

**Proceedings  
of  
District & Local Level Consultations  
on the draft  
Coastal Development Strategy**

March – April 2005

Working Paper  
WP039

Dhaka  
May 2005



**Program Development Office  
for  
Integrated Coastal Zone Management Plan  
(PDO-ICZMP)**

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Dhaka, May 2005

## **DOCUMENTATION TEAM**

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The team acknowledges valuable contributions from:

- Participants in all consultations meetings
- Deputy Commissioners and members of the district administration
- Upazila Nirbahi Officers and members of the Upazila administration
- Union Parishad Chairmen and members of the Union Parishads
- Executive & members of the facilitating NGOs
- Participating members of WARPO & PDO-ICZMP
- Secretarial, logistics & administrative support

## EXECUTIVE SUMMARY & FINDINGS

The first draft of the Coastal Development Strategy was completed in February. As scheduled, the draft was presented at a total of 28 consultation meetings during mid March to mid April 2005. These multi-level consultations were held in

- 3 remote chars/islands (Kutubdia of Cox's Bazar, Nijhum Dwip in Hatia Upazila and Char Kukri Mukri of Charfasion Upazila);
- 3 selected unions (Magnama of Pekua Upazila, Rayenda in Shoronkhola Upazila and Char Kajal in Golachipa Upazila);
- 3 selected upazilas (Teknaf of Cox's Bazar and Shamnagar of Satkhira and Patharghata of Barguna districts) and
- 19 coastal district headquarters

District level consultation meetings were convened and facilitated by the Deputy Commissioner of respective districts, Upazila level meetings were convened and facilitated by UNO of respective Upazilas and Union level meetings were convened and facilitated by the Chairman of respective Union Parishads. The Island and Char level consultation meetings were convened by the UNO and UP Chairman.

A total of 21 local NGOs facilitated these consultation meetings.

District and Upazila level government officials, civil society, media, NGOs, chambers & trade associations, teachers, journalists, lawyers, elected leaders of local government participated in district and Upazila level consultation meetings. Union, Char and Island level consultation meetings were participated by the Chairman and Members of respective Union Parishad, field level staff government departments, farmers & fishers representatives, NGO representatives, representatives of local level organizations, representatives water management groups, representatives of business groups and other occupational groups.

A total of 1268 persons participated in these consultation meetings. Selected feedbacks from these meetings are shown in boxes.

These meetings received coverage in local and national newspapers as well as by radio and TV.

The draft CDS was appreciated and given general endorsement by the participants of the 28 consultation meetings in district and local level. The outcomes of all these consultation meetings would significantly contribute in finalization of the draft CDS.

**Hopes:**

I have participated in the previous (regional level) workshop on CDS; to me, this process of local level consultations is a very good initiative; as many consultations in local levels take places, problems are clearly identified and options for solutions are explored. General trend is that the higher levels often ignore the local people's opinion and their representatives' opinion; but the liabilities, caused by the failure of projects, are left with the local people.

- *Md. Mahmudul Haque Fayed, Journalist, Noakhali*

Thanks PDO-ICZMP of WARPO for creating scope of participation for the stakeholders in district and also in more local levels in coastal policy formulation process and now the CDS, which will contribute designing a better strategy for coastal development, I believe if this CDS gets implemented the coastal people, especially the poor shall be benefited most.

- *Ms. Monowara Begum, Protyasha, Chittagong*

We are very happy to have a national Coastal Zone Policy in Bangladesh; we all are also very happy to see that the Coastal development Strategy is getting formulated in consultation with the stakeholders in coastal zone. Knowing the focuses of Coastal Zone Policy and the proposed actions for CDS one can easily say, 'new days are coming for the coastal people'.

- *S. M. Parvez, BTV and Jugantar Correspondent, Pirojpur*

**Concerns:**

I myself attended so many seminar/workshops, resulted no benefit. Projects should be realistic, e.g., if the Tk.21 crore had invested for socio-economic projects, instead of the 'Marine Park' in Saint Martins, then the benefits would go to the local people directly.

- *Shaikh Matiur Rahman, Forest Ranger, Teknaf*

Bangladesh is known as a country of seminar/symposiums; attending workshop/seminars feelings born like everything will happen tomorrow. However, I wish CDS would be materialized.

- *Muhammad Nurul Anowar Chaudhury, PO, ECFC, Kutubdia*

The culture of 'integration' has not been in practices in Bangladesh; so, first, we need to think whether 'integrated approach' would work, e.g., ECFC project was more or less 'integrated' one, but, in practice, other agencies are not involved actively in this process.

- *Md. Jamal Uddin Ahmed, UNO, Kutubdia*

If we consider all the Ministries of the government as Water Tank, then the Union Parishad is the 'Tap'; if this tap is weak or nonfunctioning then water flow would be disturbing; hence, Union Parishad must not remain weak or non functioning, other wise development in local levels would not get momentum.

- *Sohel Hafiz, Fuljhuri Union Parishad, Barguna*

I am a UP Chairman for last 14 years; I have hardly seen any execution of recommendations. However, lets hope, recommendations for CDS shall be executed.

- *Nazrul I. Mollah, Chairman, Falua Union Parishad, Barguna*

People's spontaneous participation need to be ensured in implementation of strategy, no imposition shall work.

- *Deputy Commissioner, Chandpur*

The People's Representatives must get involved in CDS process, by making it obligatory, if necessary. This CDS must not stop with the change in government.

- *Bijon Sen, Journalist, Noakhali*

We are experienced bitter with the SBCP; the ICZMP shows us a hope; we wish the ICZMP project would be carried out efficiently and fully.

- *Moniruzzaman Nasim, Staff Reporter, Ittefaq, Pirojpur*

Communication and law & order are the two main pre-conditions of development, but they are missing in the draft CDS.

- *Mahmud Hossein, Pirojpur*



### Prioritization

In addition to consultations on the CDS, prioritization of proposed 29 investment projects was attempted during these meetings. All individual participants, attending these meetings, were requested to indicate their preferences to 5 of the projects. This allowed priority ranking from each meeting. When results from all meetings were compiled, both overall and regional prioritizations were obtained. These results are presented in Figures 1 and 2. The data shows, variations in priorities in different parts/regions of the coastal zone: South-west, South-central (1), South central (2), South-east, and Chars & Islands zone.

<p style="text-align: center;"><b>South West</b></p> <ol style="list-style-type: none"> <li>1. Safe Water Supply &amp; Sanitation</li> <li>2. Development of Coastal Agriculture</li> <li>3. Action to mitigate drainage problem</li> <li>4. Capacity building &amp; training on ICZM</li> <li>5. Small &amp; Medium Enterprise Development (SME)</li> </ol>	<p style="text-align: center;"><b>South East</b></p> <ol style="list-style-type: none"> <li>1. SME Development</li> <li>2. Development &amp; Employment Generation through Tourism</li> <li>3. Multipurpose Cyclone Shelters</li> <li>3. Knowledge Management</li> <li>5. Expansion of Renewable Energy</li> </ol>
<p style="text-align: center;"><b>South Central-1</b></p> <ol style="list-style-type: none"> <li>1 Safe Water Supply &amp; Sanitation</li> <li>2. Training for LGIs Members</li> <li>3. Support to LGIs, NGOs &amp; Media</li> <li>4. Development &amp; Employment Generation through Tourism</li> <li>5.Rehabilitation Program for Erosion Victims</li> </ol>	<p style="text-align: center;"><b>South Central-2</b></p> <ol style="list-style-type: none"> <li>1. Enhancement of livelihood in Chars &amp; Islands</li> <li>2. Safe Water Supply &amp; Sanitation</li> <li>3. Development Coastal Agriculture</li> <li>4. Support to LGIs, NGOs &amp; Media</li> <li>5. SME Development</li> </ol>
<p style="text-align: center;"><b>Char &amp; Islands</b></p> <ol style="list-style-type: none"> <li>1. Rehabilitation Program for Erosion Victims</li> <li>2. Support to LGIs, NGOs &amp; Media</li> <li>3. Completing &amp; Maintaining Sea dykes</li> <li>4. Development of Remote Islands</li> <li>5. Enhancement of livelihood in Chars &amp; Islands</li> </ol>	

**Figure 1: Prioritization of Concepts Notes**  
(through 28 consultations at district, upazila, union and island/char lands)

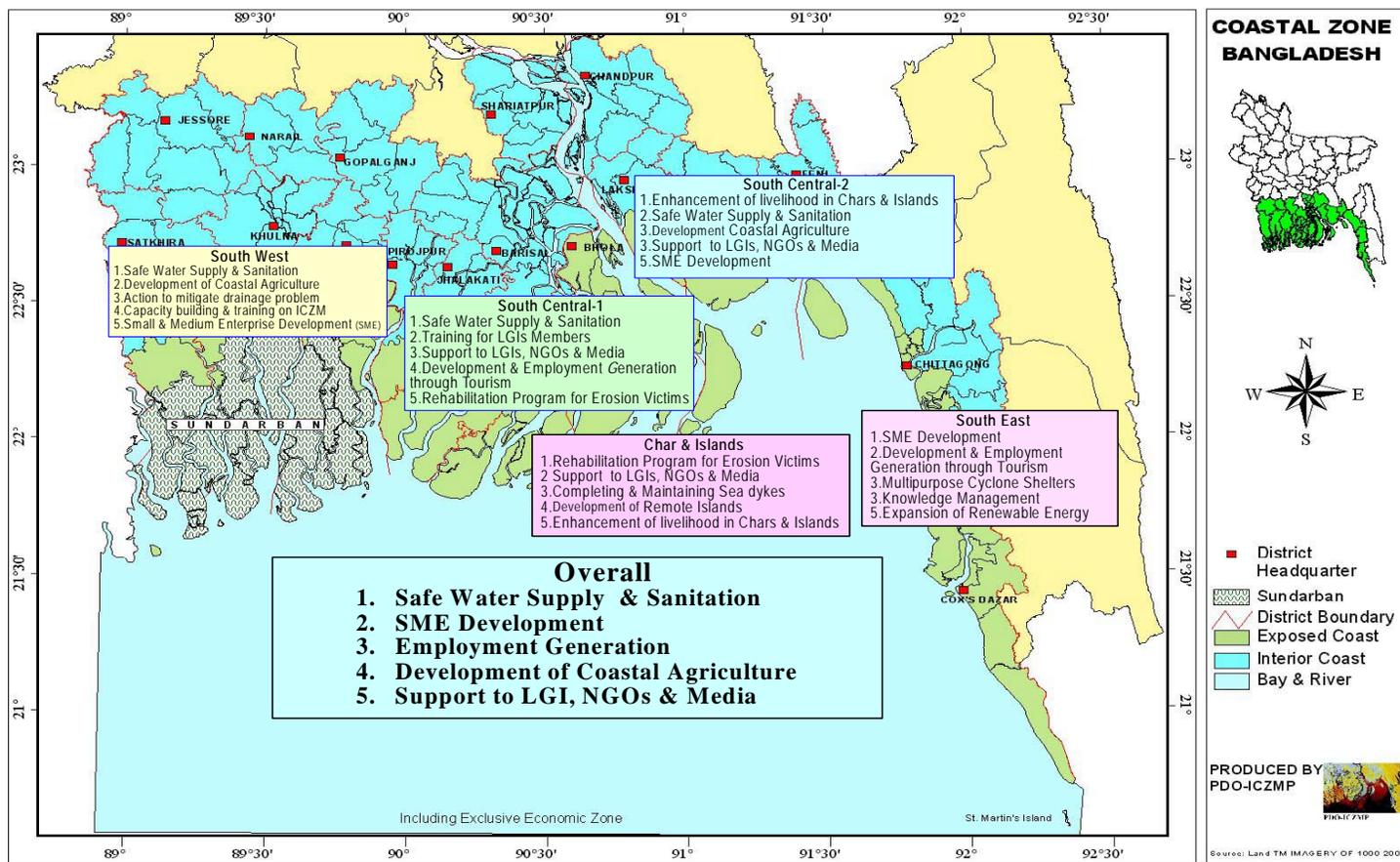
Ranks (Overall)	Concept Notes	Ranks																																
		South - West								South - Central (1)								South - Central (2)				South - East				Char & Islands								
		Khulna	Bagerhat	Copalganj	Jessore	Narail	Saikhira	Shariatpur	Shyamnagar	Rayenda	Ranks	Barisal	Barguna	Jhalakathi	Patuakhali	Projpur	Painbharghata	Ranks	Noakhali	Feni	Lakshmipur	Chandpur	Ranks	Chittagong	Cox's Bazar	Teknaf	Maghama	Ranks	Bhola	Char Kazal	Dhal Char	Nijhum Dwip	Kulbodia	Ranks
1	Strengthening sanitation and safe water supply programs in arsenic & salinity	2	1	2	2	4	2	2	2	1	1	1	6	2	3	1	8	1	2	6	14	2	2	24	3	8	4	6	15	5	20	14	12	13
2	Small and medium enterprise development on selected coastal trades	11	6	3	15	14	17	3	6	4	5	4	26	1	4	4	15	6	4	14	6	6	5	8	11	3	1	1	7	10	12	14	6	8
3	Development & employment generation through tourism	5	4	19	4	7	12	29	3	3	9	8	3	9	13	7	2	4	6	1	15	15	7	3	11	4	14	2	11	21	1	10	8	9
4	Development of coastal agriculture	6	5	6	6	20	9	8	1	2	2	18	6	3	24	6	28	17	11	6	3	6	3	15	11	8	5	6	5	1	8	5	27	7
5	Supporting initiatives by LGs, NGOs and media in coastal management	3	8	8	10	18	4	5	9	19	7	5	2	12	2	7	7	3	18	2	5	9	3	7	28	28	29	27	3	19	2	8	5	2
6	Comprehensive rehabilitation program for erosion victims	20	18	25	18	7	10	9	9	6	15	2	10	4	12	5	15	5	6	6	1	28	8	5	7	19	14	11	2	4	12	3	9	1
7	Capacity building and training	6	10	9	8	7	8	6	8	14	4	12	13	5	6	6	15	7	11	6	4	5	6	21	6	5	7	6	31	14	7	22	17	20
8	Capacity building and skill development of female fish processors	6	12	5	5	11	6	11	12	12	6	12	9	6	8	21	5	9	8	5	2	15	8	15	4	16	10	11	18	14	22	14	20	19
9	Enhancement of livelihoods in chars and islands	25	7	23	11	14	17	12	16	10	16	3	13	16	5	2	20	8	2	4	10	4	1	1	23	11	18	17	6	6	2	2	28	5
10	Empowerment through training of women members of UPs and Pourashavas	10	12	4	9	7	12	7	4	19	7	6	1	19	1	3	4	2	11	10	28	11	12	29	29	2	6	20	8	6	29	14	12	16
11	Completing and maintaining sea dykes as first level of defense against sea level	23	10	22	18	2	11	1	13	8	12	9	15	12	6	11	12	11	19	16	24	14	19	4	1	11	27	10	11	12	11	4	1	3
12	The development of an effective system of groundwater management	20	3	12	3	1	12	12	16	14	11	6	10	16	13	11	27	15	11	22	15	6	15	10	19	1	11	9	18	3	19	14	7	11
13	Promotion and extension of environmental and socially responsive shrimp farming	11	8	7	11	20	3	15	9	7	10	18	15	7	13	11	10	14	11	22	15	26	21	10	7	16	14	14	15	16	3	12	22	14
14	Accreted land development and settlement: development of a sustainable process	13	12	17	18	11	12	19	28	8	17	10	5	19	9	6	19	12	5	3	15	11	10	10	20	20	25	23	18	10	9	7	16	10
15	Knowledge management and dissemination	6	12	9	7	11	22	15	16	14	13	12	18	25	13	7	8	15	19	16	6	3	12	10	11	6	7	3	29	24	6	30	15	25
16	Reduction of severe vulnerability through multi-purpose cyclone shelters - including coping mechanism	16	18	1	11	20	22	4	5	19	14	18	15	29	9	18	12	19	23	14	15	9	19	15	5	11	3	3	28	2	23	11	4	14
17	Establishment of IT supported model Unions in sea facing upazilas	13	12	28	15	29	21	10	13	12	19	12	10	9	9	21	3	10	8	16	29	18	17	15	2	29	9	18	9	6	19	19	12	12
18	Introduction and expansion of solar, tidal & wind energy in the remote coastal areas	4	18	20	15	14	17	23	16	26	19	10	27	15	18	22	22	23	27	16	15	18	24	8	7	11	12	5	15	13	4	9	3	5
19	Marine and coastal fisheries development program	23	12	21	24	18	17	19	24	10	22	27	6	12	18	16	6	17	11	10	23	18	16	6	21	7	18	16	27	6	12	22	9	18
20	Operationalization of an institutional and co-ordination mechanism involving local government at district level for the purpose of implementation	16	23	11	9	5	6	19	21	29	18	18	4	7	29	11	1	13	8	16	10	13	14	15	27	27	14	24	18	20	27	19	20	25
21	Integrated development of remotely located island	16	18	24	24	27	26	19	21	27	27	18	20	19	13	16	22	21	11	22	10	18	18	15	11	20	18	19	9	21	5	6	2	4
22	Integrated management of coastal water infrastructure (Polders)	23	23	16	18	14	26	15	21	5	21	12	23	19	21	21	15	22	21	13	22	18	24	21	11	16	2	15	26	12	18	22	17	21
23	Action to mitigate drainage problems in Khulna region	1	2	15	1	6	1	23	6	14	3	26	25	19	18	18	26	27	26	16	21	25	26	21	18	22	24	25	25	27	17	27	26	27
24	Land use zoning for efficient use & management of land resources	20	23	18	18	20	12	15	24	25	24	24	20	19	21	21	10	24	23	22	6	17	22	2	7	11	26	13	18	21	21	19	17	22
25	Strengthening of Coast Guard program for the improvement of peoples security & environmental conservation	23	23	13	26	26	26	23	16	14	25	28	18	9	25	10	12	20	23	22	25	27	27	10	22	23	18	21	11	16	12	25	9	17
26	Veterinary services by private practitioners	13	23	13	28	27	22	12	13	19	23	29	20	16	26	11	22	25	21	22	6	18	22	26	24	24	13	26	18	18	24	25	22	26
27	Water management and rural development in Greater Noakhali (GN) area	24	23	14	27	25	26	28	27	24	28	25	24	28	21	21	25	28	1	10	10	1	11	24	17	10	23	22	24	26	16	12	22	23
28	Operationalization of a Program Co-ordination Unit (PCU) at national level	26	18	27	18	20	26	23	24	19	26	12	23	25	28	18	20	26	28	28	27	18	28	28	26	26	18	28	30	24	26	27	22	28
29	Regional and other framework studies	16	23	26	29	28	22	23	29	28	29	18	23	25	27	23	29	29	29	29	26	29	29	27	25	25	28	29	30	28	25	27	29	29

Legend: 1-5 (light blue), 6-10 (green), 11-15 (yellow), 16-29 (pink)

**Recommendations beyond draft 'priority actions':**

- Strengthening activities for optimizing uses of surface water (Shyamnagar)
- Upgrading Bhola Zila as class one district (Bhola)
- Establishing Sundarban centered research and training center (Bagerhat)
- District town protection project & measures against river erosion. Establish Bhola-Lakshmipur Ferry Service (Bhola)
- Excavation/ re- excavation of river, canal, and ponds for ensuring water supply for agriculture and safe water for drinking (Jessore)

Figure 2: Prioritization: Overall & regional (5 tops)



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## ACRONYMS

BADC	Bangladesh Agricultural Development Corporation
BAEC	Bangladesh Atomic Energy Commission
BARC	Bangladesh Agricultural Research Council
BBS	Bangladesh Bureau of Statistics
BDRCS	Bangladesh Red Crescent Society
BIWTC	Bangladesh Inland Water Transportation Corporation
BPC	Bangladesh Parjatan Corporation
BPDB	Bangladesh Power Development Board
BRDB	Bangladesh Rural Development Board
BSCIC	Bangladesh Small & Cottage Industries Corporation
BWDB	Bangladesh Water Development Board
CARDMA	Coastal Area Resource Development & Management Association
CDS	Coastal Development Strategy
CDSP	Char Development & Settlement Project
CEGIS	Center for Environmental and Geographic Information Services
CEP	Coastal Embankment Project
CERP	Coastal Embankment Rehabilitation Project
CIP	Chandpur Irrigation Project
CPP	Cyclone Preparedness Programme
CSPS	Cyclone Shelter Preparatory Study
CWBMP	Coastal and Wetland Biodiversity Management Project
CZ	Coastal Zone
CZPo	Coastal Zone Policy
Danida	Danish International Development Assistance
DAE	Department of Agricultural Extension
DC	Deputy Commissioner
DfID	Department for International Development (UK)
DoF	Department of Fisheries
DPHE/BGS	Department of Public Health Engineering/British Geological Survey
DLS	Department of Livestock Services
DWA	Department of Women's Affairs
DSS	Department of Social Services
EEZ	Exclusive Economic Zone
EPZ	Export Processing Zone
ERD	Economic Relations Division
ESCAP/UN	United Nations Economic and Social Commission for Asia and the Pacific
FAO	Food & Agricultural Organisation
FCDI	Flood Control, Damage and Irrigation
FD	Forest Department
FFYP	Fifth Five-Year Plan
GBM	Ganges-Brahmaputra-Meghna river basin
GDP	Gross Domestic Product
GoB	Government of Bangladesh
HF	High Frequency
ICRD	Integrated Coastal Resources Database
ICZMP	Integrated Coastal Zone Management Plan
IDA	International Development Association
IMR	Infant Mortality Rate
IPCC	Intergovernmental Panel on Climate Change

IPRSP	Interim Poverty Reduction Strategy Paper
IUCN	The World Conservation Union
IWM	Institute of Water Modeling
KPED	Knowledge Portal on Estuary Development
LGED	Local Government Engineering Department
MES	Meghna Estuary Study
MDP	Meghna-Dhonagoda Project
MIP	Muhuri Irrigation Project
MSL	Mean Sea Level
MoWR	Ministry of Water Resources
NEC	National Economic Council
NEDA	Netherlands Development Assistance
NGO	Non Government Organizations
NTPo	National Tourism Policy
NWMPP	National Water Management Plan Project
NWRD	National Water Resources Database
PDO-ICZMP	Program Development Office - Integrated Coastal Zone Management Plan
PDSCL	Perceptions of Direct Stakeholders on Coastal Livelihoods
REB	Rural Electrification Board
RHD	Roads and Highways Department
RMP	Rural Maintenance Program
RS	Remote Sensing
SACEP	South Asian Cooperative Environmental Programme
SAS	South Asian Seas
SBCP	Sundarban Biodiversity Conservation Project
SBS	Socio-economic Baseline Study
SC	South Central
SE	South East
SLR	Sea Level Rise
SPARRSO	Space Research & Remote Sensing Organization
SRDI	Soil Resource Development Institute
SW	South West
TYRP	Three-Year Rolling Plans
UNDP	United Nations Development Program
UNEP	United Nations Environment Program
UNICEF	United Nations Children's Fund
VGD	Vulnerable Group Development
VHF	Very High Frequency
WARPO	Water Resources Planning Organization
WB	World Bank
WFP	World Food Programme
WHO	World Health Organization
WRS	Water Resources System

## CHAPTER 1 INTRODUCTION

The government of Bangladesh initiated the Integrated Coastal Zone Management Plan (ICZMP) project from January 2000. A full flazed project started from February 2002 with joint funding by government of Bangladesh, the Netherlands and the United Kingdom. The central purpose of the ICZMP is to help overall coastal development. ICZMP is a multi-sectoral and multi-agency initiative with the Ministry of Water Resources as the lead ministry and Water Resources Planning organization (WARPO) as the lead agency.

This project is to deliver six outputs: a Coastal Zone Policy (CZPo), a Coastal Development Strategy (CDS), a Priority Investment Program (PIP), Enhancing Community Capacities to Improve Livelihoods, Enabling Institutional Environment, and Integrated Knowledge Base. The first three outputs have defined as key Outputs in ICZM process. The later three have defined as crosscutting themes aim to generate the required knowledge and capacities to implement the first three outputs.

The Coastal Zone Policy has been finalized and approved by the Cabinet on 17 January 2005. Grounded in the Coastal Zone Policy, the processes of formulation of Coastal Development Strategy (CDS), another key output of the ICZMP project, has been initiated.

### 1.1 Drafting of the Coastal Development Strategy (CDS)

An in-house drafting started from mid-August, 2004. This resulted into an outline.

This outline was shared at the national level and four regional level consultation meetings in October 2004.

- *National Dialogue* was organized on October 04, 2004. A total of 57 participants attended this national level consultation workshop. The Secretary of Ministry of Water Resources was the Chief Guest. Officials of WARPO, focal points of line agencies, representatives of Chittagong Port Authority, NGOs, World Bank, Netherlands Embassy, Dhaka University, IWM and CEGIS attended.
- *Four regional consultation workshops* were organized in Barisal, Chittagong, Khulna and Noakhali in October 2004. The regional level consultation workshops were participated by the officers of division level government agencies, district level government agencies, local government representatives, and representatives of NGOs, chambers, trades, teachers, women's organizations, and other civil society groups. A total of 195 representatives from all these stakeholders participated in the four regional level consultation workshops. Participants, among others, contributed in identifying top five 'priority actions' of each region.

Contributions from workshops (proceedings, WP 032)) were used in preparing the first draft of the CDS. Results were also obtained through the processes of outputs - CZPo, PIP, Community Capacities to Enhance Livelihoods, Enabling Environment, Knowledge Base.

It needs to note here, in addition to discussions on the draft CDS in the district and local levels consultation meetings, prioritization of identified 'actions' for 'priority investment programs' were also done.

### 1.2 Consultation schedule at different levels

During March-April 2005, the draft CDS was presented at district and local level consultations.

Prior to scheduling of meetings, facilitating NGOs were contacted. All distrcet HQs were visited to have discussion with the district administration, especially with Deputy Commissioners (DC) of each districts. Many of DCs were new and did not participate in earlier consultations and/or event

organized. DCs were appraised of this national program and the importance of the planned consultations. Printed highlights of the draft CDS and a 'District Information Booklet' were handed over. Dates were scheduled as per convenience of the district/upazila administrations. Consultation meetings were organized in:

- three selected islands (Kutubdia, Nijhum Dwip, and Char Kukri Mukri );
- three selected Unions (Char Kajal, Magnama and Rayenda Union Parishad);
- three selected Upazilas (Patharghata, Shyamnagar and Teknaf); and
- 19 coastal district headquarters.

	Date	Venue	Facilitating NGOs
<b>Chars &amp; Islands:</b>			
Kutubdia	09 March 2005	Upazila Parishad Auditorium	—
Nijhum Dwip	19 March 2005	Bandartila Primary School	DUS
Char Kukri Mukri	24 March 2005	Union Parishad Office	DBS
<b>Selected Unions:</b>			
Magnama	06 March 2005	Magnama High School	SARPV
Rayenda	12 March 2005	Sharankhola Upazila Parishad Auditorium	Nobolok
Char Kajal	03 April 2005	Union Parishad Office	SAP-Bangladesh
<b>Selected Upazilas:</b>			
Shyamnagar	07 March 2005	Upazila Parishad Auditorium	Shushilon
Teknaf	08 March 2005	Upazila Parishad Auditorium	Mukti-Cox's Bazar
Patharghata	28 March 2005	Upazila Parishad Auditorium	Shankalpa Trust
<b>District HQs:</b>			
Satkhira	06 March 2005	Upazila Parishad Auditorium	Polli Chetona
Khulna	10 March 2005	CSS Conference center	Nobolok
Chittagong	12 March 2005	Zila parishad Auditorium	CODEC
Bagerhat	13 March 2005	DC Conference Room	Shaplaphul
Gopalganj	14 March 2005	Circuit House	GUP
Feni	16 March 2005	DC Conference Room	Ghoroni
Jessore	17 March 2005	DC Conference Room	—
Barisal	20 March 2005	Barisal Press Club	AVAS
Lakshmipur	21 March 2005	DC Conference Room	DORP
Narail	21 March 2005	Zila parishad Auditorium	Jagarani Chakra
Noakhali	22 March 2005	BRDB Conference Room	NRDS
Bhola	23 March 2005	DC Conference Room	MMC
Chandpur	27 March 2005	DC Conference Room	—
Patuakhali	27 March 2005	DC Conference Room	Shankalpa Trust
Jhalokati	29 March 2005	Circuit House	MMC
Pirojpur	30 March 2005	DC Conference Room	PDF
Sariatpur	31 March 2005	DC Conference Room	—
Barguna	02 April 2005	Circuit House	Sangram
Cox's Bazar	16 April 2005	Zila parishad Auditorium	Mukti-Cox's Bazar

### 1.3 Participants

In preparation of the meeting, highlights of the CDS were pre-circulated among the participants. Selected participants also received 'District Information Booklet'.

A total of 1268 persons from different stakeholders participated in 28 district and local level consultation meetings on CDS. Out of this 1268 participants 379 were from the government agencies, 149 from the local government, 293 from NGOs, 142 from civil society, 137 from the media, 19 from private sector and 66 from others sector/groups. A total of 229 were female participants. Annexure 1 shows details about participants.

#### **1.4 Media Coverage**

The district and local level consultations on CDS got coverage in the local and national newspapers, Television Channels, and the Radio. A total of 17 meetings, out of 28, received media coverage. Each of these 17 meeting got coverage in one to seven newspapers. Among the national newspapers, Ittefaq covered 6 meetings, Jugantar 4 meetings, Prothom Alo 2 meetings and Bhorer Kagoz & Dainik Janata 1 meeting. Radio Barisal relayed the full coverage of the Barisal district meeting. ATN and other TV Channels reported some meetings. A summary and Press Clippings are presented in Annexure 2.

#### **1.5 Prioritization**

In addition to consultations on the CDS, prioritization of proposed 29 investment projects was attempted during these meetings. All individual participants, attending these meetings, were requested to indicate their preferences to 5 of the projects. This allowed priority ranking from each meeting. When results from all meetings were compiled, both overall and regional prioritizations were obtained. These results are presented in Figures 1 and 2 with Executive Summary & Findings. The data shows, variations in priorities in different parts/regions of the coastal zone: South-west, South-central (1), South central (2), South-east, and Chars & Islands zone.

#### **1.6 Structure of the report**

After this introductory chapter, the report comprises of further 4 chapters and each chapter contains several sections. In Chapter 2, proceedings of 3 Char and Island level consultation meetings are reported. Chapter 3 contains proceedings of three Union level, chapter 4 of Upazila level and Chapter 5 of 19 district level consultation meetings. , Chapter 2 narrates three, Chapter 3 narrates, Chapter 4 four on and Chapter 5 contains the annexures.

Each meeting proceedings contains sections on introduction, summary of meeting, comments and responses, prioratised actions, and list of participants.

Annexure 1 contains Chapter 5 printed & circulated CDS highlights, presentations on ICZMP project and darft CDS. List of participants & their status are presented in Annexure 2. Summary of media coverage and press clippings are presented in Annexure 3.



## CHAPTER 2: CHAR & ISLAND LEVEL CONSULTATIONS





KUTUBDIA

09 March 2005



## Introduction

The meeting started at 10:00 with Mr. Md. Jamal Uddin Ahmed, Upazila Nirbahi Officer, Kutubdia as the chairperson. Mr. Kamal Banerjee (Social Mobilization Officer, ECFC) on the behalf of the facilitating agency welcomed all the participants and introduced the WARPO/PDO team. He then requested the chair to inaugurate the meeting.

- The working session was comprised of two presentations. Mr. Arzel H. Khan (PSO, WARPO) presented a brief overview of ICZMP project (Objectives, outputs and current activities). Dr. Liakath Ali (SNE, PDO-ICZMP) then presented the draft outline of the Coastal Development Strategy (CDS).
- The meeting was then opened for discussion. Dr. Liakath Ali moderated the discussion session.
- After the open discussion, the participants were requested to select five priority actions for their district from a proposed list of 29.
- Dr. Liakath Ali then announced the five most prioritized actions selected by the participants. He also informed them that their suggestions would be incorporated in the final CDS.
- The chairperson then concluded the meeting thanking all the participants, especially WARPO/PDO for arranging such consultation in an island like Kutubdia and expressed his hope that a comprehensive Coastal Development Strategy would be formulated through this consultation.

## Meeting of Summary

Upazila/Island		Kutubdia	
<b>Date of consultation</b>	09 March 2005		
<b>Venue</b>			
<b>Meeting started at</b>	10:00 am.		
<b>Meeting concluded at</b>	01:00 pm.		
<b>Chief guest/ Chair</b>	Md. Jamal Uddin Ahmed, Upazila Nirbahi Officer, Kutubdia		
<b>Moderator</b>			
<b>WARPO/PDO team</b>	Mr. Arzel H. Khan, Dr. Liakath Ali, Mr. Mohammad Showkat Osman, Dr. Shamim Ara		
<b>Upazila represented</b>			
<b>Summary of Participants</b>	Both sex	Female	Participating Organizations
<b>Total</b>	<b>50</b>	<b>9</b>	
Government Agency	9	0	Department of Agriculture Extension (DAE), Department of Fisheries (DoF), Bangladesh Rural Development Board (BRDB), Health Department, Department of Youth Development, Local Government Engineering Department (LGED), Cooperative Department
Local Government	15	6	Lemshmikhali Union, Ali Akbar Dail Union, South Dhurang Union, North Dhurang Union, Koyar Bill Union, Baroghob Union, Lemshi khali Union
NGOs	5	0	CNRS, GMPF, Coast Trust, ASA,
Civil Society	3	0	Kutubdia College, Kutubdia Upazila Parisad Jamey Masjid
Mass Media	2	0	Kutubdia Press Club
Private Sector			
Others/Projects/CBOs	16	3	ECFC (DoF), CPP (BDRCS), RLP (BRDB), Ali Fakir Dail Fishers Organization, South Amjakhali Female Organization, South Muralia Bittoheen Cooperative Samity, North Baroghob Female Fishers Organization, South Kybartapara Female Fishers Organization, West Ali Akbar Dail Fisherman organization, Grameen Fisheries & Livestok Foundation, Tribedi Mohila Samaj Unnon Sangstha
<b>Summary of comments and suggestions given by</b>	<ul style="list-style-type: none"> <li>• It is good to see that consultation is going on in grass root level.</li> <li>• Fish resources are not unlimited; regeneration must be ensured.</li> </ul>		

Upazila/Island	Kutubdia
the participants	<ul style="list-style-type: none"> <li>• Alternate employment opportunity should be created.</li> <li>• Human development should be given proper attention.</li> <li>• Afforestation is required to protect coastal people from natural disaster like cyclone.</li> <li>• Shrimp culture and collection of fish fry should be prohibited.</li> <li>• Lesson must be learned from the past experiences of ICZM in neighboring country</li> <li>• Lands use for salt firming during the dry season could be used for shrimp culture in the monsoon.</li> <li>• Security of fishers in should be ensured</li> <li>• There should be provision of inlets in the BWDB's sluice gates for salt water intrusion</li> <li>• Salt factories, storage facilities should be established in Kutubdia.</li> <li>• Electricity and communication facilities are very poor.</li> <li>• Seaweeds cultivation has great potential in Kutubdia.</li> <li>• Training program for UP members (both male and female) is needed to make them aware of their power and duties.</li> <li>• Prompt action should be taken to rehabilitate erosion and cyclone victim.</li> <li>• Proper monitoring system should be established to prevent fish fry collection.</li> <li>• Integrated approach is not well practiced in Bangladesh</li> <li>• Project should be made sustainable so that people could be benefited in long run</li> <li>• Inter agency co-ordination must be established</li> <li>• Beneficiary of proposed project should be included in the planning phase</li> </ul>

### Comments and responses

#### **Dr. Farid Ahmed Chowdhury (UH & FPO, Jhama Health Complex, Kutubdia):**

Bangladesh is called country of seminar-symposium; attending these seminars give the impression like everything would be done tomorrow. I hope CDS will be materialized. However it is good to see that consultation is going on in grass root level.

#### **Alhaj Shaker Ullah (Chairman, Baroghop Union Parishad):**

What is meant by women empowerment? Condition should be created for women to implement power.

#### **S.M Khalequzzaman (Upazila Fisheries Officer, Department of Fisheries):**

West portion of Kutubdia is eroded, how the newly accreted land would be managed. Fish resources are not unlimited; regeneration must be ensured. Is it possible to take area-wise strategy? Alternate employment opportunity should be created. Human development should be given proper attention. Lesson must be learned from the past experiences of ICZM in neighboring country like India, Thailand, Sri Lanka.

In response to his comments Dr. Liakath Ali (SNE, PDO-ICZMP) informed the meeting that relevant documents on ICZM practices in the neighboring country has been studied and incorporated in CDS. However CZM in Bangladesh is much different than those countries as we have a active delta.

#### **Mau. Ahmad Ullah (Chairman, Koyar Bill UP):**

Afforestation is required to protect coastal people from natural disaster like cyclone. Shrimp culture and collection of fish fry should be prohibited.

**Ashaduzzaman Khan (Asstt. Director, Cyclone Preparedness Programme):**

An integrated preparedness program is needed to minimize the damage done by cyclone.

**Moh. Abul Fazal (Gram Unnon Committee, West Ali Akbar Dail):**

Sometime fisherman crosses border while fishing in the common river, some sort of agreement should be reached with neighboring country to free those fisherman from their custody as soon as possible.

**Moh. Mahbulul Haque (UP Member, Ward no. 2 Ali Akbar Dail Union):**

Lands use for salt firming during the dry season could be used for shrimp culture in the monsoon.

**A.S.M. Shahriar Chowdhury (Chairman, Dhurang Union):**

There is no monitoring system for salt farming. No inlets in the BWDB's sluice gates for salt water; an integrated master plan is required for water management. There are no salt factories, storage facilities in Kutubdia. Electricity and communication facilities are very poor. Seaweeds cultivation has great potential in Kutubdia. Training program for UP members (both male and female) is needed to make them aware of their power and duties.

**Dilsad Anjum Happy (UP Member, Ali Akbar Dail Union):**

Prompt action should be taken to rehabilitate erosion and cyclone victim.

**Muhammad Mashuk Elahi (Imam, Upazila Parisad Jamey Masjid):**

Proper monitoring system should be established to prevent fish fry collection.

**Prial Mutsuddy (Field Incharge, CNRS):**

Is there any action in the CDS to prevent destruction of mangrove/forest for shrimp culture/ salt firming?

**Remarks from the Chairperson:**

Chair of the meeting Mr. Md. Jamal Uddin Ahmed (Upazila Nirbahi Officer, Kutubdia) thanked WARPO and PDO team for arranging such consultation meeting; he also thanked the participants for attending the meeting and sharing their valuable comments and suggestion. He then added the following comments-

- Electricity is the first priority for the people of Kutubdia
- Integrated approach is not well practiced in Bangladesh
- Project should be made sustainable so that people could be benefited in long run
- Training for women UP members must be ensured to empowered them
- Inter agency co-ordination must be established
- Beneficiary of proposed project should be included in the planning phase

**Vote of Thanks from Dr. Liakath Ali (PDO-ICZMP):**

“Thanks to all of you on the behalf of WARPO/PDO team for attending the meeting and made the meeting a successful one by contributing your valuable comments and suggestion. Due to time limitation detailed about the projects could not be discussed. However before taking any project it will be ensured that local level stakeholders are consulted along with policy makers and experts. Thank you all again for your active participation ”.

## Priority Actions

SLNo.	Items	Rating
<b>Safeguarding the availability of fresh water with regionalized water management</b>		
1	Water management and rural development in Greater Noakhali (GN) area	1
2	Action to mitigate drainage problems in Khulna region	
3	Integrated management of coastal water infrastructure (Polders)	3
4	The development of an effective system of groundwater management	11
5	Strengthening sanitation and safe water supply programs in arsenic & salinity affected areas	6
<b>Optimizing use of coastal lands</b>		
6	Accreted land development and settlement: development of a sustainable process	4
7	Land use zoning for efficient use & management of land resources	3
8	Development of coastal agriculture	7
<b>Promoting economic growth emphasizing rural non-farm employment</b>		
9	Small and medium enterprise development on selected coastal trades	12
10	Development & employment generation through tourism	10
<b>Sustainable and equitable management of natural resources</b>		
11	Promotion and extension of environmental and socially responsive shrimp farming	1
12	Introduction and expansion of solar, tidal & wind energy in the remote coastal areas	15
13	Marine and coastal fisheries development program	9
<b>Environmental conservation</b>		
14	Completing and maintaining sea dykes as first level of defense against sea level rise	23
15	Strengthening of Coast Guard program for the improvement of peoples security and environmental conservation	9
<b>Improving livelihood conditions of people, specially women</b>		
16	Enhancement of livelihoods in chars and islands	7
17	Integrated development of remotely located island	17
18	Capacity building and skill development of female fish processors	2
19	Comprehensive rehabilitation program for erosion victims	9
20	Reduction of severe vulnerability through multi-purpose cyclone shelters - including coping mechanism	15
21	Veterinary services by private practitioners	1
<b>Empowering through knowledge management</b>		
22	Knowledge management and dissemination	5
23	Regional and other framework studies	1
24	Capacity building and training	3
<b>Creating an enabling institutional environment</b>		
25	Operationalization of a Program Co-ordination Unit (PCU) at national level	1
26	Operationalization of an institutional and co-ordination mechanism involving local government at district level for the purpose of implementation	2
27	Supporting initiatives by LGIs, NGOs and media in coastal management	15
28	Empowerment through training of women members of UPs and Pourashavas	7
29	Establishment of IT supported model Unions in sea facing Upazilas	7
30	Occupationals' Organization development and ensured financing for continued economic growth	1
31	Ensuring electricity supply	4

## List of Participants

Sl.	Name	Designation	Organization	Address	Phone/Fax/Email
1.	Md. Jamal Uddin Ahmed	UNO	Office of the Upazila Nirbahi Officer, Kutubdia	Kutubdia, Cox's Bazar	0341-64013 64051
2.	Abdul Gafur	UP Member	Lemshikhali Union	Lemshikhali, Kutubdia	
3.	Moh. Nurul Anwar Chowdhury	P.O. (ECFC Project)	A.S.C.-Chokoria, Cox's Bazar	Vill: West Binamara, P.O.: ChiringCC, Chokoria, Cox's Bazar	0189-631763 (req) 0189-861950
4.	Badal Kanti Shill	U.P. Secretary	Ali Akbar Dail Union	Ali Akbar Deil, Kutubdia, Cox's Bazar	
5.	Moh. Gias Uddin Kutubi	P.P.I.	Upazila Agricultural Office, Kutubdia	Upazila Agricultural Office, Kutubdia, Cox's Bazar	
6.	Moh. Mahbulul Haque	UP Member of ward no. 2	Ali Akbar Dail Union	Ali Akbar Deil, Kutubdia, Cox's Bazar	
7.	Moh. Hossain	UP Member	1 no. North Dhurang Union	North Dhurang Union, Kutubdia, Cox's Bazar	
8.	Didarul Islam	Upazila Asst. Cooperative Officer	Upazila Cooperative Office, Kutubdia	Kutubdia, Cox's Bazar	
9.	Prial Mutsuddy	Field Incharge/Field Trainer	Center for Natural Resource Studies (CRNS)	Madina Bhaban, Baitusharaf Road, Uttar baroghop, Kutubdia, Cox's Bazar	
10.	M. Monirul Islam Chowdhury	Field Trainer	Center for Natural Resource Studies (CRNS)	Madina Bhaban, Baitusharaf Road, Uttar baroghop, Kutubdia, Cox's Bazar	
11.	Abul Hossain	UP Member, ward no-2	South Dhurang Union	South Dhurang Union Kutubdia, Cox's Bazar	0189-802193
12.	Moh. Nurul Akkas	P.E.	Tribedi Mohila Samaj Union Sangstha	(ECFC Project Kutubdia), Tara Bhaban, Hospital Road, Barogrop, Kutubdia, Cox's Bazar	0189-424728
13.	Upal Kanti Chowdhury	Program Officer	Grameen Fisheries & Livestok Foundation	Tara Bhaban, 1 <sup>st</sup> floor, Baroghop, Kutubdia, Cox's Bazar	0172-101971
14.	Alhaz Golam Rashid Bacchu	Upazila Team Leader	CPP, BDRCS	Kutubdia, Cox's Bazar	0176-075052
15.	Moh. Ruhul Amin	Branch Manager, ASA	ASA	ASA, Kutubdia Sadar Branch, Tara Bhaban, Hospital Gate, Baroghop, Kutubdia, Cox's Bazar	0171-730675
16.	S.M. Shahjalal faruqui Shameem	Asst. Coordinator, Social Justice UPZ, Coast Trust	Coast Trust	S/O M.D. Omar Ali Faruqui Vill:Ghona Phada, P.O.Shaplapur, Moheshkhali, Cox's Bazar	
17.	Moh. Abul Fazal	President, Gram Unnon Committee	Fisherman organization	Haidar para, West Ali Akbar Dail, Moheshkhali, Cox's Bazar	
18.	Asad Ullah Khan	Asst. Diretor	BDRCS (CEP)	Thana Bhaban, Kutubdia, Cox's Bazar	0341-64051-18
19.	Dilsad Anjum Happy	Female UP Member	Ali Akbar Dail Union	Ali Akbar Dail, Union no 6, Ward-4,5,6, Kutubdia, Cox's Bazar	0176-734900
20.	Monira Begum	Female UP Member, ward no. 1,2,3	2 no. South Dhurang Union	South Dhurang Union Parisad, Kutubdia, Cox's Bazar	
21.	Osmania Begum	Female UP Member Ward no. 1,2,3	1 no. North Dhurang Union Parisad	North Dhurang Union Parisad, Kutubdia, Cox's Bazar	
22.	Subhadra Rani	President	South Kybartapara Fisheries Female Organizatiohn	East Baroghop, Kutubdia, Cox's Bazar	
23.	Monoara Begum	President	North Baroghop Fishers Female Organization	North Baroghop, Kutubdia. Coz's Bazar	
24.	Majibul Huq	Asst. Fishery Officer	Directorate of Fiheries	Asst. Fishery Officer, Kutubdia, Cox's Bazar	0189-194674
25.	Mofijul Alam	President	South Muralia Bittoheen Cooperative Samity	Baroghop (Muralia), Kutubdia, Cox's Bazar	
26.	Rupaz Khisa	Deputy Project Officer	Rural Livelihood Project,	BRDB, Baroghop, Kutubdia, Cox's Bazar	
27.	Mau. Ahmad Ullah	Chairman, Koyar Bill U P	Koyar Bill Union Parisad	Vill: Kyar Bill, Kutubdia, Cox's Bazar	0189-635742
28.	Ashaduzzaman Khan	Asstt. Director	Cyclone Preparedness Programme (C.P.P),	Kutubdia, Cox's Bazar	0341-64051/11

Sl.	Name	Designation	Organization	Address	Phone/Fax/Email
			Bangladesh Red Crescent Society (BDRCS)		
29.	Muhammad Mashuk Elahi	Imam	Upazila Parisad Jamey Masjid, Kutubdia,	Upazila Parisad Jamey Masjid, Kutubdia, Cox's Bazar	
30.	Selina Akhter	President	South Amjakhali Mohila Organization	South Amjakhali, Baroghop, Kutubdia, Cox's Bazar	
31.	Kamal Hossain Kutubi	Journalist	President, Kutubdia Pressclub,	Abdul Hamid Sikder Bari, Ali Akbar Dail, Kutubdia, Cox's Bazar	
32.	Moshrefa Begum	Member, Baroghop Union Parisad	South Amja Khali Female Organization	Baroghop, Kutubdia	
33.	Moh. Nurul Amin	President	Ali Fakir Dail Fisheries Organization	Ali Fakir Dail, South Dhurang, Kutubdia, Cox's Bazar	0188-180564
34.	Sham Sundar	President	Fishers' Organisation	Maddaya Para, Baroghop, Kutubdia, Cox's Bazar	
35.	S.K Liton Kutubi	Journalist		Baroghop, Kutubdia, Cox's Bazar	0171-078890
36.	Jahidul Islam	CO	GMPE	Kutubdia Office, Tara Bhaban, Kutubdia, Cox's Bazar	0176-725294
37.	Alhaj Shaker Ullah	Chairman	Baroghop Union Parishad	Baroghop, Kutubdia, Cox's Bazar	0189-337029/ 653229
38.	Moh. Shah-E-Zaman	Upazila Youth Development Officer	Directorate of Youth Development	Kutubdia, Cox's Bazar	0189-807637
39.	Satyjit Roy	MCG-PM	ECFC Project, Cox's Bazar	Kutubdia, Cox's Bazar	0176-293894
40.	Dr. Farid Ahmed Chowdhury	UH & FPO	Jhama Health Complex, Kutubdia	Baroghop, Kutubdia, Cox's Bazar	011-228615
41.	Md. Noabul Hussain	Upazila Rural Development Officer	Bangladesh Palli Unnon Board	Kutubdia, Cox's Bazar	
42.	Mahmudul Huq	Block Supervisor	Directorate of Agricultural Extension	Directorate of Agricultural Extension Kutubdia, Cox's Bazar	Req-15
43.	Nasir Uddin	UP member	Baroghop Union	Baroghop (Amjakhali) Kutubdia, Cox's Bazar	
44.	A.M. Mannan	Principal	Kutubdia College	Kutubdia, Cox's Bazar	841095/0189-997102
45.	Kamal Banerjee	Socila Mobilization Officer (SMO)	ECFC Project	Kutubdia, Cox's Bazar	0172-205049
46.	Moh Golam Mostafa	Sub-Asst. Engineer	LGED	Office of the Upazila Engineer LGED, Kutubdia, Cox's Bazar	0176-326750
47.	A.S.M. Shahriar Chowdhury	Chairman	Dhurang Union	North Dhurang, Kutubdia, Cox's Bazar	0176-196376
48.	S.M Khalequz-zaman	Upazila Fisheries Officer	Department of Fisheries	DOF, Kutubdia, Cox's Bazar	0172-216179
49.	Moh. Selim Ullah	Advocate		South Dhurang Union, Kutubdia, Cox's Bazar	
50.	Ayesha Begum	UP member, ward no 7,8,9, Lemshi khali UP	3 no. Lemshi khali Union	Lemshi khali Union Parishad, Kutubdia, Cox's Bazar	
51.	Amena Begum	UP Member, ward no. 4,5,6	3 no. Lemshi khali Union	Lemshi khali Union Parishad , Kutubdia, Cox's Bazar	





NIJHUM DWIP

19 March 2005



## Introduction

The consultation meeting in Nijhum Dwip on CDS started at 10:00 with Mr. Moh. Abul Kalam, Chairman, Jahazmara Union Parishad in the chair. Shamsut Tibrij, Chief Co-ordinator, DUS, the facilitating NGO for this meeting, welcomed the participants and the guests and described the program of the meeting. All the participants then briefly introduced them-selves as requested by the chair.

Mr. Mohiuddin Ahmad, Co-Team Leader of PDO-ICZMP presented a brief overview of ICZMP project (Objectives, outputs and current activities) and then the draft Coastal Development Strategy (CDS). The meeting was then opened for discussion. The participants express their concerns and made recommendations for CDS. PDO team members took notes of the participants' comments and recommendations. After the open discussion, the participants were requested to select five 'priority actions' for the CDS, considering their contexts. The participants prioritized actions for CDS through voting; each participant selected five actions, among from 29, which were listed in flip charts. They were also asked make recommendation beyond this 29, if they had any.

The chairperson then concluded the meeting thanking all the participants for sharing their experiences and suggestions. He also thanked PDO-ICZMP, WARPO for organizing such consultation in a remote island like Nijhum Dwip. He expressed his hope that suggestions came out of the consultation will be incorporated in the Coastal Development Strategy (CDS).

PDO Team members thanked the UP Chairman and DUS for their kind supports for arranging the meeting. All the participants and guests were invited to join lunch.

## Summary of Meeting

Union	Nijhum Dwip, Jahazmara		
<b>Date</b>	19 March 2005		
<b>Venue</b>	Bandartila Non Govt. Primary School, Nijhum Dwip		
<b>Starting time</b>	10:00 am		
<b>Closing time</b>	13:00 pm		
<b>Chief guest</b>			
<b>Chair</b>	Mr. Moh. Abul Kalam, Chairman, Jahazmara Union Parishad		
<b>WARPO/PDO team</b>	Mr. Mohiuddin Ahmad, Mr. Mohammad Showkat Osman		
<b>Summary of Participants</b>	Both sex	Female	Participating Organisations
<b>Total</b>	<b>49</b>	<b>9</b>	
Government Agency			
Local Government	9	2	Jahajmara Gram Sarker, Nijhum Dwip Gram Sarker , Jahajmara Union Parisad,
NGOs	9	0	Dwip Unnon Sangstha (DUS), PROSHIKA, Homeland Association for Social Improvement (HASI), HEED Bangladesh, Community Development Library (CDL)
Civil Society	13	3	Sukhchar Azharul Ulum Fazil Madrasa, Bandartila Non Govt. Primary School, Nijhum Dwip Bandartila Madinatul Ulum Salimullah Madrasa Nijhum Dwip Bidya Niketan,
Mass Media			
Private Sector	3	0	Bandartila Bonik Samity, BIDS
Others/CBOs/Projects	15	4	Mitali Mohila Unnayan Samity, Golap Mohila Unnayan Samity, Bristi Mohila Unnayan Samity, Suria Kannaya Mohila Unnayan Samity, Kalamchar Water Management Society, Khudra

Union	Nijhum Dwip, Jahazmara		
			Baboshayee Unnayan Shangathan, Muktikendre, Landless Development Organization, Bandartila Janata Bazar Babsaye Samity, Sonadia Water Management Committee, Basundara Samity, Kalamchar Water Management Society, Dwipanjali Club, GNAEP/DANIDA, LADC/CDSP
<b>Summary of comments and suggestions from the participants</b>	<ul style="list-style-type: none"> <li>• ‘Sea sand’ is creating a lot of problems for the people living in Nijhum Dwip.</li> <li>• Construction of embankment is an immediate requirement to protect sea sand as well as tidal water from entering into land.</li> <li>• A ‘signal light’ is required in the entrance of <i>Ajamkhali Khal</i>.</li> <li>• Constructions of the road need to be completed soon.</li> <li>• Lack of fund is one of the major constraints in reconstruction of the road.</li> <li>• Forest department should hand over the 20 years old lands and deal with the newly accreted land.</li> <li>• Actions should be taken to control deers that enter into crops field and damage crops; selling a certain numbers could control them.</li> <li>• Health and education facilities are very poor in Nijhum Dwip.</li> <li>• Electricity connection should be established.</li> <li>• There are no recreation facilities except television, even a playground.</li> <li>• Co-ordination between different agencies, working in the area, should be established.</li> <li>• Regular transportation network should be established.</li> </ul>		

### Comments and responses

**Moh. Abul Kalam (Chairman, Jahazmara Union Parishad):**

‘Sea sand’ is creating a lot of problems for the people living in Nijhum Dwip; construction of embankment is an immediate requirement to protect them from sea sand.

**Moh. Anwarul Haque (Chairman, Jahazmara Gram Sarker):**

Embankment is required to prevent tidal water entering from the *Khals*.

**Moh. Fakrul Hasan (President, Bandartila Janata Bazar Babsayee Samity):**

A ‘signal light’ is urgently required in the entrance of *Ajamkhali Khal*. Constructions of the road need to be completed soon.

**Moh. Anwarul Haque (Member, Jahajmara Gram Sarker):**

Lack of fund is one of the major constraints in reconstruction of the roads.

**Moh. Siraj Uddin (President, Muktikendre, Landless Development Organization):**

Forest department should hand over ‘20 years old lands’ for settlement as per agreement. There is more newly accreted land around Nijhum Dwip, Forest department should go there.

**Sahanara Begum (President, Mitali Mohila Unnayan Samity):**

Deer come out from the forest area and damage our crops and vegetables. Actions should be taken to restrict them in the forest.

**Moh. Afsaruddin (Asstt. Teacher, Bandartila Non Gov. Primary School):**

Number of deer in Nijhum Dwip should be reduced; forest department could sell them. This way government can earn money.

**Moh. Saiful Islam (Head Master, Bandartila Non-Govt. Primary School):**

Education facilities are very poor; there is primary school but not functioning well due to lack of fund. There is no furniture (bench, chair, table) for the students. Health facilities are very poor.

**Moh. Zahedur Rahman (Head Master, Nijhum Dwip Bidya Niketan):**

Electricity connection should be established. There are no recreation facilities, except television, even a playground.

**Shamsut Tibrij (Chief Co-ordinator, Dwip Unnayan Sangshta):**

There is no co-ordination between LGED and BWDB; these two departments could take an integrated approach to improve the communication network (road communication inside Nijhum Dwip).

**Moh. Yousuf (President, Khudra Baboshayee Unnayan Shangathan):**

Trawler is the only mode of transport in Nijhum Dwip, it would be helpful for us if a regular transportation network is established, at least weekly basis.

**Moh. Nurul Islam (Preident, Bandartila Non Govt. Primary School Management Committee):**

Transportation facilities are poor; fare is high. There is no timetable; the drivers operate as their wish.

**Priority Actions**

SLNo.	Items	Rating
<b>Safeguarding the availability of fresh water with regionalized water management</b>		
1	Water management and rural development in Greater Noakhali (GN) area	6
2	Action to mitigate drainage problems in Khulna region	1
3	Integrated management of coastal water infrastructure (Polders)	3
4	The development of an effective system of groundwater management	5
5	Strengthening sanitation and safe water supply programs in arsenic & salinity affected areas	5
<b>Optimizing use of coastal lands</b>		
6	Accreted land development and settlement: development of a sustainable process	12
7	Land use zoning for efficient use & management of land resources	4
8	Development of coastal agriculture	18
<b>Promoting economic growth emphasizing rural non-farm employment</b>		
9	Small and medium enterprise development on selected coastal trades	5
10	Development & employment generation through tourism	9
<b>Sustainable and equitable management of natural resources</b>		
11	Promotion and extension of environmental and socially responsive shrimp farming	6
12	Introduction and expansion of solar, tidal & wind energy in the remote coastal areas	10
13	Marine and coastal fisheries development program	3
<b>Environmental conservation</b>		
14	Completing and maintaining sea dykes as first level of defense against sea level rise	19
15	Strengthening of Coast Guard program for the improvement of peoples security and environmental conservation	2
<b>Improving livelihood conditions of people, specially women</b>		
16	Enhancement of livelihoods in chars and islands	27
17	Integrated development of remotely located island	17
18	Capacity building and skill development of female fish processors	5
19	Comprehensive rehabilitation program for erosion victims	21
20	Reduction of severe vulnerability through multi-purpose cyclone shelters - including coping mechanism	8
21	Veterinary services by private practitioners	2
<b>Empowering through knowledge management</b>		
22	Knowledge management and dissemination	18

SLNo.	Items	Rating
23	Regional and other framework studies	1
24	Capacity building and training	3
<b>Creating an enabling institutional environment</b>		
25	Operationalization of a Program Co-ordination Unit (PCU) at national level	1
26	Operationalization of an institutional and co-ordination mechanism involving local government at district level for the purpose of implementation	4
27	Supporting initiatives by LGIs, NGOs and media in coastal management	11
28	Empowerment through training of women members of UPs and Pourashavas	5
29	Establishment of IT supported model Unions in sea facing upazilas	4
30	Development of Communication Network	29

### List of Participants

Sl.	Name	Designation	Organization	Address	Phone/Fax/Email
1.	Moh. Abul Kalam	Chairman	Jahazmara Union Parishad	Jahazmara, Hatiya, Noakhali	0176-935407
2.	Shamsut Tibrij	Chief Co-ordinator	Dwip Unnon Sangshtha	PO: Saydia Bazar, Upazila: Hatiya, Noakhali	0172-878433
3.	A.K.M. Helal Uddin	Asstt. Professor (Bangla)	Sukhchar Azharul Ulum Fazil Madrasa	Vill: Gamchakhali, P.O: Mofizia/Khaserhat, Union: Charking, Hatiya, Noakhali	
4.	Champak Kumar DasGupta	Zonal Co-ordinator	Prishika	Proshika Manobillk Unnyan Kendra, Hatiya, Noakhali	0171-895979
5.	Md. Mosleh Uddin	Research Officer	BIDS	Agargaon, Dhaka	9143441
6.	Amirul Islam	Co-ordinator	HASI (Homeland Association for Social Improvement)	Oskhali, Hatiya, Noakhali	0176-277591
7.	Md. Abu Jafar Chowdhury	P.O. Incharge	HEED Bangladesh	Jahajmara Unit, Hatiya, Noakhali	0172-610964
8.	Moh. Nurul Islam	Preident, School Management Committee	Bandartila Non Govt. Primary School	Vill: Bandartila Bazar Area, PO: Nijhum Dwip, Upazila: Hatiya, Dist: Noakhali	
9.	Moh. Anwarul Haque	Member	Jahajmara Gram Sarker	Jahajmara, Hatiya, Noakhali	
10.	Moh. Abdul Baki	Businessman		P.O. Sukhchar, Hatiya, Noakhali	
11.	Harunur Rashid	CDO	GANEP-DANIDA	Oskhali, Hatiya. Noakhali	0172-604117
12.	Moh. Nur Uddin	Field Co-ordinator	Community Development Library	CDL, Hatiya Center, Hatiya, Noakhali	
13.	Moh. Abdur Rahim	Asstt. Teacher	Bandartila Non Govt. Primary School.	Nijhim Dwip, Bandartila, Hatiya, Noakhali	0173-101479
14.	Moh. Abdul Malek	Caretaker	Proshika	Oskhali, Hatiya, Noakhali	
15.	Moh. Afsaruddin	Asstt. Teacher	Bandartila Non Gov. Primary School	Bandartila, Nijhim Dwip, Hatiya, Noakhali	
16.	Moh. Abul Kalam	Sicial Worker		Jahajmara, Hatiya, Noakhali	
17.	Moh. Tafsir Uddin	Health Assistant		Jahajmara, Hatiya, Noakhali	
18.	Abu Sekander	UP Member	Jahajmara Union	Mak Parshan, Jahajmara, Hatiya, Noakhali	
19.	Moh. Nur Uddin	Field Organizer	Dwip Unnon Sangstha	Nijhum Dwip, Hatiya, Noakhali	0174-059677/0172-832452
20.	Moh. Azad	Secretary	Basundara Samity	Nijhum Dwip, Hatiya, Noakhali	0172-832452/0174-059677
21.	Moh. Dalil Uddin	Program Organizer (Education)	Dwip Unnon Sangstha	Bandartila Bazar, Nijhum Dwip, Hatiya, Noakhali	0172-570188
22.	Moh Alamgir	President	Water Management Committee	Sonadia, Hatia, Noakhali	
23.	Moh. Fakrul hasan	President	Bandartila Janata Bazar Bonik Samity	Nijhum Dwip, Hatiya, Noakhali	0174-059103 0176-354196
24.	Moh. Samsuddin	Secratery	Bandartila Janata Bazar Bonik Samity	Nijhum Dwip, Hatiya, Noakhali	0176-354196
25.	Moh. Taslim Uddin	President	Bandartila Bonik Samity	Bandartila Bazar, Nijhum Dwip, Hatiya, Noakhali	0172-570188
26.	Moh. Kamal Uddin	Member	Bandartila Bonik Samity	Vill: Mannach Gram, Nijhum Dwip,	0172-570188

Sl.	Name	Designation	Organization	Address	Phone/Fax/Email
				Hatiya, Noakhali	0174-028612
27.	Mozakker Hossain Ratan	Secretary	Nijhum Dwip Area Development Committee (LADC), CDSP	Vill+P.O. Nijhum Dwip, Hatiya, Noakhali	0174-059677
28.	Moh. Siraj Uddin	President	Muktikendre, Landless Development Organization	Nijhum Dwip	0174-059677/ 0172-832452
29.	Moh. Yousuf	President	Khudra Baboshayee Unnayan Shangathan	Nijhum Dwip, Hatiya, Noakhali	0174-059677 0173-111794
30.	Hafez Moh. Abu Yousuf	Pesh Emam	Shataful Jame Masjid	Shataful Jame Masjid, Nijhum Dwip, Hatiya, Noakhali	0174-059677
31.	Moh. Tajul Islam	UP Member	Jahajmara Union Parisad	Nijhum Dwip, Hatiya, Noakhali	
32.	Shafirul alam	UP Member	Jahajmara Union Parisad	Jahajmara Union Parisad, Hatiya, Noakhali	
33.	Abul Kashem	UP Member	Jahajmara Union Parisad	Makpashan, P.O. Natun Sukhchar, Hatiya, Noakhali	
34.	Muh. Siraj Uddin	Co-ordinator	Dwip Unnon Sangstha	Vill: Birbiri, P.O.: Jahajmara, U.P.: Jahajmara, Thana: Hatiya, Dist.: Noakhali	
35.	Maolana Abdul Halim (Selim)	Head Teacher	Nijhum Dwip Bandartila Madinatul Ulum Salimullah Madrasa	Bandartila, Vill: Moulavi gram, P.O. Nijhum Dwip, Hatiya, Noakhali	0174-059103 0176-354196
36.	Abul kalam	President	Dwipanjali Club	Hatia, Noakhali	
37.	Nasir Uddin	UP Member	Jahajmara Union	Char Heer, Ward no. 3, Jahajmara Union, Hatiya, Noakhali	
38.	Fazlul Karim (Bokhari)	Member	Nijhum Dwip Gram Sarkar	Nijhum Dwip Freedom fighter Area, P.O. Nijhum Dwip, Hatiya, Noakhali	
39.	Moh. Zahedur Rahman	Head Master	Nijhum Dwip Bidya Niketan	Nijhum Dwip, Hatiya, Noakhali	
40.	Moh. Saiful Islam	Head Master	Bandartila Non-Govt. Primary School	Vill: Bandartila Bazar, Nijhum Dwip, Hatiya, Noakhali	
41.	Mahmudul Karim (Mokari Mian0	President	Kalamchar Water Management Society	CDSP Bazar, MakParshan, Jahajmara, Hatiya, Noakhali	0174-063017
42.	Tahera Begum	President	Suria Kannaya Mohila Unnayan Samity	Bandartila, Vill: Munsigram, P.O. Nijhum Dwip, Hatiya, Noakhali	
43.	Salma Akter (Runa)	Teacher	Bandartila Non-Govt. Primary School	Vill: Bandakhali, PO: Nijhum Dwip Bandartila Bazar, Hatiya, Noakhali	
44.	Rahima Begum	President	Bristi Mohila Unnayan Samity	Vill: Hazi gram, P.O.: Nijhum Dwip (Bandartila Bazar), Hatiya, Noakhali	
45.	Shahena	President	Golap Mohila Unnayan Samity	Vill: Bandartila Bazar, P.O.: Nijhum Dwip (Bandartila Bazar), Hatiya, Noakhali	
46.	Sahanara Begum	President	Mitali Mohila Unnayan Samity	Vill.: Bandakhali, P.O.: Nijhum Dwip, Union: Jahajmara	
47.	Josna Begum	UP Member	Jahajmara Union Parisad	Vill: Birbiri, P.O.: Jahajmara, Hatiya, Noakhali	
48.	Rokea Begum	UP Member	Jahajmara Union Parisad	P.O. Jahajmara, Hatiya, Noakhali	
49.	Mos. Sufia Begum	NFPE Teacher	Dwip Unnon Sangstha	Bandartila Munsigram, P.O. Nijhum Dwip, Hatiya, Noakhali	0172-570188
50.	Mosa. Hajera Begum	Teacher,	Bandartila Non Govt. Primary School	Bandartila Bazar Alaka, P.O.: Nijhum Dwip, Hatiya, Noakhali	



**CHAR KUKRI MUKRI**

24 March 2005



## Introduction

The meeting started with Mr. Abdul Wadud Mia, Member of Char Kukri Mukri Union Parishad in the Chair.

Mr. Helal Uddin Tipu of the facilitating NGO DBS welcomed the participants and the guests from PDO-ICZMP and WARPO. Mr. Abu M Kamal Uddin, Senior National Expert, PDO-ICZMP described about the ICZMP project and the draft Coastal Development Strategy. Then the participants were invited to discuss on the ICZMP and proposed CDS. The participants put questions, which were answered by PDO/WARPO Team members. Then the participants made their comments and recommendations on priority actions for CDS. Mr. Abu M Kamal Uddin, and Dr. Aminul Hoque moderated the session. Mr. Md. Sayed Iftekhar, Research Officer, PDO-ICZMP took notes on comments and recommendations. At the later part of the meetings participants prioritized the actions from 29 proposed items, which were written in the flip charts, following voting process. Each participant was allowed to give five votes.

## Summary of Meeting

Island	Char Kukri Mukri		
<b>Date of consultation</b>	24 March 2005		
<b>Venue</b>	Char Kukri Mukri Bazaar		
<b>Meeting started at</b>	11:00 am		
<b>Meeting concluded at</b>	12:45 pm		
<b>Chief guest</b>			
<b>Chair/moderator</b>	Mr. Abdul Wadud Mia, Member, Char Kukri Mukri Union Parishad		
<b>WARPO/PDO team</b>	Mr. Abu M Kamal Uddin, Dr. Aminul Hoque, Md. Sayed Iftekhar		
<b>Summary of Participants</b>	Both sex	Female	Participating organizations
<b>Total</b>	45	2	
Government agency			
Local government	1		Union Parishad
NGOs/CBOs	2		Coast Trust, DBS
Civil society	5		Teacher, Student
Mass media			
Private sector	27	1	Businessman
Others	10	1	Housewife, Political party leader, Fisher, Farmer, Imam
<b>Summary of comments and suggestions given by the participants</b>	<ul style="list-style-type: none"> <li>• Protection against the tidal water is essential for the development of this Island.</li> <li>• Internal communication is also very necessary.</li> <li>• Communication with mainland and other islands is very important for development of the islanders' lifeworld.</li> <li>• Solar energy utilization has been started at limited scale. The NGO 'Coast' is spreading the technology. But it is costly and out of reach of the poor people. Moreover, the operation of the solar unit depends on the climatic condition.</li> <li>• Lack of educational facilities is a major problem. The existing institutes do not have teacher and school building/house.</li> <li>• The approach roads to the cyclone shelters are in bad condition and the number is also inadequate.</li> <li>• The major section (around 95%) of the society is dependent on catching crab and marine fish.</li> <li>• The people are suffering from shortage of safe drinking water. The number of tube-well is inadequate.</li> <li>• The health services are very poor. There are only two paramedics of an NGO. Special health services should be arranged for this island.</li> <li>• Aquaculture through Union Parishad can be a good option for income generation. In the Khas land 5-6 ponds can be excavated.</li> </ul>		

Island	Char Kukri Mukri
	<ul style="list-style-type: none"> <li>• Special programs can be taken for the development of the fishermen community. Loans and other facilities can be provided to the real fishers through Fishermen Cooperatives.</li> <li>• Agriculture loan, modern equipment, fertilizer and seeds, training and agriculture extension services are essential requirements for the development of the agriculture sector.</li> <li>• Submergence of agriculture field during high tide is a major problem for the farmers.</li> <li>• There is immense potential of marine fisheries industries development. The existing fish landing center should be improved.</li> <li>• River, island and forest based ecotourism facilities can be developed.</li> <li>• Each year Hilsha fish is caught worth of crores of taka. Proper storage facilities are needed.</li> <li>• Some internal canals of the island have been silted up; re-excavation is urgently important.</li> <li>• Comprehensive community development programs can be taken. BRDB can take the lead.</li> <li>• In absence of any government office, training and extension activities can be carried out through Union Parishad.</li> </ul>

### Comments and recommendations

#### **Mr. Elias, Businessman:**

Protection against the tidal water is the key factor for starting any kind of development. Internal communication is also very necessary. Communication with mainland and other islands is a factor for development of the islanders' life.

#### **Mr. Abdus Salam Hawlader, Businessman:**

Solar energy utilization has been started at limited scale. The NGO Coast is spreading the technology. But it is costly and out of reach of the poor people. Moreover, the operation of the solar unit depends on the climatic condition

#### **Mr. Naresh Chandra Roy, Student:**

Lack of educational facilities is a major problem. The existing institutes do not have teacher and school building.

#### **Mr. Noshu Bayati, Farmer:**

The approach roads to the cyclone shelters are in very bad conditions and the number is also inadequate. The major section (around 95%) of the society is dependent on crab and marine fish collection.

#### **Mr. Firoj Khan, Manager, Coast Trust:**

The people are suffering from shortage of safe drinking water. The number of tube wells is inadequate. The health services are very poor. There are only two paramedics of an NGO. Special health services should be arranged for this island.

#### **Mr. Al-Amin, Businessman:**

Aquaculture through Union Parishad can be a good option for income generation. In the Khas land 5-6 ponds can be excavated. Special programs can be taken for the development of the fishermen community. Loans and other facilities can be provided to the real fishers through Fishermen Cooperatives.

**Md. Siraj, Farmer:**

Agriculture loan, modern equipments, fertilizer and seeds, training and agriculture extension services are essential for the development of the agriculture sector. Submergence of agriculture field during high tide is a major problem for the farmers. There is immense potential of marine fisheries industries. The existing fish landing center should be improved.

**Mr. Basirullah, Imam:**

River, island and forest based ecotourism facilities can be developed.

**Abdul Odud Mia, Member, Char Kukri Mukri Union Parishad:**

Each year Hilsha fish is caught worth of crores of taka. Proper storage facilities are needed. Some internal canals of the island have been silted up. Comprehensive community development programs can be taken. BRDB can take the lead. In absence of any government offices training and extension activities can be carried out through Union Parishad.

**Consultation on CDS in Dhal Char:**

Date: 24 March 2005	Time: 9:00 – 1:15 pm
Place: Dhal Char, Char Fassion, Bhola	Number of Participants: 64

Proceedings: Local level consultation on CDS in a remote Island Dhal Char under Char Kukri Mukri Union, Char Fassion of Bhoal district was schedule for 24 March 2005. The PDO-ICZMP and WARPO team members had to return from the half way to Dhal Char from Char Fassion because of bad weather. The staff of the facilitating NGO DBS conducted the discussions with participants, especially about the priority actions for costal development. Followings are recommendations from Dhal Char:

- ◇ Ring embankment
- ◇ Deep tube-well
- ◇ Primary school
- ◇ Sapling distribution for plantation
- ◇ Distribution of boat and net among the common people
- ◇ Distribution of equipments and sewing machine among the women for small and cottage industries development
- ◇ Development of communication with other islands and mainland through sea-truck
- ◇ Establishment of health centers
- ◇ Give training to the village doctors
- ◇ Ensure proper treatment facilities for the livestock
- ◇ Canal excavation
- ◇ Establishment of cyclone shelters and killas
- ◇ Development of tourism infrastructures
- ◇ Development of communication infrastructures like bridges and culverts
- ◇ Starting sanitation program of the government
- ◇ Habitation in the newly accreted areas
- ◇ Development of agriculture
- ◇ Promote shrimp farming by giving loan without interest
- ◇ Training and awareness program on sanitation, tree plantation and skill development programs

- ◇ Primary and mass education programs
- ◇ Fisheries development program

### Priority Actions

Sl.No.	Items	Rating
<b>Safeguarding the availability of fresh water with regionalized water management</b>		
1	Water management and rural development in Greater Noakhali (GN) area	
2	Action to mitigate drainage problems in Khulna region	
3	Integrated management of coastal water infrastructure (Polders)	
4	The development of an effective system of groundwater management	
5	Strengthening sanitation and safe water supply programs in arsenic & salinity affected areas	
<b>Optimizing use of coastal lands</b>		
6	Accreted land development and settlement: development of a sustainable process	5
7	Land use zoning for efficient use & management of land resources	
8	Development of coastal agriculture	6
<b>Promoting economic growth emphasizing rural non-farm employment</b>		
9	Small and medium enterprise development on selected coastal trades	1
10	Development & employment generation through tourism	14
<b>Sustainable and equitable management of natural resources</b>		
11	Promotion and extension of environmental and socially responsive shrimp farming	10
12	Introduction and expansion of solar, tidal & wind energy in the remote coastal areas	9
13	Marine and coastal fisheries development program	1
<b>Environmental conservation</b>		
14	Completing and maintaining sea dykes as first level of defense against sea level rise	2
15	Strengthening of Coast Guard program for the improvement of peoples security and environmental conservation	1
<b>Improving livelihood conditions of people, specially women</b>		
16	Enhancement of livelihoods in chars and islands	12
17	Integrated development of remotely located island	8
18	Capacity building and skill development of female fish processors	
19	Comprehensive rehabilitation program for erosion victims	1
20	Reduction of severe vulnerability through multi-purpose cyclone shelters - including coping mechanism	
21	Veterinary services by private practitioners	
<b>Empowering through knowledge management</b>		
22	Knowledge management and dissemination	8
23	Regional and other framework studies	
24	Capacity building and training	7
<b>Creating an enabling institutional environment</b>		
25	Operationalization of a Program Co-ordination Unit (PCU) at national level	
26	Operationalization of an institutional and co-ordination mechanism involving local government at district level for the purpose of implementation	
27	Supporting initiatives of LGIs, NGOs and media in coastal management	
28	Empowerment through training of women members of UPs and Pourashavas	
29	Establishment of IT supported model Unions in sea facing upazilas	5
30	Completion and maintenance dykes around Char Kukri Mukri	35
31	Establishing Human Development Training through Union Council	5

## List of Participants

Sl.	Name	Designation	Organization	Address	Phone/Fax/Email
1.	Bazlur Rahman	Teacher		North Char Kukri Mukri	
2.	Abdul Gani Majumder	Secretary	Bazar Samity		
3.	Md. Jashim	President	Bazar Samity		
4.	Abdul Odud Mia	UP Member	Char Kukri Mukri Union Parishad		
5.	Firoj Khan	Coast Manager			
6.	Jahangir Alam	Businessman	Member, Bazar Samity		
7.	Md. Babul	Businessman	Member, Bazar Samity		
8.	Md. Ramij Mahmud	Student			
9.	Shahidul	Businessman	Member, Bazar Samity		
10.	Jamal	Businessman	Member, Bazar Samity		
11.	Abdul Hakim Chowdhury	President	BNP, Ward Committee		
12.	Mahfuz	Fisherman			
13.	Al-Amin	Businessman	Member, Bazar Samity		
14.	Abu Bakar	Fisherman			
15.	Elias	Businessman			
16.	Chan Mia	Businessman			
17.	Noman	Businessman			
18.	Md. Hanif	Businessman			
19.	Alamgir Majhi	Fisherman			
20.	Shanu	Fisherman			
21.	Md. Saiful Islam	Businessman			
22.	Md. Ismail	Businessman			
23.	Md. Siraj	Farmer			
24.	Md. Nannu Mia	Businessman			
25.	Naresh Chandra Roy	Student			
26.	Subash Chandra Roy	Businessman			
27.	Rahim Boyati	Businessman			
28.	Abu Bakkar	Businessman			
29.	Abdus Salam Hawlader	Businessman			
30.	Henje Ali	Businessman			
31.	Nasir Majumder	Farmer			
32.	Abul Kashem	Businessman			
33.	Rasel	Businessman			
34.	Reaz	Businessman			
35.	Bibi Moiram	Housewife			
36.	Noshu Bayati	Farmer			
37.	Md. Rakib Hossain	Student			
38.	Md. Sabuj	Student			
39.	Md. Firoj Alam	Businessman			
40.	Md. Saiful Matubbar	Businessman			
41.	Md. Nirob Hossain Rana	Businessman			
42.	Mosa. Shahinur	Business			
43.	Md. Siraj Chowdhury	Businessman			
44.	Basirullah	Imam			

### CHAPTER 3: UNION LEVEL CONSULTATION





MAGNAMA

06 March 2005



## Introduction

The local level consultation meeting on CDS in Maghnama started with Mr. Md. Yunus Chowdhury, Chairman, Maghnama Union Parishad in the chair. Mr. Monir Alam of the facilitating NGO SARPV-Bangladesh welcomed all the participants and guests. Then the guests and participants introduced by themselves. The chair of the meeting then gave his opening remarks.

Mr. M.A. Matin, Principal Scientific Officer, WARPO gave a presentation on ICZMP project (Objectives, outputs and current activities). Mr. Mohiuddin Ahmad, CO-Team leader, PDO-ICZMP, then presented the draft Coastal Development Strategy (CDS). After these two presentations a tea break was given. After half an hour tea break the participants were invited to participate in open discussion on CDS. Mr. Mohiuddin Ahmad moderated the discussion session. PDO team members took notes of the comments and concerns of the participants.

After the open discussion, the participants were requested to select five 'priority actions' considering their own contexts. Each of all participants selected five 'priority actions' from a list of proposed 29, which were listed in charts. The participants were also asked to recommend any other actions, beyond the listed 29, if they had, for the CDS.

Chair of the meeting Mr. Yunus Chowdhury then concluded meeting thanking the participants for their valuable comments and suggestions. He also thanked PDO-ICZMP, WARPO team for taking such steps to improve the livelihoods of coastal area, especially for arranging such consultation in union level.

PDO Team member thanked the Chairman of Maghnama Union, facilitating NGO SARPV and the participants for their support and contributions for CDS. Then the guests and participants were invited to join lunch.

## Summary of Meeting

<b>Union</b>	<b>Maghnama</b>		
<b>Date</b>	06 March 2005		
<b>Venue</b>	Maghnama High School, Maghnama		
<b>Starting time</b>	10:00 am		
<b>Closing time</b>	13:30 pm		
<b>Chief guest</b>			
<b>Chair</b>	Md. Yunus Chowdhury, Chairman, Maghnama Union Parishad		
<b>WARPO/PDO team</b>	Mr. M. A. Matin, Mr. Mohiuddin Ahmad, Mr. Mohammad Showkat Osman, Dr. Shamim Ara		
<b>Summary of Participants</b>	<b>Both sex</b>	<b>Female</b>	<b>Participating Organisations</b>
<b>Total</b>	<b>58</b>	<b>6</b>	
Government Agency	2	1	Health Department
Local Government	9	2	Maghnama Union Parishad
NGOs	17	3	CNRS, SARPV, OSED, BRAC, SHED, PUSTI,
Civil Society	24	0	Maghnama High School, Modhaya Maghnama Govt. Primary School, Pekua/Chowmuhani Pathology, Bangladesh Nationalist Party (BNP)
Mass Media			
Private Sector			
Others/CBOs	6	0	Pekua Upazila Salt Farmers & Salt Traders Coordination Council, Farmers
<b>Summary of comments and suggestions from the participants</b>	<ul style="list-style-type: none"> <li>• Rehabilitation and maintenance of polders and re-excavation of <i>khal</i> is required to remove drainage congestion.</li> <li>• Shrimp and salt farming is increasing the salinity of water as well as soil.</li> <li>• Deep tube well should be installed to encourage agriculture.</li> </ul>		

Union	Maghnama
	<ul style="list-style-type: none"> <li>• New tube well must be installed to ensure fresh water.</li> <li>• Alternate employment opportunity should be created.</li> <li>• Fish storage and processing facilities should be established.</li> <li>• Number of cyclone shelters needed to be increased.</li> <li>• Early signal for cyclone must be ensured.</li> <li>• Afforestation program is required as a protection against cyclone.</li> <li>• Proper monitoring system should be ensured to make afforestation sustainable.</li> <li>• Safe water and sanitation must be ensured.</li> <li>• Health care facilities should be improved; number of health workers must be increased.</li> <li>• More tube well is required for drinking water purpose.</li> <li>• Electricity facilities must be ensured in the every house of the union.</li> </ul>

### Comments and responses

#### **Abbas Ahmad Chowdhury (Social Worker):**

Rehabilitation and maintenance of polders is required to remove drainage congestion.

#### **Mohammad Foyzol Chowdhury (President, BNP, Maghnama Union Branch):**

Adequate number of sluice gates should be built for better drainage, and re-excavation of *khal* is required. In Maghnama 80% of the land is used for fish culture and salt farming while 20% is used for agriculture. This practice is harming the environment, increasing the salinity of water as well as soil. If the salinity of soil increased then poultry will also be affected badly. Deep tube well should be installed to ensure irrigation for agriculture.

#### **Harun-Al-Rashid Manik, (General Secretary, BNP, Maghnama Union Branch):**

Rehabilitation and maintenance of embankments is required immediately. Sluices were constructed to prevent saline water intrusion but present situation demands salt-water intrusion; so design of sluices must be changed/improved. New tube well must be installed to ensure fresh water.

#### **Abdullah Faruk (Social Worker):**

Alternative employment opportunities should be created for the fish fry collectors to stop fish fry collection.

#### **Abu Sayeed Chowdhury (Head Master, Modhaya Maghnama Govt. Primary School):**

Fish storage and processing facilities should be established, this would help fisherman to earn more money.

#### **Bentu Das (Field Supervisor, SHED):**

Number of cyclone shelters needed to be increased, early signal for cyclone must be ensured. Afforestation program is required for protection of embankment. Safe water and sanitation must be ensured.

#### **M. Moin Uddin (Health Assistant, Chokoria Upazila Health Complex):**

Health awareness program is needed to motivate people. Health care facilities should be improved; number of health worker must be increased. A health complex should be established in Chokoria Union.

#### **Mosharof Hossain (Agriculture Extensionist, SHED):**

Afforestation program is required to protect the coastal area from natural disaster. Proper monitoring system should be ensured to make afforestation sustainable.

**Mohammad Riazul Karim Chowdhury (Convenor, Agriculture Extensionist, Pekua Upazila Salt Farmers & Salt Traders Coordination Council):**

There is no work for salt farmers during monsoon; alternative employment must be created for them.

**Anjumon Ara Chowdhury (UP Member, Maghnama Union Parishad):**

More tube wells are required, electricity facilities must be ensured in every house of the union.

**Sayed Alam (UP Member, Ward No. 3, Maghnama Union Parishad):**

More deep tube wells should be installed to ensure fresh water for agriculture.

### Priority Actions

SLNo.	Items	Rating
<b>Safeguarding the availability of fresh water with regionalized water management</b>		
1	Water management and rural development in Greater Noakhali (GN) area	
2	Action to mitigate drainage problems in Khulna region	
3	Integrated management of coastal water infrastructure (Polders)	28
4	The development of an effective system of groundwater management	7
5	Strengthening sanitation and safe water supply programs in arsenic & salinity affected areas	16
<b>Optimizing use of coastal lands</b>		
6	Accreted land development and settlement: development of a sustainable process	
7	Land use zoning for efficient use & management of land resources	
8	Development of coastal agriculture	16
<b>Promoting economic growth emphasizing rural non-farm employment</b>		
9	Small and medium enterprise development on selected coastal trades	31
10	Development & employment generation through tourism	3
<b>Sustainable and equitable management of natural resources</b>		
11	Promotion and extension of environmental and socially responsive shrimp farming	3
12	Introduction and expansion of solar, tidal & wind energy in the remote coastal areas	6
13	Marine and coastal fisheries development program	1
<b>Environmental conservation</b>		
14	Completing and maintaining sea dykes as first level of defense against sea level rise	16
15	Strengthening of Coast Guard program for the improvement of peoples security and environmental conservation	1
<b>Improving livelihood conditions of people, specially women</b>		
16	Enhancement of livelihoods in chars and islands	1
17	Integrated development of remotely located island	1
18	Capacity building and skill development of female fish processors	8
19	Comprehensive rehabilitation program for erosion victims	3
20	Reduction of severe vulnerability through multi-purpose cyclone shelters - including coping mechanism	19
21	Veterinary services by private practitioners	4
<b>Empowering through knowledge management</b>		
22	Knowledge management and dissemination	12
23	Regional and other framework studies	
24	Capacity building and training	12
<b>Creating an enabling institutional environment</b>		
25	Operationalization of a Program Co-ordination Unit (PCU) at national level	1
26	Operationalization of an institutional and co-ordination mechanism involving local government at district level for the purpose of implementation	3
27	Supporting initiatives by LGIs, NGOs and media in coastal management	12
28	Empowerment through training of women members of UPs and Pourashavas	14
29	Establishment of IT supported model Unions in sea facing upazilas	10

## List of Participants

Sl.	Name	Designation	Organization	Address	Phone/Fax/Email
1.	Shajorunnesa	CNO	PUSTI	Mognama Bazar Para, Pekua, Cox's Bazar	
2.	Mohammad Shahidul Alam	Asstt. Head Master	Mognama High School	C/o Deputy Bari, Vill+PO-Boroitoli, Chokoria, Cox's Bazar	
3.	Md. Shihab Uddin	Secretary	Mognama Union Parishad	Mognama Union Parishad, Pekua, Cox's Bazar	0189647948
4.	Sayed Alam	UP Member	Ward No. 3, Mognama Union Parishad	Mognama Union Parishad, Pekua, Cox's Bazar	
5.	Md. Nurul Absar	Sr. Teacher	Mognama High School	Vill+PO-Pekua, Upazila- Pekua, Cox's Bazar	0188195632
6.	Monir Alam	Project In-charge (CIMMYT)	SARPV	Chokoria, Cox's Bazar	0172129406
7.	Nur Mohammad	UP Member	Mognama Union Parishad	Bazar Para, PO-Mognama, Pekua, Cox's Bazar	
8.	Md. Ziaul Haque	Agriculture Extensionist	SHED	SHED, Pekua, Cox's Bazar	0172552059
9.	Md. Yunus Chowdhury	Chairman	Mognama Union Parishad	Kak Para, Mognama, Pekua, Cox's Bazar	0189647948; 0176425703
10.	Jahanara Begam	C.N.O	Pusti	Mognama, Pekua, Cox's Bazar	
11.	Anjumon Ara	UP Member	Mognama Union Parishad	Mognama UP, Mognama, Pekua, Cox's Bazar	
12.	Harun-Al-Rashid Manik	General Secretary	Mognama Union Branch, Bangladesh Nationalist Party	Vill-Kalarpara, Union-Mognama, Pekua, Dist-Cox's Bazar	0176764239
13.	Abul Kashem	Village Leader		Father-Siddique Ahamed, Mogghona, Pekua, Cox's Bazar	
14.	Rehena Begam	UP Member	Mognama Union Parishad	Mognama UP, Mognama, Pekua, Cox's Bazar	
15.	Abdullah Faruk	Mechanic		Mognama, Pekua, Cox's Bazar	0171716567
16.	Jashim Uddin Ahmmad	M&E Person	SARPV Bangladesh	SARPV Bangladesh, Chokoria, Cox's Bazar	0172129406
17.	Bentu Das	Field Supervisor	SHED	SHED, Choumuhuni, Pekua, Cox's Bazar	0176159698
18.	Mosharof Hossain	Agriculture Extensionist	SHED	SHED, Chokoriaa, Cox's Bazar	0176046437
19.	Mohammad Foysol Chowdhury	President	Bangladesh Nationalist Party, Mognama Union Branch	Vill-Mognama (old Bohoddar Para), PO-Mognama, Upazila- Pekua, Dist-Cox's Bazar	0175033169
20.	Mohammad Harunur Rashid	Doctor	SARPV Bangladesh	Mognama, Bohoddar Para, Pekua, Cox's Bazar	0176285923
21.	Rabindra Chandra Das Rabi	Field Trainer	Center for Natural Resource Studies (CNRS)	CNRS Unit Office, Pekua, Cox's Bazar	0176475057
22.	M. Moin Uddin	Health Assistant	Chokoria Upazila Health Complex	Vill+PO-Mognama, Upazila-Pekua, Cox's Bazar	0176338272 (on request)
23.	Mohammad Nayeemul Karim	Social Worker		Father-Late Master Mahmudul Karim Chowdhury, Vill+PO-Mognama, Ward No.07, Pekua, Cox's Bazar	
24.	Md. Abdullah Sarkar	Area Manager	BRAC - Pekua	BRAC-Pakua, Shekherkilla Ghola, Pekua, Cox's Bazar	0176338273
25.	Kazi Maksodul Alam	Program Manager	SARPV Bangladesh	SARPV Bangladesh, Chokoria, Cox's Bazar	03422-56413; 56305; 0172165407 amdcox@bttb.net.com kazimohid@yahoo.com.uk
26.	Md. Riazul Karim Chowdhury	Convenor	Pekua Upazila Salt Farmers & Salt Traders Coordination Council	C/o Alhaj Mahmudul Karim Chowdhury, Vill+PO-Mognama, Upazila-Pekua, Cox's Bazar	0176876839 hihangel@yahoo.com
27.	Farid Ahammad	UP Member	Mognama Union Parishad	Vill+PO-Mognama, Upazila-Pekua, Cox's Bazar	0178004487
28.	Md. Shah Alam	UP Member	Mognama Union Parishad	Vill+PO-Mognama, Upazila-Pekua, Cox's Bazar	0173601339

Sl.	Name	Designation	Organization	Address	Phone/Fax/Email
29.	Sirajur Rahman Towheed	Project Manager	OSD-Chokoria	Bhora Muhury, Chokoria Pourashava, Chokoria, Cox's Bazar	0189645161
30.	Md. Kaium	Student		Pekua, Cox's Bazar	0176319257
31.	Moinul Mostafa	Student		Mognama Sikder Bari, Upazila- Pekua, Cox's Bazar	0176065631
32.	Nasir Uddin (Sagar)	Social Worker		Mognama, Mogghona, Upazila- Pekua, Cox's Bazar	0178005119
33.	Abu Taleb	Social Worker		Mognama	
34.	Ashraful Karim	President	JCD, Ward No.8, Mognama Union	Mognama Zamidar Bari, Upazila- Pekua, Cox's Bazar	0178005119
35.	Ridwanul Haque Tanim	Vice-President	JCD, Ward No.4, Mognama Union	Mognama Sikder Bari, Upazila- Pekua, Cox's Bazar	0176741172
36.	Md. Ikram Hossain	Student	Mognama High school	Mognama Zamidar Bari, Upazila- Pekua, Cox's Bazar	0171716567
37.	Sayed Mohammad Maruf-ul-Hasan	President,	JCD Mognama High School	Mognama Sikder Bari, Upazila- Pekua, Cox's Bazar	01716567
38.	Md. Sharafat Ullah Chowdhury	President	JCD Mognama Unionl	Mognama Sikder Bari, Upazila- Pekua, Cox's Bazar	01716567
39.	Ekram Miah	Farmer		Ekram Miah, Mognama, Pekua, Cox's Bazar	01716567
40.	Md. Abul Kashem	Farmer		Vill+PO-Mognama, Upazila-Pekua, Cox's Bazar	01716567
41.	Nasir Uddin	Member	Mognama High School Commity managing Committee	Mognama Boarding Para, Pekua, Cox's Bazar	
42.	SM Akhtar Imam	Prodiपालoy In- charge	SARPV Bangladesh	Chokoria Upazila Parishad Road, Chokoria	03422-56305
43.	Abidur Rahman	Acting Officer	SARPV Bangladesh	Chowmuhani, Tekpara, Cox's Bazar	011738177; 0172165407
44.	Ummal Kulsum	Finance & Admin. Officer	SARPV Bangladesh	Chokoria, Cox's Bazar	03422-56305; 0172129403
45.	Nurul Alam	Farmer		Mognama, Upazila-Pekua, Cox's Bazar	
46.	Ansarul Islam	Social Worker		Ansarul Islam, Mognama Muhury Para, Pekua, Cox's Bazar	0173608749
47.	Ruhul Amin	Farmer		Vill+PO-Mognama, Upazila-Pekua, Cox's Bazar	
48.	Master Mohammad Omar Faruk	Social Worker		Vill+PO-Mognama, Upazila-Pekua, Cox's Bazar	
49.	Abul Kalam	Service Holder		Vill+PO-Mognama, Upazila-Pekua, Cox's Bazar	
50.	Md. Anowar	UP Member	Ward No. 5	Md. Anowar, Father-Late Shamsu Miah, Vill+PO-Mognama, Upazila- Pekua, Cox's Bazar	
51.	Anowar Hossain	Social Worker		Vill+PO-Mognama, Upazila-Pekua, Cox's Bazar	
52.	Nurul Hamid	UP Member	Mognama Union Parishad	Mognama Union Parishad, Upazila- Pekua, Cox's Bazar	
53.	Abbas Ahmad Chowdhury	Social Worker		Vill+PO-Mognama, Upazila- Chokoria, Cox's Bazar	
54.	Abu Sayeed Chowdhury	Head Master	Modhaya Mognama Govt. Primary School	Mognama, Pekua, Cox's Bazar	0172972911
55.	Hazi Mohammad Toyeb	UP Member	Mognama Union Parishad	Mognama Union Parishad, Upazila- Pekua, Cox's Bazar	
56.	Ashraful Majid	UP Member	Mognama Union Parishad	Mognama Union Parishad, Upazila- Pekua, Cox's Bazar	
57.	Abu Bakar Siddique	Senior Teacher	Mognama High School	PO-Mognama, Upazila-Pekua, Cox's Bazar	0176338272
58.	Nasir Uddin Ahmad	Sr. Pathology Technician		Pekua/Chowmuhani Pathology Center, Pekua, Cox's Bazar	0176496715
59.	Sabina Yeasmin Baby	Senior Staff Nurse		Pekua Zobed Hospital, Pekua, Cox's Bazar	0176496715



RAYENDA

12 March 2005



## Introduction

The meeting started with Mr. Swapan Kumar Baral, UNO, Sharankhola Upazila in the Chair. Ms. Rehana Akhter, Biodiversity Conservation and Environmental Expert, PDO-ICZMP and Mr. Rezaul Karim, Senior Scientific Officer, WARPO were present as special guests. Session started with welcome address by Mr. Wahiduzzaman of facilitating NGO Nabolok. Then Mr. Swapan Kumar Baral, UNO, Sharankhola Upazila delivered his opening speech.

Mr. Rezaul Karim of WARPO made a presentation on ICZMP project and then Ms. Rehana Akhter of PDO-ICZMP made a presentation on the draft Coastal Development Strategy. After the presentations a tea break was given. After tea break the participants were invited to take part in open discussions. The participants made their comments and recommendations on 'priority actions' for CDS. Ms. Rehana Akhter and Mr. Rezaul Karim moderated the session. Other members of PDO-ICZMP team (Md. Sayed Iftekhar, Research Officer, PDO-ICZMP and Mr. Akhtaruzzaman, Scientific Officer, WARPO) took notes on comments and recommendations of the participants.

At the later part of the meeting participants prioritized the actions in the flip charts following voting process. Each participant prioritized five actions for CDS. At the end Sayed Iftekhar of PDO-ICZMP thanked the participants, local administration and facilitating NGO for their whole-hearted cooperation and participation.

## Summary of Meeting

Union		Rayenda	
<b>Date of consultation</b>	12 March 2005		
<b>Venue</b>	Upazila Parishad Auditorium		
<b>Meeting started at</b>	11:36 am		
<b>Meeting concluded at</b>	2:15 pm		
<b>Chief guest</b>			
<b>Chair/moderator</b>	Mr. Swapan Kumar Baral, UNO, Sharankhola Upazila		
<b>WARPO/PDO team</b>	Ms. Rehana Akhter, Mr. Rezaul Karim, Md. Sayed Iftekhar, Mr. Akhtaruzzaman		
<b>Summary of Participants</b>	Both sex	Female	Participating organizations
<b>Total</b>	50	4	
Government agency	13	1	Upazila Administration, Department of Education, Department of Health, Ansar & VDP, Bangladesh Police, DAE, Department of Youth Development, Fisheries Department, Department of Livestock, BWDB
Local government	9	2	Union Parishad
NGOs/CBOs	10	1	Agradut Club, RIC, Dak Diye Jai, Prodipan, Nabolok Women's Group, Nabolok
Civil society	9		Rayenda Pilot High School, Sharankhola Degree College, Sonatila Islami Alim Madrashah, Khada Alhaj Gogon Memorial Madrashah, Rayenda Bazar Islamia Dakhil Madrashah, R.K.D.S. Pilot High School, Sharankhola Degree College, BK Girls School
Mass media	5		Dainik Dinkal, Ajker Kagoj, Press Club, Dainik Manobjamin, Daily Ittefaq, NNB
Private sector			
Others	4		Bangladesh Scouts, Social Worker, Jatiobadi Shromik Dal
Summary of comments and suggestions given by the participants	<ul style="list-style-type: none"> <li>• Most of the development activities are uncoordinated. So, coordinated development programs are needed. The Coastal Development Strategy can ensure coordinated coastal development programs. But planning should be developed through proper consultations.</li> <li>• Dredging and re-excavation of the rivers is crucial for the regional water management. The vigor of the Sundarbans ecosystem is depending on it.</li> <li>• Green house affect is posing a severe threat to Bangladesh in general and to the</li> </ul>		

Union	Rayenda
	<p>Coastal Zone in particular.</p> <ul style="list-style-type: none"> <li>• Wider representation and consultation at grass root levels is a must for the Coastal Development Strategy formulation.</li> <li>• The infrastructures (especially water management and communication) are not in good order due to irregular and improper maintenance.</li> <li>• The embankments constructed by BWDB have become a trap for the people. They are creating water logging and also they are not sufficient to riverbank protection.</li> <li>• Salinity intrusion is a major problem here.</li> <li>• Rivers are silted up and the influential and elites (<i>jotdar</i>) are capturing them. Retrenching of the captured land and distribution of these lands among the landless people is needed.</li> <li>• A balanced habitation programs can be taken.</li> <li>• The region is disaster prone/affected.</li> <li>• The farmers are suffering from lacking of storage facilities.</li> <li>• Establishment of windmills for power generation can be tried out. Establishment of Paper Mill based on the Gewa tree can be another option.</li> <li>• The Sundarban based tourism activities has a huge potential here. Sharankhola has much more potentials.</li> <li>• Corruption is the menace, which is taking away the cream of development.</li> <li>• Regional water management plan is needed. Excavation of canals and re-excavation of canals, ponds and rivers are necessary to ensure fresh water supply to the region.</li> <li>• There are technological changes. People's demand and perception have also changed. So planning should be made to full-fill today's and future demand.</li> <li>• BWDB is maintaining the embankments under the CERP project. But shortage of budget and manpower is the main constraint. Access to information is another factor. Moreover there is no routine maintenance budget.</li> <li>• Zoning is a pre-requisite for any development activities. Areas should be selected based on opportunities and vulnerabilities.</li> <li>• Identification of the country's boundary in the Bay of Bengal should be done immediately.</li> <li>• The fishermen are the most vulnerable community. They face the natural disasters most severely. Moreover, the Indian Navy arrests them while fishing in the deep sea.</li> <li>• There are potentials for the Sundarban based small and cottage industries development.</li> <li>• The accountability of the law enforcing agencies (especially Coast Guard) should be ensured.</li> <li>• A registrar of the river erosion victims can be maintained at the Union Parishad office. This list can be used in the process of Khas land distribution.</li> <li>• Regionalized water management and rural development programs should be taken for the whole coast, not only for some selected regions like Noakhali or Khulna.</li> <li>• The people are suffering from shortage of drinking water.</li> <li>• For the maintenance of the water management infrastructures 'benefit sharing mechanism' can be strengthened. Capacity of Union Parishad should be strengthened for effective role in this process.</li> <li>• Utilization of the local resources can be a good source of earning for the Upazila Parishad and Union Parishad.</li> </ul>

## Comments and recommendations

### **Mr. Anwar Hossain Panchayet, Chairman, 4 No. Southkhali Union Parishad:**

Wider representation and consultation at grass root level is a must for the Coastal Development Strategy formulation. Local elites and influential persons could be included in this meeting.

### **Mr. Manjurul Karim Enayet, Convenor, Jatiyatabadi Sramik Dal:**

Management of water resources is the key to the development of this area. Saline water is intruding and rivers are getting silted up. The river *Bhola* has already been silted. The work of BWDB is not satisfactory. Embankments and sluices are not in good condition due to lack of maintenance. The embankments should be properly designed, constructed and maintained. The operation of the sluice gates should be properly managed. The people are suffering from lack of fresh water. Canal re-excavation is necessary in this regard.

New lands are raised in the rivers due to siltation. But land grabbing by the local elites and *jotdar* is a huge problem. Those lands should be recovered and distributed among the landless people. There should be a settlement and rehabilitation plan so that unplanned settlement can be stopped.

Recently the Rayenda Upazilla is prospering in potato cultivation. Building of cold storage in this area can give a positive thrust to that prosperity. There is a good opportunity for developing this area as a tourist zone due to the proximity of Sundarbans mangrove forest. Wind can be another potential source for energy generation.

### **Mr. Ranjit Kumar Mandol, Sub-assistant Engineer, Bagerhat, BWDB:**

The polders were constructed during 1960s to protect the land from saline water intrusion. It was not designed for irrigation or shrimp cultivation purposes. But due to climate change and changes in people's demand and technology the polders are becoming ineffective. The manpower and budget of BWDB is also very limited. Embankments should now be designed, constructed and maintained using latest technology. Under the CERP project BWDB has tried to repair and maintain embankments in this region. Re-excavation of the canals is necessary to restore the drainage facilities. Budget allocation for the routine maintenance of infrastructures built by BWDB needs to be started again. The manpower of BWDB should also be increased.

### **Md. Anwar Hossain, Secretary, Bangladesh Scouts, Sarankhola:**

There is a good opportunity for developing this area as a 'tourist zone', using the advantage and attractions of Sundarbans mangrove forest.

### **Md. Sirajul Islam, Sub-Assistant Agricultural Officer (BS) Rayenda, Directorate of Agricultural Extension:**

Presently the sluice gates have become trap for the farmers due to improper operation and maintenance. Sweet water needs to be preserved in canals and ponds.

### **Mr. Asaduzzaman Milon, Correspondent, Daily Ittefaq, N.N.B and General Secretary, Sarankhola Press Club:**

Zoning is a pre-requisite for any development activities. Areas should be selected based on opportunities and vulnerabilities. Demarcation of the country's boundary in the Bay of Bengal should be done immediately. The fishermen are the most vulnerable. They are the victims of natural disasters most severely. Moreover, sometimes the Indian Navy while fishing in the deep sea arrests them. There is potential for the Sundarban based small and cottage industries development. The accountability of the law enforcing agencies (especially Coast Guard) should be ensured. A registrar of the river erosion victims can be maintained at the Union Parishad office, which can be used at the time of Khas land distribution. Regionalized water management and rural development programs

should be taken up for the whole coast, not only for some selected regions like Noakhali or Khulna. The people suffer from shortage of drinking water. Re-excavation of *Bhola* River is very important. Due to the siltation in the *Bhola* River, tigers, deer often enter the human settlements. Development of tourism industry in this region should start from Sharankhola instead of Mongla. Handicraft industry based on resources of Sudarban can be developed.

**Md. Ashadul Haque, Program Officer, Dak Diye Jai:**

Water management and rural development is required in the whole coastal area. Saline water intrusion in the ground water must be stopped. *MathaBhanga* River should be re-excavated. Fresh water flow in the upstream is essential.

**Md. Obaidul Huq, Super, Khada Alhaj Gogun Memorial Madrasa:**

A paper mill, based on the raw materials from the Sundarbans, can be established in Sharankhola. Maintenance of the ponds, which are used for sources of drinking water must be ensured. Management of re-excavation work of canals is needed. Cultivation of different variety of crops should be encouraged.

**Mr. Mollah Isahak Ali, Chairman, 3 no. Rayenda Union:**

For the maintenance of the water management infrastructure benefit sharing mechanism can be strengthened. Union Parishad can be more effectively integrated. Utilization of the local resources can be a major source of earning income for the Upazila administration and Union Parishad.

**Priority Actions**

SlNo.	Items	Rating
<b>Safeguarding the availability of fresh water with regionalized water management</b>		
1	Water management and rural development in Greater Noakhali (GN) area	
2	Action to mitigate drainage problems in Khulna region	2
3	Integrated management of coastal water infrastructure (Polders)	11
4	The development of an effective system of groundwater management	2
5	Strengthening sanitation and safe water supply programs in arsenic & salinity affected areas	18
<b>Optimizing use of coastal lands</b>		
6	Accreted land development and settlement: development of a sustainable process	5
7	Land use zoning for efficient use & management of land resources	
8	Development of coastal agriculture	18
<b>Promoting economic growth emphasizing rural non-farm employment</b>		
9	Small and medium enterprise development on selected coastal trades	12
10	Development & employment generation through tourism	17
<b>Sustainable and equitable management of natural resources</b>		
11	Promotion and extension of environmental and socially responsive shrimp farming	9
12	Introduction and expansion of solar, tidal & wind energy in the remote coastal areas	
13	Marine and coastal fisheries development program	4
<b>Environmental conservation</b>		
14	Completing and maintaining sea dykes as first level of defense against sea level rise	5
15	Strengthening of Coast Guard program for the improvement of peoples security and environmental conservation	2
<b>Improving livelihood conditions of people, specially women</b>		
16	Enhancement of livelihoods in chars and islands	4
17	Integrated development of remotely located island	
18	Capacity building and skill development of female fish processors	3
19	Comprehensive rehabilitation program for erosion victims	10
20	Reduction of severe vulnerability through multi-purpose cyclone shelters - including coping mechanism	1
21	Veterinary services by private practitioners	1
<b>Empowering through knowledge management</b>		

Sl.No.	Items	Rating
22	Knowledge management and dissemination	2
23	Regional and other framework studies	
24	Capacity building and training	2
<b>Creating an enabling institutional environment</b>		
25	Operationalization of a Program Co-ordination Unit (PCU) at national level	1
26	Operationalization of an institutional and co-ordination mechanism involving local government at district level for the purpose of implementation	
27	Supporting initiatives of LGIs, NGOs and media in coastal management	1
28	Empowerment through training of women members of UPs and Pourashavas	1
29	Establishment of IT supported model Unions in sea facing Upazilas	3

### List of Participants

Sl.	Name	Designation	Organization	Address	Phone/Fax/Email
1.	Md. Abdul hamid Talukder	Head Master	Rayenda Pilot High School	Rayenda Pilot High School, Rayenda, Sarankhola, Bagerhat	
2.	Md. Al Amin Khan	Student	Sarankhola Degree College	C/O Dalil Uddin Khan. P.O. Rayenda, Sarankhola, Bagerhat	
3.	Md. Abul Bashar Khan	Student	Sarankhola Degree College	Rayenda Bazar, Sarankhola, Bagerhat	
4.	Swapan Kumar Baral	UNO	Sarankhola Upazella	UNO, Sarankhola, Bagerhat	0171-117545
5.	Md. Nuruzzaman Shaheen	Journalist	Dainik Dinkal	Sarankhola Press Club, Sarankhola, Bagerhat	0171-981518
6.	Aminul Islam	Correspondent and Executive Member	Ajker Kagoj and Sarankhola Press Club	Rayenda Bazar, Sarankhola, Bagerhat	0468-62740 Ex-36 0171-131466
7.	Maolana Md. Faruk Ahmed Khan	Principal	Sontila Islami Alim Madrasa	Vill+P.O.:Sonatala Sarankhola, Bagerhat	0176-715088
8.	MdhuSudan Saha	Upazila Project Officer (FSSP)	Education Department	Sarankhola, Bagerhat	0468-62781 - 18
9.	Md. Obaidul Huq	Super	Khada Alhaj Gogon Memorial Madrasa	Rayenda, Shorankhola, Bagerhat	
10.	Mos. Laily Kanchon	UP Member	3 no. Rayenda Union Parishad	Vill: Dakhin Rajapur, P.O.: R. Sarankhola, Bagerhat	
11.	Md. Shahabuddin Akon	Office Assistant	Rayenda Bazar Islamia Dakhil Madrasa	Rayenda Bazar (Kadamtola), PO. Rayenda, Sarankhola, Bagerhat	
12.	Md.Yunus Ali	Branch Manager	Resource Integration Center (RIC)	Rayenda, Sarankhola, Bagerhat	0176-658964
13.	Md.Ashadul Haque	Program Officer	Dak Diye Jai	Morelganj, Bagerhat	04656-56122
14.	Md. Nurul Islam	Executive Assistant	Agradut Club	Rayenda, Sarankhola, Bagerhat	0171-481809
15.	Md.Anwar Hossain	Secretary	Bangladesh Scouts, Sarankhola	P.O.: Rayenda, Sarankhola, Bagerhat	0176-079769
16.	Nakib Kamruzzaman	Secretary	Rayenda Union Parisad	3 no. Rayenda U.P., Sarankhola, Bagerhat	
17.	Rokeya Khatun	Health Assistant	Sarankhola Health Complex	Rayenda Bazar, Sarankhola, Bagerhat	
18.	M.A. Rashid	UP Member, Ward no.1	3 no. Rayenda U.P.	Father :Mofiz Uddin Mollah, Vill+ PO.:Rajapur Bazar, Sarankhola, Bagerhat	
19.	Abdul Latif Mollah	Sr. Teacher	R.K.D.S. Pilot High School	P.O.:Rayenda, Sarankhola Bagerhat	
20.	M.Easin Ali	Upazila Ansar & V.D.P. Officer	Ansar & V.D.P	Sarankhola Bagerhat	
21.	Amir Ashraf	Field Supervisor	Prodipan	Prodipan, Rayenda, Sarankhola Bagerhat	0172-250033
22.	Md. Waliar Rahman	Vice Principal	Sarankhola Degree College	P.O. Rayenda, Sarankhola, Bagerhat	0176-495029
23.	Mrs. Sagar	UP Member	Rayenda Union Parishad	Rayenda Bazar, P.O. Rayenda, Bagerhat	
24.	M. Mizanur Rahman	UP Member	Rayenda Union Parishad	Rayenda Bazar, P.O. Rayenda,	0178-015318

Sl.	Name	Designation	Organization	Address	Phone/Fax/Email
				Bagerhat	
25.	Tulu Rani Shill	Member, Women's Group	Nabolok	Vill: East Amragachia, P.O: Amragachia, Union: Dhansagar, Upazila: Sarankhola, Dist.: Bagerhat	
26.	Dr. Md. Shafiqul Islam	Upazila Health & F.P. Officer	Upazila Health Complex	Upazila Health Complex, Sarankhola, Bagerhat	62741 ext-08
27.	Mahidul Islam	Journalist	Daily Manob Zamin	Rayenda Bazar-9330, Sarankhola, Bagerhat	
28.	Hari Deb Nath	Officer -In-charge	Sarankhola P.S.	Sarankhola, Bagerhat	0171-365109
29.	Asaduzzaman Milton	Correspondent and General Secretary	Daily Ittefaq, N.N.B and Sarankhola Press Club	Rayenda Bazar-9330 Sarankhola, Bagerhat	
30.	T.M. Moniruzzaman Masum	Social Worker		Rasulpur Bazar, Sarankhola, Bagerhat	
31.	Md. Ekramul Kabir (Kitchu Talukder)	UP Member	2 no. Mostahat Union	Vill: Golbunia, P.O.: Rayebda, Sarankhola, Bagerhat	0172-076245
32.	Manjurul Karim Enayet	Convenor	Jatiatabadi Chromik Dal	Vill: Khada, P.O. Rayenda Bazar, Sarankhola, Bagerhat	0172-546140
33.	Md. Fazlul Haque	Sub- Asstt. Agricultural Officer	Agriculture Department	Sarankhola, Bagerhat	
34.	M.D..Abdul Hai	C.S	Directorate of Youth Dev.	Sarankhola, Bagerhat	
35.	Md. Abdul Mannan Hawlader	Asstt. Fisheries Officer	Department of Fisheries	Upazila Fisheries Office, Sarankhola, Bagerhat	47 ext Sarankhola
36.	Babu Dilip Kumar Nath	F.A (A.I)	Livestock Department	Office of the Upazila Livestock Officer, Sarankhola, Bagerhat	46 ext Sarankhola
37.	Md. Shahajahan (Badal)	UP Member	3 no. Rayenda Union	Vill: Rayenda, P.O. Takalbari, Sarankhola, Bagerhat	0171-299132
38.	S.M. Shamim Ehsan	Project Implementation Officer	Sharankhola Upazella	Sarankhola, Bagerhat	0176-077644
39.	S.M. Zahid Hossain	Upazila Youth Development Officer	Department of Youth Development	Sarankhola, Bagerhat	0176-362641
40.	Md. Matiar Rahman Khan	Head Master	B.K Girls School	Vill: Khontakata, P.O. Khontakata Bazar, Sarankhola, Bagerhat	0176-952303
41.	Moral Bellal Hossain	Program Organizer	Nabolok	Sumon Vila, Patch Raster More, Rayenda, Sarankhola, Bagerhat	
42.	Shankar Ranjan Sarkar	Program Co-ordinator	Nabolok	73, South Central Road, Khulna	720155
43.	Md. Jamal Hawlader	Group Member	Nabolok	Amragachia Bazar, Sarankhola, Bagerhat	
44.	Md. Anwar Hossain Panchayet	Chairman	4 no. Southkhali Union Parishad	4 no. Southkhali Union Parishad, Sarankhola, Bagerhat	0171-667029
45.	Mollah Isahak Ali	Chairman	3 no. Rayenda Union	Vill: Rayenda, P.O. Rayenda Bazar, Sarankhola, Bagerhat	0176-075951; 0172-181019
46.	Md. Abul Kalam Azad	Program Organizer	Nabolok	Sarankhola, Bagerhat	
47.	Md. Irfan Ahmed Khan	Project Manager	Nabolok	73, South Central Road, Khulna	041-720155; Fax: 721882 <a href="mailto:nableok@khulna.bangla.net">nableok@khulna.bangla.net</a>
48.	Md. Sirajul Islam	Sub-Asstt. Agricultural Officer (BS)	Ditectorate of Agricultural Extension	Upazila Agricultural Office, Sarankhola, Bagerhat	19
49.	Humayun Kabir	Journalist, Office Secretary	Sharankhola Press Club	Sharankhola Press Club, P.O. Rayenda, Sarankhola, Bagerhat	0173-952049
50.	Ranjit Kumar Mandol	Sub-Assistant Engineer	BWDB	Bagerhat	62195 (o); 62345 (r)





CHAR KAJAL

03 April 2005



## Introduction

Mr. Ali Ahmmad Akon, Chairman, Char Kajol Union Parishad, chaired the local level consultation meeting on CDS in Char Kajol under Golachipa Upazila of Patuakhali district. Mr. Mezbah Uddin, Upazila Nirbahi Officer of Golachipa Upazila was the chief guest. Dr. Khurshed Alam, Institutional Expert, PDO-ICZMP was present as special guest. Md. Sayed Iftekhar, Research Officer, PDO-ICZMP welcomed the guests and participants. The participants were then requested to introduce by themselves. Then Mr. Mezbah Uddin gave his opening speech.

PDO-ICZMP/WARPO team members made two presentations in the meeting. Mr. A. B. M. Golam Faruque, Scientific Officer of WARPO gave presentation on ICZMP project and Dr. Khurshed Alam of PDO-ICZMP gave presentation on draft Coastal Development Strategy (CDS). After the presentations a tea break was given. After tea break the participants were invited to discuss on the draft CDS. The participants made their comments and recommendations on priority actions for CDS. Dr. Khurshed Alam moderated the open discussions session. Mr. A. B. M. Golam Faruque of WARPO and Md. Sayed Iftekhar, Research Officer, PDO-ICZMP took notes on comments and recommendations.

After open discussions the participants were asked to prioritize actions for the CDS, considering the local contexts. Each of all participants voted for five 'priority actions' among from 29 proposed actions, which were listed in flip charts. The participants were also asked to make recommendations as priority actions for CDS beyond the listed 29, if they had any. Then the chair concluded the meeting by giving his closing remarks. He thanked the PDO-ICZMP and WARPO for organizing this consultation meeting in Char Kajol that gave scope for the Char Kajol stakeholders to talk about coastal development strategy, which was for the first time for them having this kind of opportunity of giving opinions for national policy document like Coastal Development Strategy. He thanked a lot SAP Bangladesh, the facilitating NGO, for their sincere help organizing this consultation meeting in Char Kajol. Then the participants and guests were invited to join lunch.

## Summary of Meeting

Union (Island)	Char Kajol		
<b>Date of consultation</b>	3 April 2005		
<b>Venue</b>	Char Kajol Union Parishad Office		
<b>Meeting started at</b>	11:00 am		
<b>Meeting concluded at</b>	1:58 pm		
<b>Chief guest</b>	Mr. Mezbah Uddin, Upazila Nirbahi Officer, Golachipa Upazila Parishad		
<b>Chair/moderator</b>	Mr. Ali Ahmmad Akon, Chairman, Char Kajol Union Parishad		
<b>WARPO/PDO team</b>	Dr. Khurshed Alam, Mr. G. J. N. Murshed, Mr. A. B. M. Golam Faruque, Mr. Md. Sayed Iftekhar		
<b>Summary of Participants</b>	<b>Both sex</b>	<b>Female</b>	<b>Participating organizations</b>
<b>Total</b>	59	7	
Government agency	9	1	Upazila Administration, Dept. of Livestock, DAE, Health Department, Bangladesh Krishi Bank
Local government	25	5	Union Parishad, Gram Sarker
NGOs/CBOs	12	1	ADMD, Grameen Bank, SAP Bangladesh, ARBAN, Krishi Samabay Samity, TDH-NL
Civil society	8		Char Kopal Bera Ideal High School, Bangladesh Awami League Char Kajol Branch, Choto Kajol Dakhil Madrashah, BNP, Char Kajol High School
Mass media			
Private sector	1		Businessman

Union (Island)	Char Kajol	
Others	4	Ex UP member, Village Leaders
<b>Summary of comments and suggestions given by the participants</b>	<ul style="list-style-type: none"> <li>• Separate development programs should be taken for each area. Bottom up planning process and need-based programs are required.</li> <li>• Coordination of the existing development programs is also needed.</li> <li>• There is huge scarcity of fresh and safe drinking water. People are affected by water borne diseases like Diarrhea, Malaria, etc. But treatment and health facilities are very poor in this district, particularly this area. There is no MBBS doctor here. Though they are posted in this island but they do not join.</li> <li>• Our economic condition is not very good. The people lack skill and 'will power' to change their fate.</li> <li>• The projects are not taken with proper consideration of the local situation. So they are not effective at all.</li> <li>• People are not aware of the health and sanitation issues. The Family Planning program of the Government is not giving any benefit, as the people are not aware.</li> <li>• This island is a disaster-affected area. But the disaster preparedness program is very limited here.</li> <li>• In the newly accreted land Forest Department plant trees. But there are many old chars where land is already matured and suitable for agriculture. But the Forest Department is not taking any step to hand over the land. The species planted is also of very limited use to the people.</li> <li>• Due to salinity in the rivers the irrigation water for agriculture is not available. Vegetable production has a good prospect in this island.</li> <li>• To meet the energy demand and reduction of the dependency on trees and forests for fuel wood biogas plants can be promoted.</li> <li>• Buffalo farming can be done in the vast char areas.</li> <li>• Plantation on the newly accreted lands should be done for a fixed period. Then the species should be changed and horticulture and timber trees should be planted through social or community forestry approach.</li> <li>• Salt cultivation technologies can be disseminated in the char areas.</li> <li>• There is no cold storage to preserve the fish. If cold storages are built then more profit could be earned from the fisheries sector.</li> <li>• In the canals, rivers and ponds are well managed the fisheries biodiversity should be protected. The existing banning on the use of 'current net' and shrimp fry collection should be executed strictly.</li> <li>• The fish in the rivers are affected with many diseases. Probably pollution in the up is responsible for this.</li> <li>• The fishers should have modern fishing equipments, boats and methods to harvest fish from the deep sea.</li> <li>• The program to strengthen the Coast Guard is appreciable.</li> <li>• Special programs should be taken to improve livelihoods of the fishers and farmers. To improve agricultures the farmers should be provided with modern farming equipments, modern technologies, seeds of HY, extension services for potato cultivation, and storage facilities of agriculture products. Embankments are essential to protect water intrusion. Employment generation for poverty reduction is crucial.</li> <li>• Maximum utilization of land and water, conservation of water bodies, use of IPM, enforcing law and order and good governance, crop suitability analysis, aquaculture, expansion of government and NGO programs, proper operation of water management infrastructures, measures for economic growth.</li> <li>• Proper monitoring of the government programs is needed. We have land but we do not have crop, we have people but we do not have good people, we have teachers but we do not have education. Agriculture based training is needed.</li> <li>• The communication system is very poor. So carrying cost of the agricultural products is very high. Special launch and ferry services can be thought of.</li> <li>• Special education curriculum can be developed for the remote coastal areas.</li> <li>• The number of cyclone shelters is inadequate. The existing cyclone shelters are not in good condition due to lack of proper maintenance. They should be</li> </ul>	

Union (Island)	Char Kajol
	<p>repaired and newly cyclone shelters should be built.</p> <ul style="list-style-type: none"> <li>• The infrastructures can be maintained through Union Parishad.</li> <li>• We need corruption free society. Awareness programs on different health and social issues can be taken through Union Parishad.</li> <li>• Roads, tube-well and cyclone shelters are three requirements of the people of this island.</li> <li>• As the public representatives we have many responsibilities. We cannot just blame others and sit idle. We should work together to reduce corruption.</li> <li>• Shrimp cultivation (both Golda and Bagda) can be promoted.</li> <li>• The allocation for each Union Parishad should be increased; otherwise the crisis for funds will not be solved.</li> <li>• Shrimp cultivation should be controlled. Modern methods should be used.</li> <li>• Agriculture development, irrigation facilities, embankments, green belt through tree plantation, social/community forestry, training on livestock and poultry rearing, safe water supply, repairing of the cyclone shelters, education facilities, health services, wind based power generation through wind turbines.</li> </ul>

### Comments and recommendations

#### **Mr. Mezbah Uddin, UNO, Golachipa Upazila:**

Separate development programs should be taken for each area. Bottom up planning process is required to design need-based programs. Coordination of the existing development programs is also needed.

#### **Mir Muhd. Khalilur Rahman, Businessman (Medicine):**

There is huge scarcity of fresh and safe drinking water. People are affected by water borne diseases like Diarrhea, Malaria, etc. But treatment and health facilities are very poor in this district, particularly this island. There is no MBBS doctor here. They are given posting in this island but they do not join the work. Our economic condition is not very good. The people lack skill and 'will power' to change their fate. The projects are not taken with proper consideration of the local situation. So they are not effective at all. For example, DANIDA has a project on drinking water supply. Their beneficiary selection criterion is 'only the thatched houses owner will get a tube-well'. But in our island, houses are 'tin-roofed', but they are poor.

People are not aware about health and sanitation issues. The Family Planning program of the Government is not giving any benefit, as the people are not aware. This island is a disaster-affected area. But the disaster preparedness program is very limited here. In the newly accreted land Forest Department plant trees. But there are many old chars where lands are already matured and suitable for agriculture. But the Forest Department is not taking any step to hand over the lands. The species planted in the forest are also of very limited use to the people.

#### **Mr. Sukesh Chandra Sikder, Manager, Grameen Bank Char Kajol Branch:**

Due to salinity in the rivers water for irrigation is not available. Vegetables production has a good prospect in this island.

#### **Mr. Mahfuzur Rahman, Regional Co-ordinator, ARBAN:**

To meet the energy demand and reduction of the dependency on trees and forests for fuel wood biogas plants can be promoted. Buffalo farming can be done in the vast char areas. Plantation on the newly accreted lands should be done for a fixed period. Then the species should be changed and horticulture should be promoted, and timber trees should be planted through social or community forestry approach. Salt cultivation technologies can be disseminated in the char areas.

**Md. Abdus Salam Mir, UP Member, Char Biswas Union Parishad:**

There is no cold storage to preserve the fish. If cold storages are built then more profit could be earned from the fisheries sector. In the canals, rivers and ponds the fisheries biodiversity should be protected. The existing banning on the use of 'current net' and shrimp fry collection should be executed strictly. The fish in the rivers are affected with many diseases. Probably pollution in the up is responsible for this. The fishers should have modern fishing equipments, boats and methods to harvest fish from the deep sea. The program to strengthen the Coast Guard is appreciable.

**Mr. Abdur Rashid Hawlader, Ex. UP Member, Char Kajol:**

Special programs should be taken to improve the livelihoods of the fishers and farmers. To improve agricultures the farmers should be provided with modern farming equipments, modern technologies, seeds of HY, extension services for potato cultivation, and storage facilities of agriculture products. Embankments are essential to protect water intrusion. Employment generation for poverty reduction is crucial.

**Md. Mafizur Rahman, Sr. Teacher, Char Kapal Bera Ideal High School:**

He has mentioned some concerns and recommendations for CDS: maximum utilization of land and water, conservation of water bodies, use of IPM, enforcing law and order and good governance, crop suitability analysis, aquaculture, expansion of government and NGO programs, proper operation of water management infrastructures, measures for economic growth.

**Md. Anisur Rahman, Sr. President, BNP Char Kajol Union:**

Proper monitoring of the government programs is needed. We have land but we do not have crop, we have people but we do not have good people, we have teachers but we do not have education. Agriculture based training is needed.

**Md. Mizanur Rahman, UP Member (Ward no. 9), Char Kajol Union Parishad:**

The communication system is very poor. So carrying cost of the agricultural products is very high. Special launch and ferry services should be introduced. Special education curriculum can be developed for the remote coastal areas. The number of cyclone shelters is inadequate. The existing cyclone shelters are not in good condition due to lack of proper maintenance. They should be repaired and new cyclone shelters should be built.

**Mr. Delowar Hossain Mollah, Village Leader:**

The infrastructures- roads, cyclone shelters, small embankments, etc. can be maintained through Union Parishad.

**Md. Abul Bashar, Health Supervisor, Terre Des Hommes-Netherlands:**

We need corruption free society. Awareness programs on different health and social issues can be taken through Union Parishad.

idle. We should work together to reduce corruption.

**Mr. Abdur Razzak, Manager, Bangladesh Krishi Bank, Char Kajol Branch:**

Shrimp cultivation (both Galda and Bagda) can be promoted.

**Mr. Mezbah Uddin, UNO, Galachipa Upazila Parisad:**

The allocation for each union should be increased; otherwise the crisis for funds will not be solved.

**Mir Muhd. Khalilur Rahman, Businessman (Medicine):**

Shrimp cultivation should be controlled. Modern methods should be used.

**Mr. Ali Ahmmad Akon, Chairman, Char kajol Union Parisad:**

He recommended some actions as crucial for the island like – agriculture development, irrigation facilities, embankments, green belt through tree plantation, social/community forestry, training on livestock and poultry rearing, safe water supply, repairing of the cyclone shelters, education facilities, health services, wind based power generation.

**Priority Actions**

SLNo.	Items	Rating
<b>Safeguarding the availability of fresh water with regionalized water management</b>		
1	Water management and rural development in Greater Noakhali (GN) area	
2	Action to mitigate drainage problems in Khulna region	
3	Integrated management of coastal water infrastructure (Polders)	10
4	The development of an effective system of groundwater management	16
5	Strengthening sanitation and safe water supply programs in arsenic & salinity affected areas	14
<b>Optimizing use of coastal lands</b>		
6	Accreted land development and settlement: development of a sustainable process	11
7	Land use zoning for efficient use & management of land resources	2
8	Development of coastal agriculture	23
<b>Promoting economic growth emphasizing rural non-farm employment</b>		
9	Small and medium enterprise development on selected coastal trades	11
10	Development & employment generation through tourism	2
<b>Sustainable and equitable management of natural resources</b>		
11	Promotion and extension of environmental and socially responsive shrimp farming	6
12	Introduction and expansion of solar, tidal & wind energy in the remote coastal areas	8
13	Marine and coastal fisheries development program	12
<b>Environmental conservation</b>		
14	Completing and maintaining sea dykes as first level of defense against sea level rise	8
15	Strengthening of Coast Guard program for the improvement of peoples security and environmental conservation	6
<b>Improving livelihood conditions of people, specially women</b>		
16	Enhancement of livelihoods in chars and islands	12
17	Integrated development of remotely located island	2
18	Capacity building and skill development of female fish processors	7
19	Comprehensive rehabilitation program for erosion victims	16
20	Reduction of severe vulnerability through multi-purpose cyclone shelters - including coping mechanism	22
21	Veterinary services by private practitioners	5
<b>Empowering through knowledge management</b>		
22	Knowledge management and dissemination	1
23	Regional and other framework studies	
24	Capacity building and training	7
<b>Creating an enabling institutional environment</b>		
25	Operationalization of a Program Co-ordination Unit (PCU) at national level	1
26	Operationalization of an institutional and co-ordination mechanism involving local government at district level for the purpose of implementation	3
27	Supporting initiatives by LGIs, NGOs and media in coastal management	4
28	Empowerment through training of women members of UPs and Pourashavas	12
29	Establishment of IT supported model Unions in sea facing upazilas	12

## List of Participants

Sl.	Name	Designation	Organization	Address	Phone/Fax/Email
1.	Md. Mozammel Sardar	UP Member	Char Biswas Union Parishad	Sardar Bostro Bitan, Char Biswas Bazar, PO & UP: Char Biswas, Upazila: Galachipa, Patuakhali	56258 0172-892830
2.	Ali Ahmed Khan Reja	Teacher (Ex)	Char Kopal bera Ideal High School	Vill: Char Kopal bera, PO: Char Shiba, UP: Char Kajol, Upazila: Galachipa, Patuakhali	
3.	Mezbah Uddin	UNO	Galachipa Upazila Parisad	Galachipa, Patuakhali	04424-56201 (O),56302 (R) 0188-129638, Fax: 56201
4.	Md. Fazlul Haque Khan	President	ADMD, Char Kajol Forum	Vill & PO: Charkajol, Upazila: Galachipa, Patuakhali	0172-759174
5.	SuKesh Chandra Sikder	Manager	Grameen Bank Char Kajol Branch	Vill & PO: Char Kajol, Upazila: Galachipa, Patuakhali	
6.	Md. Rezaul Haque	Social Organizer	SAP-Bangladesh, Char Kajol Branch	Char Kajol Branch, Char Montaj zone, Upazila: Galachipa, Patuakhali	0176-299480
7.	Jahangir Alam	Credit Supervisor	SAP - Bangladesh	Char Kajol Branch, Char Montaj zone, Upazila: Galachipa, Patuakhali	0176-299480
8.	Md. Habibur Rahman Mollah	General Secretary	Bangladesh Awami League, Charkajol Union Branch	Vill & PO: Charkajol, Upazila: Galachipa, Patuakhali	0172-759174
9.	Matiur Rahman Howlader	Chairman	Char Biswas Union Parishad	Vill: Uttar Char Biswas PO: Char Biswas, Upazila: Galachipa, Patuakhali	
10.	Mrs. Nadira Akhter	REFLECT Trainer	SAP - Bangladesh	Zonal Office, Char Kajol, Upazila: Galachipa, Patuakhali	
11.	Rani Begum	UP Member	Char Kajol Union	Char Kajol Union Parishad, Char Kajol, Upazila: Galachipa, Patuakhali	
12.	Srimoti Laxmi Rani Majumder	UP Member	Char Kajol Union	Char Biswas Union Parisad PO: Char Biswas, Upazila: Galachipa, Patuakhali	
13.	Md. Serajul Haque Howlader	UP Member	Char Kajol Union Parishad	Vill: Choto Char Shiba, PO: Char Shiba, Upazila: Galachipa, Patuakhali	
14.	Md. Ehsahak Mollah	UP Member	Char Kajol Union Parishad	Vill: Boro Char Kajol, PO: Char Kajol, Upazila: Galachipa, Patuakhali	
15.	Md. Ismail Howlader	UP Member, Ward no.4	Char Kajol Union Parishad	Vill: Choto Char Kajol, PO: Char Kajol, Upazila: Galachipa, Patuakhali	
16.	Md. Abdus Salam Mir	UP Member	Char Biswas Union Parisad	Vill & PO: Char Agonti, Upazila: Galachipa, Patuakhali	
17.	Md. Nuru Jomaddar	UP Member	Char Biswas Union Parisad	Vill: Dakhin Char Biswas, PO: Char Biswas, Upazila: Galachipa, Patuakhali	
18.	Md. Selim Reza	UP Member	Char Biswas Union Parisad	Vill: Dakhin Char Biswas PO: Char Biswas, Upazila: Galachipa, Patuakhali	0176-978893
19.	Mahfuzur Rahman	Regional Co-ordinator	ARBAN	Regional Office: Char Biswas, Galachipa, Patuakhali. Dhaka office: H # 75, R # 12/A Dhanmondi R/A, Dhaka-1209	0176-034200 02-9114195 Fax:-8110533 <a href="mailto:arban@dhaka.aqni.com">arban@dhaka.aqni.com</a>
20.	Md. Younus Ali	Manager	Grameen Bank	Grameen Bank, Char Biswas Branch, Galachipa, Patuakhali	
21.	Md. Mosharrif Hossain	UP Secretary	Char Biswas Union Parisad	Char Biswas, Upazila: Galachipa, Patuakhali	04424-56127
22.	Md. Mafizur Rahman	Sr. Teacher	Char Kapal Bera Ideal High School	Vill & PO: Char Kajol, Upazila: Galachipa, Patuakhali	
23.	Muhd. Lutfar Rahman Master	Assistant Teacher	Choto Kajol Dakhil Madrasa	Vill: Boro Char Kajol, PO: Char Kajol, Upazila: Galachipa, Patuakhali	
24.	Md. Rafiqul Islam	Vetenary Asstt.	Upazila Live stock Dept. Galachipa	Upazila Livestock Office, Galachipa, Patuakhali	04424-56360 0176-625917
25.	Haji Md. Shah Alam Howlader	Member	Krishi Samabay Samity	Vill & PO: Choto Shiba, Union Char Kajol, Galachipa, Patuakhali	0176-243840
26.	Suman Mondal	Sub- Asst.	Upazila Agriculture Office	Uttar Char Biswas, Upazila:	

Sl.	Name	Designation	Organization	Address	Phone/Fax/Email
		Agriculture Officer		Galachipa, Patuakhali	
27.	Mostafizur Rahman Rubel	Adarsha Gram Officer	ARBAN Adarsha Gram Prokalpa-2	Vill: Uttar Gopter Hawla (Adarsha Gram), PO: Panpatty, Upazila: Galachipa, Patuakhali	
28.	Md. Delwar Hossain	UP Member (Ward no. 6)	Char Biswas Union Parishad	Vill: Dakhin Char Biswas, PO: Char Biswas, Upazila: Golachipa, Patuakhali	0188-050599
29.	Md. Mahbub Alam	UP Member (Ward no. 1)	Char Kajol Union Parishad	Vill: Boro Char Kajol, PO: Char Kajol, Upazila: Golachipa Dist. Patuakhali	
30.	Md. Mizanur Rahman	UP Member (ward no. 3)	Char Biswas Union Parishad	Vill: Uttar Char Biswas, PO: Char Biswas, Upazila: Golachipa, Patuakhali	
31.	Abdul Hai Akan	Gram Sarker Member	Soto Shiba Gram Sarker	Vill: Choto shiba, PO: Char Shiba, Union: Char Kajol, Upazila: Galachipa, Patuakhali	
32.	Saroj Kumar Bagchi	Sub-Asst. Agricultural Officer	Dept. of Agriculture	Upazila Agriculture Office, Galachipa, Patuakhali	0189-042164
33.	Md. Shahabuddin	UP Secretary	9 no. Char Kajol Union Parishad	Char Kajol UP, Upazila: Galachipa, Patuakhali	
34.	Madhusudan Kittania	Asst. Health Visitor, Char Kajol Union	Health Department	Vill: Char Shiba, PO: Soto Shiba, Upazila: Golachipa, Patuakhali	
35.	Md. Mujibur Rahman	UP Member (ward no. 1)	14 no. Char Biswas Union Parishad	Vill & PO: Uttar Char Biswas, Upazila: Galachipa, Patuakhali	
36.	Md. Delwar Akon	UP Member (Ward no. 8)	14 no. Char Biswas Union Parishad	Vill & PO: Uttar Char Biswas, Upazila: Golachipa, Patuakhali	0174-068789
37.	Md. Abul Bashar	Health Supervisor	Terre Des Hommes-Netherlands	Terre Des Hommes -Netherland (Char Kajol Unit), Char Kajol Upazila: Golachipa, Patuakhali	0176-100657
38.	Md. Motahar Matbar	UP Member, Ward no. 8	9 no. Char Kajol Union Parishad	Char Kajol U.P., Upazila-Galachipa, Patuakhali	
39.	Md. Ahsan Habib	U.P. Member (Ward no. 6)	9 no. Char Kajol Union Parishad	Vill: Soto Shiba, PO: Char Shiba, Upazila: Golachipa, Patuakhali	0176-282595
40.	Mir Muhd. Khalilur Rahman	Businessman (Medicine)		Mir Medical Hall, Uttar Char Biswas Bazar, Upazila: Golachipa, Patuakhali	0176-034200
41.	Md. Anisur Rahman	Sr. President	BNP Char Kajol Union	Vill & PO: Char Kajol, Upazila: Golachipa, Patuakhali	
42.	Md. Ali Reza Mollah	President	BNP Char Kajol Union	Vill.+ PO: Char Kajol, Upazila: Galachipa, Patuakhali	0176-227894
43.	Md. Mizanur Rahman	UP Member (Ward no. 9)	Char Kajol Union Parisad	Vill: Char Kopal Bera, PO: Char Shiba, Upazila: Galachipa, Patuakhali	0176-628004 0188374321
44.	Abdur Rashid Howlader	Ex. UP Member, Char Kajol UP		Vill: Baro Shiba, PO: Char Shiba, Upazila: Golachipa, Patuakhali	
45.	Md. Faruque Hossain Howlader	Village Leader		Vill: Boro Shiba, PO: Char Shiba, Union: Char Kajol, Upazila: Golachipa, Patuakhali	
46.	Delowar Hossain Mollah	Village Leader		Vill: Char Kopal Bera, PO: Char Shiba, Upazila: Galachipa, Patuakhali	
47.	Ranjan Kumar Mondal	Sub-Asst. Agricultural Officer	Upazila Agriculture Office	Char Kajol Block, Golachipa, Patuakhali	
48.	Md. Shah Alam Akon	Staff	Upazila Agriculture Office	Vill: Boro Shiba, PO: Char Shiba, Union: Char Kajol, Upazila: Golachipa, Patuakhali	
49.	Khelada Khanam	Family Planning Assistant	Family Welfare Department	Char Biswas Union, Ward no. 11, Upazila: Golachipa, Patuakhali	
50.	Most. Molina Begum	UP Member	Char Biswas Union	Char Biswas Union, Upazila: Golachipa, Patuakhali	
51.	Mosa. Aruna Begum	UP Member	Char Kajol Union	Char Kajol Union, Upazila: Golachipa, Patuakhali	
52.	Mosa. Nazmun Nahar	UP Member	Char Kajol Union	Char Kajol Union, Upazila: Golachipa, Patuakhali	

Sl.	Name	Designation	Organization	Address	Phone/Fax/Email
53.	Abdur Razzak	Manager	Bangladesh Krishi Bank, Char Kajol Branch	Vill. & PO: Char Kajol, Upazila: Golachipa, Patuakhali	
54.	Abdu Razzak Hawlater	Ex Chairman	Char Bisaws Union		56397
55.	Muhd. Anowar Hossain	Asst. Teacher	Char Kajol High School	Vill. & PO: Char Kajol, Upazila: Golachipa, Patuakhali	
56.	Ali Ahmmad Akon	Chairman	Char kajol Union Parisad	Vill & PO: Char Shiba, Upazila: Golachipa, Patuakhali	
57.	Md. Shafiqul Alam	Zonal Co-ordinator	SAP- Bangladesh	Char Montaj Zone, Golachipa, Patuakhali	0176-299480
58.	Md. Mizanur Rahman	Area Co-ordinator	SAP- Bangladesh	Mamudabad Road, Golachipa, Patuakhali	04424-56284, fax: Same 0172-731185
59.	Md. Fazlul Haque	General Secretary	Awami League, Char Kalmi Union, Char Fashion, Bhola	Vill: Nangla Pata, PO: Anjur Khata, Upazila: Char Fashion, Bhola	



## CHAPTER 4: UPAZILA LEVEL CONSULTATION





SHYAMNAGAR

07 March 2005



## Introduction

The CDS consultation meeting in Shyamnagar started with Mr. Md. Moniruzzaman, UNO, Kaliganj in the Chair. Mr. Hasan Parvez, Principal Scientific Officer (Engineering), WARPO, Dr. Aminul Hoque, Scientific Officer, WARPO, and Mr. Muinur Rashid, Coastal & Marine Engineer, PDO-ICZMP were present as special guests. The chair requested the participants to introduce by themselves. The chair then opened the meeting with a welcome speech. Then two presentations were made. Mr. Hasan Parvez of WARPO made a presentation on ICZMP project and Mr. Muinur Rashid of PDO-ICZMP made a presentation on the draft Coastal Development Strategy (CDS). After the presentations a tea break was given. After tea break the participants were invited to take part in open discussions on CDS. The participants asked some questions, made comments, and suggestions and recommendations on priority actions for CDS. PDO-ICZMP/WARPO team members replied participants' questions. Md. Sayed Iftekhar, Research Officer, PDO-ICZMP and Md. Ashraful Alam, Research Associate, PDO-ICZMP took notes on comments and recommendations.

At the open discussions part was over, the participants were requested to prioritize the actions for CDS, consider their own contexts. Each participant suggested five 'priority actions', out of 29 items, through a process of voting, which were written in the flip charts. The participants were also asked to make recommendations beyond these 29 items, if they would have any, as priority action for CDS.

At the end Md. Sayed Iftekhar, Research Officer, PDO-ICZMP thanked the participants, local administration and facilitating NGO Shushilon for their whole-hearted cooperation and participation.

## Summary of Meeting

Upazila	Shyamnagar		
Date	07 March 2005		
Venue	Upazila Parishad Auditorium		
Meeting started at	10:40 am		
Meeting concluded at	1:48 pm		
Chief guest			
Chair/moderator	Mr. Md. Moniruzzaman, UNO, Kaliganj Upazila		
WARPO/PDO team	Mr. Hasan Parvez, Mr. Muinur Rashid, Dr. Aminul Hoque, Md. Sayed Iftekhar, Mr. Ashraful Alam		
Summary of Participants	Both sex	Female	Participating organizations
<b>Total</b>	<b>59</b>	<b>19</b>	
Government agency	17		Upazila Administration, Department of Livestock, Department of Food, DAE, BRDB, LGED, Co-operatives Department, Ansar & VDP, Bangladesh Bureau of Statistics, DPHE, Department of Youth Development, Department of Education, Department of Social Services.
Local government	12	8	Union Parishad.
NGOs/CBOs	22	8	Sushilan, Gono Unnayan Sangstha, Bhumi Adhikar Bastabayan Parishad, Central Water Committee, Nakshikantha Mohila Sangthan, BARCIK, BRAC, Fourth Fisheries Project Committee, Uttaran, Shudipti Samaj Unnayan Sangstha, Progoti Samaj Unnayan Sangstha, Shusamaj, Setu Bangladesh.
Civil society	5	3	Afroza Womens' College, Shyamnagar Atarjan Mohila College, Naki Pur Pilot High School, Banglar Loknattaya Institute, Shyamnagar Mohsin College.
Mass media	3		Press Club, Daily Ittefaq
Private sector			
Others			

Upazila	Shyamnagar
<p><b>Summary of comments and suggestions given by the participants</b></p>	<ul style="list-style-type: none"> <li>• The Sundarbans mangrove ecosystem is a special resource of this zone.</li> <li>• Shrimp cultivation/farming is exerting adverse impact on this zone. The people are suffering from acute shortage of drinking water. Trees and vegetation are dying.</li> <li>• The number of landless people is increasing due to shrimp farming.</li> <li>• Law and order situation is a precondition for development. In the southwest and Sundarbans adjacent area law and order situation is not good.</li> <li>• Special management system should be developed for the ‘Sundarbans dependent’ zone.</li> <li>• Strategies to reduce corruption should be described in the CDS.</li> <li>• Incorporation of NGOs in coastal development is important.</li> <li>• Some of the reasons of coastal environment degradations are – unplanned water extraction, unplanned road and infrastructure construction, unplanned and rapacious Bagda cultivation, shrimp farming, drying and filling of wetlands, forest destruction, etc.</li> <li>• The stipulated five years time frame may be short.</li> <li>• Development of ecotourism in the Sundarbans is a good option for local employment generation.</li> <li>• The proposed River Linking Project of India is a major threat for Bangladesh as a whole and to the South-west region in particular. So international moves should be there to stop this project. Moreover, well thought adaptation plans should be initiated.</li> <li>• The issue of education has not been properly mentioned. The amount of financial assistance (<i>upabritti</i>) to the students should be increased.</li> <li>• Communication and electricity are other two preconditions for development.</li> <li>• The safety of the fishermen is very important.</li> <li>• The drinking water is contaminated with salinity and arsenic.</li> <li>• To meet up the need of drinking water, a pond could be reserved in each village under government management.</li> <li>• Projects should be taken up to strengthen safe water supply even where arsenic contamination or salinity intrusion is less. Because they are vulnerable to future water crisis.</li> <li>• Water treatment plants like ‘PSF Model’, rainwater harvesting, water filters should be widely used to supply fresh water.</li> <li>• Canal digging and river excavation programs can be taken up.</li> <li>• Due to the construction of Faracca dam by India the flow of rivers in Bangladesh is decreasing.</li> <li>• Education, safe water and health services are some basic rights of the people. But unfortunately the people of coastal zone are deprived from all these rights. Basic infrastructures are inadequate and the services are not satisfactory.</li> <li>• The development of Shyamnagar could be easily achieved through the development of fisheries and mangrove forest management.</li> <li>• The inclusion of programs for development of livestock resources of the coastal zone is appreciable. However, coordination among government and NGOs is needed. Extensive training and awareness programs can be a major component of this program.</li> <li>• Nature based agriculture can be promoted in this region. Cropping intensity can be increased through supply of fresh water and use of saline tolerant varieties.</li> <li>• Special health programs need to be taken up for the women in the coastal zone.</li> <li>• Poverty and lack of income earning are major causes of social conflict and deprivation of women. Women of this region can be given skill training on Sundarban-based handicrafts to enable them to earn income.</li> </ul>

Upazila	Shyamnagar
	<ul style="list-style-type: none"> <li>● Land grabbing by local elites and <i>jotdars</i> is depriving the local landless and poor people. It is also impeding government's development activities. This issue should be properly mentioned in the CDS. For employment generation establishment of factories and tourism based parks and industries could be proposed.</li> <li>● The natural climate is not very favorable for the people due to acute heat, cyclone and storm surges. The number of cyclone shelters is also not adequate.</li> <li>● The people should be aware about the need of coastal development. Some important options like char and land development, prevention of deforestation and piracy, protection of the Sundarban from man-made and environmental destructions, education and health programs for the remote coastal areas, provision of small and micro-credit at low interest rates should be included in CDS.</li> <li>● Population is increasing at a rapid pace but provision of basic services and social development are not progressing adequately. Alternative income sources for the forest dependent communities are needed. Mobile health units can be established for remote areas.</li> <li>● The people of this region have bitter experiences with project implementation. A lot of consultations and projects have been taken but with no good results. So, people are a bit frustrated and suspicious about the fate of the recommendations made in this consultation session. The issues need to be mentioned in the CDS are – deforestation and piracy, shrimp catching, forced occupation/profession change, shrimp related policies and strategies, fresh drinking water supply.</li> <li>● The CBOs and local level organizations need policy and technology support from Government and other agencies. The people of this region have initiated eco-club movement for the sustainable management of natural environment. Special programs for the female-headed households are needed.</li> <li>● One of the causes of the environmental pollution is wastages and pollutants from the shrimp farms. Due to adverse effect of embankment construction the agricultural fields are losing productivity. Indigenous knowledge of the local people can be used in many regards. Mother canal re-excavation could be initiated.</li> <li>● Shrimp related policies and strategies, saline water management should be stressed in CDS.</li> <li>● The actions need to be emphasized in the CDS are –agriculture in saline water, roadside and embankment afforestation, tourism industry development, mass communication and awareness on environmental issues, skill based training and loan facilities for the women headed households, development of the Union Parishad as information dissemination center for the coastal zone, supply of fresh water.</li> </ul>

#### Comments and recommendations:

##### **Mr. Aminur Rahman Babul, Branch Manager, Uttaran:**

The summary of the CDS cannot be easily understood from the papers. More information should be given. River erosion is a big problem in this region. The incompleteness of the SBCP project of the Forest Department has raised frustration among the Sundarbans dependent local people in this region. The infrastructures constructed under this project are misused now. Therefore, a Sundarban centered strategy should be mentioned in the policy.

##### **Syed Wahiduzzaman Tuhin, Program Officer (Credit), Shushilan:**

Incorporation of NGOs in coastal development is important. So the role and function of NGOs should be clearly mentioned. Some of the reasons of coastal environmental degradations are –

unplanned water extraction, unplanned road and infrastructure construction, unplanned and rapacious Bagda cultivation, shrimp farming, drying and filling of wetlands, forest destruction, etc. These are important to mention in the CDS. Due to the vastness of the issues and regions the stipulated five years time frame seems short for full implementation of the project.

**Mr. Ashutosh Kumar Haldar, Banglar LokNattya Institute:**

Unplanned *lacca* culture creates negative impact on the Environment.

**Mr. G.M. Muniruzzamaan, Co-ordinator, Progati Samaj Unnayan Sangstha:**

A proper resource inventory and optimum utilization of the resources is a pre-condition for area development. In this regard development of ecotourism in the Sundarbans is a good option for local employment generation. On the other hand, to meet up the need of drinking water, a pond could be reserved in each village under government management. Excavation of pond and its conservation is necessary to supply fresh water at every village. The policies and strategies related to coastal embankments, saline water, Sundarbans should be revised and updated.

**Mr. Md. Humayun Kabir, C.s. Jubo Unnayan Officer:**

The proposed River Linking Project of India is a major threat for the Bangladesh as a whole and to the Southwest region in particular. So international moves should be mobilized to stop this project. Moreover, well thought adaptation plans should be initiated.

**Mr. Md. Abdur Rashid, Asst. Upazila Education Officer:**

The issue of education has not been properly mentioned in the CDS. The amount of financial assistance (*upabritti*) to the students of remote coastal areas should be increased. Communication and electricity are other two preconditions for development, which is most unavailable in this region. The safety of the fishermen is very important.

**Mr. Md. Nazrul Islam, Teacher, Naki Pur Pilot High School:**

Due to the construction of Faracca dam by India the flow of rivers in Bangladesh has been decreasing.

**Md. Zahid Imam, Sub-Asst. Engr, DPHE:**

Education, safe water and health services are some basic rights of the local people. But unfortunately the people of coastal zone are deprived of these regards. Basic infrastructures are inadequate and the services are not satisfactory. The drinking water is contaminated with salinity and arsenic. Projects should be taken to strengthen safe water supply even where arsenic contamination or salinity intrusion is less. Because, they are vulnerable to future water crisis. Excavation of canal, water treatment plants like 'PSF model', rainwater harvesting, water filters should be widely used to supply fresh water.

**Mr. Noor Mohammad Gazi, President, 4th Fisheries Project. C Block:**

The development of Shyamnagar could be easily achieved through the development of fisheries and mangrove forest management.

**Dr. Swapan Kumar Roy, Veterinary Surgeon, Upazila Livestock Department:**

The inclusion of programs on the development of livestock resources of the coastal zone is appreciable. However, coordination among government and NGOs is needed. Extensive training and awareness programs can be a major component of this program.

**Mr. Ganesh Chandra Mondal, Upazila Agriculture Officer, Deptt. of Agriculture Extension:**

Nature based agriculture can be promoted in this region. Cropping intensity can be increased through supply of fresh water and use of saline tolerant varieties. Excavations of irrigation canals are needed.

**Ms. Chandrika Banerjee, Director, Nakshikantha Mohila Sangathan:**

The lack of fresh water is also a major cause of women deprivation and social violence. The women have to collect fresh water from 3-4 miles away. This consumes a lot of energy and time of them. Moreover, on the way they face misbehavior and misconduct. Sometimes they are even kidnapped and molested on the way. The people are suffering from different types of diseases. During setting up marriage relationship the people do not want to marry in the saline and arsenic affected areas. This has added another dimension in the existing social conflicts.

**Md. Shahidur Rahman, Upazila Food Controller, Food Office:**

Special health programs can be taken for the women in the coastal zone.

**Ms. Gita Rani Gyan, Teacher, Badghata, Shyamnagar:**

Poverty and lack of income are major causes of social conflict and deprivation of women. Women of this region can be provided with skill training on 'Sundarban based handicrafts' to make alternative source of income.

**Ms. Rabeya Kader, UP Member, 5 No. Koikhali Union Parishad:**

Land grabbing by local elites and *jotdars* is depriving the local landless and poor people. It is also impeding government's development activities. This issue should be well taken in the CDS. For employment generation establishment of factories and tourism based parks and industries could be proposed.

**Ms. Chobi Rani, Asst. Program Officer, Bangladesh Resource Center for Indigenous Knowledge (BARCIK):**

The natural climate is not very favorable for the people's living due to acute heat, cyclone, storm and tidal surges. The number of cyclone shelter is also not adequate, which should be increased.

**Mr. Ganesh Chandra Mondal, Upazila Agriculture Officer, Depatt. of Agriculture Extension:**

The people should be aware about the need of coastal development. The issues need to be mentioned in the CDS are – char and new land development, prevention of deforestation and piracy, protection of the Sundarban from man-made and environmental causes, education and health programs for the remote coastal areas, provision of small and micro-credit at low interest rates.

**Sheikh Abdul Jabbar, Upazila Statistical Officer, Bangladesh Bureau of Statistics:**

Population is increasing at a rapid pace but provision of basic services and social development are not progressing adequately. Alternative income sources for the 'forest dependent communities' are needed. Mobile health units can be established for remote areas.

**Mr. Bakhtiar Ahmed, Chairman, 4 no. Nur Nagar Union Parishad:**

The people of this region have bitter experiences with project implementation. A lot of consultations and projects have been taken but there have been no good results. So, people are a bit frustrated and suspicious about the fate of the recommendations made in this consultation meeting. However, the issues need to be mentioned in the CDS are – deforestation and piracy, shrimp catching, forced change in occupation, shrimp related policies and strategies, crisis of fresh drinking water supply.

**Mr. Mohon Kumar Mondal, Executive Director, Gana Unnayan Sangstha:**

The CBOs and local level organizations need policy and technology support from Government and other agencies. The people of this region have initiated eco-club movement for the sustainable management of natural environment. Special programs for the female-headed households are needed.

**Sheikh Harun-Or-Rashid, Vice President, Bhumi Adhikar Bastabayan Parishad, & Member, Central Water Committee:**

One of the causes of the environmental pollution is wastages and pollutants from the shrimp farms. Due to adverse effect of embankment construction the agricultural fields are losing productivity. Indigenous knowledge of the local people can be used in many regards. 'Mother canal' re-excavation is urgent.

**Mr. Abu Kaosar, President, Sayamnagar Press Club:**

Shrimp related policies and strategies, saline water management are needed to focus in the CDS.

**Mr. Mostofa Akteruzzaman, Co-ordinator, Sushilan**

The actions need to be emphasized in the CDS are – cropping in saline water, roadside and embankment forestation, tourism industry development, mass communication and awareness on environmental issues, skill training, loan facilities for the women headed households, development of the Union Parishad as information dissemination center for the coastal zone, supply of fresh water.

**Priority Actions**

<b>Sl.No.</b>	<b>Items</b>	<b>Rating</b>
<b>Safeguarding the availability of fresh water with regionalized water management</b>		
1	Water management and rural development in Greater Noakhali (GN) area	
2	Action to mitigate drainage problems in Khulna region	10
3	Integrated management of coastal water infrastructure (Polders)	2
4	The development of an effective system of groundwater management	3
5	Strengthening sanitation and safe water supply programs in arsenic & salinity affected areas	36
<b>Optimizing use of coastal lands</b>		
6	Accreted land development and settlement: development of a sustainable process	
7	Land use zoning for efficient use & management of land resources	1
8	Development of coastal agriculture	43
<b>Promoting economic growth emphasizing rural non-farm employment</b>		
9	Small and medium enterprise development on selected coastal trades	10
10	Development & employment generation through tourism	35
<b>Sustainable and equitable management of natural resources</b>		
11	Promotion and extension of environmental and socially responsive shrimp farming	7
12	Introduction and expansion of solar, tidal & wind energy in the remote coastal areas	3
13	Marine and coastal fisheries development program	1
<b>Environmental conservation</b>		
14	Completing and maintaining sea dykes as first level of defense against sea level rise	4
15	Strengthening of Coast Guard program for the improvement of peoples security and environmental conservation	3
<b>Improving livelihood conditions of people, specially women</b>		
16	Enhancement of livelihoods in chars and islands	3
17	Integrated development of remotely located island	2
18	Capacity building and skill development of female fish processors	6
19	Comprehensive rehabilitation program for erosion victims	7
20	Reduction of severe vulnerability through multi-purpose cyclone shelters - including coping	19

SLNo.	Items	Rating
	mechanism	
21	Veterinary services by private practitioners	4
<b>Empowering through knowledge management</b>		
22	Knowledge management and dissemination	3
23	Regional and other framework studies	
24	Capacity building and training	8
<b>Creating an enabling institutional environment</b>		
25	Operationalization of a Program Co-ordination Unit (PCU) at national level	1
26	Operationalization of an institutional and co-ordination mechanism involving local government at district level for the purpose of implementation	2
27	Supporting initiatives of LGIs, NGOs and media in coastal management	7
28	Empowerment through training of women members of UPs and Pourashavas	23
29	Establishment of IT supported model Unions in sea facing upazilas	4
30	Special plan for Sundarban Area	14
31	Special health services program for the women of Coastal Zone	11

### List of Participants

Sl.	Name	Designation	Organization	Address	Phone/Fax/Email
1.	Mostofa Akteruzzaman	Co-ordinator	Sushilan	Sushilan, Kaliganj, Satkhira	0174-469613
2.	Mohon Kumar Mondal	Executive Director	Gana Unnayan Sangstha	Vill: Munshiganj, PO: Kadamtala, Shaymnagar, Satkhira	0172-030338 <a href="mailto:mohongus@yahoo.com">mohongus@yahoo.com</a>
3.	Amina Bilkis Mayna	Accountant	Sushilan	Vill & PO: Naki Pur, Shaymnagar, Satkhira	0172-030448
4.	Kamrun Nahar	Center Manager	Sushilan	Vill & PO: Naki Pur, Shaymnagar, Satkhira	0172-030448
5.	Md. Masudur Rahman	Photographer	Sushilan	Sushilan, Kaliganj, Satkhira	
6.	Shaikh Nazmul Haque	Field Worker	Sushilan	Sushilan, Kaliganj, Satkhira	
7.	Mihir Dutta	Office Assistant	Sushilan	Kaliganj, Satkhira	0171-570385
8.	Hasina Putul	Program Organizer	Sushilan	Sushilan, Kaliganj, Satkhira	0176-423494
9.	Abu Kaosar	President	Sayamnagar Press Club	M/S Noor Pharmacy, Hospital Gate, Shyamnagar, Satkhira	04726-74117 0178-092478
10.	Sheikh Abdul Hakim	Journalist	Daily Ittefaq	Sheikh Engineering Meeting, Shyamnagar Bus Stand, Shyamnagar, Satkhira	
11.	Dr. Swapan Kumar Roy	Veterinary Surgeon	Upazila Livestock Dept.	Upazila Livestock Dept., Shyamnagar, Satkhira	04726-74028
12.	Sheikh Harun-or-Rashid	Vice President and Member Central Water Committee	Bhumi Adhikar Bastabayan Parisad	Vill: Haibat Pur, PO: Naki Pur Shyamnagar, Satkhira	0172-953939
13.	Provas Kumar Tarafder	Office Super	UNO Office	UNO Office, Shyamnagar, Satkhira	74004 fax: 74004
14.	Ms. Amena Goffar	UP Member	3 no. Shyamnagar Union Parishad	Vill: Badghata, PO: Naki Pur Shyamnagar, Satkhira	
15.	Ms. Shasthi Rani	UP Member	5 No. Koikhali Union Parishad	Vill: Paran Pur, PO: Shoikhal, Syamnagar, Satkhira	
16.	Chandrika Banerjee	Director	Nakshikantha Mohila Sangathan	Naki Pur, Syamnagar, Satkhira	04726-74172 0176-134867
17.	Mrs. Halima Kamrul	UP Member		Vill: Eshwari Pur, PO: Eshwari, Syamnagar, Satkhira	0172-116025
18.	Ms. Rabeya Kader	UP Member	5 No. Koikhali Union Parishad	Vill: Purbo Koikhali, PO: Vetkahli, Syamnagar, Satkhira	
19.	Md. Sabur Ali	UP Member	5 No. Koikhali Union Parishad	Vill: Paran Pur, PO: Azad Nagar, Syamnagar, Satkhira	
20.	Ms. Chobi Rani	Asst. Program Officer	Bangladesh Resource Center for Indigenous	BARCIK, Godawn Mor, Syamnagar, Satkhira	0172-589644

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			Knowledge (BARCIK)		
21.	Md. Shahidur Rahman	Upazila Food Controller, Shyamnagar	Food Department	Upazila Food Controller's Office, Shyamnagar, Satkhira	74015
22.	Nasim Ahmed	Area Manager-1	BRAC	BRAC-BDP Shyamnagar, Satkhira	0172-257058
23.	Ganesh Chandra Mondal	Upazila Agriculture Officer	Department of Agriculture Extension	Shyamnagar, Satkhira	04726-74019
24.	Md. Ansar Ali Mallik	Upazila Palli Unnayan Officer	Bangladesh Rual Development Board	Shyamnagar, Satkhira	04726-74018
25.	G.M. Abdul Bari	Accounts Assistant	LGED, Shyamnagar	Office of the Upazila Engineer, LGED, Shyamnagar, Satkhira	
26.	Md. Abdus Sattar	Assistant Inspector, Cooperatives,	Cooperatives Department	Upazila Samabay Office, Shyamnagar, Satkhira	
27.	Gita Rani Gayen	Teacher		Badghata, Shyamnagar, Satkhira	
28.	Md. Humayun Kabir	Upazila Ansar & V.D.P. Officer		Upazila Ansar & V.D.P. Office Shyamnagar, Satkhira	
29.	Mrs. Sunity Rani Mondal	UP Member	2 no. Kashmiry Union Parisad	Shankar Kata, PO: Gobinda Pur, Shyamnagar, Satkhira	
30.	A.K.M. Muzibur Rahman	UP Member	8 no. Ishawaripur Union Parishad	Vill & PO: Ishawaripur, Shyamnagar, Satkhira	
31.	Birendra Nath Biswas	UP Member		Vill & PO: Dhumghat, Shyamnagar, Satkhira	
32.	Mrs. Mahfuza Moksed	UP Member	1 no. Bhurulia Union Parisad	Vill: Isakur, PO: Bhurulia, Shyamnagar, Satkhira	
33.	Mrs. Anowara Haque	UP Member	1 no. Bhurulia Union Parisad	Vill: Deulia, PO: Bhurulia, Shyamnagar, Satkhira	
34.	Sushanta Biswas	Demonstrator	Shyamnagar Ataozan Mohila College	Naki Pur, Shyamnagar, Satkhira	04726-74044
35.	A.K.M. Zafrul Alam Babu	Asst. Professor and Joint Secretary	Shyamnagar Atarzan Mohila College and Bhumi Adhiker Bastobayan Committee	Vill: Badghata, PO: Naki Pur Shyamnagar, Satkhira	04726-74101 0176-407234
36.	Syed Wahiduz-zaman Tuhin	Program Officer (Credit)	Shushilan	Kaliganj, Satkhira	041-723748
37.	Md. Nazrul Islam (Freedom Fighter)	Teacher	Nakipur Pilot High School	Naki Pur Shyamnagar, Satkhira	
38.	Ashim Kumar Joardar	Chairman	9 no. Buri Goalini Union Parishad	Vill & PO: Arpangasia Shyamnagar, Satkhira	0172-146325
39.	Sheikh Abdul Jabbar	Upazila Statistical Officer	Bangladesh Bureau of Statistics	Shyamnagar, Satkhira	0172-588930
40.	G.M. Masum Billah	Member	Polder Committee, 4 <sup>th</sup> Fisheries Project	Vill: Datina Khali, Buri Goalini UP, Shyamnagar, Satkhira	0171-196703
41.	Sudhangshu Kumar Mistri	General Secretary	4 <sup>th</sup> Fisheries Project, B Block	Arpangasia, 9 no. Buri Goalini UP, Shyamnagar, Satkhira	
42.	Aminur Rahman Babul	Branch Manager	Uttaran, Shyamnagar Branch	Nakipur, Shyamnagar, Satkhira	0172-850142
43.	Md. Zahid Imam	Sub-Asst. Engineer	DPHE	Shyamnagar, Satkhira	0172-212563
44.	Shobhan Kumar Gayen	Executive Director	Sudipti Samaj Unnayan Sangstha	Vill: Munshi Ganj, PO: Jele Khali, Shyamnagar, Satkhira	0171-869073
45.	Ms. Fatima Shahid	UP Member	3 no. Shyamnagar Union Parishad	Vill: Naki Pur, PO: Naki Pur, Shyamnagar, Satkhira	
46.	G.M. Moniruzzaman	Co-ordinator	Prograti Samaj Unnayan Sangstha	Vill: Naki Pur, PO: Naki Pur, Shyamnagar, Satkhira	0176-590467
47.	Md. Humayun Kabir	C.S. Jubo Unnayan Office	Dept. of Youth Development	Dept. of Youth Development, Shyamnagar, Satkhira	
48.	Ms. Khaleda	Member	Susamaj, Sushilan	Sonamugari, Bhurulia Shyamnagar, Satkhira	
49.	Ms. Kohinur	Member	Susamaj, Sushilan	Sonamugari, PO: Bhurulia Shyamnagar, Satkhira	
50.	Ms. Suchitra Rani Boidya	Member	Susamaj, Sushilan	Bhurulia (Ward no. 8), Shyamnagar, Satkhira	
51.	Noor Mohammad Gazi	President, C Block	C Block, 4 <sup>th</sup> Fisheries Project	Vill: Kolbari, Burigoalini, Shyamnagar, Satkhira	

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52.	Md. Abdur Rashid	Asst. Upazila Education Officer	Upazila Education Office	Upazila Education Office Shyamnagar, Satkhira	04726-74099
53.	Ashutosh Kumar Haldar	Drama Artist & Trainer	Banglar LokNattya Institute, Shyamnagar	Nakipur, Shyamnagar, Satkhira	0171-211148
54.	S.K. Sirajul Islam	General Secretary	Upazila Press Club, Shyamnagar	Vill: Badghata, PO: Nakipur Shyamnagar, Satkhira	0176-716848
55.	Gazi Abdul Qader	Office Assistant	Setu Bangladesh	Setu Bangladesh, Godawn Mor, Shyamnagar, Satkhira	0176-166481
56.	Kiran Shankar Chattopadhaya	Trainer	Upazila Social Service Office, Shyamnagar	Upazila Social Service Office, Shyamnagar, Satkhira	
57.	Ms. Shahana Hamid	Teacher	Shyamnagar Mohsin College	Vill & PO: Nakipur Shyamnagar, Satkhira	0172-681142
58.	Bakhtiar Ahmed	Chairman	4 no. Nur Nagar Union Parishad	Vill: Hazi Pur, PO: Nur Nagar Shyamnagar, Satkhira	0172-099969



TEKNAF

08 March 2005



## Introduction

The meeting started with recitation from Holy Koran. Chair of the meeting Mr. Md. Mohsin Chowdhury (UNO, Teknaf Upazila) welcomed all and thanked WARPO/PDO team for their effort on formulating a Coastal Development Strategy.

The working session was comprised of two presentations. Mr. Arzel H. Khan (PSO, WARPO) presented a brief overview of ICZMP project (Objectives, outputs and current activities). Dr. Liakath Ali (SNE, PDO-ICZMP) then presented the draft outline of the Coastal Development Strategy (CDS).

The meeting was then opened for discussion. Dr. Liakath Ali moderated the discussion session.

After the open discussion, the participants were requested to select five priority actions for their district from a proposed list of 29.

Dr. Liakath Ali then concluded the meeting announcing the five most prioritized actions selected by the participants. He also informed them that their suggestions would be incorporated in the final CDS.

## Summary of Meeting

Upazila	Teknaf		
<b>Date</b>	08 March 2005		
<b>Venue</b>	Upazila Parisad Auditorium, Teknaf		
<b>Starting time</b>	10:00		
<b>Closing time</b>	13:30		
<b>Chief guest/ Chair</b>	Mr. Md. Mohsin Chowdhury, UNO, Teknaf Upazila		
<b>WARPO/PDO team</b>	Mr. Arzel H. Khan, Dr. Liakath Ali, Mr. Mohammad Showkat Osman, Dr. Shamim Ara		
<b>Summary of Participants</b>	Both sex	Female	Participating Organisations
<b>Total</b>	<b>43</b>	<b>4</b>	
Government Agency	13	0	District Administration, Department of Agriculture Extension (DAE), Department of Fisheries (DoF), Bangladesh Rural Development Board (BRDB), Forest Department (FD), Health Department, Department of Public Health Engineering (DPHE), Department of Youth Development, Bangladesh Bureau of Statistics, Social Services Welfare Department, Department of Livestock services, Ministry of Education
Local Government	8	4	Teknaf Upazila, Hoaikang Union Parisad, Hnila Union Parishad, Baharsora Union Parishad, Teknaf Union Parisad, Teknaf Pourshava,
NGOs	7	0	Village Education Research Center (VERC), Center for Resource Studies (CNRS), TARD, Jatiya Mohila Sangshta, Mukti Cox's Bazar, Teknaf Upazila Jubo Unnayan Parisad
Civil Society	5	0	Al Falah Academy, Teknaf Upazila BNP, Teknaf Pourshava BNP,
Mass Media	4	0	Daily Pubokone, Daily Sangram, Teknaf Pressclub
Private Sector			
Others/CBOs/Projects	6	0	Bangladesh Red Crescent Society, FSSAP-II, DFTC, Upazila Fishers' Federation, Polly Bidyut Samiti
<b>Summary of comments and suggestions from the participants</b>	<ul style="list-style-type: none"> <li>• Green belt program is essential for coastal area.</li> <li>• Improved fisheries project is needed.</li> <li>• Start with a model area to set an example</li> <li>• Alternate employment opportunity must be created</li> <li>• A wild life sanctuary could be established in Teknaf.</li> <li>• Law and order situation need to be improved</li> <li>• Effective measures should be taken to conserve forest from destruction.</li> </ul>		

Upazila	Teknaf
	<ul style="list-style-type: none"> <li>• Signal light is required to warn people about cyclone during night</li> <li>• Using wind tidal and solar energy to produce electricity seems to be very expensive plan.</li> <li>• Local labour force should be given priority in any projects.</li> <li>• Plantation of coconut tress should be encouraged.</li> <li>• Optimized use of agricultural land should be ensured.</li> <li>• New variety of crops must be introduced.</li> <li>• New tube well must be installed to ensure availability of fresh water.</li> <li>• Local technology should be applied to ensure fresh water supply.</li> <li>• Integrated effort among GOs-NGOs is required.</li> <li>• Communication network must be improved.</li> <li>• Improvement of education facilities is badly needed.</li> <li>• Emphasis should be given on income generating project.</li> <li>• Project should be realistic rather than optimistic; sustainability of project must be ensured.</li> <li>• Small and medium industries should be established in Teknaf.</li> <li>• Representatives from under privileged people should be ensured in the meeting.</li> <li>• Empowerment of women should be given proper attention for sustainable development of coastal zone.</li> <li>• Both, salt water and fresh water are essential fore coastal people.</li> <li>• To ensure availability of fresh water reservoirs should be constructed to collect the water flowing down from hills during rainy season; rainwater harvesting should also be encouraged.</li> <li>• Financial capacity is one of the major factors in utilization of agricultural land; poor marketing facilities is also discouraging farmers.</li> <li>• A well-formulated strategy is needed for the development of Bangladesh.</li> <li>• Training and awareness program should be conducted to make people responsive.</li> </ul>

### Comments and responses

#### **Moh. Abdul Halim (Department of Fisheries):**

Green belt program is essential for coastal area. Improved fisheries project is needed.

#### **Sheikh Motiur Rahman (Forest Department):**

Instead of working with 19 districts at a time a model area should be taken. We have done many meetings but concrete action was not taken. The purpose is the improvement of livelihood of coastal people, so first start with a model area and make an example.

In response to his comments Dr. Liakath Ali (SNE, PDO-ICZMP) informed the meeting that two pilot project have already been taken for two selected coastal district to implement.

#### **Nurul Hossain Siddique (Principal, Al Falah Academy):**

Alternate employment opportunity must be created to prevent fish fry catch and destruction of trees. Law and order situation has been deteriorated in Teknaf. There is no mention of education facilities in the action proposed under CDS. BWDB has no activity in this belt.

A wild life sanctuary could be established in Teknaf. Law and order situation need to be improved.

#### **M.S. Farid (Center for Resource Studies):**

Effective measures should be taken to conserve forest from destruction.

#### **Moh. Abdul Matin (Cyclone Preparedness Program, Bangladesh Red Crescent Society):**

Cyclone is the main disaster in the coastal zone. Volunteer reach home to home during the daytime to warn people about any possibility of cyclone, but at night it is not possible, so signal light is

required to warn people about cyclone during night. Researcher should find out a way to convert saline water into fresh water.

**Md. Harunur Rashid (Upazila Rural Development Officer, BRDB):**

Using wind tidal and solar energy to produce electricity seems to be very expensive plan. Are the proposed actions labour intensive or capital intensive? Local labour force should be given priority in these projects.

In response to his comments Dr. Liakath Ali (SNE, PDO-ICZMP) informed the meeting that people are already using solar energy for electricity, however use of tidal energy is much expensive.

**A.K.M. Abdus Salam (Upazila Agriculture Officer, DAE):**

Detail about arsenic mitigation and agricultural development is not present in CDS. Plantation of coconut tress should be encouraged under the coastal green belt project. Action for conservation of eco-system should be detailed in the CDS.

In response to his comments Dr. Liakath Ali (SNE, PDO-ICZMP) informed the meeting that this is the draft CDS, only the title of the projects are presented here. After your suggestions details actions would be made consulting the relevant agencies and experts as well as stakeholders.

**Md. Syed Hossain (President, Teknaf Press Club):**

Optimized use of agricultural land should be ensured; new variety of crops must be introduced. Is their any plan to encouraged agriculture in Teknaf? New tube well must be installed to ensure availability of fresh water.

**S.M. Kamrul Islam (Village Education Research Center-VERC):**

DPHE-DANIDA is working on to safe water supply and sanitation under WATSAN project. VERC is engaged in the project and 100% success has been achieved in sanitation. However a little success have been achieved in safe water supply. If I am not wrong, by fresh water you are also suggesting to safe water. Implying local technology to ensure fresh water supply would be better. An integrated effort among GOs-NGOs would simplify the problem to solve.

**Zabed Iqbal Chowdhury (General Secretary, Environmental Journalists' Forum):**

For the development of Teknaf first priority should be given on communication network, specially road communication.

**Moh. Ashekullah Faruki (Daily Sangram-Dhaka, Daily Karnaphuly-Chittagong):**

Literacy rate is very low in Teknaf, improvement of education facilities is badly needed. Small industries should be established here to create employment opportunity for the young manpower.

**Maulana Hafez Saifullah (Chairman, Baharsora Union Parishad):**

People of coastal zone are very poor, to provide food to the family they catch fish fry, destroy tress. Alternate employment opportunity must be created for them to stop such activities.

**Dr. Saroj Kumar Barua (Upazila Health & Family Planning Officer):**

It is good to see that some action is taken to improve the livelihood of coastal people. Emphasis should be given on income generating project. Small and medium industries should be established in Teknaf, such as slat refinery plat. Project should be realistic rather than optimistic; sustainability of project must be ensured.

Representatives from under privileged people should present in the meeting. Empowerment of women should be given proper attention for sustainable development of coastal zone.

**Tahera Begum (UP Member, Teknaf Union Parishad):**

Women of coastal zone are more vulnerable than their counterpart. Action proposed in the CDS related to women empowerment should be implemented on priority basis.

**Principal Maulana Noor Ahmed Anowari (Chairman, Hoaikang Union Parisad):**

Both, salt water and fresh water are essential fore coastal people. Production of salt is being hampered in some areas of Teknaf due to shortage of salt water. To ensure availability of fresh water reservoirs should be constructed to collect the water flowing down from hills during rainy season. Rainwater harvesting should also be encouraged. Financial capacity is one of the major factors in utilization of agricultural land. Poor marketing facilities is also discouraging farmers.

**Jafar Ahmed (Teknaf Union Parishad):**

Bangladesh is a poor country; a well-formulated strategy is needed for the development of Bangladesh. Training and awareness program should be conducted to make people responsive.

**Priority Actions**

SLNo.	Items	Rating
<b>Safeguarding the availability of fresh water with regionalized water management</b>		
1	Water management and rural development in Greater Noakhali (GN) area	5
2	Action to mitigate drainage problems in Khulna region	
3	Integrated management of coastal water infrastructure (Polders)	3
4	The development of an effective system of groundwater management	20
5	Strengthening sanitation and safe water supply programs in arsenic & salinity affected areas	8
<b>Optimizing use of coastal lands</b>		
6	Accreted land development and settlement: development of a sustainable process	1
7	Land use zoning for efficient use & management of land resources	4
8	Development of coastal agriculture	8
<b>Promoting economic growth emphasizing rural non-farm employment</b>		
9	Small and medium enterprise development on selected coastal trades	16
10	Development & employment generation through tourism	15
<b>Sustainable and equitable management of natural resources</b>		
11	Promotion and extension of environmental and socially responsive shrimp farming	3
12	Introduction and expansion of solar, tidal & wind energy in the remote coastal areas	4
13	Marine and coastal fisheries development program	11
<b>Environmental conservation</b>		
14	Completing and maintaining sea dykes as first level of defense against sea level rise	4
15	Strengthening of Coast Guard program for the improvement of peoples security and environmental conservation	
<b>Improving livelihood conditions of people, specially women</b>		
16	Enhancement of livelihoods in chars and islands	4
17	Integrated development of remotely located island	1
18	Capacity building and skill development of female fish processors	3
19	Comprehensive rehabilitation program for erosion victims	2
20	Reduction of severe vulnerability through multi-purpose cyclone shelters - including coping mechanism	4
21	Veterinary services by private practitioners	
<b>Empowering through knowledge management</b>		
22	Knowledge management and dissemination	12
23	Regional and other framework studies	
24	Capacity building and training	14
<b>Creating an enabling institutional environment</b>		
25	Operationalization of a Program Co-ordination Unit (PCU) at national level	
26	Operationalization of an institutional and co-ordination mechanism involving local government at	

SLNo.	Items	Rating
	district level for the purpose of implementation	
27	Supporting initiatives of LGIs, NGOs and media in coastal management	14
28	Empowerment through training of women members of UPs and Pourashavas	17
29	Establishment of IT supported model Unions in sea facing upazilas	9
30	Development of Communication Network	1

### List of Participants

Sl.	Name	Designation	Organization	Address	Phone/Fax/Email
1.	Md. Mohsin Chowdhury	UNO	UNO Office, Teknaf	Upazila Parishad, Teknaf, Cox's Bazar	0341/64037, 64079 0189 387804
2.	Bilkis Akter	Mohila Member, Ward no. 3,5,6	Hoaikong Union Parishad	Kanjar Para, P.O. Naya Para, Teknaf, Cox's Bazar	0189-342075
3.	Dr. Saroj Kumar Barua	Upazila Health & Family Planning Officer	Upazila Health Complex	Teknaf, Cox's Bazar	0188-050098
4.	Md. Syed Hossain	President	Teknaf Press Club	South Lengur Bill, Teknaf, Cox's Bazar	0187-006746
5.	Ratan Kumar Saha	Upazila Project Officer (Edn)	FSSAP-II	Teknaf, Cox's Bazar	
6.	A.B.M. Bashirullah	Sub. Asst. Engr.	Dept. of Public Health Engineering	Teknaf Upazila, Cox's Bazar	
7.	Nurul Hossain Siddique	Principal	Al Falah Academy, Hnila	Vill: Purbo Mahesh Para, PO: Hnila Bazar, Hoaikang, Teknaf, Cox's Bazar	0188-188720
8.	Jafar Ahmed	Chairman	Teknaf Union Parishad	Teknaf, Teknaf, Cox's Bazar	373, 0189-364155
9.	Moh. Ismail Mian	Social Worker		Zinzira, Saint's Martin, Teknaf, Cox's Bazar	
10.	Moh. Mamun	Upazila Jubo Unnayan Officer	Directorate of Youth Development	Teknaf, Cox's Bazaar	0189-367695
11.	Principal Maulana Noor Ahmed Anowari	Chairman	1 no. Hoaikang Union Parisad	Teknaf, Cox's Bazaar	0189-364215
12.	Mongku Mong	Upazila Project Officer	Polly Jibakayan Prokalpa, BRDB,	Polly Jibakayan Prokalpa, BRDB, Teknaf, Cox's Bazar	0189-033892
13.	Haji Dildar Ahmed	Member, Ward no. 4	Hnila Union Parishad	Hnila Bazar, Hoaikang, Teknaf, Cox's Bazar	
14.	Pulak Paul Chaudhury	Program Officer	Mukti Cox's Bazar	Mukti Branch Office, Teknaf, Cox's Bazar	0188-359487
15.	Absar Kamal Nobel	Political Leader of Teknaf Upazila BNP		Hnila Bazar, Teknaf, Cox's Bazar	0189-605786
16.	Sureshwar Chowdhury	B.S	D.A.E.	Upazila Agricultural Office, Teknaf, Cox's Bazar	
17.	Maulana Ziur Rahman Zia	Journalist-Teknaf		Vill+P.O- Hnila, Teknaf, Cox's Bazar	0189-343560 0171-027410
18.	Md. Akhturazzaman Laskor	Deputy General Manager	Teknaf Zonal Office	Cox's Bazar Polli Bidyut Samity, Cox's Bazar	0189-085602 64037-215
19.	Maulana Hafez Saifullah	Chairman	Baharsora Union Parishad	Baharsora Union Parishad, Teknaf, Cox's Bazar	
20.	Md. Nowab Hossain	Co-ordinator	TARD	Teknaf Upizila, Cox's Bazar	011-219215
21.	Abul Kalam	Asst. Co-operatives Officer	Co-Operatives Department	Teknaf, Cox's Bazar	
22.	Nazir Hossein	President-	Upazila Fishers' Fedaration,	Hadur Sora Fishers' Sangathan, Sabrang, Teknaf, Cox's Bazar	0188-180575
23.	Moh. Abdullah	General Secretary	Teknaf Pourashava BNP	Alhaz Ali Ahmed Market, Thana Road, Teknaf, Cox's Bazar	0117-794204-local 0189-063100-331
24.	Md. Harunur Rashid	Upazila Rural Development Officer	BRDB	Teknaf, Cox's Bazar	234-Local
25.	A.K.M. Abdus Salam	Upazila Agriculture Officer	Directorate of Agriculture Extension	Teknaf, Cox's Bazar	279-local 0189-063099
26.	S.M. Kamrul Islam	Area Co-ordinator	Village Education Research Center (VERC)	VERC, Kauikhali Para, Teknaf, Cox's Bazar	
27.	Ms. Nazma Alam	Commissioner	Teknaf Pourashava	Teknaf, Cox's Bazar	0189-084325

Sl.	Name	Designation	Organization	Address	Phone/Fax/Email
28.	Ms. Tahera Begum	UP Member, Ward no. 7,8,9	Teknaf Union Parishad	Koettu Bonia, Teknaf, Cox's Bazar	0188-092695/ 0189-355904
29.	Zabed Iqbal Chowdhury	President, & General Secretary	Teknaf Upazila Jubo Unnayan Parisad and Environmental Journalists' Forum	Kulal Para, Teknaf, Cox's Bazar	0189-082898/ 011-713963
30.	Moh. Abdul Hai	Jr. Statistics Assistant	Upazila Statistics Office	Teknaf, Cox's Bazar	
31.	Moh. Habib Ullah Chowdhury	Upazila Social Service Officer	Department of Social Services	Upazila Social Service Office, Teknaf, Cox's Bazar	0189-097412
32.	M.S. Farid	Conservation Worker	Center for Resource Studies (CNRS)	Teknaf	0188-048806
33.	Moh. Abdul Halim	Senior Upazila Fisheries Officer	Directorate of Fisheries	Teknaf, Cox's Bazar	64079-206 0189-089489
34.	Moh. Abdul Matin	Officer In- Charge	Cyclone Preparedness Program, Bangladesh Red Crescent Society	Upazila Parisad, Teknaf, Cox's Bazar	239 0189-077846
35.	Moh. Ashekullah Faruki	Journalist	Daily Sangram-Dhaka, Daily Karnaphuly-Chittagong	S/O Late Mou. HabibUllah, Puratan Pallan Para, Teknaf, Cox's Bazar	0187-029193
36.	Jagat Joti Tripura	Project Coordinator	Jatiya Mohila Sangshta	Upazila Parisad, Teknaf, Cox's Bazar	
37.	Tapan Kanti Chowdhury	Upazila Education Officer	Department of Education	Upazila Parisad, Teknaf, Cox's Bazar	
38.	Sheikh Motiur Rahman	Forest Ranger	Department of Forest	Teknaf Range Office, Teknaf, Cox's Bazar	0189-662153
39.	A.K.M. Habibur Rahman	Asst. Farm Manager	Shrimp Cultivation Project, DFTC	Teknaf, Cox's Bazar	
40.	Ms. Lila Begum	UP Member, Ward no. 4,5,6		New Pallan Para, Teknaf, Cox's Bazar	0189-99956?
41.	Baran Barua	Conservation Biologist	Center for Natural Resources Studies (CNRS)	Teknaf Upazila Parisad Campus, Teknaf, Cox's Bazar	0188-015198
42.	Hafez Muhammad Kashem	Journalist	Daily Pubokone-Chittagong Daily Desh-Bidesh- Cox's Bazar	S/O Late Abdul Haque, Vill+P.O.: Hoaikang, Upazila: Teknaf, Dist.: Cox's Bazar	0189-033909 0188-050079
43.	Md. Nurul Alam Mian	V.F.A.	Directorate of Livestock	Teknaf, Cox's Bazar	0189-915135
44.	Moh. Sirajul Mowla	Deputy Project Officer	RPL-BRDB	Teknaf, Cox's Bazar	0189-613531





PATHARGHATA

28 March 2005



## Introduction

Local level consultation meeting on CDS in Patharghata was chaired by Mr. Md. Abdul Awal Howlader, Upazila Nirbahi Officer, Patharghata Upazila. Dr. Khurshed Alam, Institutional Expert, PDO-ICZMP and Mr. G. J. N. Murshed, Senior Scientific Officer of WARPO were present as special guests. Mr. S.I. Khaled of facilitating NGO Sankalpa Trust welcomed the guests and participants. The participants were then requested to introduce by themselves. Then Mr. Abdul Awal Howlader, the chair of the meeting gave his opening speech.

Mr. G. J. N. Murshed gave a presentation on ICZMP project and Dr. Khurshed Alam presented the draft Coastal Development Strategy (CDS). After the presentations a tea break was given. After tea break the participants were invited to participate in open discussion on the draft CDS. The participants expressed their concerns about ICZMP and CDS. They made their comments and recommendations on priority actions for CDS. Dr. Khurshed Alam and Mr. G. J. N. Murshed moderated the session. Mr. A. B. M. Golam Faruque, Scientific Officer, WARPO and Md. Sayed Iftekhar, Research Officer, PDO-ICZMP took notes on comments and recommendations.

After open discussions the participants were asked to prioritize actions for the CDS, considering the local contexts. Each of all participants voted for five 'priority actions' among from 29 proposed actions, which were listed in flip charts. They had also scope of making recommendations beyond these 29 items. Then the chair concluded the meeting by giving thanks to PDO-ICZMP/WARPO, facilitating NGO Sankkalpa Trust and the participants for the meeting a successful one. The guests and participants were invited to join lunch.

## Summary of Meeting

Upazila	Patharghata		
<b>Date of consultation</b>	28 March 2005		
<b>Venue</b>	Upazila Parishad Auditorium		
<b>Meeting started at</b>	10:30 am		
<b>Meeting concluded at</b>	1:04 pm		
<b>Chief guest</b>			
<b>Chair/moderator</b>	Md. Abdul Awal Howlader, Upazila Nirbahi Officer, Patharghata		
<b>WARPO/PDO team</b>	Dr. Khurshed Alam, Mr. G. J. N. Murshed, Mr. A. B. M. Golam Faruque, Md. Sayed Iftekhar		
<b>Summary of Participants</b>	Both sex	Female	Participating organizations
<b>Total</b>	50	11	
Government agency	15		Upazila Administration, Bangladesh Matshya Unnyan Corporation, Dept. of Fisheries, Bangladesh Water Development Board, BIWTA, Bangladesh Police, Bangladesh Rural Development Board, Dept. of Livestock, DAE, LGED, Education Department, Health Department
Local government	10	5	Patharghata Pourashava, Union Parishad
NGOs/CBOs	14	5	Udayan Samaj Kallyan Samity, SANGKALPA Trust, Multi Task, Village Development Society (VDS), CPP, Gameen Unnayan Sangstha
Civil society	5	1	Mazhar Uddin Technical & Business Management College, Hazi Jalal Uddin Mohila College, Patharghata College, Syad Fazlul Haque Degree College, Patharghata K.S. High School
Mass media	5		Patharghata Press Club, Daily Ittefaq, Daily Prothom Alo, Ajker Kagoj
Private sector			
Others	1		Social Worker
<b>Summary of comments and suggestions given by the participants</b>	<ul style="list-style-type: none"> <li>Coastal zone is endowed with vast marine resources. Even through sustainable management of only fisheries and marine resources the coastal zone could prosper and develop.</li> </ul>		

Upazila	Patharghata
	<ul style="list-style-type: none"> <li>• Pathargahta has potential in tourism. <i>Laldia</i> of Patharghata can attract the tourists even better than Kuakata or Cox's Bazar. But infrastructures and road communication has to be improved.</li> <li>• Mangroves (both natural and planted) are national treasure. The mangroves of Patharghata can be a source of timber and fuel wood as well as spot of tourist attraction.</li> <li>• Government has taken measures to stop <i>jatka</i> killing. But the effort is not yet successful. Coast Guard has taken some measures. But poor people are directly affected. We should think of providing alternative employment for them.</li> <li>• The fishers going to the deep sea are always in great danger. They do not have adequate life saving equipments.</li> <li>• The adverse impact of the polders constructed during 1960's we can feel now. All the rivers, canals silted up due to lack of maintenance.</li> <li>• Many of the plans have no connection with the ground reality. So instead of doing good the plans become harmful for the people. I apprehend the CDS is going to be such plan because we have heard about this program today, when the project is near to it's completion I believe.</li> <li>• Barguna was famous for Hilsha. But due to over catching the fish has been declined.</li> <li>• Alternative livelihood opportunities for the natural resource dependent people are needed.</li> <li>• Barguna is facing river erosion and is in threat of sea level rise.</li> <li>• Meetings and training session could be organized frequently for skill development.</li> <li>• Projects should be taken up after proper assessment of the area based demand and opportunities. For example, agriculture development project can be taken for the Barguna district.</li> <li>• What is the projected development scenario for the coastal zone targeted under the CDS?</li> <li>• A large section of the people in the region are dependent on fisheries resources. So fisheries development project can be taken here. Interest free loan, modern boat, modern fishing equipment, life saving equipments can be provided to the fishers under the project.</li> <li>• Sundarban based ecotourism industries could be set up here. A special zone could be declared.</li> <li>• In many chars are remaining unutilized. Those chars could be brought under afforestation or agriculture.</li> <li>• Wetlands and canals are filled in and dried to build houses. These are not only deteriorating the quality of environment but also lowering the productivity of agriculture land.</li> <li>• The Sundarban is in threat of destruction. The poor people collect <i>goalpata</i>, fish and timber from the forest illegally. Professional hunters do poaching of deer and wild boar. Sometimes tigers, deers, wild boars enter in to the villages and they are caught by the villagers and killed.</li> <li>• The wage labors in the region is in very depressed condition. They are not well skilled and they do not receive proper wages.</li> <li>• There is scarcity of water in the region. The people are suffering from the lack of water.</li> <li>• To increase the production and cropping intensity land zoning and land management is needed.</li> <li>• More long-term plan is needed. If there is more interaction then the knowledge will enhance.</li> <li>• For the development of the coastal zone a special fund is needed.</li> <li>• To develop the professional skill of the traditional resource dwellers training and orientation on modern technologies are needed.</li> <li>• The number of unemployed youth is high in the Patharghata. Skill development training can be provided to them.</li> <li>• There should be special program of employment generation for the women and</li> </ul>

Upazila	Patharghata
	<p>women headed households.</p> <ul style="list-style-type: none"> <li>• Massive awareness and training program for the natural resources users can be taken.</li> <li>• The ICZM project has similarities with the SBCP project. One can apprehend the repetition, i.e., failure of another project.</li> <li>• A habitation program through construction of multi-storied buildings can be taken.</li> <li>• A Master Plan for each of the 'Pourashava based town development' project can be taken.</li> <li>• Awareness and knowledge management programs for the coastal development are needed.</li> </ul>

### Comments and recommendations

#### **Mr. Muh. Abdul Awal Hawlader, Upazila Nirbahi Officer, Patharghata Upazila Parishad:**

In his opening speech Mr. Hawlader stressed on the following aspects and issues:

- Coastal zone is endowed with vast marine resources. Through sustainable management of fisheries and marine resources along the coastal zone could prosper and develop.
- Patharghata has potential for tourism. *Laldia* of Patharghata can attract the tourists even better than Kuakata or Cox's Bazar. But infrastructures and road communication has to be improved.
- Mangroves (both natural and planted) are national treasure. The mangroves of Patharghata can be a source of timber and fuel wood, and attractive tourist spot.
- Government has taken measures to stop *jaka* killing. But the effort is not yet successful. Coast Guard has taken some measures. But poor people are directly affected. We should think of providing them with alternative employment.
- The fishers going to the deep sea are always in great danger. They do not have adequate life saving equipments.

#### **Mr. M. Motiur Rahman Mollah, Chairman, Patharghata Sadar Union:**

The adverse impacts of the polders constructed during 1960s are explicit now. All the rivers, canals silted up due to lack of maintenance. Many of the plans have no connection with the ground reality. So, the plans become harmful for the people instead of benefits. I apprehend the CDS is going to be such type of plan because we have heard about it today only, when it is almost finalized. Barguna was famous for Hilsha. But due to over catching the fish has been declined. Alternative livelihood opportunities are needed for the people dependent on natural resources. Barguna is facing river erosion and is in threat of sea level rise. Meetings and training could be organized frequently for skill development. Projects should be taken up after proper assessment of the area based demand and opportunities. For example, agriculture development project can be taken for the Barguna district.

#### **Mr. Abul Kalam Azad, OC, Patharghata Thana:**

What is the projected development scenario for the coastal zone targeted under the CDS? To develop occupational skills of the local people training and orientation on modern technologies are needed so that they can utilize local and natural resources efficiently.

#### **Mr. Mosharraf Hossain, Commissioner, Patharghata Paurashava:**

A large section of the people in the region are dependent on fisheries resources. So fisheries development project can be taken here. Interest free loan, modern boat, modern fishing equipment, life saving equipments can be provided to the fishers under the project. Sundarban based ecotourism

industries could be set up here. A special zone could be declared. Many chars are remaining unutilized. Those chars could be brought under afforestation or agriculture.

**Md. Nurul Islam Advocate, Executive Director, Village Development Society (VDS):**

Wetlands and canals are filled in and dried to build houses. These are not only deteriorating the quality of environment but also lowering the productivity of agriculture land. The Sundarban is in threat of destruction. The poor people collect *goalpata*, fish and timber from the forest illegally. Professional hunters do poaching of deer and wild boar. Sometimes tiger, deer, wild boars enter in to the villages and they are caught by the villagers and killed. The wage laborers in the region are in very depressed condition. They are not skilled and they are not paid legitimate wages. There is scarcity of water in the region. The people are suffering from lack of water. To increase the production and cropping intensity land zoning and land management is needed. More long-term plan is needed. If there is more interaction then the knowledge will enhance. For the development of the coastal zone a special fund is needed.

**Md. Mahabub Alam, Head Master, Patharghata K.S. High School:**

The number of unemployed youth is high in the Patharghata. Skill development training can be provided to them. There should be special program of employment generation for the women and women headed households.

**Ms. Fatima Yeasmin, UP Member (Ward no. 7,8,9), Patharghata Union Parishad:**

Massive awareness and training program for the natural resources users can be taken.

**Md. Shahjahan, Upazila Rural Development Officer, Bangladesh Rural Development Board:**

The ICZM project has similarities with the SBCP project. So I apprehend the repetition of failure. A habitation program through construction of multi-storied buildings can be taken. A Master Plan for 'Pourashava based town development' project can be taken.

**Mr. Abul Kalam Azad, Director, Multi Task:**

Micro-credit programs have many adverse impacts. Awareness and knowledge management programs for the coastal development are needed.

**Md. Faruque Hossain Howlader, Village Leader:**

Roads, tube-well and cyclone shelters are three essential requirements of the people of this island.

**Mr. Matiur Rahman Howlader, Chairman, Char Biswas Union Parishad:**

As the public representatives we have many responsibilities. We cannot just blame others and sit

### Priority Actions

Sl.No.	Items	Rating
<b>Safeguarding the availability of fresh water with regionalized water management</b>		
1	Water management and rural development in Greater Noakhali (GN) area	
2	Action to mitigate drainage problems in Khulna region	
3	Integrated management of coastal water infrastructure (Polders)	5
4	The development of an effective system of groundwater management	
5	Strengthening sanitation and safe water supply programs in arsenic & salinity affected areas	9
<b>Optimizing use of coastal lands</b>		
6	Accreted land development and settlement: development of a sustainable process	3
7	Land use zoning for efficient use & management of land resources	8
8	Development of coastal agriculture	7
<b>Promoting economic growth emphasizing rural non-farm employment</b>		

Sl.No.	Items	Rating
9	Small and medium enterprise development on selected coastal trades	5
10	Development & employment generation through tourism	45
<b>Sustainable and equitable management of natural resources</b>		
11	Promotion and extension of environmental and socially responsive shrimp farming	8
12	Introduction and expansion of solar, tidal & wind energy in the remote coastal areas	1
13	Marine and coastal fisheries development program	13
<b>Environmental conservation</b>		
14	Completing and maintaining sea dykes as first level of defense against sea level rise	7
15	Strengthening of Coast Guard program for the improvement of peoples security and environmental conservation	7
<b>Improving livelihood conditions of people, specially women</b>		
16	Enhancement of livelihoods in chars and islands	2
17	Integrated development of remotely located island	1
18	Capacity building and skill development of female fish processors	14
19	Comprehensive rehabilitation program for erosion victims	5
20	Reduction of severe vulnerability through multi-purpose cyclone shelters - including coping mechanism	7
21	Veterinary services by private practitioners	1
<b>Empowering through knowledge management</b>		
22	Knowledge management and dissemination	9
23	Regional and other framework studies	
24	Capacity building and training	5
<b>Creating an enabling institutional environment</b>		
25	Operationalization of a Program Co-ordination Unit (PCU) at national level	2
26	Operationalization of an institutional and co-ordination mechanism involving local government at district level for the purpose of implementation	---
27	Supporting initiatives of LGIs, NGOs and media in coastal management	10
28	Empowerment through training of women members of UPs and Pourashavas	19
29	Establishment of IT supported model Unions in sea facing upazilas	22

### List of Participants

Sl.	Name	Designation	Organization	Address	Phone/Fax/Email
1.	Md. Abdul Awal Hawlader	Upazila Nirbahi Officer	Patharghata Upazila Parishad	Patharghata, Barguna	750-14
2.	Mosharraf Hossain	Commissioner	Patharghata Paurashava	Patharghata, Barguna	04455-75077
3.	Md. Shahidul Islam	Lecturer	Mazhar Uddin Technical & Business Managt. College	Monipur, Patharghata, Barguna	
4.	Joydev Sarkar	Project Co-ordinator	Udayan Samaj Kallyan Samity	Nachna Para, Patharghata, Barguna	0176-511120
5.	Mirza S.I. Khaled	Program Manager	SANGKALPA Trust	Patharghata, Barguna	04455-75122,75121 Fax: 75023 <a href="mailto:Mirzakhaled2000@yahoo.com">Mirzakhaled2000@yahoo.com</a>
6.	Md. Sadiqul Islam	Lecturer	Hazi Jalal Uddin Mohila College	Shahina Manjil, Baray Tala, Patharghata, Barguna	04455-75111
7.	Abul Kalam Azad	Director	Multi Task	Hospital Road, Patharghata, Barguna-8720	75078
8.	Md. Nurul Islam Advocate	Executive Director	Village Development Society (VDS)	Patharghata College Road, Patharghata, Barguna-8720	75013, 0176-489882 fax: 75198
9.	Md. Nazrul Islam	Accounts Officer	Bangladesh Matshya Unnyan Corporation	Bangladesh Matshya Unnyan Corporation, Matshya Bazar, Patharghata, Barguna	75018
10.	Md. Mozammel Haque	Upazila Fisheries Officer	Dept. of Fisheries	Upazila Fisheries Office, Patharghata, Barguna	75006
11.	Devpratim Hawlader	Sub-Assst. Engineer	Bangladesh Water Development Board	BWDB, Patharghata, Barguna	75045
12.	Md. Arafat Sagir	MCG	CPP, Patharghata	Patharghata, Barguna	

Sl.	Name	Designation	Organization	Address	Phone/Fax/Email
13.	Md. Faruque Hossain	<i>Ijaradar</i> (Leaser)	BIWTA	Natun Bazar, Patharghata, Barguna	75048. Fax: 75198
14.	Abul Kalam Azad	OC, Patharghata Thana	Patharghata Thana	Patharghata, Barguna	75015
15.	Md. Sekander	Social Worker		Vill.: Koralia, PO: Korom Maola, Patharghata, Barguna	
16.	Md. Shahjahan	Upazila Rural Dev. Officer	Bangladesh Rural Development Board	Patharghata, Barguna	75026
17.	Md. Manjurul Alam Ripon	UP Member	Nachna Para Union Parishad	Vill. & PO: Nachna Para Patharghata, Barguna	63386
18.	Hazi Saidur Rahman	Ex UP Chairman, Patharghata UP		Patharghata, Barguna	
19.	Dr. Md. Anowar Hossain	Upazila Livestock Officer	Dept. of Livestock	Upazila Livestock Office, Patharghata, Barguna	75007
20.	Mrs. Momtaz Begum	UP Member, Ward nos. 1,2 & 3	Patharghata Union Parishad	Vill.: Nizlathi mara, PO: Hatempur, Patharghata, Barguna	75206
21.	Mrs. Majeda Begum	UP Member, Ward No. 4,5 & 6	Patharghata Union Parishad	Vill. Ruhita, PO: Karamja Tala, Patharghata, Barguna	75206
22.	Srimoti Renu Bala	President	Women's Group-74, Sankalpa Trust	Vill.: Nizlathimara, PO.: Hatempur, Patharghata, Barguna	
23.	Ms. Mariam Chowy. Zebu	Mohila Commissioner	Patharghata Paurashava	Patharghata Puorasabha, Patharghata, Barguna	0176-528104
24.	Ms. Mahmuda Begum	Lecturer, Bangla	Patharghata College	Patharghata, Barguna	75056
25.	Ms. Fatima Yeasmin	UP Member, Ward No. 7,8,9	Patharghata Union Parishad	Patharghata, Barguna	
26.	Radha Rani Pike	President	Women's Group, Sankalpa Trust	Patharghata, Barguna	
27.	Mrs. Putul Akhter	Mohila Commissioner	Ward no. 2 Patharghata Pourasabha	Patharghata, Barguna	
28.	Ms. Momtaz Begum	President	Women's Group, Sankalpa Trust	Ward no. 7, Patharghata Pourasabha, Barguna	
29.	Ms. Fatima Begum Parul	Mohila Commissioner	Ward no. 3, Patharghata Pourasabha	Patharghata Pourasabha, Barguna	
30.	Golam Mostafa Chowdhury	General Secretary	Patharghata Press Club	Patharghata, Barguna	75049, 75075 Fax: 75023
31.	Md. Khalilur Rahman	Journalist	Daily Ittefaq	Patharghata, Barguna	75046 Fax: 75023
32.	Mir Azizur Rahman	Plant Protection Inspector	Agriculture Extension Department	Upazila Agriculture Office, Patharghata, Barguna	75035
33.	Md. Alamgir Hossain	Lecturer	Syad Fazlul Haque Degree College	Lesua, Patharghata, Barguna	
34.	Md. Matiar Rahman	Surveyor	LGED	Patharghata, Barguna	75057
35.	Md. Kamrul Islam	Upazila Education Officer	Upazila Education Office	Patharghata, Barguna	75094
36.	Biplab Roy Zenis	Correspondent	Daily Prothom Alo	College Branch Sarak, Patharghata, Barguna	0178-080466
37.	Dr. Amol Chandra Roy	Upazila Health & Family Planning Officer	Upazila Health Complex	Upazila Health Complex Patharghata, Barguna	75002
38.	Md. Imam Hossain Babul	Ex-Chairman	Upazilla Samabaya Samity, Patharghata, (BRDB)	BFDC Sarak, Patharghata, Barguna	75021 0176-124172
39.	Md. Abdul Razzak	Supervisor	Gameen Unnayan Sangstha	College Road, Patharghata, Barguna	75022, 0172-905793
40.	Syed Shahadat Hossain	APC	Sankalpa Trust	Patharghata, Barguna	75122
41.	Maksuda Khanam Chamely	APC	Sankalpa Trust	Patharghata, Barguna	75122
42.	Monotosh Gomasta	APC	Sankalpa Trust	Patharghata, Barguna	75122
43.	Md. Anwar Hossain Akan	Chairman	Patharghata Pourasabha	Patharghata, Barguna	75043, 0176-198774
44.	Ms. Jounab	President	Sankalpa Trust	Patharghata, Barguna	
45.	M. Motiur Rahman	Chairman	Sadar Patharghata UP	Sadar Patharghata UP,	75206

Sl.	Name	Designation	Organization	Address	Phone/Fax/Email
	Mollah			Patharghata, Barguna	
46.	Quazi Ruhul Amin	UPO	Upazila Secondary Education Office	Upazila Parisad, Patharghata, Barguna	75207
47.	Md. Munirul Islam	Journalist	Ajker Kagoj	Sangtai Plaza, Masjid Road Patharghata, Barguna	0172-941351
48.	Md. Imam Hossain	Journalist	Press Club, Patharghata	Patharghata, Barguna	0176-362352
49.	Kazi Ruhul Amin	UPO (Education)	Upazila Secondary Education Office	Upazila Parisad, Patharghata, Barguna	75207
50.	Md. Mahabub Alam	Head Master	Patharghata K.S. High School	Patharghata, Barguna	

## CHAPTER 5: DISTRICT LEVEL CONSULTATION





SATKHIRA

06 March 2005



## Introduction

The meeting started with Mr. Md. Ilias, Deputy Commissioner, Satkhira in the Chair. Mr. Hasan Parvez, Principal Scientific Officer (Engineering), WARPO and Mr. Muinur Rashid, Coastal & Marine Engineer, PDO-ICZMP, Dr. Aminul Hoque, Scientific Officer, WARPO were present as special guests. Mr. S. H. Ahrafuzzaman, UNO, Satkhira Sadar Upazila welcomed the Guests and the participants. The participants then introduced by themselves one by one.

Mr. Hasan Parvez of WARPO then made a presentation on ICZMP project and Mr. Muinur Rashid of PDO-ICZMP made a presentation on the draft Coastal Development Strategy. After the presentations a tea break was given. After tea break the participants were invited to take part in open discussions on CDS. The participants made their comments and recommendations on priority actions for CDS. Mr. Hasan Parvez, Mr. Muinur Rashid and Dr. Aminul Hoque gave answers to questions of the participants and clarified queries from the floor. Mr. Sayed Iftekhar, Research Officer and Mr. Ashraful Alam, Research Associate, PDO-ICZMP took notes of comments and recommendations. At the later part of the consultation meeting the participants prioritized the actions in the flip charts following voting process. Each participant was allowed to give five votes. At the end Dr. Aminul Hoque of WARPO thanked the participants, district and Upazila administration and the facilitating NGO Palli Chetona for their whole-hearted participation and cooperation.

## Summary of Meeting

District	Satkhira		
<b>Date of consultation</b>	06 March 200		
<b>Venue</b>	Upazila Parishad Auditorium		
<b>Meeting started at</b>	10:16 am		
<b>Meeting concluded at</b>	1:00 pm		
<b>Chief guest</b>			
<b>Chair/moderator</b>	Mr. Md. Ilias, Deputy Commissioner, Satkhira		
<b>WARPO/PDO team</b>	Mr. Hasan Parvez, Mr. Muinur Rashid, Dr. Aminul Hoque, Md. Sayed Iftekhar, Md. Ashraful Alam		
<b>Summary of Participants</b>	Both sex	Female	Participating organizations
<b>Total</b>	62	10	
Government agency	20		District Administration, Upazila Administration, Depart of Social Services, Forest Department, Fisheries Department, Department of Livestock, DAE, Department of Health, DPHE, Co-operative Department, BRDB, Department of Youth Development, LGED, District Information Office
Local government	2		Union Parishad
NGOs/CBOs	23	7	Uttaran, Polly Chetona, CDOW, Dwipalok, Shova, IDEAL, Bhumista, Polli Mita, USA, Anamika Mohila Unnayan Samity, R.K. Satkhira, Rural Kind Hearted, Human Rights Development Project, Coastal Resource Centre
Civil society	9	3	Satkhira Adarsha Mohila Dakhil Madrashah, Baramala Academy, Satkhira Day Night College, Satkhira Sadar Upazila Teachers' Association, Anannaya Mohila Samity
Mass media	5		Daily Janakantha, Prothom Alo, Daily Naya Diganta, Daily Satkhira Chitra, Dainik Kafela
Private sector	1		Chambers of Commerce & Industries
Others	2		Artist, Rtd. Principal of Govt. College.
<b>Summary of comments and suggestions given by the participants</b>	<ul style="list-style-type: none"> <li>The southwest region is a bit different from the rest of the coastal zone so special management for this area is needed.</li> <li>The Sundarban's mangrove ecosystem is experiencing ecosystem decline due to reduction in the freshwater flow.</li> </ul>		

District	Satkhira
	<ul style="list-style-type: none"> <li>• The polders have adverse impact on the coastal ecosystem. So effective polder management is necessary.</li> <li>• In some areas land subsidence is observed.</li> <li>• The action plans for environmental conservation have not been properly articulated in the draft CDS.</li> <li>• In this region a large number of people depend on the sea, forest and agriculture. But they are loosing their employment opportunities.</li> <li>• The marginal fishers are loosing their jobs/work due to siltation in riverbed; rivers are getting dried up, reduced freshwater flow, fish stock declined.</li> <li>• Lowlands and rivers are silted up. So silt management is necessary.</li> <li>• Shrimp cultivation has ecological impact. The natural vegetation outside the embankment and in the lowland is not observed due to shrimp cultivation.</li> <li>• Local level water and river management through Union Parishad could be a good option where applicable.</li> <li>• BWDB has failed to play its due role.</li> <li>• In the CDS the need and aspirations of the indigenous communities (like, Bawali, Mowali, Jaladas) should be properly mentioned.</li> <li>• All future plans should take care of the predicted sea level rise and climate change</li> <li>• Arsenic contamination has become a major threat to the people's health.</li> <li>• The people of Satkhira is facing acute crisis of drinking water. Surface water utilization through pond excavation, application of Pond Sand Filter system, rainwater harvesting, are becoming the only available options for safe water.</li> <li>• The ecology and environment of the area are changing. Stalinization, river drying and fresh water flow decline, change in the rainfall and groundwater pattern are making the life of the people worse. The Sundarban Ecosystem is changing. Establishment of a Research and Training Center to analyze these phenomena is needed.</li> <li>• Establishment of a deer-breeding center at Gabura Union is essential.</li> <li>• The present condition of the communities, which are dependent on natural resources, is not good. The negative effect of any development activities on them should be properly analyzed.</li> <li>• The negative effect of shrimp cultivation is well known. Land is degrading, the natural vegetations are declining, and social conflicts are increasing.</li> <li>• Agro based industries on coconut, betel nut, honey cultivation can be set up.</li> <li>• The tourism plans and facilities can primarily target domestic and local tourists.</li> <li>• The government has already taken some projects (like <i>Abashan</i> project) for the hardcore landless poor.</li> <li>• Solar power can be used for electricity generation.</li> <li>• Inter-departmental coordination and removal of conflicts are the pre-conditions for development activities.</li> </ul>

#### Comments and recommendations:

##### **Mr. Shahidul Islam, Director, Uttaran**

The southwest region is a bit different from the rest of the coastal zone of Bangladesh, so special management for this area is needed. The environment and biodiversity is different from other parts of the country. The Sundarbans mangrove ecosystem is experiencing declining and vegetation change due to reduction in the freshwater flow. The polders have adverse impact on the coastal ecosystem. So effective polder management is necessary. In some areas land subsidence is observed. But unfortunately in the draft CDS the action plans for environmental conservation in this area has not been properly articulated.

Need and aspirations of the indigenous communities (like, Bawali, Mowali, Jaladas) should be properly mentioned in the CDS. All future plans should take care of the predicted sea level rise and climate change. The KJDRP experience can be valuable for planning southwest water resource management.

**Mr. Sheikh Azhar Hossain, Chairman, Chamber of Commerce & Industries:**

In this region a large number of people depend on the sea, forest and agriculture. But they are loosing their jobs/scope of work due to many reasons: the marginal fishers are loosing their work due to siltation in river bed, rivers are drying, reduction in freshwater flow, fish stock declined, lowlands and rivers are silted up. So silt management is crucial for the maintaining water resource systems efficient. Many people are also causing environmental problems through shrimp cultivation. Shrimp cultivation generates ecological destruction. The shrimp cultivation disturbs the natural vegetation outside the embankment and in the lowland.

**Mr. Moh Anisur Rahim, Editor, Daily Satkhira Chitra:**

Local level water and river management through Union Parishad could be effective in many areas, as the BWDB has failed to deliver their expected role in this region. Employment opportunities of the people of this area need to be increased. Local government should be provided with more financial assistances.

**S.M. Khalilur Rahman, Co-Ordinator, USA:**

The people of Satkhira are suffering from acute crisis of drinking water. Arsenic contamination has become a major threat to the people's health.

**Mr. G. M. Mujibur Rahman, Upazila Engineer, LGED:**

Measures need to be taken to minimize the scarcity of sweet water. Surface water utilization through pond excavation, application of Pond Sand Filter system, rainwater harvesting are becoming the only available options. Agricultural lands are decreasing due to more and more lands are being used for shrimp cultivation.

**Dr. Mrinal Kanti Mitra, District livestock officer, DLS:**

The ecology and environment of the area is changing. Salinization, river drying and declined fresh water flow, changes in the rainfall and groundwater pattern are making the life of the people worse. The Sundarban- Ecosystem is changing. Establishment of a Research and Training Center to analyze these phenomena is needed. Establishment of a deer-breeding center at Gabura Union could be considered.

**Md. Ilias, DC, Satkhira:**

The present condition of the communities, which are dependent on natural resources, is not good. The negative effect of any development activities on them should be properly analyzed.

The negative effect of shrimp cultivation is well known. Land is degrading, the natural vegetations are declining, and social conflicts are increasing.

Agro-based industries on coconut, betel nut, and honey cultivation can be set up.

The tourism plans and facilities can primarily target domestic and local tourists.

The government has already taken up some projects (like *Abashan* project) for the hardcore landless poor.

Solar power can be used for electricity generation.

Inter-departmental coordination and removal of conflicts should be considered as pre-conditions for development activities.

All the UNOs and Upazila level officers could be included in this kind of consultations.

### Priority Actions

Sl.No.	Items	Rating
<b>Safeguarding the availability of fresh water with regionalized water management</b>		
1	Water management and rural development in Greater Noakhali (GN) area	
2	Action to mitigate drainage problems in Khulna region	30
3	Integrated management of coastal water infrastructure (Polders)	
4	The development of an effective system of groundwater management	6
5	Strengthening sanitation and safe water supply programs in arsenic & salinity affected areas	29
<b>Optimizing use of coastal lands</b>		
6	Accreted land development and settlement: development of a sustainable process	5
7	Land use zoning for efficient use & management of land resources	5
8	Development of coastal agriculture	10
<b>Promoting economic growth emphasizing rural non-farm employment</b>		
9	Small and medium enterprise development on selected coastal trades	4
10	Development & employment generation through tourism	5
<b>Sustainable and equitable management of natural resources</b>		
11	Promotion and extension of environmental and socially responsive shrimp farming	20
12	Introduction and expansion of solar, tidal & wind energy in the remote coastal areas	4
13	Marine and coastal fisheries development program	4
<b>Environmental conservation</b>		
14	Completing and maintaining sea dykes as first level of defense against sea level rise	7
15	Strengthening of Coast Guard program for the improvement of peoples security and environmental conservation	
<b>Improving livelihood conditions of people, specially women</b>		
16	Enhancement of livelihoods in chars and islands	4
17	Integrated development of remotely located island	
18	Capacity building and skill development of female fish processors	12
19	Comprehensive rehabilitation program for erosion victims	8
20	Reduction of severe vulnerability through multi-purpose cyclone shelters - including coping mechanism	1
21	Veterinary services by private practitioners	1
<b>Empowering through knowledge management</b>		
22	Knowledge management and dissemination	1
23	Regional and other framework studies	1
24	Capacity building and training	11
<b>Creating an enabling institutional environment</b>		
25	Operationalization of a Program Co-ordination Unit (PCU) at national level	
26	Operationalization of an institutional and co-ordination mechanism involving local government at district level for the purpose of implementation	12
27	Support to LGIs, NGOs and media in coastal management	18
28	Empowerment through training of women members of UPs and Pourashavas	6
29	Establishment of IT supported model Unions in sea facing upazilas	2
30	Establishing Sundarban centered research and training centers	17
31	Improvement of livelihoods of the occupational groups and the tribal people	8

## List of Participants

Sl.	Name	Designation	Organization	Address	Phone/Fax/Email
1.	Moh. Saifur Rahman Faruki	Socila Service Officer	Urban Social Service, Department of Social Services	Urban Social Service Office, Department of Social Services, Satkhira	
2.	Md. Abul Momin	Super	Satkhira Adarsha Mohila Dakhil Madrasa	Vill: Foyjullapur, PO: Brahmarajpur, Satkhira	0176-593486
3.	Md. Habibur Rahman	Chairman	Fingri Union Parishad	Vill+P.O: Fingri, Upz+Dist.: Satkhira	0172-030307
4.	A.S. Iqbal Hussain Lovelu	Artist		Tala, Satkhira	0172-124216
5.	Sheikh Selim Akter Swapan	Program Officer	Uttaran	Uttaran (Head Office), Tala, Satkhira	0171-182244, 0471-64006 Ext-283 (o), 0176-889554(P) uttaran@bdonline.com
6.	S.M. Firoz Ahmed	Supervisor cum Accountant	Palli Chetana	Jordia, Satkhira	
7.	Bina Das	Executive Director	CDOW	Sultanpur, Satkhira	0171-705409
8.	Shamima Pervin Ratna	Director	Barnamala Academy	Barnamala Academy, Mehedi Super Market, Satkhira	0171-866481 65039
9.	Nahida Pervin Panna	Executive Secretary	Bornomala Academy	Mehedi Super Market, Satkhira	011-904986 65039
10.	Shahidul Islam	Director	Uttaran	Tala, Satkhira	0171-829465, 91223029 8003095, uttaran@bdonline.com
11.	Kalyan Banerjee	District Correspondent	Prothom Alo	Kacharipara, Satkhira	0471-63744, 0171-181382 Fax:0471-63644, banerjee@btb.com
12.	Gopi Nath Ghos	Administrative Officer	Dwipalok	Kacharipara, Satkhira	0172-613349
13.	Sutapa Raha	Lecturer	Satkhira Day-Night College	Kartia, Sarkarpara, Satkhira	62057
14.	Kamrun Nahar	Lecturer	Satkhira Day-Night College	Chapra Lodge, Palashpol, Satkhira	0176-950011
15.	Md. Monirul Mamun	Program Officer	Uttaran	Tala. Satkhira	0176-422878
16.	Kazi Shahidul Haque Raju	Dist. Representative	Daily Naya Diganta	Katia Master para, Satkhira	0471-64647 0172-248166
17.	Mizanur Rahmam	Dist. Correspondent	Daily Janakantha	Fatema Manjil, Patkol ghata, Satkhira	0471-62388/ 0171-351088 mizan2388@yahoo.com
18.	G.M. Abu Baker Siddique	Asstt. Conservator of Forest	Social Plantation Zone, Forest Division	Social Plantation Zone, Forest Division, Satkhira	0172-514693
19.	Md. Mizanur Rahman	Forester	Forest Department, Satkhira	Social Affrostation Zone, Satkhira, Social Forest Division, Jessore	0176-209368
20.	Moh Anisur Rahim	Editor	Daily Satkhira Chitra	Shahid Nazmul Sarani, Satkhira-9400	0471-63759/ 63773 /62259 0171-151447 Fax: 0471-64567
21.	Anisur Rahman	Director	Palli Chetana	Vill: Jiradia, P.O.: Bangdaha, Upazila+Dist: Satkhira	0176-181295(o) 0171-309148®
22.	Swapna Ehsan	Director	Shova	Sultanpur, Satkhira	0171-144169
23.	Md. Abul Kalam Azad	Commnity Mobilizer	IDEAL	Parulia, Devhata, Satkhira	
24.	Md. Rezaul Karim	Dist. Fisheries Officer	Department of Fisheries	Dist. Matshya Bhaban, Satkhira	63318
25.	Masud Rana	Supervisor	Bhumista	Narikeltala more, Kartia, Satkhira	63880
26.	Dr. Mrinal Kanti Mitra	Dist. Livestock Officer	Directorate of Livestock Services	Livestock Campus, Kamal Nagar, Kaliganj Sarak, Satkhira	0471-63587 Fax:Do
27.	Md. Shahidul Islam	Chairman	9 no, Brahmarajpur Union Parishad	Vill & P.O: Brahmarajpur, Thana: Sadar, Satkhira	0171-355965
28.	Shafique Ahmed	Director	Palli Mita	Puratan Satkhira, Satkhira	64075
29.	Moshtak Ahmed	Lecturer	Satkhira Day-Night College	Manjitpur, Satkhira	0471-63407 ( R ) 0471-63736 (College)
30.	Md. Abdus Sattar	Crop Production Specialist	Directorate of Agricultural Extension	Khamar Bari, Satkhira	0471-63447; -62030
31.	Dr. Md. Abu Aziz Al-Mansur	Civil Surgeon	Health Department	Civil Surgeon's Office, Satkhira	0471-63502

Sl. No.	Name	Designation	Organization	Address	Phone/Fax/Email
32.	S.M. Ashrafuzzaman	UNO		Satkhira Sadar, Satkhira	63498(o)/ 63024 (R)
33.	Sheikh Azhar Hossain	President	Chamber of Commerce and Industries	New Market Bhaban, Satkhira	63563
34.	S.M. Khalilur Rahman	Co-Ordinator	USA	Puratan Satkhira, Satkhira	64654
35.	Dr. Md. Nazrul Islam	Co-ordinator (CEO)	IDEAL (Institute of Development Education for Advancement of Landless)	Vill.+P.O.:Parulia, Upazila: Debhata, Satkhira	0471-64017 ext-112 <a href="mailto:ideal_ni@yahoo.com">ideal_ni@yahoo.com</a>
36.	Tahasina Begum	Executive Director	Anamica Mohila Unnayan Samity	Satkhira	63740
37.	Jamseda Pervin	Lecturer	Satkhira Day-Night College	Satkhira	0471-63736
38.	Mohd. Nayeb Ali	Assistant Commissioner (Land)		Satkhira Sadar, satkhira	0471-63442
39.	Abdul Hamid Miah	Executive Engineer	DPHE, Satkhira	Katia, Satkhira	63445
40.	Barun Banerjee	Director	Dwipalok	Kachari para, Satkhira	63744 0176-495434
41.	Sheikh Farid Ahmed (Moyna)	Chief Reporter	Dainik Kafela, Satkhira	Katia, Sarkarpara, Satkhira	0471-63161
42.	Md. Anwaruzzaman	Development Worker	Palli Chetana	Joradia, Bangdoha, Satkhira	0176-181295(req)
43.	Md. Mahabubuz-zaman (Rintu)	Supervisor	R.K. Satkhira	Behind City Bank, Satkhira	0171-144038
44.	Md. Shamin Haider	Sr. Upazila Fisheries Officer	Directorate of Fisheries	Upazila Fisheries Office, Sadar, Satkhira	63840
45.	Mahbuba Nasreen (Swapna)	Asst. Accountant	Palli Chetana	Joradia, Bangdoha, Satkhira	0176-182295
46.	Parimal Kumar Dhali	Coordinator	Palli Chetana	Joradia, Bangdoha, Satkhira	0176-181295
47.	Md. Asaduzzaman	Deputy Director	Department of Social Services, Satkhira	Palashpole, Satkhira	62895
48.	Md.Nazrul Islam	Upazila Co-operative Officer	Co-operative Department, Satkhira Sadar	Upazila Cooperative Office, Satkhira Sadar, Satkhira	64831
49.	Md. Badruddoza	Upazila Rural Development Officer	Bangladesh Rural Development Board	Satkhira Sadar Upazila, Satkhira	63937
50.	Md. Moniruzzaman	Sub-Asstt. Engineer	Directorate of Public Health & Engineering	Satkhira Sadar Upazila, Satkhira	0172-926789
51.	Md. Jashim Uddin Siraji	Deputy Director	Directorate of Youth Development, Satkhira	Directorate of Youth Development, Munjitpur, Satkhira	63571 / 62912
52.	Emdad Hossain Babu	Executive Director	Rural Kind Hearted (RK)	RK, City Market, BaroBazar Sarak, Pran Sayer, Satkhira	0471-62493/ 62175, 0171-354791 <a href="mailto:rkwelfair@hotmail.com">rkwelfair@hotmail.com</a>
53.	G.M. Mujibor Rahman	Upazila Engineer	LGED	Satkhira Sadar Upazila, Satkhira	0471-62646/ 0171-704772
54.	Md. Shamsuzzoha	Executive Director	USA	Puratan Satkhira, Ashasuni Road, Satkhira	0471-64654/ 0171-170064
55.	Pabitra Mohan Das	General Secretary	Human Rights Development Project-Satkhira	Munjitpur, Satkhira-9400	0471-64667/ Fax:0471-64161 <a href="mailto:hrdp4667@yahoo.com">hrdp4667@yahoo.com</a>
56.	Md. Ashraf Ali	President	Satkhira Sadar Upazila Teachers' Association	Satkhira	63735
57.	M.A. Musa	Executive Director	Coastal Resource Center	Palashpole, Khulna Road, Satkhira	0176-930645
58.	Safia Karim	Secretary	Anannaya Mohila Samity	Kacharipara, Satkhira	62346(O) / 63601 (R)
59.	Asit Kumar Majumder	Principal (Rtd.), Govt. College		Katia, Sarkarpara, Satkhira-9400	0471-63131(R)
60.	Md. Abdul Wahed	District Information Officer	District Information Office	Court Building, Satkhira	0471-63511





KHULNA

10 March 2005



## Introduction

The district level consultation meeting on Draft Coastal Development Strategy (CDS) in Khulna held on 10 March 2005. Prof. Dr. Abdur Rahman of Khulna, Department of Forestry & Wood Technology of Khulna University chaired this meeting. Mr. Mahbubur Rahman, Deputy Commissioner of Khulna was present as the chief guest. Kazi Wahiduzzaman, Chief Executive NABOLOK, which acted as facilitating NGO for organizing the meeting, welcomed the participants, guests and the representatives from PDO-ICZMP/WARPO. Then the chair requested the participants to introduce by themselves.

The working session started with a presentation on overview of the ICZMP project, which was made by Mr. Hasan Parvez, Principal Scientific Officer of WARPO. Mr. Muinur Rashid, Coastal and Marine Engineer of PDO-ICZMP, made another presentation on the draft Coastal Development Strategy. The chief guest then delivered his speech.

Then a tea break was given. After tea break the participants were requested to participate in open discussion on Coastal Development Strategy. Kazi Wahiduzzaman moderated the open discussions and PDO-ICZMP, WARPO team members made clarifications and answered questions from the floor, and took notes of the discussions. At the later part of the meeting the participants were asked to prioritize actions for the CDS. Each of all participants selected five 'priority actions' for CDS, among from 29 items, which were listed in flip charts, by putting their votes, considering the local contexts. They were also asked to recommend any other actions on priority basis for CDS, if they had any.

At the end of the meeting Dr. Aminul Haque of WARPO offered vote of thanks. 'Thanks to all of you on behalf of WARPO/PDO-ICZMP for your participation in this very important consultation meeting and made this meeting a successful one by contributing through valuable comments and suggestions on CDS. Our sincere thanks to NABOLOK for their kind help in organizing this meeting. WARPO/ PDO-ICZMP is very much thankful to Mr. Mahbubur Rahman, Deputy Commissioner of Khulna, for his kind presence as the Chief Guest. Our sincere thanks to Prof. Dr. Abdur Rahim for his kind presence as the Chair of this meeting. We thank CSS for providing the venue.'

## Summary of Meeting

<b>District</b>	<b>Khulna</b>		
<b>Date</b>	10 March 2005		
<b>Venue</b>	Christian Services Society Auditorium, Rupsha Strand Road, Natun Bazar, Khulna		
<b>Starting time</b>	10:00 am		
<b>Closing time</b>	13:00 pm		
<b>Chief guest</b>	Md. Mahbubur Rahman, Deputy Commissioner, Khulna		
<b>Chair</b>	Prof. Dr. Abdur Rahman, Department of Forestry & Wood Technology, Khulna University		
<b>WARPO/PDO- ICZMP team</b>	Md. Hasan Parvez, Mr. Muinur Rashid, Dr. Aminul Haque, Md Ashraful Alam		
<b>Summary of participants</b>			
<b>Participants</b>	Both sex	Female	Participating Organizations
<b>Total</b>	<b>31</b>	<b>6</b>	
Government Agency	10	2	Health department, Information Department, DSS, DAE, BRDB, Forest Department, Directorate of Women Affairs, LGED, Department of Livestock services, Department of Fisheries
Local Government			
NGOs	16	2	Banophul, Coastal Development Partnership, NGO Forum for

District	Khulna		
			DWSS, RUSTIC, Bangladesh Jatiya Mohila Ainjibi Samity, Rupantar, Wetland Resource Development Society, Unnayan, Prodipan, CDC Khulna, Dhruvad Khulna, Nabolok, Nabarun Sangsad, CARE
Civil Society	3	1	Khulna Unnayan Shomonnay Sangram Committee, Federation of University Women, Govt. Girls' College,
Mass Media			
Private Sector	2	1	Palli Bidyut Samity, Marie Stope Clinic,
Others			
<b>Summary of comments and suggestions given by the participants</b>	<ul style="list-style-type: none"> <li>• Communication facilities need to be improved, which will contribute improving healthcare services for rural people.</li> <li>• Adequate rural health centers with the facilities of maternity services should be established.</li> <li>• 'Solar energy project' should be established in rural area to benefit local people.</li> <li>• A permanent solution for drainage congestion has to find out. Without solving this problem no development activity shall be successful.</li> <li>• Canal re-excavation in order to keep water flow open is essential.</li> <li>• River dredging should be done in proper way as a part of efficient water management system.</li> <li>• Improvement of healthcare facilities and education facilities is needed. Adequate number of Community Clinics should be established to benefit the local people.</li> <li>• Healthcare education must be emphasized to raise health awareness among the local people.</li> <li>• Shrimp cultivation must be environmentally sound. Marketing of Shrimp in local markets should be ensured from which the cultivators should get actual price; government should take necessary actions in this regard.</li> <li>• Integrated agricultural development with proper irrigation facilities is needed.</li> <li>• Sundarban conservation is missing in the draft CDS. Many plants are dying in the Sundarban due to saline water. Emphasis needs to be given on Sundarban conservation in coastal development processes.</li> <li>• Initiatives for harvesting rainwater need to be ensured. Pond management program for ensuring supply of safe drinking water is essential.</li> <li>• Land zoning for Shrimp cultivation is needed in this area.</li> <li>• 'Zinging Duck' project must be taken in this area. These ducks can survive in saline water.</li> <li>• Afforestations to reduce the risks of natural disasters are very important. Therefore, afforestations are essential for the development of coastal zone. To improve ecological balance, more plantations on the roadsides, in newly accreted land, in school grounds must be ensured.</li> <li>• 'Natural Forestry Conservation and Management' should be included in the CDS as a major strategy.</li> </ul>		

#### Comments and recommendations:

##### **Dr. Gazi Farque Hossain (Medical Officer):**

Communication facilities need to be improved, which will contribute improving healthcare services for rural people. Adequate rural health centers with the facilities of maternity services should be established.

##### **A.K. Azad (LGED):**

'Solar energy project' should be established in rural area to benefit local people. A permanent solution for drainage congestion has to find out. Without solving this problem no development activity shall be successful. However, canal re-excavation in order to keep water flow open is

essential. River draiging should be done in proper way as a part of efficient water management system.

**Moral Noor Mohammad (RUSTIC):**

Improvement of healthcare facilities and education facilities is needed. Adequate number of Community Clinics should be established to benefit the local people. Healthcare education must be emphasized to raise health awareness among the local people.

Shrimp cultivation must be Environmentally sound. Marketing of Shrimp in local markets should be ensured from which the cultivators should get actual price; government should take necessary actions in this regard.

**Md. Ayub Khan (NGO Forum for DWSS):**

Agricultural work is being disturbed by saline water. Rice plant can't grow up against saline water. Therefore 'crop loss' is a common phenomenon in this area. Thus, fresh water should bring into the agriculture field for which necessary arrangements must take up by the government. Integrated agricultural development is needed.

**Md. Abu Bakar (Forest Dept.):**

Sundarban conservation is missing in the draft CDS. Many plants are dying in the Sundarban due to saline water. Emphasis needs to be given on Sundarban conservation in coastal development processes.

**M.A. Majid (BRDB):**

A detail description on proposed projects needs to be included in CDS.

**Md. Shahabuddin Mia (DAE):**

Initiatives for harvesting rainwater need to be ensured. Pond management program for ensuring supply of safe drinking water is essential.

Land zoning for Shrimp cultivation is needed in this area.

**Dr. Dulal Krishna Roy (Dept. of Livestock):**

'Zingding Duck' project must be taken in this area. These ducks can survive in saline water.

**Umme Kulsum (CDP):**

Afforestations to reduce the risks of natural disasters are very important. Therefore, afforestations are essential for the development of coastal zone. To improve ecological balance, more plantations on the roadsides, in newly accreted land, in school grounds must be ensured.

**Prof. Dr. Abdur Rahman (Khulna University):**

'Natural Forestry Conservation and Management' should be included in the CDS as a major strategy.

**Priority Actions**

Sl.No.	Items	Rating
<b>Safeguarding the availability of fresh water with regionalized water management</b>		
1	Water management and rural development in Greater Noakhali (GN) area	
2	Action to mitigate drainage problems in Khulna region	13
3	Integrated management of coastal water infrastructure (Polders)	1
4	The development of an effective system of groundwater management	2

SLNo.	Items	Rating
5	Strengthening sanitation and safe water supply programs in arsenic & salinity affected areas	12
<b>Optimizing use of coastal lands</b>		
6	Accreted land development and settlement: development of a sustainable process	4
7	Land use zoning for efficient use & management of land resources	2
8	Development of coastal agriculture	7
<b>Promoting economic growth emphasizing rural non-farm employment</b>		
9	Small and medium enterprise development on selected coastal trades	5
10	Development & employment generation through tourism	8
<b>Sustainable and equitable management of natural resources</b>		
11	Promotion and extension of environmental and socially responsive shrimp farming	5
12	Introduction and expansion of solar, tidal & wind energy in the remote coastal areas	10
13	Marine and coastal fisheries development program	1
<b>Environmental conservation</b>		
14	Completing and maintaining sea dykes as first level of defense against sea level rise	1
15	Strengthening of Coast Guard program for the improvement of peoples security and environmental conservation	1
<b>Improving livelihood conditions of people, specially women</b>		
16	Enhancement of livelihoods in chars and islands	
17	Integrated development of remotely located island	3
18	Capacity building and skill development of female fish processors	7
19	Comprehensive rehabilitation program for erosion victims	2
20	Reduction of severe vulnerability through multi-purpose cyclone shelters - including coping mechanism	3
21	Veterinary services by private practitioners	4
<b>Empowering through knowledge management</b>		
22	Knowledge management and dissemination	8
23	Regional and other framework studies	3
24	Capacity building and training	7
<b>Creating an enabling institutional environment</b>		
25	Operationalization of a Program Co-ordination Unit (PCU) at national level	
26	Operationalization of an institutional and co-ordination mechanism involving local government at district level for the purpose of implementation	3
27	Supporting initiatives by LGIs, NGOs and media in coastal management	11
28	Empowerment through training of women members of UPs and Pourashavas	6
29	Establishment of IT supported model Unions in sea facing upazilas	4
30	Activities for optimum uses of surface water	10

### List of Participants

Sl.	Name	Designation	Organization	Address	Phone/Fax/Email
1.	Zakia Akhter Hossain	Executive Director	Banophul	215, Khan Jahan Ali Road Khulna	041-721314, 0171-236908 <a href="mailto:mnsadath@btb.net.bd">mnsadath@btb.net.bd</a>
2.	Umme Kulsum	Project Co-ordinator	Coastal Development Partnership	55/2, Islampur Road, Khulna	041-810573 <a href="mailto:rvce@cdpbd.org">rvce@cdpbd.org</a>
3.	Md. Abul Kalam Azad	Dy. Principal Information Officer (CC)	PID, Regional Office Khulna	Press Information Dept. Regional Information Office 6, Ahsan Ahmed Road, Khulna	041-721891, Fax:041- 720853 <a href="mailto:pidkhulna@btb.net.bd">pidkhulna@btb.net.bd</a>
4.	Wahidur Rahman	Principal (Retd.)	Executive Member, Khulna Unnayan Shomonnay Sangram Committee	28, Zahidur Rahman Sarak, Khulna	733382
5.	Rosey Rahman	Vice President	Federation of University Women, Khulna	28/4 Gogan Babu Road, Khulna	723122, 0178-003309
6.	Mahbuba Rahman	Socila Welfare Officer	Hospital Social Service	Sadar Hospital, Khulna	731490

Sl.	Name	Designation	Organization	Address	Phone/Fax/Email
			Program		
7.	Md. Nazrul Islam	A.G.M. (M/S)	Khulna Palli Bidyut Samity	Thikraband, Khulna	810890, fax:721991
8.	Md. Shahabuzzaman Mian	Deputy Director	Dept. of Agricultural Extension	54, Rupsha Strand Road Khamar Bari, Khulna	811486/ 041, Fax: Do
9.	M.A. Majid	Deputy Director	BRDB	109, Khanjahan Ali Road Khulna	723169
10.	Md. Abu Bakar	Forest Ranger	Forest Deptt. Sundarban West	Divisional Forest Office, Sundarban West, Forest Division, Khulna	720665
11.	Md. Ayub Khan	Regional Manager	NGO Forum for DWSS	H # 347, R # 02, Sonadanga R/A (2 <sup>nd</sup> Floor), Khulna-9100	041-720249 <a href="mailto:nfkulna@khulna.bangla.net">nfkulna@khulna.bangla.net</a>
12.	Moral Noor Mohammad	Executive Director	RUSTIC	H # 66, R # 04, Sonadanga R/A, Khulna-9000	041-729421 <a href="mailto:rustic@khulna.bangla.net">rustic@khulna.bangla.net</a>
13.	Sultana Razia	Office Asst.	Directorate of Women Affairs, Khulna	5, Sher-e-Bangla Road, Khulna	720453
14.	Dr. Gazi Faruque Hossain	Medical Officer		Civil Surgeon Office, Khulna	725286 0171-667841
15.	A.K. Azad	Executive Engineer	LGED	22, Rupsha Strand Road, Khulna	041-723183 (O), 721359 (R) Fax: 722833 <a href="mailto:kenulr@lged.org">kenulr@lged.org</a>
16.	Anwarul Quadir	Associate Professore, (Economics)	Govt. Girls's College	75, College Boubdari Road, Boyra, Khulna	761736
17.	Debi Roy	Clinic Manager	Marie Stope Clinic	156 Khan-A-sabur Road, Khulna	731190
18.	Kamruzzaman Baby	Lawyer	Bangladesh Jatiya Mohila Ainjihi Samity, Khulna	Divisional Office, 36, Khan-A- Sabur Road Bilane, Khulna	0171-578809
19.	Dr. Dulal Krishna Roy	Additional District Livestock Officer	Deptt. Of Livestock Services	Dist. Livestock Office, Khulna	041-723493, 0171-021276 Fax:721755
20.	Rafiqul Islam Khokan	Director	RUPANTAR	14/1 Faraji Para Lane, Khulna	041-731876, Fax:810747 <a href="mailto:rup@khulna.bangla.net">rup@khulna.bangla.net</a>
21.	A.H.M Reazul Haq	Executive Director	Wetland Resource Development Society (WRDS)	21, Hazi Mohsin Road, Khulna	041-811665 <a href="mailto:wrd@bttb.net.bd">wrd@bttb.net.bd</a>
22.	Md. Mostafizur Rahman	Project Officer, BCAHA Project (SAP)	UNNAYAN	F-1 KDA Avenue, Moilapota, Khulna	732438 <a href="mailto:mostafiz_kh@yahoo.com">mostafiz_kh@yahoo.com</a>
23.	Md. Mujibur Rahman	Supervisor-cum- Trainer	PRODIPAN	Shaheb Bari, Moheshewarpara, Khulna	774777, 0176-649372 Fax:769477 <a href="mailto:ppnh@khulna.bangla.net">ppnh@khulna.bangla.net</a>
24.	S.M. Asaduzzaman	Executive Director	CDC Khulna	107, Sultan Ahmed Road, Khulna	041-721314, 0171-236908 <a href="tel:0171-730870">0171-730870</a>
25.	Basu Dave Biswas Babla	Director (PRO)	DHRUPAD Khulna	8/1 Primary School Road West Fulpara, Khulna-9100	041-810596, 0176-447578 <a href="mailto:dhrupadkhulna@email.ro">dhrupadkhulna@email.ro</a>
26.	Kushal Roy	Research Fellow	CDP	55/2, Islampur Road Khulna-9100	0176-639461 <a href="mailto:kushalku@gmail.com">kushalku@gmail.com</a>
27.	Shankar Ranjan Sarkar	Program Organizer	NABOLOK	73, South Central Road Khulna	720155, Fax:721882 <a href="mailto:nabolok@khulna.bangla.net">nabolok@khulna.bangla.net</a>
28.	Mizanur Rahman Bijoy	Asst. Co-ordinator	NABOLOK	73, South Central Road Khulna	041-720155, Fax:721882 <a href="mailto:nabolok@khulna.bangla.net">nabolok@khulna.bangla.net</a>
29.	Farhad Newaz Tipu	Executive Director	NABARUN Sangsad, Khulna	74, Roy para Road, Khulna	724771
30.	Tofail Ahmed	Extension Officer	Dist. Fisheries Office, Khulna	Dist. Fisheries Office, Khulna	763016, Fax:763016
31.	Goutam Sarker	Adv. Co-ordinator	CARE	CARE-Khulna, H # 13, R # 114Khalishpur Housing Estate	0171-863501, 761250 <a href="mailto:sarker4@yahoo.com">sarker4@yahoo.com</a>



CHITTAGONG

12 March 2005



## Introduction

The meeting started at 10:40. Dr. Liakath Ali (SNE, PDO-ICZMP) welcomed all the participants and informed the meeting that due to some unavoidable reason chair of the meeting Dr. Syed Nesar Ahmed Romy, DC Chittagong will join a few minutes later, however he requested to start the proceedings. He then briefly described the program of the meeting.

- The working session was comprised of two presentations. Mr. Md. Shajahan (PSO, WARPO) presented a brief overview of ICZMP project (Objectives, outputs and current activities). Dr. Liakath Ali (SNE, PDO-ICZMP) then presented the draft outline of the Coastal Development Strategy (CDS).
- In the middle of the presentation chairperson joined the meeting at 11.00 a.m.
- After the presentation the meeting was opened for discussion. Dr. Liakath Ali moderated the session.
- After the open discussion, the participants were requested to select five priority actions for their district from a proposed list of 29.
- The chairperson then concluded the meeting thanking all the participants, especially WARPO/PDO for arranging such consultation and expressed his hope that a comprehensive Coastal Development Strategy would be formulated through this consultation.

## Summary of Meeting

<b>District</b>	<b>Chittagong</b>		
<b>Date of consultation</b>	12 March 2005		
<b>Venue</b>			
<b>Meeting started at</b>	10:40 am.		
<b>Meeting concluded at</b>	01:00 pm.		
<b>Chief guest/ Chair</b>	Dr. Syed Nesar Ahmed Romy, Deputy Commissioner, Chittagong		
<b>Moderator</b>			
<b>WARPO/PDO team</b>	Mr. Md. Shajahan, Dr. Liakath Ali, Mr. Mohammad Showkat Osman		
<b>Upazila represented</b>			
<b>Summary of Participants</b>	Both sex	Female	Participating Organisations
<b>Total</b>	<b>30</b>	<b>6</b>	
Government Agency	15	2	District Administration, Divisional Information Office, Department of Fisheries, Marine Fisheries Department, LGED, BWDB, BRDB, Department of Agriculture Extension, Forest Department, Bangladesh Shisu Academy, Department of Women Affairs, Education Department
Local Government			
NGOs	12	3	ADAB, CODEC, Protiva, Protyashi, YPSA, Matshya Babsayee Samity, Upokulio Jele Samannay Parisad
Civil Society	2	1	University of Cttagong, Kernel National School & College
Mass Media	1	0	Daily Suprovat Bangladesh
Private Sector			
Others			
<b>Summary of comments and suggestions given by the participants</b>	<ul style="list-style-type: none"> <li>• A separate zone should be made for ship breaking.</li> <li>• Improved communication infrastructure is needs.</li> <li>• Specific action about environmental conservation and waste management should be added to the CDS.</li> <li>• Coastal afforestation should be given priority</li> </ul>		

District	Chittagong
	<ul style="list-style-type: none"> <li>• People affected by construction of embankment must be rehabilitated.</li> <li>• Training program is required for the coastguard.</li> <li>• Conservation of forest must be ensured.</li> <li>• Delineation of Coastal Zone should be based on Latitude-Longitude.</li> <li>• Different variety of cops must be introduced.</li> <li>• Marine resources like seaweeds should be given proper attention.</li> <li>• Credit should be distributed among small groups.</li> <li>• Small industries should be encouraged in local level.</li> <li>• Number of Cyclone Shelter should be increased; multi-purpose use must be ensured.</li> <li>• Emphasis should be given on groundwater management.</li> <li>• Security against natural disaster likes cyclone, tidal surge, and tsunami must be ensured.</li> <li>• Land zoning should be given priority.</li> <li>• Emphasis should be given on integrated approach</li> <li>• CDS should be ICDS (Integrated Coastal Development Strategy)</li> <li>• EEZ (Exclusive Economic Zone) was not mentioned that well in the CDS.</li> </ul>

#### Comments and Recommendations:

##### **Abdulla Al Mamun (Program Manager, YPSA)**

Ship breaking is creating a lot of hazard in the Chittagong coast, a separate zone should be made for ship breaking. .

##### **Md. Shahjahan Mollah (Executive Engineer, LGED):**

Communication infrastructure of the coastal zone needs to be improved. There is no specific action about environmental conservation; waste management should be added to the CDS.

##### **Dewan Zafrul Hassan (Divisional Forest Officer, Forest Department):**

Coastal afforestation should be given priority. Forest areas are destroyed for shrimp culture; this must be bringing to a close. Integrated approaches id required for that.

##### **Monowara Begum (Executive Director, Prottiyasa):**

Coastal land management is very important. People affected by construction of embankment must be rehabilitated. Training program is required for the coastguard. Forest conservation must be ensured.

##### **Md. Fokhrul Alam (Scientific Officer, Department of Fisheries):**

Delineation of Coastal Zone should be based on Latitude-Longitude. Different variety of cops must be introduced. Marine resources like seaweeds should be given proper attention. Credit should be distributed among small groups. Small industries should be encouraged in local level. Number of Cyclone Shelter should be increased; multi-purpose use must be ensured.

##### **Md. Nazrul Islam Bhuiya (Daily Shuprovat, Bangladesh):**

Emphasis should be given on groundwater management. Recent study shows that deep tube well water may contaminate if not used in a controlled way.

##### **Ahmed Morshed (ADC Revenue):**

Many people affected due to land acquired by different projects, is there any plan to rehabilitate theses people. How would the working force for projects be selected?

**Md. Habibur Rahman (Superintendent Engineer, BWDB):**

Objective of the CDS is to improve the livelihood of coastal people. To do so first security of coastal people must be ensured; security against natural disaster likes cyclone, tidal surge, and tsunami. Forest should be protected from destruction. Land zoning should be given priority.

**Remarks from the Chairperson:**

Taking part in the discussion chair of the meeting Dr. Syed Nesar Ahmed Romy (DC, Chittagong) emphasized on integrated approach. He proposed that CDS should be ICDS (Integrated Coastal Development Strategy). He pointed out that EEZ (Exclusive Economic Zone) was not mentioned that well in the CDS. He also emphasized on conservation of Sundarban as a reserved forest.

**Priority Actions**

<b>SlNo.</b>	<b>Items</b>	<b>Rating</b>
<b>Safeguarding the availability of fresh water with regionalized water management</b>		
1	Water management and rural development in Greater Noakhali (GN) area	1
2	Action to mitigate drainage problems in Khulna region	2
3	Integrated management of coastal water infrastructure (Polders)	2
4	The development of an effective system of groundwater management	5
5	Strengthening sanitation and safe water supply programs in arsenic & salinity affected areas	1
<b>Optimizing use of coastal lands</b>		
6	Accreted land development and settlement: development of a sustainable process	5
7	Land use zoning for efficient use & management of land resources	14
8	Development of coastal agriculture	3
<b>Promoting economic growth emphasizing rural non-farm employment</b>		
9	Small and medium enterprise development on selected coastal trades	6
10	Development & employment generation through tourism	10
<b>Sustainable and equitable management of natural resources</b>		
11	Promotion and extension of environmental and socially responsive shrimp farming	5
12	Introduction and expansion of solar, tidal & wind energy in the remote coastal areas	6
13	Marine and coastal fisheries development program	8
<b>Environmental conservation</b>		
14	Completing and maintaining sea dykes as first level of defense against sea level rise	10
15	Strengthening of Coast Guard program for the improvement of peoples security and environmental conservation	5
<b>Improving livelihood conditions of people, specially women</b>		
16	Enhancement of livelihoods in chars and islands	17
17	Integrated development of remotely located island	3
18	Capacity building and skill development of female fish processors	3
19	Comprehensive rehabilitation program for erosion victims	10
20	Reduction of severe vulnerability through multi-purpose cyclone shelters - including coping mechanism	3
21	Veterinary services by private practitioners	
<b>Empowering through knowledge management</b>		
22	Knowledge management and dissemination	5
23	Regional and other framework studies	
24	Capacity building and training	2
<b>Creating an enabling institutional environment</b>		
25	Operationalization of a Program Co-ordination Unit (PCU) at national level	
26	Operationalization of an institutional and co-ordination mechanism involving local government at district level for the purpose of implementation	3
27	Supporting initiatives by LGIs, NGOs and media in coastal management	7
28	Empowerment through training of women members of UPs and Pourashavas	
29	Establishment of IT supported model Unions in sea facing upazilas	3

S.No.	Items	Rating
30	Special program for the children	1
31	Proper selection of the beneficiaries	1
32	Afforestation	1

## List of Participants

Sl.	Name	Designation	Organization	Address	Phone/Fax/Email
1.	Dr. Syed Nesar Ahmed Romy	DC	Office of the Deputy Commissioner	Chittagong	
2.	Ahmed Morshed	ADC (Rev.)	Office of the Deputy Commissioner	Bangladesh Bank Bhaban (Old) Chittagong	031-621008 (o)
3.	Md. Shahjahan Mollah	Executive Engineer (Training)	LGED	Nasirabad, Chittagong LGED Bhaban (2 <sup>nd</sup> Floor)	031-655296 (o), 0171468556 ms_mollah@hotmail.com
4.	Abul Kalam Azad	Fishery Officer	Dept. of Fisheries	District Fishery Office, Chittagong	031-650609
5.	Md. Fokhrul Alam	Scientific Officer	Marine Fisheries Survey Management Unit, DoF	C.G.O. Building -2 (6 <sup>th</sup> Floor) Agrabad Chittagong	031-724206
6.	M. Sarwar Jahangir	Marine Production Officer	Marine Fisheries Department	C.G.O. Building-1 Agrabad Chittagong	031-721731, 031-816784
7.	Md. Golam Faruque	Representative of Deputy Director	District Information Office	21 M. M. Ali Road, Chittagong	031-611079, 699079
8.	Md. Habibur Rahman	Superintendent Engineer	Chittagong O&M, BWDB	Chittagong O&M, BWDB Bahaddarhat, Chittagong	031-657373 habibur@gonet.com
9.	Md. Nasiruddin	Executive Engineer	Bangladesh Water Development Board	Executive Engineer Chittagong O&M Division-II, BWDB, Baddarhat, Chittagong	650612
10.	Mohammad Al-Amin	Assistant Engineer	Bangladesh Water Development Board	Office of Chief Engineer, South-Eastern Zone, Chittagong, BWDB	011-092995(m) <a href="mailto:alamin95@yahoo.com">alamin95@yahoo.com</a> <a href="mailto:alamin95@gmail.com">alamin95@gmail.com</a>
11.	Md. Shahidul Islam	Deputy Director	BRDB	Block-A, Chandgaon, Chittagong	670690
12.	Mushtaq Ahmad	Plant Protection Specialist	Dept. of Agriculture Extension	Agrabad, Chittagong	727021, 810891 Fax: 720851
13.	Dewan Zafrul Hassan	Divisional Forest Officer	Chittagong Coastal Forest Division, Dept. of Forest	Forest Hill, Nandan Kanon, Chittagong	611469 (O), 653195 (R) <a href="mailto:pushpa@colbd.net">pushpa@colbd.net</a>
14.	Md. Muktar-Ul Alam	District Organiser	Bangladesh Shisu Academy, Chittagong	Bangladesh Shisu Academy Chittagong, 939, OR Nezam Road, (No. 2 Hill View Road) Near Mini Super Market (southern site), Chittagong	652850 (O), 659292 (R)
15.	Jebun Nahar Bela	District Women Affairs Officer	Women Affairs Department	House-24, Road-2, Nasirabad Housing Society, Chittagong	031-652909
16.	Taposh Datta	Asstt. District Education Officer	District Education Office	Nasirabad Govt. Boys School, Chittagong	654130
17.	Subruta Dutta	Chapter Co-ordinator	ADAB	House -13, Road-1, Block-B, Chandgaon R/A, Chittagong	880-31-670302, 0171-973318 <a href="mailto:adabctg@adnetbd.com">adabctg@adnetbd.com</a>
18.	Aysha Akhtar	Senior Program Officer	Community Development Centre (CODEC)	House-62, Road-3, Block-B, Chandgaon R/A, Chittagong	671405, 672516, 31-672154 <a href="mailto:aysha235@yahoo.com">aysha235@yahoo.com</a>
19.	Md. Mahmud Hasan	Coordinator, CODEC Save the Children	CODEC	House-62, Road-3, Block-B, Chandgaon R/A, Chittagong	031-671405 -Ex: 102 <a href="mailto:mahmudanthro@gmail.com">mahmudanthro@gmail.com</a>
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23.	M.O.H. Kaiyum	General Secretary	Protiva (a social development organization)	Post: Barabkunda, Upazila: Sitakunda, Dist: Chittagong-4312	0189369778
24.	Monowara	Executive Director	Protyasa	Syed Bari, 90/A Ornarali	031-658222

Sl.	Name	Designation	Organization	Address	Phone/Fax/Email
	Begum			Matobbar Road, (Near Bahaddar Bari), Bahaddar Hat, Chittagong	
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26.	--- Abjar Rahman	Member	Fishing Traders Samittee	Fringi Bazar, BFDC Market	
27.	Sharathi Rani Das	Advisor	Coastal Fishery Coordination Office	Latifpur, Zafrabad, Shitakunda, Chittagong	
28.	Shree Hari Das	Advisor	Coastal Fishery Coordination Office	Latifpur, Zafrabad, Shitakunda, Chittagong	
29.	Dr. Mohammad Abu Taiyeb Chowdhury	Associate Professore and Chairman	Dept. of Geography & Environmental Studies, University of Chittagong	Apt. 5/1, Bldg.Y-9, Rd. 1(main) Block A, Chandgaon R/A, Chittagong	673032 <a href="mailto:mat_chowdhury@yahoo.com">mat_chowdhury@yahoo.com</a>
30.	Hasina Ahmed	Principal	Kernel National School & College	2268 Zakir Hossain Road Chittagong	657064, 0989170633 <a href="mailto:knsc_ctg@yahoo.com">knsc_ctg@yahoo.com</a>
31.	Md. Nazrul Islam Bhuiya	Staff Reporter	Daily Shuprovat, Bangladesh	4 CDA C/A, Momin Road, Chittagong	0176-432045, Fax: 31-842815 <a href="mailto:nazrulbs9@yahoo.com">nazrulbs9@yahoo.com</a>
32.	Md. Shahjahan	Chief Scientific Officer (Social-Economic)	WARPO	WARPO, House 103, Road 01, Banani, Dhaka	9895163, <a href="mailto:msajahan@warpo.org">msajahan@warpo.org</a> <a href="mailto:shahjahan-warpo@yahoo.com">shahjahan-warpo@yahoo.com</a>



BAGERHAT

13 March 2005



## Introduction

The meeting started with Mr. Moyeen Uddin, Deputy Commissioner, Bagerhat in the Chair. Ms. Rehana Akhter, Biodiversity Conservation and Environmental Expert, PDO-ICZMP and Mr. Rezaul Karim, Senior Scientific Officer, WARPO were present as special guests. Session started with the welcome address by Ms. Rehana Parvin of facilitating NGO Shaplaphul. Then Mr. Moyeen Uddin, chair of the meeting, delivered his opening speech and requested the participants to make comments and recommendations for the Coastal Development Strategy, which is expected to be a very significant national guiding document for the coastal development, he termed. Then two presentations were made. Mr. Rezaul Karim of WARPO made a presentation on ICZMP project and Ms. Rehana Akhter of PDO-ICZMP made a presentation on the draft Coastal Development Strategy. After these two presentations a 30 minutes tea break was given. After tea break the participants were invited to take part in open discussions. The participants made their comments and recommendations on priority actions for CDS. The Deputy Commissioner moderated the discussion session. Ms. Rehana Akhter and Mr. Rezaul Karim gave clarifications and answered questions from the floor. PDO-ICZMP team members (Mr. Md. Sayed Iftekhar, Research Officer, PDO-ICZMP and Mr. Akhtaruzzaman, Scientific Officer, WARPO) took notes. At the later part of the meeting each of all the participants were asked to vote for five priority actions among from 29 proposed items and the participants prioritized the actions for the CDS. They have also recommended few items beyond this 29.

## Meeting summary

District	Bagerhat		
Date of consultation	13 March 2005		
Venue	Conference Room of the Deputy Commissioner		
Meeting started at	11:20 am		
Meeting concluded at	2:15 pm		
Chief guest			
Chair/moderator	Mr. Moyeen Uddin, Deputy Commissioner, Bagerhat		
WARPO/PDO team	Ms. Rehana Akhter, Mr. Rezaul Karim, Md. Sayed Iftekhar, Mr. Akhtaruzzaman		
Summary of participants			
Participants	Both sex	Female	Participating organizations
<b>Total</b>	76	7	
Government agency	49	2	Bangladesh Parjatan Corporation, BSCIC, Department of Education, District Administration, Upazila Administration, Zila Parishad, Bangladesh Police, BADC, Fire Service & Civil Defense, Education Engineering Department, Forest Department, Ansar & VDP, District Co-operative Office, Mongla Export Processing Zone, Department of Women Affairs, REB, DAE, BRDB, Department of Livestock, BPC, Department of Mass Communications, Islamic Foundation, District Sports Office, Department of Social Services, Department of Youth Development, Roads & Highways Department, Directorate of Family Planning, Fisheries Department, Directorate of Relief & Rehabilitation, DoE, BWDB, PWD, DPHE, Department of Food.
Local government	4	3	Union Parishad, Bagerhat Municipality
NGOs/CBOs	7	2	Rupantor, Peace Society, Jagrata Jubo Sangstha, BRAC, CDC, Shaplaphul
Civil society	5		Bagerhat Theatre, Bagerhat District Lawyers' Association, Bar Association, Belayet Hossain College, Khan Jahania Gono Bidyalaya, Press Club.

District	Bagerhat	
Mass media	8	Daily Purbanchol, ATN Bangla, Daily Doot, Daily Sangram, Press Club, Daily Gramer Kagoj, BTV, Daily Jugantor
Private sector	3	Bagerhat Chamber of Commerce & Industries, 5 No. Goala Union Shrimp Dipo Owners' Samity,
Others		
Summary of comments and suggestions given by the participants	<ul style="list-style-type: none"> <li>• The language of the Coastal Development Strategy should be made easier so that general people can understand the document.</li> <li>• Wider consultations at grass root levels on the CDS are necessary.</li> <li>• Cooperative based poverty reduction programs can be taken up for the sustainable development of the coastal area.</li> <li>• Archeological structures should be properly taken care of to preserve the history of the nation. Moreover, tourism industries can be developed based on these sites.</li> <li>• Unfortunately nothing has been mentioned in the CDS about the disabled people. Special programs for the disabled people are urgently needed.</li> <li>• Land use conflicts are increasing due to shrimp cultivation. Poor farmers are loosing their land and employment. Land rights are hampered.</li> <li>• Fresh water aquaculture can be promoted for employment generation for the poor people.</li> <li>• Most of the time the consultation sessions do not have representation of all sectors of the society. The bottom rung of the society never get chance to express their views in this kind of consultations.</li> <li>• The current development activities have many bottlenecks. So, you have to be careful in designing a development strategy like CDS, while it embeds in existing mechanisms.</li> <li>• A large area of the district is waterlogged. The main reason is unplanned shrimp farming. We have crisis of drinking water. Installation of deep tube-wells could be an option to solve drinking water problem.</li> <li>• The district has an immense potential in fisheries resources. But due to many reasons like – siltation, declined fresh water flow, unplanned and indiscriminate fish catching, inefficient fish marketing system, impoverished condition of the fishers, etc., the potentials of the fisheries resources are not fully explored. Rather fish biodiversity is declining day by day.</li> <li>• The other issues need to be emphasized in the CDS, e.g., providing loan to the fishers interest free, electricity supply and generation through windmill establishment, fish drying and dehydrating, hatchery establishment to supply good quality fries, conservation and preservation of historical places and world heritage sites, proper and efficient utilization of Mongla port, promotion of tourism industry, optimum utilization of local resources, multiple use of <i>Golpata</i>, development of livestock resources, establishment of a zoo in the district.</li> <li>• Special education programs should be taken up for the people living in the chars and islands. Vocational training institute can be established.</li> <li>• Afforestation along the coastline should be done to protect the people and environment.</li> <li>• Many salt industries have been developed in this region. But raw material is coming from Cox's Bazar region. So, if proper technology of salt production could be disseminated then the industry owners and farmers shall be much more benefited. BSCIC can take a lead role here.</li> <li>• Due to some problems deep tube-well could not be established in four Upazilas of Bagerhat. In these areas salt-water intrusion is a huge problem. So surface water utilization using available technologies like rainwater harvesting, PSF technology should be done. Maximum use of surface water and rainwater should be ensured.</li> <li>• The upcoming River Linking Project of India is going to be disastrous for our country and especially for the coastal zone. A study should be done on the effect</li> </ul>	

District	Bagerhat
	<p>of Indian interlinking project on the coastal area of Bangladesh.</p> <ul style="list-style-type: none"> <li>• For the rural water supply pond re-excavation and reserving water solely for drinking can be planned.</li> <li>• During zoning of the coastal area shrimp farming issue should be properly taken care of.</li> <li>• Intensive shrimp cultivation in scientific way should be done in selected areas. Banning on 'current jal' should be executed to save fish fries.</li> <li>• Alternative livelihood opportunities should be promoted for the people depending on the Sundarban to save the mangrove forest.</li> <li>• Many project have been taken, e.g., like SBCP, RVCC, which resulted limited impacts. Long term, sustainable, pragmatic planning is needed to save Sundarban.</li> <li>• Dredging is needed to keep Mongla port functioning.</li> <li>• Dialogue in national and international level should be continued to ensure adequate flow of international rivers.</li> <li>• Canal re-excavation is needed to reduce water-logging problems. The canals should be protected from illegal occupation.</li> <li>• One of the key questions for successful implementation of CDS is legitimacy. It is a question of the day that whether the strategy and policy will be supported by enactment.</li> <li>• The CDS must address some key elements for the interest of local people, which are stocktaking and survey of the <i>khas</i> land for proper management and distribution, char land development, pond and canal excavation and management through local people's participation.</li> <li>• Own interest and self-motivation of the people is most important for their development.</li> <li>• There are huge potentials in this district. Even only tourism industry can bring benefits for this district greatly.</li> <li>• Establishment of a 'safari park' in the Sundarbans is our demand.</li> </ul>

#### Comments and recommendations:

##### **Mr. Mozaffor Hossain, Principal, Balayet Hossain College:**

The language of the coastal development strategy should be made easier so that general people can understand the document. Moreover, wider consultation at grass root levels on the CDS is important. A pressing problem in the coastal society is gradual widening of the gap between the rich and poor. Cooperative based poverty reduction programs can be taken up for sustainable development of the coastal area.

##### **Mr. S.K. Shamim Hassan, Area Co-ordinator, Rupantar:**

Archeological structures should be properly taken care of to preserve the history/heritage of the nation. Moreover, tourism industries can be developed in these sites.

Unfortunately nothing has been mentioned about the disabled people in the CDS. Special programs for the disabled people are urgently needed.

##### **Mr. Arup Kumar Deb Nath, Chairman, Peace Society:**

Land use conflicts are increasing day by day due to shrimp cultivation. Poor farmers are losing their land and employment. Land rights are hampered. 'Fresh water aquaculture' can be promoted for employment generation for the poor people.

Most of the time the consultations do not have representation of all sectors of the society. The bottom rung of the society never get chances to express their views in this kind of consultation. The current development activities have many bottlenecks. So, you need to be careful while designing CDS upon the existing mechanisms.

**Mr. Jatindra Chandra Modak, Deputy Director, Dept. of Agricultural Extension:**

A large area in the district is waterlogged. Unplanned shrimp farming is the main cause. Crisis of drinking water is there, which can be solved by installation of deep tube-wells.

**Mr. Saif Uddin Ahmed, Principal, Khan Jahania Gono Bidyalaya:**

The district has an immense potential in fisheries resources. But due to many reasons like – siltation, declined fresh water flow, unplanned and indiscriminate fish catching, inefficient fish marketing system, impoverished condition of the fishers, etc., the potential of fisheries resources are not fully explored. Rather fish biodiversity is declining day by day. The other elements should be emphasized in the CDS, e.g., providing loan to the fishers interest free, electricity generation through windmill establishment, fish drying and dehydrating, hatchery establishment to supply good quality fries, conservation and preservation of historical places and world heritage sites, proper and efficient utilization of Mongla port, promotion of tourism industry, optimum utilization of local resources, multiple use of *Golpata*, development of livestock resources, establishment of a zoo in the district.

**Md. Imran Ali, District Education Officer:**

Special education programs can be taken up for the people living in the chars and islands. Vocational training institute can be established. Social forestation along the coast-line should be done to protect the people and environment.

**Md. Hamiduzzaman, Correspondent, Daily Purbanchal:**

Many salt industries have been grown in this region. But raw material is coming from Cox's Bazaar area. If proper technology of salt production could be disseminated then the industry owners and farmers shall be much more benefited. BSCIC can take a leading role here.

**Mr. Shamsul Alam, Executive Engineer, DPHE:**

Due to some problems deep tube-well could not be installed in four Upazilas of Bagerhat. Saline water intrusion is a huge problem in these four Upazila. So utilization of surface water through available technologies like rainwater harvesting, PSF technology should be encouraged. Maximum use of surface water and rainwater should be ensured. The upcoming 'River Linking Project of India' shall be disastrous for our country and especially for the coastal zone. A study should be done on the affect of Indian River Interlinking project on the coastal area of Bangladesh. For safe drinking water supply in the Bagerhat Pouroshova a treatment plant with reverse osmosis technology can be established based on Mongla River. For the rural water supply pond re-excavation and reserving water solely for drinking purpose is essential.

**Md. Abdul Quddus, Executive Engineer, BWDB:**

It is important to think whether shrimp cultivation is needed or not, because demand for shrimp in Europe and America is declining. Moreover, shrimp farming has many environmental and social drawbacks. Shrimp farming issue should be properly taken care of in the process of zoning the coastal area.

**Mr. Saha Bidhan Chandra, Deputy Director, Family Planning:**

Intensive shrimp cultivation in scientific way should be done in selected areas. Banning on use of current jal should be re-enforced to save fish fries.

**Ms. Rehana Parveen, Executive Director, Shaplahul:**

To save the mangrove forest alternative livelihoods sources should be promoted for the people depend on the Sundarban. Many projects have been taken, like SBCP, RVCC, but resulted limited impacts. Long term, sustainable, pragmatic planning is needed to save Sundarban.

**Advocate Sk. Wahiduzzaman, President, Bagerhat Bar Association, & Public Prosecutor:**

Dredging is needed to keep Mangla port functioning. Shrimp cultivation must be done in integrated way, but in some selected areas.

**S.M. Zahangir Ali Babu, Secretary General, Bagerhat Theatre:**

Dialogue in national and international level should be continued to ensure adequate flow of international rivers. Canal re-excavation is needed to reduce waterlogging problem. The canals must be free from illegal occupation. Saving Sundarban can save Mongla port. Wider consultations at grass root level are needed.

**Md. Mansur Ahmed, Chief Executive Officer, Zila Parisad, Bagerhat:**

One of the key questions for successful implementation of CDS is legitimacy. It is a question of the day that whether the strategy and policy will be supported by enactment. Some important elements should be included in CDS like stocktaking and survey of the *khas land* for proper management and distribution, char lands development, pond and canal excavation and management through local people's participation.

**Mr. M. Mahbub Alam, Superintendent of Police, Bagerhat:**

People's interest and self-motivation are the most important factors for development.

**Md. Moyeen Uddin, Deputy Commissioner, Bagerhat:**

There are huge potentials in Bagerhat. Tourism industry alone can bring huge benefits for this district. Establishment of a 'safari park' in the Sundarbans can be thought of and it is a demand of the local people.

**Priority Actions**

Sl.No.	Items	Rating
<b>Safeguarding the availability of fresh water with regionalized water management</b>		
1	Water management and rural development in Greater Noakhali (GN) area	
2	Action to mitigate drainage problems in Khulna region	16
3	Integrated management of coastal water infrastructure (Polders)	
4	The development of an effective system of groundwater management	13
5	Strengthening sanitation and safe water supply programs in arsenic & salinity affected areas	17
<b>Optimizing use of coastal lands</b>		
6	Accreted land development and settlement: development of a sustainable process	2
7	Land use zoning for efficient use & management of land resources	3
8	Development of coastal agriculture	10
<b>Promoting economic growth emphasizing rural non-farm employment</b>		
9	Small and medium enterprise development on selected coastal trades	9
10	Development & employment generation through tourism	12

S.No.	Items	Rating
<b>Sustainable and equitable management of natural resources</b>		
11	Promotion and extension of environmental and socially responsive shrimp farming	4
12	Introduction and expansion of solar, tidal & wind energy in the remote coastal areas	1
13	Marine and coastal fisheries development program	2
<b>Environmental conservation</b>		
14	Completing and maintaining sea dykes as first level of defense against sea level rise	3
15	Strengthening of Coast Guard program for the improvement of peoples security and environmental conservation	3
<b>Improving livelihood conditions of people, specially women</b>		
16	Enhancement of livelihoods in chars and islands	8
17	Integrated development of remotely located island	1
18	Capacity building and skill development of female fish processors	2
19	Comprehensive rehabilitation program for erosion victims	1
20	Reduction of severe vulnerability through multi-purpose cyclone shelters - including coping mechanism	1
21	Veterinary services by private practitioners	
<b>Empowering through knowledge management</b>		
22	Knowledge management and dissemination	2
23	Regional and other framework studies	
24	Capacity building and training	3
<b>Creating an enabling institutional environment</b>		
25	Operationalization of a Program Co-ordination Unit (PCU) at national level	1
26	Operationalization of an institutional and co-ordination mechanism involving local government at district level for the purpose of implementation	
27	Supporting initiatives by LGIs, NGOs and media in coastal management	4
28	Empowerment through training of women members of UPs and Pourashavas	2
29	Establishment of IT supported model Unions in sea facing upazilas	2

### List of Participants

Sl.	Name	Designation	Organization	Address	Phone/Fax/Email
1.	Khan Md. Daud Hossain	Deputy Manager	BSCIC	BSCIC, Bagerhat	0468-62521/ 0175-090599
2.	Md. Imran Ali	District Education Officer	District Education Office	Dist. Education Office, Sarui, Bagerhat,	0468-62312/ 62503 0172-120725
3.	Md. Waliar Rahman	Additional Land Aquisition Officer	Office of the Deputy Commissioner	Office of the Deputy Commissioner, Bagerhat	0461-62543
4.	Sheikh Saleh Ahmed	Asstt. Commissioner & Magistrate	Office of the Deputy Commissioner	Office of the Deputy Commissioner, Bagerhat	0176-156297 <a href="mailto:saleh_22bcs@yahoo.com">saleh_22bcs@yahoo.com</a>
5.	Moh. Saiful Islam	Assistant Commissioner	Office of the Deputy Commissioner	Office of the Deputy Commissioner, Bagerhat	0176-104708
6.	Md. Moyeen Uddin	Deputy Commissioner, Bagerhat	Cabinet Division	Office of the Deputy Commissioner, Bagerhat	62515/ Fax:62666
7.	Md. Munsur Ahmed	Chief Executive Officer	Zila Parisad, Bagerhat	Zila Parisad Bahaban, Bagerhat	0468-62111
8.	M. Mahub Alam	Superintendent of Police, Bagerhat	Bangladesh Police	Office of the Supt. of Police, Bagerhat	62399/ 62274 Fax:62488 <a href="mailto:cpo48ontoet@yahoo.cpm">cpo48ontoet@yahoo.cpm</a> ?
9.	Md. Abdul Hannan	Additional Deputy Commissioner (Gen. & Dev.)	Bangladesh Administrative Service Association	Office of the Deputy Commissioner, Bagerhat	0171-172894
10.	S.K. Islam	Assistant Director (Fertilizer & Seed)	BADC	BADC, Bagerhat	
11.	Moh. Abdullah-Al-Arafin	Station Officer	Fire Service & Civil Defence	Fire Service & Civil Defence Station, Bagerhat	63666 /
12.	Abdus Salam	Executive Engineer	Education Engineering	Office of the Executive	63424

Sl.	Name	Designation	Organization	Address	Phone/Fax/Email
	Khan		Department	Engineer (Bagerhat Zone), Bagerhat	
13.	Md. Hamiduzzaman	Correspondent	Daily Purbanchal	Rail Road, Bagerhat	0468-63221/ 0176-331934
14.	S.M. Abdul Hai	Vice President	Bagerhat Chamber of Commerce & Industries	Main Road, Bagerhat	0468-62667
15.	S.M. Shoaib Khan	Asstt. Conservator of Forest,	Sarankhola Range	Divisional Forest Office Sundarban East Forest Division	0468-63197(O)
16.	Amal Krisna Paul	Forest Ranger	Divisional Forest Office	Social Forest Division, Bagerhat	0468-63264 (O), 63159 (R) fax:0468-63194
17.	Asim Kumar Mandal	President, 5 no. Gaola,	Union Shrimp Dipo Owners' Association	Chaderhat Fish Traders, Chaderhat, Mollarhat, Bagerhat	0189-085159
18.	G.M. Mujibur Rahman	Circle Adjutant	Ansar and VDP	Dist. Ansar & VDP Office, Munigonj, Bagerhat	0468-62344, fax same
19.	Md. Nuruzzaman	District Co-operative Officer	Dist. Co-operative Office, Bagerhat	Dist. Co-operative Office, Amlapara, Bagerhat	0468-62569
20.	G.M. Nazrul Islam	Excutive Engineer (Civil)	Mongla Export Processing Zone (MEPZ)	Mongla EPZ, Mongla, Bagerhat	04662-75195 (O)/ Fax:04662-75198
21.	Sabitri Chakravarty	Dist. Women's Affairs Officer	Women Affairs Deptt.	Dasani, Bagerhat	0468-63439
22.	Engr. Jatin Mallik	D.G.M.	Pirojpur Palli Bidhut Samity	Morrelgonj Palli Bidhut Zonal Office, Beraikhali, Morrelganj, Bagerhat	04656-56326, 0171- 578812
23.	Jatindra Chandra Modak	Deputy Director	Dept. of Agricultural Extension	Khamarbari, Bagerhat	62269, Fax:0468-62254
24.	S.M. Zahangir Ali Babu	SecretaryGeneral	Bagerhat Theatre	New Market, Bagerhat	0468-26676, 0171-366508
25.	S.K. Shamim Hassan	Area Co-ordinator	Rupantar	Dashani, Badamtola, Bagerhat	0171-309987
26.	Md. Delower Hossain	Deputy Director	BRDB	3, Dashani, Bagerhat	62579
27.	Sheikh Abu Jafar	Chairman,	Rakhalgachi Union Parisad	Vill.:Pikepara, P.O.:Rakhalgachi, Bagerhat	0172-202318
28.	Arup Kumar Deb Nath	Chairman	Peace Society	11/1, Road no. 2 (Cross Road), Dashani, Bagerhat	
29.	Showkat Akunjee	Bagerhat Correspondent	ATN Bangla	Khadar, Bagerhat	63022, Fax: 63488 0171-359807
30.	Dr.Md. Gulbar Hussain Khan	District Livestock Officer	Department of Livestock Services	Dist. Livestock Dept., College Road, Bagerhat	0468-62500 Fax: same
31.	Md. Eakub Ali Sardar	District Marketing Officer	Dept. of Agri. Marketing	Dist. Marketing Office, College Road, Bagerhat	
32.	Sk. Abu Sayed	News Editor	Daily Doot and Reporter, Daily Sangram	806, Main Road, Bagerhat	62727/62770, 0171- 063576
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34.	Abu Nayeem Muh. Abdus Sabur	Assistant Commissioner (Land)	Fakirhat Upazila Administration	Asst. Commissioner (Land) Upazila Land Office, Fakirhat, Bagerhat	62304
35.	Jeenat Ara Ahmed	Information Officer	Dept. of Mass Communications	Office of the Information Officer, Zila Parisad, Bagerhat	62572
36.	Md. Mahmud Hossain	Upazila Nirbahi Officer	Rampal Upazila	Office of the Upazi:a Nirbahi Officer, Rampal, Bagerhat	4658-56005
37.	Md. Rafiqul Islam	Deputy Director	Islamic Foundation, Bagerhat	Islamic Foundation Bangladesh, Bagerhat Dist. Office, Mithapukurpar, Bagerhat	0468-63097(O), 0468- 63637 ®
38.	Saroj Kumar Nath	Asstt. Commissioner & Mqjstrate	Office of the Deputy Commissioner, Bagerhat	Office of the Deputy Commissioner, Bagerhat	0468-62313 <a href="mailto:sarojknath@yahoo.com">sarojknath@yahoo.com</a>
39.	Sheikh Nurul Islam Nuhu	General Secretary	Bagerhat Zila Ainjibee Samity	Bar Council, Bagerhat	63307/ 62376 Chamber 0171-397342
40.	Khandaker Mohammad Ali	Assistant Commissioner	Office of the Deputy Commissioner, Bagerhat	Office of the Deputy Commissioner, Bagerhat	0468-62400 <a href="mailto:khmdali@yahoo.com">khmdali@yahoo.com</a>
41.	Md. Zellul Karim	District Sports Officer	District Sports Office	Dist. Sports Office, Bagerhat	62678
42.	Md. Anwar Hossain Hawladar	Upazila Nirbahi Officer	Kachua Upazila	UNO, Kachua, Bagerhat	0171-971012

Sl.	Name	Designation	Organization	Address	Phone/Fax/Email
43.	Md. Shahjahan Ali	Upazila Nirbahi Officer	Bagerhat Sadar Upazila	UNO, Bagerhat Sadar Upazila, Bagerhat	0468-62472
44.	Advocate Sk. Wahiduzzaman	President	Bagerhat Bar, & Public Prosecutor, Bar Association	16/1 Dipanjali, Dasani, Bagerhat	0175-035015 0468-63257, 62249
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48.	Moazzem Hossain Majnu	Bagerhat Correspondent	Bangladesh Television	Gov. P.C. College Road, Puratan Bazar, Bagerhat	0468-63076, 0171-359797
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52.	Md. Mohidul Islam	Deputy Director	Department of Social Services	Dist Social Service Office, Bagerhat	0468-63206, 0171-668442
53.	K.M. Zahid Hossain	Assistant Director	Dept. of Youth Development	Dept. of Youth Dev., Daspara, Bagerhat	0468-62694
54.	Md. Nuhuzzaman	Unit Incharge	Jagrata Juba Shangstha (JJS)	Dashani, Bagerhat	63439(req)
55.	Sk. Azmol Hossain	Regional Health Coordinator	BRAC	Sonatala, Bagerhat	0468-63212
56.	Quazi Mohammad Ali	Executive Engineer	Roads & Highway Dept.	E.E. RHD, Road Division, Bagerhat	62485, fax:63224
57.	Swapan Kumar Baral	Upazila Nirbahi Officer	Sarankhola Upazila	Sarankhola, Bagerhat	0171-117545
58.	Nitish Chandra Sarkar	Upazila Nirbahi Officer	Chitalmary Upazila	Chitalmary, Bagerhat	0171-455164
59.	Kamala Ranjan Das	Upazila Nirbahi Officer	Mollarhat Upazila	Mollarhat, Bagerhat	
60.	Saha Bidhan Chandra	Deputy Director, Family Planning	Directorate of Family Planning	Dist. Family Planning Office, Bagerhat	0468-62202
61.	Dr. Nitya Nanda Das	Dist. Fisheries Officer	Directorate of Fisheries	Dist. Fisheries Office, Matshya Bhaban, Bagerhat	0468-62445 fax: do
62.	Md. Ansar Ali	Dist. Relief & Rehabilitation Officer	Directorate of Relief & Rehabilitation	Dist. Relief & Rehabilitation Office, Bagerhat	62315
63.	Md. Mizanur Rahman	Lab. Assistant	Dept. of Environment, Khulna	Dept. of Environment, Paribesh Bhaban, Khulna	041-761164
64.	Md. Abdul Quddus	Executive Engineer	Bangladesh Water Development Board	Bagerhat O&M Div., Bashabati, BWDB, Bagerhat	0468-62195(O), 62345 (R) Fax:62195
65.	Anil Chandra Halder	Asst. Engineer	PWD, Bagerhat	PWD, Bagerhat	62331
66.	Md. Shamsul Alam	Executive Engineer	DPHE	PTI Road, Amla Para, Bagerhat	0468-62410(O), 62517(R)
67.	Md. Mozaffor Hossain Advocate	President	Bagerhat Press Club	Thana Road, Bagerhat	0468-62238, 0171-191956
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71.	Md. Safiqul Islam Khan	Supervisor	Shaplaphul	Dashani, Bagerhat	63327
72.	Irin Ershad	UP Member	Rakhalgachi Union Parisad	Rakhalgachi, Bagerhat	

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73.	Ganendra Nath Roy	Circulation Secretary, Owener of a	Shrimp Diplo Oweners' Association	Mejhergaola, P.O. Gaola Bazar, Mollahat, Bagerhat	
74.	Sharifa Akhter Swapna	Commissioner	Bagerhat Municipality	Bagerhat Municipality, Nager Bazar Road, Bagerjhat	0172-256935
75.	Alaya Begum	Commissioner	Bagerhat Municipality	Vill: Harinkhana, PO: P.C College, Bagerhat	0171-000705
76.	Kazi Faizur Rahman	Upazila Nirbahi Officer	Morelganj Upazila	UNO, Morelganj, Bagerhat	04656-56222( O) 56201 (R ), 0171-981527



GOPALGANJ

14 March 2005



## Introduction

District level consultation meeting on CDS in Gopalganj was chaired by Mr. Abdur Rouf, Deputy Commissioner, Gopalganj. Ms. Rehana Akhter, Biodiversity Conservation and Environmental Expert of PDO-ICZMP and Mr. Rezaul Karim, Senior Scientific Officer of WARPO were present as special guests. Md. Sayed Iftekhar, Research Officer, PDO-ICZMP welcomed the guests and participants. The participants were then requested to introduce by themselves. Then Mr. Abdur Rouf, DC, Gopalganj gave his opening speech.

Mr. Rezaul Karim and Ms. Rehana Akhter gave two presentations on ICZMP project and draft Coastal Development Strategy (CDS) respectively. After the presentations a tea break was given. After tea break the participants were invited to discuss on the draft CDS. The participants made their comments and recommendations on priority actions for CDS. Ms. Rehana Akhter and Mr. Rezaul Karim moderated the session. Md. Sayed Iftekhar, Research Officer, PDO-ICZMP and Mr. Akhtaruzzaman, Scientific Officer, WARPO took notes on comments and recommendations.

After open discussions the participants were asked to prioritize actions for the CDS, considering the local contexts. Each of all participants voted for five 'priority actions' among from 29 proposed actions, which were listed in flip charts.

Then the chair concluded the meeting by giving thanks to all. WARPO representative thanked the Deputy Commissioner for his kind supports, the facilitating NGO GUP for their help in organizing the meeting and all the participants.

## Summary of Meeting

District	Gopalganj		
Date of consultation	14 March 2005		
Venue	Circuit House		
Meeting started at	10:35		
Meeting concluded at	1:10		
Chief guest			
Chair/moderator	Mr. Abdur Rouf, Deputy Commissioner, Gopalganj		
WARPO/PDO team	Ms. Rehana Akhter, Mr. Rezaul Karim, Md. Sayed Iftekhar, Mr. Akhtaruzzaman		
<b>Summary of Participants</b>	Both sex	Female	Participating organizations
<b>Total</b>	31	7	
Government agency	11	1	District Administration, Roads & Highways Department, Directorate of Agriculture Extension, DPHE, BRDB, DoF, DoLS, Health Department, Department of Education
Local government	3	1	Gopalganj Pourashava, Union Parishad
NGOs/CBOs	10	5	Gono Unnayan Prochesta, Joy Rahman Welfare Foundation, Manihar Mohila Samity, Mohila Angan Sangstha
Civil society	2		Social worker, Mandir based Library, Hindu Welfare Religious Trust, Press Club
Mass media	4		Bangladesh Betar, Daily Observer, Daily Janakantha, NTV, Daily Dinkal
Private sector	1		Gopalganj Chamber of Commerce & Industry
Others			
Summary of comments and suggestions given by the participants	<ul style="list-style-type: none"> <li>• The <i>Dhap chash</i> (floating agriculture) can be practiced in waterlogged areas.</li> <li>• Income of local people can be largely increased through development of scientific agriculture system.</li> <li>• Flood control through river training and provision of cultivation technologies and</li> </ul>		

District	Gopalganj
	<p>equipments, jute and wheat seeds are important for agriculture development.</p> <ul style="list-style-type: none"> <li>• A coordinated program can be highlighted in the CDS to solve the drinking water problem of Gopalganj.</li> <li>• Golda shrimp cultivation has a potential here. But there is scarcity of Post Larvae of shrimp. During collection of shrimp fries from natural sources other fish fries are destroyed. So hatcheries should be established here.</li> <li>• Canals and water bodies can be excavated and managed for fish biodiversity conservation.</li> <li>• Fish sanctuaries in the <i>beel</i> areas can be established.</li> <li>• With increasing population size demand for health services is increasing. But the health service is inadequate and quality is poor. So the number of health centers should be increased.</li> <li>• The coverage of health service programs should also be increased.</li> <li>• For drinking water supply one pond in each union can be excavated and reserved for drinking water only.</li> <li>• Improvement in the sanitation and road communication is a must for the development of the coastal zone, but unfortunately these two issues are not adequately focused in the CDS.</li> <li>• Land zoning is very important for the effective utilization of land. Farming and fisheries are the main economic resources of this district.</li> <li>• Embankments need to be constructed for the protection of riverbank; it will reduce the rehabilitation cost.</li> <li>• The program on livestock development is appreciable. But the manpower of Dept. of Livestock Services is very limited. So recruitment of new manpower in the department is recommended.</li> <li>• Duck culture can be promoted in this region.</li> <li>• The women of the district have limited employment opportunities. Skill development training and loan in easy condition can be provided to them.</li> <li>• River and canal excavation programs can be taken up for fisheries resource development and fresh water supply.</li> <li>• Silted rivers need to be dredged. It will help conserving different fish species.</li> <li>• In the rural area the shortage of drinking water is acute.</li> <li>• Some important elements should be included in the CDS, which are natural disaster management, flood prevention and management, re-excavation and maintenance of canals and <i>beels</i>, preparedness for earthquake, construction and maintenance of adequate flood and cyclone shelter, development of coping mechanism against natural disasters, rain water harvesting.</li> <li>• Some other important elements are – fresh water supply, river and canal excavation, flood, communication system, and sanitation.</li> <li>• The most severe problem is crisis of drinking water. Local people know that arsenic contamination in tube well water is health hazardous, but still they have to drink it, because they have no other alternative. They are, in fact, helpless.</li> <li>• The issues of sanitation, flood shelter, canal and river re-excavation, drinking water supply, and employment opportunities for the women should be properly addressed in the CDS.</li> </ul>

## Comments and recommendations

### **Mr. Abdur Rouf, DC, Gopalganj:**

Gopalganj is a poverty stricken district. But it was rich and was famous for fisheries resources and business. The *Dhap chash* (floating agriculture) can be practiced in waterlogged areas. Income of the people Gopalganj can be largely increased through development of scientific agriculture system. Flood control through river training and provision of cultivation technologies and equipments, jute and wheat seeds are the pre-requisites for agriculture development.

### **Md. Abdul Monnaf, Executive Engineer, DPHE:**

The natural condition and environment of the Gopalganj district is influenced by tidal flow and salinity. So the region has acute shortage of drinking water. From the trend analysis of past hundred years it has been seen that the shallow zone of ground water is affected with salinity and the deep zone is contaminated with arsenic. So water of Modhumati River is supplied to the Pourashava dwellers, treated. But this is inadequate. A coordinated program can be mentioned in the CDS to solve the drinking water problem of the Gopalganj inhabitants.

### **Mr. Deepak Kumar Haldar, Biologist, Dept. of Fisheries:**

*Golda* shrimp cultivation has a potential here. But there is scarcity of Post Larvae of shrimp. During collections of shrimp fries from natural sources other fish fries are destroyed. So hatcheries should be established here. Canals and water bodies can be excavated and managed for fish biodiversity conservation. Fish sanctuaries in the *beel* areas can be established.

### **Dr. Md. Shahjahan, Civil Surgeon:**

Demand for health services is increasing with increasing population. But the health services are inadequate and quality is poor. So the number of health centers should be increased. The coverage of health service programs should also be increased. For drinking water supply one pond in each union can be excavated and reserved for drinking water only.

### **Khondokar Md. Nurul Islam, Regional Manager, Gono Unnayan Prochesta:**

Improvement in the sanitation and road communication is a must for the development of the coastal zone. But unfortunately these two issues are not adequately focused in the CDS.

### **Mr. Syed Mirajul Islam, Secretary General, Gopalganj Press Club:**

Land zoning is very important for the effective utilization of land. Farming and fisheries are the main economic resources of this district. Embankments need to be constructed for the protection of riverbank. It will reduce the rehabilitation cost for the river erosion victims.

### **Mr. Abul Kalam Azad, Dist. Livestock Officer:**

The program on livestock development is appreciable. But the manpower of Livestock Department is very limited. So recruitment of new manpower in the department is recommended. Duck culture can be promoted in this region.

### **Mr. Barun Kumar Saha, Program Manager, Joy Rahman Welfare Foundation:**

There is no cyclone shelter (government) in the district. So multi-purpose cyclone shelters are needed. The women have limited employment opportunities here. Women should be provided with skill development training, and loan under easy terms & conditions. River and canal excavation programs can be taken up for fisheries resource development and fresh water supply.

**Mr. Mojammel Hosain Munna, Correspondent, Daily Janakantha:**

Silted rivers need to be dredged. It will help conserving different fish species. In the rural area the shortage of drinking water is acute. Moreover, waterlogging is a big problem, always.

**Md. Abdul Monnaf, Executive Engineer, DPHE:**

There are some initiatives to supply piped water in rural areas. But they are inadequate. Some key elements need to be focused in CDS, which are: natural disaster management, flood prevention and management, re-excavation and maintenance of canals and *beels*, preparedness for earthquake, construction and maintenance of adequate flood and cyclone shelters, development of coping mechanism against natural disasters, rain water harvesting.

**Md. Humayan Kabir, Secretary, Gopalganj Zila Parishad:**

Single cropping practice, due to waterlogging and poor drainage in the rainy season, is one of the main reasons of poverty here. Modhumoti river flow needs to be should be increased to make non-saline water available. Some other issues are crisis of fresh water, river and canals are dried up, flood, poor communication system, poor sanitation that are to be addressed.

**Ms. Shamoli Roy, Additional District Education Officer:**

Flow of Modhumoti River should be increased at any cost to develop this area. Drainage system should be improved for agriculture development. Different variety of crops can be grown in the Char areas.

**Ms. Bibha Rani Bala , UP Member, Ward no. 1,2,3, Raghunathpur Union Parisad:**

During election campaign we promise that we will give everything to the voters. But when we are elected we see that we have very limited capacity to do anything for the poor people and we cannot do any development work for the local people. So, the people think that we are traitors, but we are not. The most severe problem of my constituency is crisis of drinking water. People know that arsenic contamination in groundwater/tube well is acute and drinking this water is risk, but they have to drink it because there is no alternative source of drinking water.. They are in fact helpless.

**Mr. Gias Uddin, Deputy Director, BRDB:**

In the *beel* areas the *dhap chash* (floating agriculture) can be promoted with BRDB and DAE support.

**Md. Foyjur Rahman, ADC:**

The issues and elements of sanitation, flood shelter, canal and river re-excavation, drinking water supply, and employment opportunities for the women should be properly mentioned in the CDS.

**Priority Actions**

Sl.No.	Items	Rating
<b>Safeguarding the availability of fresh water with regionalized water management</b>		
1	Water management and rural development in Greater Noakhali (GN) area	
2	Action to mitigate drainage problems in Khulna region	
3	Integrated management of coastal water infrastructure (Polders)	
4	The development of an effective system of groundwater management	3
5	Strengthening sanitation and safe water supply programs in arsenic & salinity affected areas	20
<b>Optimizing use of coastal lands</b>		
6	Accreted land development and settlement: development of a sustainable process	1
7	Land use zoning for efficient use & management of land resources	1
8	Development of coastal agriculture	10

SLNo.	Items	Rating
<b>Promoting economic growth emphasizing rural non-farm employment</b>		
9	Small and medium enterprise development on selected coastal trades	12
10	Development & employment generation through tourism	
<b>Sustainable and equitable management of natural resources</b>		
11	Promotion and extension of environmental and socially responsive shrimp farming	8
12	Introduction and expansion of solar, tidal & wind energy in the remote coastal areas	1
13	Marine and coastal fisheries development program	1
<b>Environmental conservation</b>		
14	Completing and maintaining sea dykes as first level of defense against sea level rise	
15	Strengthening of Coast Guard program for the improvement of peoples security and environmental conservation	2
<b>Improving livelihood conditions of people, specially women</b>		
16	Enhancement of livelihoods in chars and islands	1
17	Integrated development of remotely located island	1
18	Capacity building and skill development of female fish processors	11
19	Comprehensive rehabilitation program for erosion victims	1
20	Reduction of severe vulnerability through multi-purpose cyclone shelters - including coping mechanism	21
21	Veterinary services by private practitioners	2
<b>Empowering through knowledge management</b>		
22	Knowledge management and dissemination	5
23	Regional and other framework studies	
24	Capacity building and training	5
<b>Creating an enabling institutional environment</b>		
25	Operationalization of a Program Co-ordination Unit (PCU) at national level	
26	Operationalization of an institutional and co-ordination mechanism involving local government at district level for the purpose of implementation	4
27	Supporting initiatives of LGIs, NGOs and media in coastal management	7
28	Empowerment through training of women members of UPs and Pourashavas	12
29	Establishment of IT supported model Unions in sea facing upazilas	1

### List of Participants

Sl.	Name	Designation	Organization	Address	Phone/Fax/Email
1.	Khandoker Md. Nurul Islam (Showkat)	Regional Manager	Gono Unnayan Prochesta	Gono Unnayan Prochesta, Rajoir, Madaripur	06623-56110, 0171-823353
2.	Md. Foyjur Rahman	ADC, Gopalganj		Office of the Dty Commissioner of Gopalganj	55482 (O), 55313 (R)
3.	Md. Humayun Kabir	Secretary	Gopalganj Poursabha	Gopalganj Poursabha, Gopalganj	0668-55475, Fax: 55695
4.	Md. Abul Bashar	Social Worker		Gosherchar, P.O+dist: Gopalganj	55543
5.	Sk. Md. Kamrul Islam Rais	President	Chamber of Commerce, Gopalganj	Gopalganj Model School Road, Gopalganj	61240, 0178-553647
6.	Rupak Kr. Biswas	Member	Juba Kallayan Samity, Gono Unnayan Prochesta	P.O. Gopalganj, Janapa Road, Dist:Gopalganj	55202
7.	Bedara Akhter Irin	Chief Executive	Joy Rahman Welfare Foundation	Chief Executive, Joy Rahman Welfare Foundation, C & B Road, Gopalgnj	60201, /60203
8.	Apurba Aditya	Asst. Director	Mandir Based Library, Hindu Religious Welfare Trust	161, Janata Road, (3 <sup>rd</sup> Floor) Gopalganj	0668-61382
9.	Hafizur Rahman	Sub- Divisional Engineer	Road & Highways	Office of the Sub- Divisional Engineer (R&H), Gopalganj	55393
10.	Md. Delwar Hossain	Dist. Manager	Gono Unnayaun Prochesta	Gono Unnayaun Prochesta, Thanapara, Gopalganj	0668-55120
11.	Md. Chand Mian	Dty. Dirctor	Directorate of Agricultural Extension	Gopalganj	55328, fax:55328
12.	Md. Abdul Monnaf	Executive Engr.	DPHE	Gopalganj	55590 (O)

Sl.	Name	Designation	Organization	Address	Phone/Fax/Email
13.	Sandha Rani Das	Manager, Manilhar, Mohila Samity		Vill & PO: Manilhar, Urfi Union, Thana+Dist:Gopalganj	
14.	Gias Uddin	Dty. Director	BRDB	169, sabuj bag, Gopalganj	0668-55571
15.	Dipak Kumar Halder	Biologist	Dept. of Fisheries, Gopalganj	Dist. Fisheries Office, Gopalganj	0668-55454, Fax:Do
16.	Dr. Abul Kalam Azad	Dist. Livestock Officer	Dept. of Livestock Service	Dist. Livestock Office, Gopalganj	0668-55455, Fax:Do
17.	A.Z.M. Monowaruz-zaman Khan	Executive Engineer	Roads & Highways	Gopalganj Road Division, Gatapara, Gopalganj	055377, Fax:55377 <a href="mailto:eerhdgop@yahoo.com">eerhdgop@yahoo.com</a>
18.	Dr. Md. Shahjahan	Civil Sugeon	Health Department	Civil Sugeon Office, Gopalganj	0668-55333
19.	Abdus Sattar Khan	District Correspondent	Bangladesh Betar/ Observer	6, Chowrangee Road, Gopalganj	55795 (R), 61437 (O)
20.	Mozammel Hossain Munna	Correspondent	Daily Janakantha	M/s. Nobel Cloth Store, Sikder Chamber, Kapor Potty Road, Gopalganj	0668-61188, 0171-248314 Fax:61535, <a href="mailto:munnajk@btb.net.bd">munnajk@btb.net.bd</a>
21.	Bibha Rani Bala	UP Member, W ard no. 1,2,3	Raghunathpur Union Parisad	Vill.+PO+UP: Raghunathpur, Thana+Dist.: Gopalganj	
22.	Ramendra Nath Basu	Member, Ward no.1		Vill.+UP: Raghunathpur, Thana+Dist.: Gopalganj	
23.	Nasima Akhter Rubel	Executive Director	Mohila Angan Sangstha	Power House Road, Gopalganj	61150, 0172-850135
24.	Shamoli Roy	Adit. Dist. Education Officer		Dist. Education Office, Gopalganj	55495
25.	Barun Kumar Shaha	Program Manager	Joy Rahman welfare Foundation	390/1, C & B Sarak, Kuadanga, Gopalganj	0668-61201. 61203
26.	Syed Mirajul Islam	Secretary General	Press Club, Gopalganj	402 Bank Para, Tank Road, Gopalganj-8100	0668-55246, 0176-032737 Fax:55246
27.	Mahbub Hossain Sarbat	Dist. Correspondent	N.T.V. & Daily Dinkal	66 Thana Para, Upz.+Zila:Gopalganj	0668-61188, 55708 (R) Fax:61535
28.	Kamalesh Biswas	L.T.A.	Gono Unnayan Prochesta	Gono Unnayan Prochesta, Thana Para, Gopalganj	0668-55120
29.	Dipali Rani Bain	President	Khatra Nichu Para Mohila samity, GUP	Khatra Nichu Para Mohila samity, Gopalganj	
30.	Anita Sarker	President	Cristian Para Mohila Samity, Gono Unnayan Prochesta,	Sadhu Mathura Nath A.G. Charch, Gopalganj Cristian Para, Gopalganj	





FENI

16 March 2005



## Introduction

The meeting started at 10:00 with Mr. Mohammad Mustafa, DC Feni as the chairperson. Mr. Kazi Saidur Rahman (Scientific Officer, WARPO) welcomed all the participants and introduced the WARPO/PDO team and the facilitating NGO (Ghoroni).

The working session was comprised of two presentations. Dr. Aminul Haque (Scientific Officer, WARPO) presented a brief overview of ICZMP project (Objectives, outputs and current activities). Then Mr. Abu M Kamal Uddin (Senior National Expert, PDO-ICZMP) presented the draft outline of the Coastal Development Strategy (CDS).

The meeting was then opened for discussion. Mr. Abu M Kamal Uddin, Senior National Expert, PDO-ICZMP moderated the session.

Initiating the discussion, chair of the meeting informed all the participants that objective of the meeting is to accumulate suggestions to formulate a coastal development strategy. He requested the participants to freely make their comment and suggestion.

Prioritization of actions for Feni was followed by the open discussion. Each participant was requested to select five actions among from the proposed list of 29 actions.

Mr. Abu M. Kamaluddin then concluded the meeting by announcing the five most prioritized actions for Feni. He thanked all the participants for attending the meeting and sharing their experiences and suggestions. He thanked district administration and the facilitating NGO for the arrangements.

## Summary of Meeting

District	Feni		
<b>Date</b>	16 March, 2005		
<b>Venue</b>	Conference Room of Deputy Commissioner		
<b>Starting time</b>	10:00 am		
<b>Closing time</b>	13: 00 pm		
<b>Chief guest/ Chair</b>	Mr. Mohammad Mustafa, Deputy Commissioner, Feni		
<b>WARPO/PDO team</b>	Mr. Abu M. Kamal Uddin, Dr. Aminul Haque, Mr. Mohammad Showkat Osman, Mr. Kazi Saidur Rahman.		
<b>Summary of Participants</b>	<b>Both sex</b>	<b>Female</b>	<b>Participating Organizations</b>
<b>Total</b>			
Government Agency	17	5	District Administration, Department of Agriculture Extension (DAE), Bangladesh Rural Development Board (BRDB), Forest Department (FD), Department of Public Health Engineering (DPHE), Department of Livestock Services (DLS), District Information Office, Department of Social Services, District Women Sports Council, National Women Council, Department of Health
Local Government	2	1	Feni Pourashava
NGOs	7	0	GHARONI, BRAC, PROSHIKA, LIFD, TMSS, Proshantee Family Health Clinic
Civil Society	2	2	Meri Stopes Clinic, Feni Govt. Girls High School
Mass Media	1	0	Daily Prothom Alo
Private Sector			
Others/CBOs	4	0	South Gobindapur K.S.S., Uttar Valukia Samobay Samity, Sarasia Krisak Samobay Samity, Water Users Federation Mohori Irrigation
<b>Summary of comments and suggestions from the</b>	<ul style="list-style-type: none"> <li>• Women development should be given priority</li> <li>• Awareness program is needed to cope with natural disaster</li> </ul>		

District	Feni
participants	<ul style="list-style-type: none"> <li>• Livelihood of local people must get priority in implementing any project</li> <li>• Safety of sea going fishers must ensure.</li> <li>• Sustainability of project should be ensured</li> <li>• Participatory approach should followed in GO projects</li> <li>• Emphasis should be given on livestock</li> <li>• Strict action must be taken against “Mohajoni” system</li> <li>• Galda has more potential than Bagda</li> <li>• Safari park could be established involving local people to make afforestation sustainable.</li> <li>• Local trees should given priority over foreign species in afforestation program.</li> <li>• Security and facilities must be improved to attract more tourists.</li> <li>• Extensive campaign is needed to encourage private investment in tourism sector</li> <li>• Proper action must be taken to increase Hilsha production. Empowerment of local people and local level small industries should be encouraged.</li> <li>• Inter-agency co-ordination between govt. agencies should be established.</li> <li>• Coconut based small industries should encouraged in union level. Wage rate of women labour must be increased</li> <li>• Union Parisad member should be involved in afforestation program</li> <li>• Long term planning should be done for land reclamation.</li> <li>• Disaster management, health and education is not given enough attention in CDS.</li> <li>• Shrimp culture is like enemies to the coastal environment.</li> <li>• Swamp land of Feni could be used for vegetable production</li> <li>• Consultation session with the grass root level (people of char area) should be arranged</li> </ul>

#### Comments and Recommendations:

##### **Mohammed Kefayet Ullah (ADC):**

Women development should be given priority in any development strategy. Awareness needs to be increased about natural disaster as well as maintenance of cyclone shelters. Rehabilitation program must be taken for the people affected by implementation of any project. Local people should get the maximum benefit of projects. Security measures for the sea going fishers should be increased. Participatory approach should be taken in GO projects. Sustainability of project must be ensured. Alternate employment opportunity should be created for the shrimp fry collector to stop shrimp fry collection. Sheep rearing is much profitable than shrimp culture in Feni, Livestock department should come forward to promote sheep rearing.

##### **Shaikh Mofizul Islam (ADM,Feni):**

Our management system is very weak that's why we have no food shortage but people are suffering with “Monga”. The fishers in the coast could take 10% of their earning in home; rest goes in the pocket of “Mahajon”. Small farmers are also victim of “Mahajani” system, they use their agricultural land for shrimp culture but the benefit goes to the “Mahajon”.

##### **Mainuddin Ahmed (Secretary,Water Users Federation Mohori Irrigation):**

There are great potential of Galda culture in Feni rather than Bagda, people have to make aware of this fact. “Mahajons” are the beneficiary of Badga culture but poor farmers are suffering from it. Sheep and buffalo rearing, poultry (Duck) could be very profitable if training and improved livestock service ensured. Wool could be made from sheep hair and export to other countries. Forest department has taken afforestation program in the coastal embankments but there is no maintenance, local people could be involved in maintenance through participatory approach. They have also

distributed plants to different organization under afforestation program but never asked for any feedback. Powerful people are destroying the coastal green belt; a safari park could be established involving local people to make it sustainable. Local trees should given priority over foreign species in afforestation program. Security and facilities must be improved to attract more tourists.

**Sharf Uddin Ahmed Chowdhury (ACF, Forest Department):**

Participatory approach is a new concept that's why in the past this was not practiced. But now a day forest department is practicing participatory approach in their afforestation program. Establishment of Safari Park is a very good idea. Replying to a query from Abu M. Kamal Uddin (SNE, PDO-ICZMP) he informed that deer from Nijhum Dwip could be transferred to establish a Safari Park but Forest Department no such plan right now. However there are also some Acts, which may create difficulty. Defending the allegation raised by Mainuddin Ahmed (Secretary, Water Users Federation Mohori Irrigation) he informed the meeting that after distribution of coconut tree under afforestation program, took feedback from different organization. The organizations informed FD that due to lack of technical assistance they failed to fulfill the target.

**Md. Ismail Sarker (Deputy Director, BRDB):**

Extensive campaign is needed to encourage private investment in tourism sector. Security must be ensured in and around tourist spot, lifeguard must be deployed in the beach area. Local people should make more involved in the tourism related activities. Proper action must be taken to increase Hilsha production. Empowerment of local people and local level small industries should be encouraged.

**Md. Manirul Alam (Department of Agri. Extension):**

It seems to me that PDO is a NGO and CDS is somehow related to CDSP.

Mode of finance is very important in implementing any project. Type of intervention depends on availability of finance. In the preliminary stage, newly accreted land is not suitable for agriculture; emphasis should be given on afforestation and livestock. Project must be executed in integrated way and sustainability must be ensured. Drawbacks of the earlier char development project need to be studied.

In response to one of his comment Abu M. Kamal Uddin (SNE, PDO-ICZMP) informed the meeting that Policy and Strategy could never be formulated by any NGO. Program Development Office (PDO) for ICZMP is a inter-ministerial setup with Ministry of Water Resources as the lead ministry and Water Resources Planning Organization (WARPO) as lead agency.

**Abu Taher (Daily Prothom Alo):**

Proper enforcement of law and monitoring is required to make afforestation program sustainable. There is no inter-agency co-ordination between govt. agencies.

**Saima Yunus (First Class Magistrate):**

Very few people are benefited by shrimp culture in the area. Rural people of coastal zone are more vulnerable than urban people. Coconut based small industries should encouraged in union level. Wage rate of women labour must be increased; there should be proper health care facilities in the working place. Union Parishad member should be involved in afforestation program instead of any organization.

**Dr. Benoy Kr. Sarker (District Livestock Officer):**

Development of physical infrastructure for livestock services is required; manpower must be increased. Environmental friendly project should be given priority. Private sector should be encouraged to invest in livestock sector.

**Dr. Tabarok Ullah Chowdhury Bayzied (W.H & F.P.O., Feni sadar):**

Long term planning should be done for land reclamation. Disaster management, health and education is not given enough attention in CDS. Emphasis should be given on primary education. Improved education and health facilities must be ensured.

**Nasima Akter Lovely (Feni Govt. Girls High School):**

Shrimp culture is not environmental friendly; it's like enemies to the coastal environment. A handful of people are being benefited by shrimp culture while majority of local people are being affected adversely.

In response to her comment Abu M. Kamal Uddin (SNE, PDO-ICZMP) informed the meeting that shrimp culture is not termed as environmental friendly but suggested to make it environmental friendly.

Adding with that Mohammed Kefayet Ullah (ADC, Chandpur) informed the meeting that shrimp is highest earned export product now a day.

**Syed Abul Farah (LIFD):**

Swamp land of Feni could be used for vegetable production. Is crab fattening possible in Feni?

**Shanaz Jahan (Merry Stopes Clinic):**

People must be motivated before distribution of plants; then plants will be supplied to those who would like to participate in the program.

**Subrata Sarker (Proshantee Family Health Clinic):**

Consultation session with the grass root level (people of char area) should be arranged.

In response Abu M. Kamal Uddin (SNE, PDO-ICZMP) informed that CDS consultation session is also conducted (/will be conducted) in island level, like Kutubdia, Dhal char, Nijhum dwip, Char Kajol etc.

**Remarks from the Chairperson:**

“Thank you all for your active participation in the discussion. Government has taken development of Coastal Zone very seriously; this CDS meeting is a proof of that. One of the major problems in our development is that we understand everything but no one comes forward to take the responsibility. Representatives of the Local Government have to take this to the grass root level and provide feedback in order to made the CDS more dynamic. Thanks to WARPO/PDO for doing something for the underprivileged coastal people.”

**Priority Actions**

SN.No.	Items	Rating
<b>Safeguarding the availability of fresh water with regionalized water management</b>		
1	Water management and rural development in Greater Noakhali (GN) area	7
2	Action to mitigate drainage problems in Khulna region	3
3	Integrated management of coastal water infrastructure (Polders)	6
4	The development of an effective system of groundwater management	2
5	Strengthening sanitation and safe water supply programs in arsenic & salinity affected areas	8
<b>Optimizing use of coastal lands</b>		
6	Accreted land development and settlement: development of a sustainable process	9
7	Land use zoning for efficient use & management of land resources	2
8	Development of coastal agriculture	8
<b>Promoting economic growth emphasizing rural non-farm employment</b>		
9	Small and medium enterprise development on selected coastal trades	5

Sl.No.	Items	Rating
10	Development & employment generation through tourism	12
<b>Sustainable and equitable management of natural resources</b>		
11	Promotion and extension of environmental and socially responsive shrimp farming	2
12	Introduction and expansion of solar, tidal & wind energy in the remote coastal areas	3
13	Marine and coastal fisheries development program	7
<b>Environmental conservation</b>		
14	Completing and maintaining sea dykes as first level of defense against sea level rise	3
15	Strengthening of Coast Guard program for the improvement of peoples security and environmental conservation	2
<b>Improving livelihood conditions of people, specially women</b>		
16	Enhancement of livelihoods in chars and islands	9
17	Integrated development of remotely located island	2
18	Capacity building and skill development of female fish processors	9
19	Comprehensive rehabilitation program for erosion victims	8
20	Reduction of severe vulnerability through multi-purpose cyclone shelters - including coping mechanism	5
21	Veterinary services by private practitioners	2
<b>Empowering through knowledge management</b>		
22	Knowledge management and dissemination	3
23	Regional and other framework studies	1
24	Capacity building and training	8
<b>Creating an enabling institutional environment</b>		
25	Operationalization of a Program Co-ordination Unit (PCU) at national level	
26	Operationalization of an institutional and co-ordination mechanism involving local government at district level for the purpose of implementation	3
27	Supporting initiatives by LGIs, NGOs and media in coastal management	11
28	Empowerment through training of women members of UPs and Pourashavas	7
29	Establishment of IT supported model Unions in sea facing upazilas	3
30	Improvement of Communication Network	

### List of Participants

Sl.	Name	Designation	Organization	Address	Phone/Fax/Email
1.	Mohammed Kefayet Ullah	Additional Deputy Commissioner (General)	Office of the Deputy Commissioner	Office of the Deputy Commissioner, Feni	0331-74004 (O) 74007 (R)
2.	Shaikh Mofizul Islam	Additional District Magistrate	Office of the Deputy Commissioner	Office of the Deputy Commissioner, Feni	0331-74012 (O) 0331-74005 (R)
3.	Dr. Benoy Kr. Sarker	District Livestock Officer	Department of Livestock Services	Academy Road, Feni	74067 fax: 74067
4.	Subrata Sarker	Service Promotion Officer	Proshantee Family Health Clinic	Kadalshazi Road, Feni	0172087091
5.	Md. Omer Farooque	Regional Manager	Thongamara Mohila Sabuj Sanggha (TMSS)	367/1 Tarika Vila, Afzaler Rahman Sarak, Academy Road, Feni	0176-618431
6.	Md. Ismail Sarker	Deputy Director	BRDB	Feni	74723
7.	Sharf Uddin Ahmed Chowdhury	Asstt. Forest Conservator	Forest Department	Divisional Forest Officer's Office, Social Forest Division, Feni	
8.	Munshi Sirajul Islam	Vice President	South Gobindapur K.S.S.	Vill: Gobindapur, Po: Hazirbazar, Feni	0188238281 61644
9.	Mahbubul Haque Chowdhury	President	Uttar Valukia Samobay Samity	Vill: Uktar Valukia Po: Kalidah, Feni	
10.	Md. Lokman Hossain	General Secretary	Sarasia Krisak Samobay Samity	Vill: Sarasia, 8 No Dalia Union Po: Balua Chowmuhani, Feni	
11.	Md. Gias Uddin	Magistrate	Office of the Deputy Commissioner, Feni	DC Office, Feni	0172736956
12.	Shahanara Yasmin	Magistrate	Office of the Deputy	Office of the deputy	0176396313

Sl.	Name	Designation	Organization	Address	Phone/Fax/Email
	Lily		Commissioner, Feni	Commissioner, Feni	74821
13.	Ms. Kamrunnahar	Assitt. Commissioner & Magistrate	Office of the Deputy Commissioner	Office of the Deputy Commissioner, Feni	0175024832
14.	Saima Yunus	Magistrate, 1st Class	Office of the Deputy Commissioner	Office of the Deputy Commissioner, Feni	0171405364 0331-74898 (O), 74705 (R)
15.	Abu Taher	Feni District Representative	Daily Prothom Alo	Prothomo Alo, Feni Office, Trunkroad, Suntan Manson, Feni	0331-63255 (O), 74583 (R) 0171181377
16.	Syed Abul Farah	Center Coordinator	Local Initiative for Development-LIFD	LIFD Afia Manjil, Academy Road, Feni	0172137153, 0171971686, 0171167443
17.	Md. Haranor Rashid Khan	Junior Accountant	Proshika Human Development Centre, Feni Sadar ADC	Proshika Feni Sadar Unnoyan Area Development Chowdhury Bari Trank Road, Feni	0176504929
18.	Muhd. Anower Pasha	District Coordinator	Jatio Mohila Songhstha	Court Masjid Road, Feni	0331-63477
19.	Jaynob Banu	General Secretary	Feni Jela Mohila Krira Songstha, Feni	Rampur Master Bari, Feni	63299
20.	Nasima Akter Lovely	Assitt. Teacher	Feni Govt. Girls High School	61/1, Godown Quarter, Feni	74091
21.	Md. Abdul Halim Khan	Regional Manager	BRAC	Bitthika Bhaban 375, Purba Ukilpara, Feni	0172110588
22.	Md. Manirul Alam	Horticulture Specialist	Department of Agril. Extension	Dept. of Agril, Extension Godown Quarter, Feni	0331-73479
23.	Ear Ahmed Sarker	Assitt. Engineer	DPHE, Feni	Academy Road, Feni	74034
24.	Md. Shahjahan Mozumder	Secretary	Feni Pourashava, Feni	Feni Pourashava, Feni	0331-74737(O), 73751 (R) 0189985729
25.	Mainuddin Ahmed	Secretary	Water Users Federation Mohori Irrigation	Shamsuddin Towels Ltd. Kadal Gazi Road Feni	7185, 62831, 0171342083 <a href="mailto:main_51@hotmail.com">main_51@hotmail.com</a>
26.	Dr. Tabarok Ullah Chowdhury	W.H & F.P.O (Feni sadar)		W.H & F.P.O Office, Trunk Road, Feni	0331-74817
27.	Selina Chowdhury	Commissioner	Feni Pourashava	Feni Pourashava, Mizanpara	61422, 73757 0171322045
28.	Shanaz Jahan	Clinic Manager	Merry Stope Clinic	SSK Road, Panch Gachhia, Feni	73380 0717796282
29.	Md. Mominul Haque	Information Officer	District Information Office, Feni	District Commissioner's Office, Feni	73470 0171176110
30.	Md. Tofazzal Hossain	Deputy Director	Department of Social Services	District Social Service Office, Faladia Road, Feni	76862
31.	Begum Halima Khatun	Former Parliament Member	Jatio Mohila Songhstha, Feni	291 West Ukilpara, Feni	47570
32.	Md. Faridul Islam	Program Organizer (Technical)	GHARONI	Temuhony bazar, Panchgachia, Feni	
33.	Subhassish Chakma	Area Manager	GHARONI SLDP-2	Tamohoni Bazar, Feni	0176362806





JESSORE

17 March 2005



## Introduction

The meeting started with Mr. Omar Faruque, ADC (General), Jessore in the Chair. Mr. Abdul Wazed, Deputy Commissioner, Jessore was present in the meeting as Chief Guest. Ms. Rehana Akhter, Biodiversity Conservation and Environmental Expert, PDO-ICZMP and Mr. Rezaul Karim, Senior Scientific Officer, WARPO were present as special guests. Md. Sayed Iftekhar, Research Officer, PDO-ICZMP welcomed the guests and participants. Then chief guest delivered his speech the opened the meeting.

There were two presentations made by Mr. Rezaul Karim and Ms. Rehana Akhter on ICZMP project and draft Coastal Development Strategy. After the presentations a tea break was given. After tea break the participants reassembled in the meeting and took part in open discussions on CDS. The participants made their comments on ICZMP and draft CDS and then made recommendations on priority actions for CDS. The Chair moderated the discussions. Ms. Rehana Akhter and Mr. Rezaul Karim gave clarifications. Md. Sayed Iftekhar, Research Officer, PDO-ICZMP and Mr. Akhtaruzzaman, Scientific Officer, WARPO took notes. After open discussions, the participants prioritized the actions for CDS through marking their opinion on the items written in the flip charts. Each participant could mark for five items.

The chair of the meeting concluded the meeting offering thanks to PDO-ICZMP/WARPO and the participants. Then all the guests and participants were invited to join lunch.

## Summary of Meeting

District	Jessore		
<b>Date of consultation</b>	17 March 2005		
<b>Venue</b>	Conference Room of Deputy Commissioner		
<b>Meeting started at</b>	10:15 am		
<b>Meeting concluded at</b>	1:25 pm		
<b>Chief guest</b>	Mr. Abdul Wazed, Deputy Commissioner, Jessore		
<b>Chair/moderator</b>	Mr. Omar Faruque, ADC (General), Jessore		
<b>WARPO/PDO team</b>	Ms. Rehana Akhter, Mr. Rezaul Karim, Md. Sayed Iftekhar, Mr. Akhtaruzzaman		
<b>Summary of Participants</b>	Both sex	Female	Participating organizations
<b>Total</b>	61	17	
Government agency	17	2	District Administration, LGED, Roads & Highways Department, DoL, DoF, Directorate of Information, DAE, BRDB, DWA, DPHE, FD, Directorate of Health
Local government	6	3	Jessore Pourashava, Union Parishad
NGOs/CBOs	16	8	Baliadanga Mohila Bittohin Samabay Samity, Dutipur Landless Samabay Samity, Agrani Mohila Unnayan Sangstha, National Fishermen Society, CHESTA, Addin Welfare Centre, Khulna – Jessore Water Management Federation, RRF, WMA, Jagoroni Chakra Foundation, Jhum Jhumpur Purbo Para Bittohin Samity, Mathurapur Krishok Samabay Samity, Shakti Mohila Kalayan Sangstha, Shupravati, Aparajita, Jessore Polli Bidyut Samity
Civil society	5	2	Jessore Zila School, Govt. Girls High School, Islami Shasantatra
Mass media	13	1	Daily Dinkal, Daily Loksamaj, Daily Inqilab, Daily Runner, Daily Purabi, Daily Kallayan, Jessore News Paper, BTV, Press Club, Daily Gramer Kagoj, ATN Bangla
Private sector	3	1	Jessore Chamber of Commerce and Industry, Bagharpara UCCA Pvt. Ltd.
Others	1		Pubali Bank
<b>Summary of comments</b>	<ul style="list-style-type: none"> <li>The Bhairab River can be a good tourism spot if properly developed.</li> </ul>		

District	Jessore
and suggestions given by the participants	<ul style="list-style-type: none"> <li>• The development in the coastal zone has never been effective. The activities and programs of the concerned departments, sometimes, become detrimental to the sector itself.</li> <li>• Lessons from the failure of the present development practices should be adhered during implementation of the Coastal Development Strategy.</li> <li>• Before planning any development strategy root level consultation is needed.</li> <li>• Due to unplanned extraction the groundwater level is lowering at an alarming rate. According to one study it has been found that in every hour 2 cu.sec. groundwater is extracted. The deep tube-wells are installed at 2000-2500 feet distance, which is too dense than the optimal limit. Any one who has money can install a pump to collect groundwater. With this rate of extraction there is huge risk of salinity contamination in the groundwater. A well-planned water resource management system is needed for the Jessore district.</li> <li>• Keshabpur, Manirampur Upazila has the characteristics of coastal environment. Special plan can be chalked out for those areas.</li> <li>• The water system of the greater Jessore area is influenced by – construction of shrimp enclosures unplanned and water extraction from the rivers at huge rate for irrigation and other purposes. Unplanned fish ‘Gher’ create siltation, salinization etc. Moreover, the rivers are now captured for human habitation.</li> <li>• Mass scale plantation is important in coastal areas. Forestation along with construction and maintenance of embankments should be done.</li> <li>• On a priority basis agricultural zoning and crop suitability analysis should be done for agriculture development.</li> <li>• Development of proper drainage system of Jessore district can be included in CDS.</li> <li>• Both male and female members of the Union Parishad should be given training on environment.</li> <li>• The KJDRP has many positive impacts in solving drainage and water logging problem. Instead of constricting the rivers in the Tidal River Management approach rivers are kept open. Thus people now can live and grow crops in those areas; previously these areas were under water.</li> <li>• The plantation and conservation of forest issues should be mentioned in the priority programs of CDS.</li> <li>• Environmental conservation through forest management should be clearly spelled out in the CDS.</li> <li>• Brickfields have a damaging impact on the environment. Actions related this issue should be taken up.</li> <li>• A separate chapter on rural development should be developed in the CDS.</li> <li>• Bhairab river management, irrigation water supply, deep tube-well management, arsenic contamination prevention, groundwater management, and surface water utilization to be included in CDS for actions.</li> <li>• The experience of the on-going activity on rainwater harvesting in 20 Upazilas can be consulted.</li> <li>• The female members of the local government have very limited recognition. They have many constraints in their working environment. In fact they are not actually empowered. The plan to train the female members of the local government is appreciable.</li> <li>• Social forestry/community forestry can play a vital role in environmental conservation and poverty reduction simultaneously. The local people are directly benefited from these programs.</li> <li>• The drainage problem of Jessore town should be solved.</li> <li>• Most of the time the plans are made out of the blue. The planners never come to the field and do not realize the real problems. The local people become the worst</li> </ul>

District	Jessore
	<p>victims. For the development of the CDS direct stakeholder consultation is needed. Massive canal excavation programs should be taken along with river dredging program.</p> <ul style="list-style-type: none"> <li>• Jessore district has enormous potential in agricultural development. The vegetables grown here are transported to other districts. But proper storage facilities are not there. If storage infrastructures can be developed then potential of vegetable cultivation can be fully harnessed.</li> <li>• Homestead gardening, agro-forestry, riverbank and roadside forestry are some alternative options for agriculture development.</li> <li>• The number of consultations at Upazila levels could be increased to capture the diversity and variations among the coastal people and problems.</li> <li>• The children education programs should be emphasized in the strategy. The poor and impoverished children are engaged with many hazardous and risky jobs. Special programs can be taken up for them.</li> <li>• The coastal zone is influenced by the marine environment and vulnerabilities situated in the Bengal basin. It is well understood and appreciated that a separate policy for coastal zone is already there and the strategy is getting formulated.</li> <li>• Coordination is pre-requirement for the optimal use of limited resources.</li> </ul>

### Comments and recommendations

#### **Mr. Ekram-Ud-Doula, Editor, Daily Kallayan and President, Jessore News Paper Association:**

Powerful persons and local elites illegally capture the Bhairab River. The river can be a good tourism spot if properly developed. The issue of tree plantation should be mentioned in the CDS.

#### **Mr. Fakir Showkot, President, Press Club:**

The coastal people have a long history of struggle and survival. They have fought the *Mog*, *Firingi* as well as natural disasters like cyclone, flood. Development of coastal area by developing coastal development strategy is an appreciable initiative. But, the coastal people shall be in grave danger of environmental disasters due to the River Linking Project of India.

The development in the coastal zone has never been smooth and effective. The activities and programs of the concerned departments sometimes become detrimental to the sector itself. For example, for water management BWDB has constructed embankments, but these have squeezed the water flow. The ultimate result is that the flow has totally stopped and the rivers have been silted. So during implementation of the Coastal Development Strategy lessons from the failures of the present development practices should be adhered. Sometimes plans are very good and conducive to the people but during implementation the plans are not followed, as designed, due to personal interests. So, efficient institutional arrangements are very important.

#### **Mr. Aminur Rahman Mamun, News Editor, The Daily Gramer Kagoj:**

Jessore district is facing environmental degradation due to dying of the rivers. The flow of *Kapotakhho* River has been severely reduced. In the dry season some areas of the river get dried up totally. Moreover, the river flow has been squeezed and the river itself has almost died for construction of bridge over it. Thus it is seen that development interventions, in some cases, generate irrational happenings and destructions. Hence, before designing any development strategy consultations root levels are important.

**Mr. Mijanur Rahman Tota, Bureau chief, Inqilab:**

Due to unplanned extraction the groundwater level is lowering at an alarming rate. According to one study it has been found that in every hour 2 cusec. groundwater is extracted. The deep tube-wells are installed at 2000-2500 feet distance which too dense than the optimal limit. Any one who has money can use a pump to collect groundwater. With this rate of extraction there is huge risk of salinity contamination in the groundwater. A well-planned water resource management system is needed for the Jessore district.

**Mr. Mohiuddin Ahmed, Editor & Publisher, Daily Purobi:**

Why Jessore district has been included in coastal zone? Bharib River is dead. Bhagda has died because of unplanned sluice gates. Do you have any plan for Bhagda, Kapatakha river management?

**Md. Omar Faruque, ADC General, Jessore:**

Keshabpur and Manirampur upazila has the characteristics of coastal environment. Special plan can be taken for these two Upazilas.

The water system of the greater Jessore is influenced by construction of shrimp enclosures in unplanned ways and water extraction from the rivers at huge rate for irrigation and other purposes. Unplanned fish 'Gher' create siltation, salinization etc. Moreover, the rivers are now captured for human habitation.

**Mr. Shibapada Mondal, Sr. Information Officer, Dist. Information Office:**

The rivers are silted up and causing environmental problems.

**Md. Sirajul Islam, Chairman, Ababpur Union Parishad:**

Huge plantation should be done in coastal areas. Forestation along with construction and maintenance of embankments should be compulsory. On a priority basis agricultural zoning and crop suitability analysis should be done for agriculture development. Development of proper drainage system of Jessore district can be included in CDS. Both male and female members of the Union Parishad should be given training on environment.

**Mr. Abdul Maleque Biswas, President, WMA, KJDRP:**

The KJDRP project has many positive impacts in solving drainage and water logging problem. Instead of constricting the rivers in the Tidal River Management approach rivers are kept open. Thus people now can live and grow crops in those areas, which were previously under water.

**Ms. Anowara Begum, Mohila Member (Ward no. 1,2,3), Lebutola Union Parishad:**

Water logging is a big problem in some areas. In every alternate year crops are damaged due to water logging.

**Md. Delwar Hossain, Divisional Forest Officer, Forest Department:**

The plantation and conservation of forest issues have not been mentioned in the priority programs of the CDS. This is quite surprising!!! Environmental conservation through forest management should be clearly spelled out in the CDS.

Brickfields have a damaging impact on the environment. Actions should be formulated regarding this.

**Ms. Mita Paul, Manager, U.C.C.A. Ltd. Jhikargacha:**

Does the CDS include anything on arsenic contamination & mitigation? If it is not then it should be included.

**Mr. M. Amzad Hossain Biswas, Programme Co-ordinator, Jagoroni Chakra Foundation:**

A separate chapter on rural development should be developed in the CDS.

**Md. Abul Hossain Sub-Divisional Engineer, DPHE:**

Bhairab river management, irrigation, drinking water supply, deep tube-well management, arsenic contamination prevention, groundwater management, surface water utilization should be included in the CDS. The experience of the on-going activity on rainwater harvesting in 20 upazilas can be consulted.

**Ms. Jarina Begum, Mohila Commissioner (Ward no. 4,5,6), Jessore Paurashova:**

The female members of the local government have very limited recognition. They have many constraints in their working environment. In fact they are not actually empowered. The plan to train the female members of the local government is appreciable.

**Dr. Akter Jahan Jharna, Director, Aparajita (Women & Children Development Organization):**

Social forestry/community forestry can play a vital role in environmental conservation and poverty reduction simultaneously. The local people, took part in these types of programs, participants are hugely benefited.

**Ms. Hamida Begum, Assistant Teacher, Jessore Govt. Girls High School:**

What is the plan for Jessore drinking water supply in CDS?

**Mr. Chowdhury Hedaytul Islam, Commissioner (Ward no. 9), Jessore Pourashabha:**

The drainage problem of Jessore town should be solved.

**Ms. Kahinoor Nahar, Joint Secretary, Khulna-Jessore Water Management Federation:**

Most of the time the plans are made out of the blue. The planners never come to the field and do not realize the real problems. The local people become the worst victims. For the development of the CDS direct stakeholder consultation is needed. Massive canal excavation programs should be taken along with river dredging program.

**Mr. Mahidul Islam Mantu, Correspondent, BTV:**

Jessore district has enormous potentials in agricultural development. The vegetables grown here are transported to other districts. Proper storage facilities are not there in Jessore. If storage infrastructures can be developed then potential of vegetable cultivation can be fully harnessed. Homestead gardening, agro-forestry, riverbank and roadside forestry are some other options for agriculture development.

**Md. Abdur Rashid, Chairman, Baghar Para U.C.C.A. Ltd.:**

Coordination is the factor of development. The problem of water management cannot be solved single handedly. The draft document on CDS could be distributed earlier while sending the invitation letter.

**Mr. Shibapada Mondal, Sr. Information Officer, Dist. Information Office:**

The number of consultations at Upazila levels could be increased to capture the diversity and variations among the coastal people and problems.

**Mr. Aminur Rahman Mamun, News Editor, The Daily Gramer Kagoj:**

The children education programs should be emphasized in the strategy. The poor and impoverished children are engaged with many laborious risky jobs. Special programs can be taken for them.

**Md. Omar Faruque, ADC (Gen.):**

The coastal zone is influenced by the marine environment and vulnerabilities situated in the Bengal basin. It is well understood and appreciated that a separate policy for coastal zone is already there and a strategy is getting formulated. Coordination is pre-requirement for the optimal use of limited resources.

**Priority Actions**

Sl.No.	Items	Rating
<b>Safeguarding the availability of fresh water with regionalized water management</b>		
1	Water management and rural development in Greater Noakhali (GN) area	
2	Action to mitigate drainage problems in Khulna region	22
3	Integrated management of coastal water infrastructure (Polders)	3
4	The development of an effective system of groundwater management	16
5	Strengthening sanitation and safe water supply programs in arsenic & salinity affected areas	17
<b>Optimizing use of coastal lands</b>		
6	Accreted land development and settlement: development of a sustainable process	3
7	Land use zoning for efficient use & management of land resources	3
8	Development of coastal agriculture	13
<b>Promoting economic growth emphasizing rural non-farm employment</b>		
9	Small and medium enterprise development on selected coastal trades	5
10	Development & employment generation through tourism	14
<b>Sustainable and equitable management of natural resources</b>		
11	Promotion and extension of environmental and socially responsive shrimp farming	6
12	Introduction and expansion of solar, tidal & wind energy in the remote coastal areas	5
13	Marine and coastal fisheries development program	2
<b>Environmental conservation</b>		
14	Completing and maintaining sea dykes as first level of defense against sea level rise	3
15	Strengthening of Coast Guard program for the improvement of peoples security and environmental conservation	1
<b>Improving livelihood conditions of people, specially women</b>		
16	Enhancement of livelihoods in chars and islands	6
17	Integrated development of remotely located island	2
18	Capacity building and skill development of female fish processors	14
19	Comprehensive rehabilitation program for erosion victims	3
20	Reduction of severe vulnerability through multi-purpose cyclone shelters - including coping mechanism	6
21	Veterinary services by private practitioners	
<b>Empowering through knowledge management</b>		
22	Knowledge management and dissemination	9
23	Regional and other framework studies	
24	Capacity building and training	8
<b>Creating an enabling institutional environment</b>		
25	Operationalization of a Program Co-ordination Unit (PCU) at national level	3
26	Operationalization of an institutional and co-ordination mechanism involving local government at district level for the purpose of implementation	7
27	Supporting initiatives by LGIs, NGOs and media in coastal management	6
28	Empowerment through training of women members of UPs and Pourashavas	7
29	Establishment of IT supported model Unions in sea facing upazilas	5

## List of Participants

Sl.	Name	Designation	Organization	Address	Phone/Fax/Email
1.	Anwar Kabir Nantu	Beauro Chief	Daily Dinkal	Press Club, Jessore	74090/ 0171-182024
2.	Delowar Hossain Khokon	Acting Editor	Daily Loksamaj, Jessore	H.M.M Road, Jessore	0421-65021 Fax:0421-65217
3.	Sk. Nowsher Ali	Principal Officer	Pubali Bank Ltd.	Pubali Bank Ltd., Eden Market 1 <sup>st</sup> floor, M.K. Road, Jessore	65272/ 73940
4.	Md. Abul Kalam Azad	Executive Engineer	LGED	LGED, Palbari Moor, Jessore	0421-72925, Fax:72650 <a href="mailto:jsr_lqed@banqla.net">jsr_lqed@banqla.net</a>
5.	Begum Ferdousi	Manager	Baliadanga Mohila Bittohin Samobay Samity Ltd.	Baliadanga, Jhum jhum Pur, Jessore	
6.	Md. Zikrul Hassan	Subdivisional Engr. (RHD)	Roads & Highways Dept.	Road sub-division-2, Jessore	0421-65534 (O) 0421-74094 (R)
7.	Meghomala Adhikari	Asst. Teacher	Jessore Zila School, Jessore	Jessore Zila School, Jessore	3102
8.	Mizanur Rahman Tota	Bureau Chief	Daily Inqilab	73, Jail Road, Jessore	63131/ 64141, Fax: 421-63999 <a href="mailto:inqilabi@btb.net.bd">inqilabi@btb.net.bd</a>
9.	Jarina Begum	Mohila Commissioner,	Ward no.4,5,6 Jessore Paurashova	Puratan Koshba, Jessore	
10.	Mr. Narayan Chandra Biswas	Asst. Head Master	Jessore Zila School	Jessore Zila School, Jessore	63102 (School)
11.	Mohd. Khorshed Alam Khan	Asst. Commissioner	Jessore Collectorate, Jessore	Office of the Deputy Commissioner, Jessore	0421-65049 / 0171-123157 Fax:0421-73000 <a href="mailto:Khurshed12@hotmail.com">Khurshed12@hotmail.com</a>
12.	Ahsan Kabir	News Editor	Daily Runner	Peary Mohan Road, Bejpara, Jessore	72864, Fax:66943 <a href="mailto:dailyrunner@yahoo.com">dailyrunner@yahoo.com</a>
13.	Mallika Khatun	Asst. Commissioner	Office of the Deputy Commissioner, Jessore	Office of the Deputy Commissioner, Jessore	66719
14.	Mohiuddin Ahmed	Editor & Publisher	The Daily Purobi	Bidhu Bhushon Road, Jessore	0421-65885, 64042, 66021] fax: 66021
15.	Md. Abdul Motleb Biswas	Chairman	3 no. Isali Union Parishad	Vill: Panch Baria, P.O.Hasim Pur, Sadar, Jessore	0171-337509 0171-122728
16.	Md. Ajar Ali	Manager	Dutipur Landless Samabay Samity	Dutipur Landless Samabay Samity	
17.	Anupama Mitra	Director	Agrani Mohila Unnayan Sangstha	226, Nilganj Tati Para, Jessore	74036 0171-207807
18.	Md. Ali Amzad	District Livestock Officer	Livestock Department	Office of the District Livestock, Jessore	0421-73682
19.	Gazi Arman Hossain Kashem	Gen. Secretary	National Fisherman Society	Peari Mohan Road, Jessore	0421-73377
20.	Ataur Rahman	Execcutive Director	CHESTA	Kotchandpur, Jhenidha	0171-847707
21.	Md. Liaqat Ali	Asst. Teacher	Govt. Girls School, Jessore	Govt. Girls School, Jessore	65786
22.	Md. Shahidul Islam Milon	President	Jessore Chamber of Commerce and Industries	Netaji Sbbhash Chandra Road, Jessore	66019 0171-280425
23.	Md. Abu Bakar Siddique	District Fisheries Officer	Dept. of Fisheries	Dist. Fisheries Office, Arobpur, Jessore	65752
24.	Shaiful Islam sazal	Reporter	Daily Loksamaj	134, Babughat, Jessore-7400	0421-65021, 0189-115611 0178-180718, Fax: 65217 <a href="mailto:sazalvaj@yahoo.com">sazalvaj@yahoo.com</a>
25.	A.B.M. Mir Mashiur Alam	ADC (Rev.)	District Administration	Office of the Deputy Commissioner, Jessore	73672 (R), 73244 (O)
26.	Md. Fazlul Karim	ADC (E. & Dev.)	District Administration	Office of the Deputy Commissioner, Jessore	0421-73671 (O), 66774 (R) Fax:73000
27.	Md. Abdul Wazed	Deputy Commissioner		Office of the Deputy Commissioner, Jessore	73022 (O)/ 73011 (R) Fax: 73000
28.	Md. Omar Faruque	ADC (Gen.)	District Administration	Office of the Deputy Commissioner, Jessore	0421-73435, / 63564 Fax:73000
29.	Qari Md. Rafikul Islam	Muazzin	Islami Shashantantra, Jessore	Collectorate Masjid Complex, Jessore	0171-816749
30.	Ekram-Ud-Doula	Editor, Daily Kallayan	Prsident, Jessore News Paper Association	M.M. Ali Road, Jessore	0421-64388, Fax: 64388
31.	Fakir Showkot	President, Press Club, Jessore	BSS	Press Club, Mujib Sarak, Jessore	74090/ 63336, 0172-263758
32.	Aminur Rahman	News Editor	The Daily Gramer Kagoj	15, M.M. Ali Road, Jessore	72934, 0171-182021

Sl.	Name	Designation	Organization	Address	Phone/Fax/Email
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33.	Chowdhury Hedaytul Islam	Commissioner, Ward no. 9	Jessore Pourasabha, Jessore	Chowdhury Fish Hatchary, Khulna Road, Jessore	72543
34.	Md. Shahidul Islam	Asst. Co-ordinator	Addin Welfare Center	15, Rail Road, Jessore	72679, 72003 fax: 72679
35.	Kahinoor Nahar	Joint Secretary	Khulna-Jessore Water Management Fedaration	Khulna Jessore Drainage Rehabilitation Project (KJDRP), Jessore	0172-738828
36.	Nargis Anisa Sultana	Trainer	Rural Reconstruction Foundation (RRF)	C & B Road, Karbala, Jessore	73906, / 65663
37.	Mahidul Islam Mantu	Correspondent, BTV, Jessore	BTV	Ghop, Nawapara Road, Jessore	0421-64542 0171-131297
38.	Shibapada Mondal	Sr. Information Officer	Dist. Information Office	Jessore Collectorate, Jessore	63647 (O), 62255 (R)
39.	Abdul Maleque Biswas	President	W.M.A.	Zone-E K.J.D.R.P., Jessore	0171-737340
40.	M. Amzad Hossain Biswas	Programme Co-ordinator	Jagoroni Chakra Foundation	46, Mujib Sarak, Jessore	0421-72218, / 0171-170243 Fax:72243, <a href="mailto:icjs@bdonline.com">icjs@bdonline.com</a>
41.	Mos. Selina Begum	President	Jhum Jhumpur Purbo Para Bittahin Samity, BRDB	Vill & P.O.: Jhum Jhum Pur, Union: Fatepur, Thana: Kotoali, Jessore	
42.	Md. Sirajul Islam	Chairman	AbabPur Union Parishad	Vill: Balia Vektia, P.O.:Vektia Thana: Kotoali, Jessore	61749, / 63182 0172-073799
43.	G.M. Abdul Hakim	Crop Production Specialist	Dept. of Agriculture Extension	Rail Road, Jessore	72860, / 62884 Fax:0421-72860
44.	Ali Ashraf	Deputy Director	BRDB	Jessore	65818
45.	Begum Shamsun Nahar Imam	District Women Affairs Officer	Directorate of Women Affairs, Jessore	Ghop, Central Road, Jessore	65409
46.	Mohammad Hakim	Journalist	Member, Press Club Jessore	Puratan Koshba, Bidhubhusan Sarak (Bilanae), Jessore	74090
47.	M.A. Manik	Photo Journalist	Gramer Kagoj		0176-341712
48.	Md. Abdur Rashid	Chairman	Baghar Para U.C.C.A.Ltd., Jessore	Vill:Karai Tola, Upazila: Baghar Para, Jessore	0171-368557
49.	Md. Roushan Ali Moral	Manager	Mathurapur Krishak Samabay Samity Ltd.	Vill: Mathurapur, Sridharpur, Avoy Nagar, Jessore	04222-324
50.	Md. Abul Hossain	Sub- Divisional Enginner	DPHE	DPHE Office, Babu Das Lane, Jessore	63304
51.	Md. Delwar Hossain	Divisional Forest Officer	Directorate of Forest	Social Forestry Division, Jhum Jhum Pur, Jessore	0421-63423 <a href="mailto:rafi1993@bttb.net.bd">rafi1993@bttb.net.bd</a>
52.	Salma Khatun	Secretary	Shakti Mohila Kallayan Sangstha	P.O.-Office Para, Jessore-7400	0176-284755
53.	Nargis Yasmin	Director	Shupravati (Women & Children Dev. Organization)	Vill:-Murali-Jora Mandir, P.O.-Rajar Hat, Jessore-7400	0421-73757 0171-160073
54.	Dr. Akter Jahan Jharna	Director	Aparajita (Women & Children Dev. Organization)	46, Mujib Sarak, Jessore-7400	65138 0171-143893
55.	Hamida Begum	Asst. Teacher	Jessore Govt. Girls High School, Jessore	Munshi Meherullah Sarak, Jessore	65786
56.	Md. Kamal Pasha	Asst. Gen. Manager	Jessore Palli Bidyut Samity-1	Jessore Palli Bidyut Samity-1, Topshidana, Jessore	0421-73023
57.	Dr.Md.Mosharraf Hossain	Medical Officer & In-charge Civil Surgeon		Office of the Civil Surgeon, Jessore	71125, / 65685
58.	Mita Paul	Manager	U.C.C..A. Ltd.	Vill:-Mishrideyara, PO:-Amrita Bazar, Thana:-Jhikargacha, Jessore	
59.	Mos. Sagarika Khatun	Mohila Member, Ward no. 7,8,9	15 no. Basundia Union Parishad	Vill: Ghuni, PO-Ghuni, Union: 15 no. Basundia, Thana:-Kotoali, Jessore	
60.	Mosa. Anowara Begum	Mohila Member, Ward no. 1,2,3	2 no. Lebutola Union Parishad	Vill: Agrail, P.O.:-Lebutala, Thana:-Kotoali, Dist. Jessore	
61.	Shahanara Begum	Staff Reporter	ATN Bangla	212, Babul Manjil, Circuit House Para, Jessore	72073





BARISAL

20 March 2005



## Introduction

The district level consultation meeting on CDS in Barisal was held 20 March 2005. Dr. Md. Abdul Malek, Civil Surgeon of Barisal chaired the meeting. Mr. Abdul Monaf Patoari, Deputy Commissioner, Barisal was present as Chief Guest. Dr. M. Rafiqul Islam, Team Leader, PDO-ICZMP, Mr. Abu M Kamal Uddin, Senior National Expert, PDO-ICZMP and Dr. Aminul Hoque, Scientific Officer, WARPO were present as special guests. Ms. Rahima Sultana Kajol, Director of facilitating NGO AVAS welcomed the guests and the participants. Then the chief guest delivered his speech and opened the meeting.

The chair then requested the PDO-ICZMP/WARPO Team members to make their presentations. Dr. Aminul of WARPO made a presentation on ICZMP project and Dr. M. Rafiqul Islam of PDO-ICZMP made a presentation on the draft Coastal Development Strategy (CDS). Both of them used multi media power point to make the presentations attractive to the audience. After the presentations a tea break was given.

After tea break the chair opened the floor for discussions on the ICZMP and CDS. The participants took part actively in open discussions. Dr. M. Rafiqul Islam, Mr. Abu M Kamal Uddin, and Dr. Aminul Hoque facilitated this part of the session. The participants expressed their concerns, hopes made comments and recommendations on priority actions for CDS. Md. Sayed Iftekhar, Research Officer, PDO-ICZMP and Mr. Sayeedur Rahman, Scientific Officer, WARPO took notes on comments and recommendations. After this the participants prioritized the actions in the flip charts following voting process. Each participant was allowed to give five votes. They were also asked to put any recommendation beyond the listed items, if they wanted.

## Summary of Meeting

District	Barisal		
Date of consultation	20 March 2005		
Venue	Barisal Press Club		
Meeting started at	10:20 am		
Meeting concluded at	1:00 pm		
Chief guest	Mr. Abdul Monaf Patoari, Deputy Commissioner, Barisal		
Chair/moderator	Dr. Md. Abdul Malek, Civil Surgeon, Barisal		
WARPO/PDO team	Dr. M. Rafiqul Islam, Mr. Abu M Kamal Uddin, Dr. Aminul Hoque, Mr. Md. Sayed Iftekhar, Mr. Sayeedur Rahman		
Summary of Participants	Both sex	Female	Participating organizations
<b>Total</b>	61	15	
Government agency	14	2	District Administration, District Information Office, Directorate of Women Affairs, Department of Health, BWDB, BIWTA, BRDB, DoSS, Forest Department
Local government	3	3	Union Parishad, Barisal City Corporation
NGOs/CBOs	21	6	AVAS, Barisal Nagorik Parishad, BUK, HAPP, Shabdabali Group Theatre, CIPA, Bogura Mohila Samabay Samity, CICD, Rural Development Society, NSP, Ulan Ghoni Krishok Samabay Samity, Naya Krishok Samabay Samity, Chandradwip Development Society, LTN, Bastuhara Samity, MAP, Dustho Ashahay Bastuhara Kalyan Samity, Nadi Bhanga Bastuhara Samity
Civil society	11	4	Barisal Bar, Manat Gunig Madrashah, Manobadhikar Jote, Amrita Lal Dey College, Halima Khatun Girls High School, Mohila Jubo Leage, Press Club
Mass media	8		Prothom Alo, Weekly Khoborer Antorale, Daily Shahnama, Khabor Patra, Daily Ajker Barta, Daily Ajker Paribartan,
Private sector	4		Ryva Enterprise, Sankar Bakery, Barisal Chamber of Commerce & Industry

District	Barisal
Others	
<b>Summary of comments and suggestions given by the participants</b>	<ul style="list-style-type: none"> <li>• Women empowerment through addressing gender, social and health issues.</li> <li>• Integrating forestation outside the embankments.</li> <li>• Provision of educational facilities in the remote coastal areas.</li> <li>• Development of road communication.</li> <li>• Alternative employment generation for the fishers to reduce <i>jatka</i> killing.</li> <li>• Take proper measures to reduce river pollution.</li> <li>• Proper utilization of the Ship Yard.</li> <li>• Development of livelihood of people of remote areas. They have to be mainstreamed. Motivation on sanitation issues is needed.</li> <li>• Sustainable utilization of agriculture land. Increase of cropping intensity.</li> <li>• Private sector development should be facilitated to win the challenges of open market economy.</li> <li>• Wider consultation at village and grass root level is needed.</li> <li>• The coastal environment is changing. So plans and strategies should be designed accordingly.</li> <li>• Improvement of transportation and communication system is very important for the development of Barisal.</li> <li>• Proper maintenance of navigation system of Barisal to ensure standard navigation through out the year.</li> <li>• Unplanned constructions of embankments cause hazards to the people of Barisal. Construction of well-planned infrastructure is necessary for the development of Barisal.</li> <li>• Fish processing and management system may be done with the help of government.</li> <li>• Tree plantation is important for the development of the coastal zone.</li> <li>• Accountability and sense of responsibility among all the stakeholders of the coastal zone has to be developed.</li> <li>• Corruption in relation to ‘char lands’ has been continuing for hundreds of years. This corruption should be illuminated.</li> <li>• A group of mighty terrorists are controlling hundreds acres of land. Now the political leaders are involved in it. These lands should be handed over to the original owners by taking proper steps.</li> <li>• Barisal was once known as the ‘Granary of Bengal’. But now, due to many reasons, the crop production has been diminishing.</li> <li>• Use of excessive chemical fertilizers is polluting the soil and water. The varieties and amount of fish in the rivers of Barisal has been decreasing and the lands loosing productivity.</li> <li>• Most of the rivers and canals of Barisal have been almost dried up. Millions of boatmen became unemployed.</li> <li>• Canals and rivers should be re-excavated.</li> <li>• People in the rural areas are dependent on quacks for their treatment. Health services should be brought to the villages.</li> <li>• Education services should be much more improved.</li> <li>• Improvement of transportation and communication system of Barisal is crucial.</li> <li>• Concept of cultivating crops in saline water should be encouraged.</li> <li>• Char area development through cultivating suitable crops.</li> <li>• Buffalo curd of Bhola and Barisal, ‘Shitolpati’ of Jhalkathi, guava of Shawrupkathi etc. may be considered as important economic goods for developing the southern side of Bangladesh.</li> <li>• There is no integration with one government organization to another. The policy of one organization differs widely from another. A plan can only be successful if proper integration and coordination among government organizations is ensured. Wholehearted efforts of the responsible officers are also needed.</li> <li>• The main problem in the coastal zone is river erosion. People loss everything due to erosion.</li> <li>• Tourism and salt farming should be highlighted in CDS.</li> </ul>

District	Barisal
	<ul style="list-style-type: none"> <li>• The development programs should target benefit the real stakeholders.</li> <li>• The sweet water level will be lowered in the long run if the present rate of extraction continued. This issue should be addressed properly in CDS.</li> <li>• CDSP experience is invaluable in the development of the coastal zone.</li> <li>• The people of char areas should be make conscious and aware about hygienic and salutary sanitation.</li> <li>• Schools must be constructed in the char areas for the development of education.</li> <li>• Coastal Greenbelt Project should be fully implemented. Forests and mangroves play a significant role in maintaining the coastal environment.</li> <li>• Poverty alleviation should be the first priority.</li> <li>• Shrimp cultivation in the coastal zone should be environment friendly.</li> <li>• The development of salt industries should be encouraged.</li> <li>• Repairing works of embankments do not take place due to lack of fund. People's support and participation is also needed for repairing work, which is not available always.</li> <li>• The development in agriculture becomes possible for the construction of polders. In the CERP a system of land management have been developed.</li> <li>• EIA and SIA should be properly followed during planning and implementation of any development project for the coastal zone.</li> <li>• There should be more concentration on education and health issues in the CDS.</li> <li>• Maintenance of ecological balance is very important for the coastal zone.</li> <li>• Mobile health unit can be set up for the remote coastal areas.</li> <li>• Whole Bangladesh is underdeveloped, then, why segmented population of the coastal zone will be preferred?</li> </ul>

### Comments and recommendations

#### **Mr. Abdul Monaf Patoary, DC, Barisal:**

In his opening speech Mr. Patoary stressed on the following issues/aspects:

Provision of educational facilities in the remote coastal areas.

Development of road communication.

Generation of alternative employment opportunities for the fishers, which will help reducing *jatka* killing.

Taking proper measures to reduce river pollution.

Proper utilization of the Ship Yard.

Development of livelihoods of people of remote areas. They have to be mainstreamed.

Motivation on sanitation issues is needed.

Sustainable utilization of agriculture land. Increasing cropping intensity.

Private sector development should be facilitated to win the challenges of open market economy.

Wider consultation at village and grass root level is needed.

#### **Dr. Md. Abdul Malek, Civil Surgeon:**

Fisheries and agriculture are the main sources of income of the people. But both of them are now declining.

The coastal environment is changing. So plans and strategies should be designed accordingly.

**Md. Saiful Islam, Deputy Director & Port and Traffic Officer, BIWTA:**

Improvement of transportation and communication system is very important for the development of Barisal.

Proper maintenance of navigation system of Barisal should be ensured to facilitate required 'navigational depth' in rivers through out the year.

**Ms. Tunu Rani Karmaker, Lecturer, Political Science, Amrita Lal Dey College:**

Unplanned Constructions of embankments cause harms to the people of Barisal. Construction of well-planned infrastructure is necessary for the development of Barisal.

Fish processing factories may be established with the help of government. Tree plantation is important for the development of the coastal zone. Accountability and sense of responsibility among all the stakeholders of the coastal zone has to be developed.

**Mr. Mintu Bashu, General Secretary, Barisal Nagarik Parishad:**

Corruption in relation to charlands has been continuing for hundreds of years. This corruption must be illuminated.

A group of mighty terrorists are controlling hundreds of acres of land. Now the political leaders are involved in it. These lands should be handed over to the original owners by taking proper steps.

Barisal was once known as the 'Granary of Bengal'. But now due to many reasons the crop production is diminishing. Over uses of chemical fertilizers causing degradation of soil and water pollution. The varieties and amount of fish in the rivers of Barisal is decreasing and the lands are loosing productivity. Most of the rivers and canals of Barisal are almost dried. Millions of boatmen became unemployed. Canals and rivers should be re-excavated. People in the rural areas are dependent on quacks for their treatment. Health services should be brought to the coastal villages. Education services should be much more improved.

**Md. Moniruzzaman, Deputy Director, Divisional Information Office, Barisal:**

Improvement of transportation and communication system of Barisal is very important. Concept of cultivating crops in saline water should be encouraged. Char area can be developed through cultivating suitable crops.

Buffalo curd of Bhola and Barisal, 'Shitolpati' of Jhalkathi, guava of Shawrupkathi etc. may be considered as important economic goods for developing the southern part of Bangladesh.

**Mr. Tawfiq Maruf, Staff Reporter, Prothom Alo:**

There is no integration between the government organizations. The policy of one organization differs widely from another. A plan can only be successful if proper integration and coordination is ensured. Wholehearted efforts of the responsible officers are also needed. The main problem in the coastal zone is river erosion. People loss everything due to erosion. BWDB often ignore the 'erosion pattern' of the rivers. Tourism and salt farming should be highlighted in CDS.

**Dr. Sayed Habibur Rahman, President, Manabadhikar Jote:**

The development program should target benefit the real stakeholders.

**Md. Abdur Rob, Representative, BRDB:**

The sweet water level will be lowered in the long run if the present rate of extraction continued. This issue should be addressed properly in CDS. Many important plans and projects were buried before and some were not properly monitored and evaluated. The ICZMP project should not be experienced similar.

**Advocate S.M. Iqbal, Ex-President, Barisal Press Club:**

CDSP experience is invaluable in the development of the coastal zone. The people of char areas should be motivated and conscious about hygienic and salutary sanitation. Schools must be constructed in the char areas for the development of education in the coastal zone.

**Mr. A.B.M. Abdul Barek, Divisional Forest Officer:**

Coastal Greenbelt Project should be fully implemented. Forests and mangroves play a significant role in maintaining the coastal environment.

**Ms. Nawsaba Nasreen, Upazila Rural Development Officer, BRDB:**

Poverty alleviation should be the first priority in CDS. Shrimp cultivation in the coastal zone should be environment friendly. Development of salt industries should be encouraged.

**Mr. Dewan Shahidul Islam, Superintending Engineer, BWDB:**

River erosion is one of the major disasters in the coastal zone, which is not possible to stop always, because it is not always possible to predict where the river erosion would occur, and moreover the fund is very limited. Repairing of embankments was done many years ago; due to lack of fund it not possible to do continuous repairing work. People's support and participation is also needed during repairing work, but not always available. The development in agriculture becomes possible for the construction of polders. In the CERP a system of land management have been developed. EIA and SIA should be properly followed during planning and implementation of any development project for the coastal zone. Forestation in Barisal is done using the experience of Sundarbans. Drinking water problem is acute in Barisal. There should be more concentration on education and health issues in the CDS.

**Dr. Narendra Nath Dewri, Upazila Health and F.P. Officer, Barisal Sadar:**

Maintenance of ecological balance is very important for the coastal zone. Mobile health units can be set up for the remote coastal areas. Whole Bangladesh is underdeveloped, then, why segmented population of the coastal zone will be preferred ?

**Priority Actions**

Sl.No.	Items	Rating
<b>Safeguarding the availability of fresh water with regionalized water management</b>		
1	Water management and rural development in Greater Noakhali (GN) area	
2	Action to mitigate drainage problems in Khulna region	
3	Integrated management of coastal water infrastructure (Polders)	3
4	The development of an effective system of groundwater management	11
5	Strengthening sanitation and safe water supply programs in arsenic & salinity affected areas	24
<b>Optimizing use of coastal lands</b>		
6	Accreted land development and settlement: development of a sustainable process	4
7	Land use zoning for efficient use & management of land resources	1
8	Development of coastal agriculture	2
<b>Promoting economic growth emphasizing rural non-farm employment</b>		
9	Small and medium enterprise development on selected coastal trades	14
10	Development & employment generation through tourism	10
<b>Sustainable and equitable management of natural resources</b>		
11	Promotion and extension of environmental and socially responsive shrimp farming	2
12	Introduction and expansion of solar, tidal & wind energy in the remote coastal areas	4
13	Marine and coastal fisheries development program	
<b>Environmental conservation</b>		
14	Completing and maintaining sea dykes as first level of defense against sea level rise	9
15	Strengthening of Coast Guard program for the improvement of peoples security and	

Sl.No.	Items	Rating
	environmental conservation	
<b>Improving livelihood conditions of people, specially women</b>		
16	Enhancement of livelihoods in chars and islands	21
17	Integrated development of remotely located island	2
18	Capacity building and skill development of female fish processors	3
19	Comprehensive rehabilitation program for erosion victims	23
20	Reduction of severe vulnerability through multi-purpose cyclone shelters - including coping mechanism	2
21	Veterinary services by private practitioners	
<b>Empowering through knowledge management</b>		
22	Knowledge management and dissemination	3
23	Regional and other framework studies	2
24	Capacity building and training	3
<b>Creating an enabling institutional environment</b>		
25	Operationalization of a Program Co-ordination Unit (PCU) at national level	3
26	Operationalization of an institutional and co-ordination mechanism involving local government at district level for the purpose of implementation	2
27	Supporting initiatives by LGIs, NGOs and media in coastal management	14
28	Empowerment through training of women members of UPs and Pourashavas	11
29	Establishment of IT supported model Unions in sea facing upazilas	3
30	Plantation outside of Polders	2
31	Women Employment for Gender issue, Social issue & Health issue	2

### List of Participants

Sl.	Name	Designation	Organization	Address	Phone/Fax/Email
1.	Md. Delowar Hossain	APAE Operator	Divisional Information Office, Barisal	Divisional Information Office, Barisal	
2.	Miss Jebun Nesa	District Women Affairs Officer	Women Affairs Department	District Women Affairs Office, Chowdhury Lodge, College Road, Barisal	64675
3.	Md. Rahat Khan	Businessman	Ryva Enterprise	Kawnia Main Road, Barisal	0188323268
4.	Tawfiq Maruf	Staff Reporter	Prothom Alo	Barisal Regional Office, Habib Bhaban, Sadar Road, Barisal	63616 <a href="mailto:palobsl@ccnbsr.net">palobsl@ccnbsr.net</a>
5.	Edword Robin Bollove	Program officer, HAPP	Member of Inter Church Coordination Committee	Christian Colony, College Road, Barisal	0172629587
6.	Mintu Bashu	General Secretary	Barisal Nagarik Parishad	Kawnia Main Road, Barisal	0176042589
7.	Md. Abdul Monaf Patwary	Deputy Commissioner	Office of the Deputy Commissioner, Barisal	Office of the Deputy Commissioner, Barisal	63866
8.	Dr. Md. Abdul Malek	Civil Surgeon	Health	Office of the Civil Surgeon, Barisal	64909 (O); 64955 (R)
9.	Anis Udding Ahmed Shahid	Advocate	Barisal Bar	Amena Monjil, Sree Nath Chatterjee Lane, Barisal	64558 (R) 0171352106
10.	Rahima Sultana Kajal	Director	AVAS	Alekanda Road, Barisal	2173131 <a href="mailto:avas@btib.net.bd">avas@btib.net.bd</a>
11.	Dewan Shahidul Islam	Superintending Engineer	Bangladesh Water Development Board	Sagordi, WAPDA Colony, Barisal	72223 (O); 72224 (R)
12.	Md. Shahidul Haq	Program Announcer, Bangladesh Betar	Sabdabali Group Theater, Barisal	Bangladesh Betar, Barisal, Ruptali - 8206, Barisal	71203
13.	C.H Mahbub	Barisal Correspondent	Weekly Khaborer Antorale	Daily Sahnama, Sadar Road, Barisal	64614
14.	M. Miraj Hossain	Staff Reporter	Daily Shahnama	Sadar Road, Barisal	64614
15.	Shamim Ahmed	Correspondent & Photo Journalist, Jugantor	Daily Khaborpatra	Barisal Reporters Unit, Sadar Road, Barisal	0171970223/62708
16.	Kazi Makbul Hossain	Local Editor	Daily Ajker Barta	115-D, Sadar Road, Barisal	63954
17.	Md. Abdul Maleque	Traffic Inspector	Bangladesh Inland Water Transport Authority	BIWTA, Barisal Port Office, Barisal	0172942810
18.	Mrs. Parul Begum	UP Member	Charbaria UP	Vill: Batna, PO: Amirganj, PS: Barisal Sadar, Barisal	0174011821

Sl. No.	Name	Designation	Organization	Address	Phone/Fax/Email
19.	Advocate Halima Begum Happy	Lawyer		Hasan Bagh, Bogura Road, Barisal	0176253431; 63432
20.	Rashida Begum Baby	Commissioner and Executive Director	Centre for Poverty Alleviation (CIPA)	Rashida Monjil, Kathpatty Road, Barisal	0176040247; 0176148804
21.	Salma Akter Shila	Commissioner, Ward no. 7	Barisal City Corporation	Hospital Road, Munshi Bari, Barisal	64656, 0172130107
22.	Liton Chandra Sarker	Businessman	Sankar Bakery	New Market, Barisal	
23.	Shirin Akter	Manager, BRDB	Bogura Mohila Samabay Samittee Ltd. (BRDB)	Nabogram Road, West Bogra, Barisal	
24.	Mahamuda Begum	President	Bogura Mohila Samabay Samittee Ltd. (BRDB)	Nabogram Road, West Bogra, Barisal	
25.	Md. Moniruzzaman	Deputy Director	Divisional Information Office Barisal	Department of Mass Communication, Divisional Information Office, Barisal	64768
26.	Mizanur Rahman	Chief Photographer	Daily Aiker Paribarton	15 Parara Road, Barisal	64259
27.	Md. Akhter Hussain	Executive Engineer	Bangladesh Water Development Board	Sagardi Colony, Bundh Road, Barisal	72233
28.	Md. Zia	Member	Barisal Chamber of Commerce & Industries	Amanatganj, Barisal	0174065564
29.	A.M. Mazharul Islam	Executive Director	Community Initiative Centre for Development	CICD Regional Office, Mitali Bhaban, Nabagram Road, Barisal	0431-2174949 0189794889 <a href="mailto:c_i_c_d@hotmail.com">c_i_c_d@hotmail.com</a>
30.	Md. Khairul Alam Chowdhury	Secretary	Chanderhat/ Newbhatikhana Branch	Newbhatikhana Road, 4 No. Ward, Barisal	62221 0171943490
31.	Md. Harun-Or-Rashid	Secretary	Rural Development Society	Sagordi, Barisal	0172051136
32.	Md. Masud Rahman	Madrasha Teacher		Amanat Gunig, Baltala, Barisal	01720349221
33.	Md. Hanif	Office Assistant	NSP	Asha Neer, Charkawa, Barisal	
34.	Dr. Sayed Habibur Rahman	President	Manabadhikar Jote, Barisal	17 Sadar Road, Barisal	63988; 0175025017
35.	Md. Abdur Rob	Representative	BRDB	DD Office, BRDB, Barisal	63653
36.	Golam Azad	Member	Ulan Ghuni Krishioik Samabay Samittee Ltd. ()	BRDB, Ulan Ghuni, Sadar Upazila, Barisal	0189673298
37.	Md. Abdur Rashid Munshi	Member	Nayani Krishak Samabay Samittee Ltd. (BRDB)	Vill: Nayani, PO: Charkauwa, Barisal Sadar, Barisal	
38.	Md. Saiful Islam	Dy. Director and Port & Traffic Officer	Bangladesh Inland Water Transport Authority	Bandar Bhabon, Bandh Road, Barisal	64750 (O), 64818 (R)
39.	Nawsaba Nasreen	Upazila Rural Development Officer	BRDB	Upazila Rural Development Office, Sadar Upazila, Barisal	61015
40.	Dr. Narendra Nath Dewri	Upazila Health and F.P. Officer	Upazila Health Office	Upazila Health Office, Upazila Parisad Bhaban, Sadar, Barisal	03895; 0188126456
41.	Tunu Rani Karmaker	Lecturer, Political Science	Amrita Lal Dey College	Amrita Lal Dey College, Hospital Road, Barisal	0172-004767
42.	Syed Golam Masud Bablu	Lawyer	Barisal Bar	Syed Bhaban 2 <sup>nd</sup> floor, Sadar Road, Barisal	64379, 64479 0171819766
43.	M.M. Amjed Hossain	Headmaster	Halima Khatun Girls High School	Gorachad Das Road, Barisal	2174912; 0178050703
44.	Abdul Halim	Probation Officer	Social Service Department	Probation office Collectorate Bhaban, DC Office Barisal	72063, 0178101710
45.	Jahanara Begum Shapna	Director	Chandradip Development Society	Monowara Monjil Hospital Rorad Nozir Mohalla Barisal	0172001088, 63375
46.	Mahmuda Begum	Executive Director	Love the Neighbor (LTN)	Nazir Mohalla Road, Barisal	61203 0171931753
47.	Shaikh Jebun Nesa	Teacher	Halima Khatun Girls High School	Gorachad Das Road, Barisal	0171950040
48.	A.B.M. Abdul Berek	Divisional Forest Officer	Forest Department	North Bogra Road, Barisal	71068; 0171353238
49.	Mohammad Ali Khan Jasim	Photo Journalist	Daily Prothom Alo Barisal Office	Habib Bhaban (3 <sup>rd</sup> floor), Sadar Road, Barisal	63989; 0171150234
50.	Nasrin Nahar	Training Coordinator	Bikalpa Unnayan Karmoshuchi (BUK)	Tusar, Nazir Mohallah, barisal	2173346 <a href="mailto:buk@btt.net.bd">buk@btt.net.bd</a>
51.	Advocate S.M. Iqbal	Ex-President, Barisal Press Club	Barisal Press Club	Anamee Lane, Sadar Road, Barisal	65220, 0178-524030
52.	Md. Ebayedul Haque	President	Barisal Chamber of	Aviruchi Cenema Hall, Sadar Road,	64020, 0171342811

Sl.	Name	Designation	Organization	Address	Phone/Fax/Email
	Chan		Commerce & Industries	Barisal	
53.	Ziaul Haque Jewel	General Secretary	Bastuhara Samittee	Bastuhara Samittee, Barisal	
54.	Suvangkar Chakrabartty	Director	Mobilization for Alternative Program (MAP)	Jalil Mansion, Hospital Road (2 <sup>nd</sup> floor), Barisal	0176848406
55.	Advocate Md. Shahidul Islam	Lawyer	Barisal Bar Library, Barisal	Member, Barisal Bar Library, Barisal	0189014279
56.	Fatima Khanam	Director	BUK	Nazir Mohalla, Barisal	
57.	Md. Shahjahan Mostaque	Vice- President	Dustha, Oshohaya, Bastuhara Kallayan Samittee	KDC Bastuhara, Barisal	
58.	Abida Sultana	General Secretary	Mohila Jubo League	C/O, A. Majid, 3 No. Steamer Ghat, Band Road, Barisal	
59.	Md. Zakir Hossain	Director	Nadi Sikasti Parisabda (NSP)	Vill: CharKawa, PO: CharKawa, Barisal	
60.	Md. Lal Mia	President	Nadi Bhanga Bastuhara Samittee, Barisal	Vill: Kavar Char, Kheyaghat, Barisal	
61.	Md. Kamal Ahmed	Member,	Manobadhikar Jote Barisal	Sohel Villa, C&B Road, Barisal	0176149597





LAKSHMIPUR

21 March 2005



## Introduction

The consultation meeting started at 11:20. Md. Abual Hossain, Deputy Commissioner of Lakshmipur chaired the meeting. Mr. Mohiuddin Ahmad, Co-Team Leader of PDO-ICZMP welcomed all the participants. Then the Chair requested all the participants to briefly introduce them-selves. In his inaugural speech, Deputy Commissioner mentioned the Coastal Zone as a land of vulnerabilities. He thanked WARPO and PDO-ICZMP for taking steps towards formulating Coastal Development Strategy. He asked the participants to make their comments and suggestions freely in order to formulate a rich Coastal Development Strategy.

The working session was comprised of two presentations. Kazi Rezaul Krim, SSO, WARPO presented overview of ICZMP project (objectives, outputs and current activities). Then Mr. Mohiuddin Ahmad of PDO-ICZMP presented the draft Coastal Development Strategy (CDS).

The meeting was then opened for discussion. Mr. Mohiuddin Ahmad moderated the open discussion session.

Prioritization of actions for Lakshmipur district was followed by the open discussion. Each participant was requested to select five actions from the proposed list of 29 actions.

Mr. Mohiuddin Ahmad then concluded the meeting thanking the participants for their valuable comments and suggestions. All the participants were invited to join lunch.

## Summary of Meeting

District	Lakshmipur		
Date	21 March 2005		
Venue	Conference Room of the Deputy Commissioner		
Starting time	11:20 am		
Closing time	13: 00 pm		
Chief guest/ Chair	Md. Abual Hossain, Deputy Commissioner, Lakshmipur		
WARPO/PDO Team	Mohiuddin Ahmad, Kazi Rezaul Karim, Mohammad Showkat Osman, Nahid Sultana		
Summary of Participants	Both sex	Female	Participating Organizations
	Total	20	
Government Agency	6	1	Bangladesh Rural Development Board, Department of Women Affairs, District Information Office, Forest Department.
Local Government			
NGOs	5	2	Jana Seba Kendra, Sopiret, MMSUS, GEMS
Civil Society	1	1	Lakshipur Govt. Girls High School
Mass Media	3	0	BTV, BSS, Bangladesh Betar
Private Sector			
Others/CBOs	5	2	Mohila Unnayan Samity, Pyrapur Bittohin Mohila Unnayan Samity, Daksin Motobi Krisi Samity Ltd. (BRDB), Shayamganj Krisi Samobay Samity Ltd. Lakshmipur Upzila Kendrio Samobay Samity Ltd.
Summary of comments and suggestions from the participants	<ul style="list-style-type: none"> <li>• Agricultural production could be increased by installing more deep tube well</li> <li>• Different variety of crops should be introduced</li> <li>• Lakshmipur is potential for growing Soya-bean and peanut</li> <li>• Landless people (affected by river erosion) don't have any employment opportunity, they don't even have access to Micro Credit service from the NGO's</li> <li>• The poor and poorest should be provided with interest free loan through NGO's and Department of Social Services</li> <li>• Schools in the coastal areas are situated in long distance from each other</li> </ul>		

District	Lakshmipur
	<ul style="list-style-type: none"> <li>• Number of children per family is very high</li> <li>• Strict actions should be taken to stop “Dadon”; the fishermen in the coastal area are hostages to the “Dadon baboshayee”.</li> <li>• Coastal people suffer due to lack of storage and transport facility</li> <li>• Representatives of Union Parishad should be included in ICZM consultations</li> <li>• People affected by river erosion should be rehabilitated in the newly accreted land</li> <li>• Management of land distribution as well as land reclamation should be given proper attention</li> <li>• Land Distribution Policy should be reformed</li> <li>• Community based social security should be increased</li> <li>• Bio-diversity and fish species are deteriorating in the coastal zone</li> <li>• Forest Department must take actions to stop destruction of forest</li> <li>• Employment opportunities should be created through establishment of Small and Medium industries</li> <li>• Obstructions, which are created by unauthorized settlement, of rivers should be removed</li> </ul>

#### Comments and Recommendations:

##### **Md. Abdus Sattar (Deputy Director, BRDB):**

He raised his concern about poor presence of representatives of government agencies, while he found the presence of women representatives satisfactory. He thanked WARPO/PDO for arranging such meeting in district level and hoped for successful formulation of CDS.

He suggested that representatives from Union Parishad should include in such consultation.

In response Mohiuddinn Ahmad (PDO-ICZMP) informed the meeting that representatives from Union Parishad were included in the invitation list.

##### **Md. Kausar (District Representative, BTV):**

He informed that people are disheartened with the activities of NGOs, as they are not benefited by the NGOs’ work. It is heard about interest-free loan, but poor people never have access to it. The issue of landless people is very sensitive. People affected by river erosion should be rehabilitated in the newly accreted land. Management of land distribution should be given proper attention as well as land reclamation. Land Distribution Policy should be reformed.

##### **Moinuddin Pathan (District Representative, Bangladesh Betar):**

Community based social security should be increased. The powerful people control Law and Order in the char area, local administration is helpless there. Bio-diversity and fish species are deteriorating in the coastal zone. Poor people can’t afford to buy fish; as a result they lack proteins.

##### **Md. Abdul Wahed (Upazila Rural Development Officer, BRDB):**

Thousands of trees (Keora/Kefra) are getting destroyed, because of brickfields; there is no monitoring/supervision of Forest Department.

##### **Sayad M.A. Sayeed (Coordinator, Jono Seba Kendra, Raipur):**

Employment opportunities should be created through establishing small and medium industries, which will contribute improving livelihood conditions of the poor. Obstructions, which are created by unauthorized settlements, of rivers should be removed.

**Remarks from the Chairperson (DC, Lakshmipur):**

Lakshmipur district has higher population density - family size, number of poor and number of fisher households, compare to the whole country and the coastal zone. On the other hand number of primary schools, households with electricity connection and per capita GDP is lower. Installing more deep tube wells could ensure irrigation that increases agricultural production; variety of crops should be introduced. Lakshmipur is potential for growing Soya-bean and peanut. There is no employment opportunity for the river erosion affected landless people, they never have access to loan services; micro credit program of NGOs never reach to this poor people. Education facilities are inadequate; schools are situated in far distance from each other in coastal area. To improve the living condition of the coastal poor, Department of Social Services and NGOs must provide the poor with interest-free loan. Coastal fishermen are hostages to “*Dadondar*”; there must be some strict immediate actions to stop “*Dadon*”. Everyone must raise voice against “*Dadon*”, specially the media and social workers. Coastal people suffer extreme due to lack of communication network and storage facilities. Valuable suggestions will come out from today’s consultation in relation to solving the coastal problems. I look forward to see a successful Coastal Development Strategy.

**Priority Actions**

Sl.No.	Items	Rating
<b>Safeguarding the availability of fresh water with regionalized water management</b>		
1	Water management and rural development in Greater Noakhali (GN) area	3
2	Action to mitigate drainage problems in Khulna region	
3	Integrated management of coastal water infrastructure (Polders)	
4	The development of an effective system of groundwater management	1
5	Strengthening sanitation and safe water supply programs in arsenic & salinity affected areas	2
<b>Optimizing use of coastal lands</b>		
6	Accreted land development and settlement: development of a sustainable process	1
7	Land use zoning for efficient use & management of land resources	4
8	Development of coastal agriculture	7
<b>Promoting economic growth emphasizing rural non-farm employment</b>		
9	Small and medium enterprise development on selected coastal trades	4
10	Development & employment generation through tourism	1
<b>Sustainable and equitable management of natural resources</b>		
11	Promotion and extension of environmental and socially responsive shrimp farming	1
12	Introduction and expansion of solar, tidal & wind energy in the remote coastal areas	1
13	Marine and coastal fisheries development program	
<b>Environmental conservation</b>		
14	Completing and maintaining sea dykes as first level of defense against sea level rise	
15	Strengthening of Coast Guard program for the improvement of peoples security and environmental conservation	
<b>Improving livelihood conditions of people, specially women</b>		
16	Enhancement of livelihoods in chars and islands	3
17	Integrated development of remotely located island	3
18	Capacity building and skill development of female fish processors	8
19	Comprehensive rehabilitation program for erosion victims	11
20	Reduction of severe vulnerability through multi-purpose cyclone shelters - including coping mechanism	1
21	Veterinary services by private practitioners	4
<b>Empowering through knowledge management</b>		
22	Knowledge management and dissemination	4
23	Regional and other framework studies	1
24	Capacity building and training	5
<b>Creating an enabling institutional environment</b>		
25	Operationalization of a Program Co-ordination Unit (PCU) at national level	
26	Operationalization of an institutional and co-ordination mechanism involving local government	3

Sl.No.	Items	Rating
	at district level for the purpose of implementation	
27	Supporting initiatives by LGIs, NGOs and media in coastal management	5
28	Empowerment through training of women members of UPs and Pourashavas	4
29	Establishment of IT supported model Unions in sea facing upazilas	
30	Improvement of Communication Network	

### List of Participants

Sl.	Name	Designation	Organization	Address	Phone/Fax/Email
1.	Md. Abual Hosain	Deputy Commissioner	Office of the Deputy Commissioner	Deputy Commissioner, Lakshmipur	
2.	Asadurz Zaman Chowdhury	Program Coordinator	Gender and Environment Management Society (GEMS)	Ahammad Kabir Villa (Near Jamur cinema hall) Vill: South Mojuapur, Lakshmipur	0381-55498, 0171705808
3.	Md. Main Uddin Pathan	District Reporter	Bangladesh Betar	Lakshmipur	55622, 0172032001
4.	Md. Jamal Hossain Molla	Representative	District Information Office	Court Building, Lakshmipur	0381-55387
5.	Hossain Ahmad (Shahjahan)	District Representative	BSS, Daily Star	Lakshmipur Press Club, Poura Super Market (3 <sup>rd</sup> flr), Lakshmipur	0171956480, 62088 press club (fax same)
6.	Md. Kauser	District Representative	BTV	Lakshmipur	0171956877, 62089 (R)
7.	Shamsul Hoque	Divisional Forest Officer	Forest Department	Social Forest Division, Atiatoli, Lakshmipur	0381-55610, fax: 62351
8.	Md. Abdus Sattar	Deputy Director	BRDB	District Rural Bhaban, North Fakirpur, Majidee Court, Noakhali	62241
9.	Md. Abdul Wahed	Upazila Rural Development Officer	BRDB	Lakshmipur Upazila Central Samobaye Samittee Ltd., Lakshmipur	55298, 0172638702
10.	Md. Jaber Hossain	Range Officer	Forest Department	Lakshmipur Biztala Centre, Social Forest Division, Lakshmipur	0171273167
11.	Zobaida Gulshan Ara	Asstt. Teacher	Lakshmipur Govt. Girls High School	Lakshmipur Govt. Girls High School, Lakshmipur	0381-55354 school 0381-61281 (R)
12.	Syed MA Sayeed	Coordinator	Janoseba Kendra	President Mohammed Ullah Road Konchanpur, Rajpur, Lakshmipur	0176724936 0171570333
13.	Md. Enayet Hossain	Administrative Officer	Sopiret	Shaikh Rasel Sarak, Shamserabad, Lakshmipur	55453
14.	Farhana Sultana	Cashier	Manobal Mohila Samaj Unnayan Sangshtha (MMSUS)	DB Road South Majupur Sadar, Lakshmipur	0189942844, 0176267813
15.	Shamsun Nahar	Executive Director	Manobal Mohila Samaj Unnayan Sangshtha (MMSUS)	DB Road South Majupur Sadar, Lakshmipur	0189942844, 0171971958
16.	Shahida Begum	Executive Director	Mohila Unnayan Samity	Vill: Abir Nagar, PO: Lakshmipur Sadar, Lakshmipur	
17.	Mahmuda Akter	Training Instructor	Directorate of Women Affairs	College Road, Lakshmipur	55363, 0172267285
18.	Shita Rani Kuri	President	Pearapur Bittohin Mohila Unnayan Samity	Pro: Bijon Bihari Ghosh PO: Pearpur, Lakshmipur	0172756414
19.	Md. Mostofa Bhuiya	Director	Lakshmipur central Cooperatives Ltd.	PO: Mandari Bazar, Thana sadar, Lakshmipur	
20.	Md. Fazlul Karim	Manager	Shamganj Krishi Samobay Samity Ltd.	Vill:+ PO: Shamganj, Lakshmipur	
21.	Md. Nur Nabi	Director	Lakshmipur Upazila Central Cooperatives Ltd.	C/O, Shamsuddin Ahmed, Chairman house, Vill: Charrahiz: PO: Rasulganj, Lakshmipur	017686228, 0176086228





NARAIL

21 March 2005



## Introduction

The meeting started with Mr. Abul Kalam Azad, ADC (General), Narail in the Chair. Md. Nuruddin Ahmed, Deputy Commissioner, Narail was the Chief Guest and Dr. M. Rafiqul Islam, Team Leader, PDO-ICZMP, Mr. Abu M Kamal Uddin, Senior National Expert, PDO-ICZMP and Dr. Aminul Hoque, Scientific Officer, WARPO were present as special guests. Mr. Abul Kalam Azad welcomed the guests and the participants and requested the participants to introduce themselves. Then Mr. Nuruddin Ahmed gave his opening speech.

Dr. Aminul Hoque of WARPO gave presentation on ICZMP project and Dr. M. Rafiqul Islam explained the draft Coastal Development Strategy (CDS) through his presentation. After the presentations a tea break was given. After tea break the participants were invited to take part in open discussions. The participants made their comments and recommendations on priority actions for CDS. At the later part of the meeting the participants selected 'priority actions' for CDS for their own area, considering the local contexts. Each of all participants selected five items, among from 29, which were proposed based on earlier consultations in national and regional levels. The participants were also asked to make recommendations; they had any, beyond these 29 items.

## Summary of Meeting

District	Narail		
Date of consultation	21 March 2005		
Venue	Zila Parishad Auditorium		
Meeting started at	10:30 am		
Meeting concluded at	1:30 pm		
Chief guest	Md. Nuruddin Ahmed, Deputy Commissioner, Narail		
Chair/moderator	Mr. Abul Kalam Azad, ADC (General), Narail		
WARPO/PDO team	Dr. M. Rafiqul Islam, Mr. Abu M Kamal Uddin, Dr. Aminul Hoque, Md. Sayed Iftekhar, Mr. Sayeedur Rahman		
Summary of Participants	Both sex	Female	Participating organizations
	Total	36	3
Government agency	17		District Administration, DAE, FD, DPE, BRDB, DoF, BWDB, DoSS, DPHE, Department of Health, Secondary and Higher Education Department, Jatio Mohila Sangstha, Youth Development Department
Local government			
NGOs/CBOs	9	2	Jagoroni Chakra Foundation, Ashar Alo Mohila Unnayan Sangstha, Esho Samaj Gori, Narail Nari Unnayan Sangstha, Chondon Kanon
Civil society	1	1	Narail Govt. Girls High School
Mass media	9		Gramer Kagoj, Daily Naya Digonto, Press Club, Bangladesh Observer, NTV, Prothom Alo, Daily Ocean
Private sector			
Others			
Summary of comments and suggestions given by the participants	<ul style="list-style-type: none"> <li>Chitra River is the main asset of the district. But the river is not properly managed and conserved. If the resources of the river were utilized sustainable then the people of Narail would have been much developed.</li> <li>The inclusion of Narail in the coastal districts offers a possibility for the people.</li> <li>By utilizing the special programs and funds for the coastal zone Narail district could be developed in very short time.</li> <li>The natural environment of the Narail district is changing. Some of the environmental problems are – dying and silting up of rivers and canals, decline in river and fresh water flow, reduction in fisheries resources and biodiversity, natural disasters, etc.</li> <li>Narail is heavily influenced by rivers (Chitra, Kajla and Modhumoti). But the river resources are declining for many reasons. The fish fries, especially <i>jatka</i>,</li> </ul>		

District	Narail
	<p>and mother fish are caught indiscriminately by using 'current Jal'. Measures should be taken to stop this.</p> <ul style="list-style-type: none"> <li>• 'Pious will' of the people is a must.</li> <li>• Issues like, health and sanitation, law and order, social security, forest and environment management should also be mentioned in the CDS.</li> <li>• Most importantly the coastal policy and strategy should be backed up by proper legal measures.</li> <li>• If there is no law and change in the mandate then ensuring departmental coordination will be a hard task.</li> <li>• Regulators and sluice gates constructed by BWDB are not fully operative due to lack of sufficient budget allocation.</li> <li>• During planning of new infrastructures multi-purpose uses for aquaculture and farming should be considered.</li> <li>• Coordinated efforts are necessary for the rehabilitation for the people who are affected adversely by river erosion.</li> <li>• Water resources management through river excavation and river erosion protection is very much important for the people of Narail.</li> <li>• Corruption can destroy all the good initiatives. Ensuring of accountability is very important.</li> <li>• Participatory problem and opportunity identification is important.</li> <li>• It is essential for establishment of a Weather Forecast Center and an Earthquake Prediction Center in Narail.</li> <li>• Necessary training is needed for the people of Narail for disaster preparedness.</li> <li>• People's participatory water management project is necessary.</li> <li>• Projects to tackle the climate change impact should be taken up.</li> <li>• "Save Sundarbans" should be highlighted in the coastal development strategies.</li> <li>• Scarcity of sweet water is now a major problem due to huge portion of sweet water from the ground is used for irrigation. The groundwater level is lowering due to this reason.</li> <li>• The arsenic problem is also created and accelerated by man. Most of the tube-wells of Narail are now affected with arsenic, like, Kalia – 72%, Lohagara – 47%, Narail Sadar – 21%. The alternatives like PSF, rainwater harvesting is not durable. Sustainable surface water utilization technique has to be developed.</li> <li>• Fish Sanctuary should be created to protect indigenous fish species.</li> <li>• Motivation of the local people is necessary for the successful implementation of the CDS. MoWR can think of supporting local level organizations to motivate people.</li> <li>• Coastal land zoning in integrated way is important.</li> <li>• Make the grass root people aware of the need of conservation of environment.</li> <li>• Prepare and plan prevention measures for future attack of Tsunami.</li> <li>• Employment generation by creating alternative opportunities.</li> <li>• We have no plan for the farmers who become unemployed due to shrimp farming. Strategies are needed for them.</li> <li>• Law enforcement is very important for the coastal development.</li> <li>• Newly planned South-West Integrated Water Management Plan should be integrated with the CDS.</li> </ul>

### Comments and recommendations

#### **Md. Khorshed Alam, Chief Executive Officer, District Council:**

Chitra River is the main asset of the district. But the river is not properly managed and conserved. If the river resources were utilized sustainably then the people of Narail would have been prosper much. The inclusion of Narail in the coastal districts offers a possibility for the people. The road

communication with Dhaka is very good and the people are hardworking. So by utilizing the special programs and funds for the coastal zone this district could be developed in very short time.

**Md. Nuruddin Ahmed, Deputy Commissioner, Narail:**

The coastal environment is different from the rest of the country. The natural environment of the Narail district is changing. Some of the environmental problems are – dying and silting up of rivers and canals, decline in river and fresh water flow, reduction in fisheries resources and biodiversity, natural disasters, etc. Narail is heavily influenced by rivers (Chitra, Kajla and Modhumoti). But the river resources are declining for many reasons. The fish fries, especially *jatka*, and mother fish are caught indiscriminately by using ‘current net’. Measures should be taken to stop this. ‘Pious will’ of the people is a must. Mentioning only livelihood options in CDS is not sufficient; issues of health and sanitation, law and order, social security, forest and environment management should also be mentioned. Most importantly the coastal policy and strategy should be backed up by proper legal measures.

**Md. Didarul Alam, Executive Engineer, BWDB:**

It is not clear from the presentations that how to integrate the activities of different departments in the ICZMP project? Will there be any special budget? If there is no law and change in the mandate then ensuring departmental coordination will be a hard task. The salinity problem in *Noboganga* River is very high. From the month of March, salinity starts rising. The existing water management infrastructures are not adequate to prevent saline water intrusion. Regulators and sluice gates constructed by BWDB are not fully operative due to lack of sufficient budget allocation. Moreover, physical infrastructures are needed for this district for protection from continuous river erosion. During planning of new infrastructures multi-purpose uses for aquaculture and farming should be considered. Coordinated efforts are necessary for the rehabilitation of river erosion victims.

**Md. Shamsur Rahman, Upazila Rural Development Officer, BRDB:**

Why Narail is in the coastal zone is not clear. How the budget for the proposed programs shall be managed. *Nabaganga* River is getting dried up, which would be very much disastrous for the environment. Water resources management through river excavation and protection from river erosion is very much important for the people of Narail. But it is not mentioned in the CDS.

**Mr. Kartik Das, President, Narail Press Club and District Correspondent, Prothom Alo:**

Corruption can destroy all the good initiatives. Ensuring accountability is very important. Many times the projects and development activities are harmful to each other. So participatory problem and opportunity identification is important. Moreover, the projects are not fully executed. A major portion of budget is utilized for other purposes. It is essential for establishment of a Weather Forecast Center and an Earthquake Prediction Center in Narail. Necessary training is needed for the people of Narail for disaster preparedness. People’s participatory water management project is necessary.

**Mr. Shanjit Kumar Das, Assistant Director, Youth Development Department:**

Bangladesh is in grave danger of climate change. Ice in the Himalayan region is melting and the consequences shall affect Bangladesh directly. For instance, in the Jamuna River, due to sudden increase in water level, 7000 acre of land got submerged. The existing water management infrastructures are inadequate to tackle the situation. And it seems that we are least prepared for the climate change.

The Sundarban is the treasure of the region. But the forest is degrading. There is no big tree in the forest now. Moreover, the patches of forests are now burned out. So the strategies should highlight on “Save Sundarbans”.

**Md. Siddiqui Rahman, Sub-Asstt Engineer, DPHE:**

Scarcity of sweet water is now a major problem, because, huge portion of sweet water from the ground is now used for irrigation. The groundwater level is lowering due to this reason. The arsenic problem is also created and accelerated by man. Most of the tube-wells of Narail are now affected with arsenic, like, Kalia – 72%, Lohagara – 47%, Narail Sadar – 21%. The alternatives like PSF, rainwater harvesting are not durable. Sustainable surface water utilization technique has to be developed.

**Advocate Md. Alamgir Siddique, Editor, Daily Ocean:**

Road communication and transportation system is under developed in Narail. Due to char in Kaliya and Kalnaghat, the ferry transportation becomes more and more difficult.

**Md. Iliasur Rahman, Deputy Director, Department of Social Services:**

Fish Sanctuary should be created to protect indigenous fish species. Motivation of the local people is necessary for the successful implementation of the CDS. MoWR can think of supporting local level organizations to motivate people.

**Ms. Afroza Akter, Acting Head Mistress, Narail Govt. Girls High School:**

Protection of the environment, climate change preparedness, coastal land zoning in integrated way, make the grass root people aware of the need of conservation of environment, prepare and plan prevention measures for future attack of Tsunami, employment generation should be included in the CDS as its important actions.

**Md. Abdul Hannan, Asstt. Engineer, BWDB:**

Unplanned shrimp cultivation creates adverse impact on the environment. Hundreds of people are now collecting shrimp fry, which is harmful for fisheries resources. In the rivers of Narail no *Kamot* is now seen, which is the reflection of biodiversity decline. We have no plan for the farmers who now become unemployed due to shrimp farming. Strategies are needed for them.

**Md. Khorshed Alam, Chief Executive Officer, District Council:**

Law enforcement is very important for the coastal development.

**Mr. Abul Kalam Azad, Additional Deputy Commissioner:**

Newly planned South-West Integrated Water Management Plan should be integrated with the CDS.

**Priority Actions**

SlNo.	Items	Rating
<b>Safeguarding the availability of fresh water with regionalized water management</b>		
1	Water management and rural development in Greater Noakhali (GN) area	
2	Action to mitigate drainage problems in Khulna region	6
3	Integrated management of coastal water infrastructure (Polders)	3
4	The development of an effective system of groundwater management	10
5	Strengthening sanitation and safe water supply programs in arsenic & salinity affected areas	10
<b>Optimizing use of coastal lands</b>		
6	Accreted land development and settlement: development of a sustainable process	4
7	Land use zoning for efficient use & management of land resources	1
8	Development of coastal agriculture	1
<b>Promoting economic growth emphasizing rural non-farm employment</b>		
9	Small and medium enterprise development on selected coastal trades	3
10	Development & employment generation through tourism	5
<b>Sustainable and equitable management of natural resources</b>		

SLNo.	Items	Rating
11	Promotion and extension of environmental and socially responsive shrimp farming	1
12	Introduction and expansion of solar, tidal & wind energy in the remote coastal areas	3
13	Marine and coastal fisheries development program	2
<b>Environmental conservation</b>		
14	Completing and maintaining sea dykes as first level of defense against sea level rise	11
15	Strengthening of Coast Guard program for the improvement of peoples security and environmental conservation	
<b>Improving livelihood conditions of people, specially women</b>		
16	Enhancement of livelihoods in chars and islands	3
17	Integrated development of remotely located island	
18	Capacity building and skill development of female fish processors	4
19	Comprehensive rehabilitation program for erosion victims	5
20	Reduction of severe vulnerability through multi-purpose cyclone shelters - including coping mechanism	1
21	Veterinary services by private practitioners	
<b>Empowering through knowledge management</b>		
22	Knowledge management and dissemination	4
23	Regional and other framework studies	
24	Capacity building and training	5
<b>Creating an enabling institutional environment</b>		
25	Operationalization of a Program Co-ordination Unit (PCU) at national level	1
26	Operationalization of an institutional and co-ordination mechanism involving local government at district level for the purpose of implementation	7
27	Supporting initiatives by LGIs, NGOs and media in coastal management	2
28	Empowerment through training of women members of UPs and Pourashavas	5
29	Establishment of IT supported model Unions in sea facing upazilas	
30	Excavation/re-excavation of river, canal, and ponds for ensuring water supply for agriculture and safe water for drinking	18

### List of Participants

Sl.	Name	Designation	Organization	Address	Phone/Fax/Email
1.	Khandkar Al Shams	Rupganj Correspondent	Gramer Kagaj	Narail	
2.	Md. Ersadul Wazin	District Correspondent	Daily Gramer Kagaj	Narail	0172948511
3.	Bipul Kumar Das	Organizer	Jagorani Chakra Foundation	Kalia, Narail	
4.	Md. Golam Hossain	Deputy Director	Agriculture Extension Department	Rupganj, Narail	62423/0481
5.	Farhad Khan	District Reporter	Daily Naya Diganto	Maruf Computer, Kendrio Masjid Sarak, Narail	0176472012
6.	Md. Mansur Ali	Forest Ranger	Forest Department	Forest Department, Social Forestry Centre, Narail	
7.	Md. Faridul Islam	Branch Accountant	Jagorani Chakra Foundation	Vaduli Danga, Narail	
8.	Subrata Ghosh	Organizer	Jagorani Chakra Foundation	Vaduli Danga, Narail	
9.	Md. Riaz Uddin Khan	Branch Manager	Jagorani Chakra Foundation	Vaduli Danga, Narail	
10.	Md. Golam Mostofa	Acting Asstt. Coordinator	Jagorani Chakra Foundation	Vaduli Danga, Narail	0172172289
11.	Pran Gobinda Nandi	District Primary Education Officer	District Primary Education Office	District Primary Education Office, Narail	0481-62570
12.	Md. Shamsur Rahman	Upazila Rural Development Officer	BRDB	BRDB, Narail Sadar, Narail	
13.	Joydeb Kumar Paul	Aquaculture Extension Officer	District Fisheries Office	Aquaculture Extension Officer, District Fisheries Office, Narail	62033 <a href="mailto:joydeb-bd01@yahoo.com">joydeb-bd01@yahoo.com</a>
14.	Md. Akram Hossain	S.A.E/S.O.	Bangladesh Water	Narail O&M Division, BWDB,	0171130009

Sl.	Name	Designation	Organization	Address	Phone/Fax/Email
			Development Board	Narail	
15.	David Adhikary	Coordinator	Ashar Alo Mohila Unnayan Sangstha	Bhawakhali, Ratonganj, Narail	62915 0171486195, 0176872668
16.	Afroza Akter	Acting Head Master	Narail Govt. Girls High School	Narail Govt. Girls High School, Narail	62324, 62325
17.	Md. Iliasur Rahman	Deputy Director	Department of Social Services	Narail	62701
18.	Md. Siddiqur Rahman	Sub-Asstt. Engineer	DPHE	Narail	62348
19.	Md. Didarul Alam	Executive Engineer	Bangladesh Water Development Board	Narail O&M Division, BWDB, Narail	62772
20.	Dr. Swapan Roy	Medical Officer	Civil Surgeon's Office	Narail	0481-62422
21.	Bhanta Sarkar	District Correspondent, The Bangladesh Observer, Narail	Member, Narail Press Club	Vill: Betbaria PO: Ratonganj, Narail	62249 Request
22.	Md. Abdul Hannan	Asstt. Engineer	Bangladesh Water Development Board	Narail O&M Division BWDB, Narail	0171310413, 62772
23.	Md. Khorshed Alam	Chief Executive Officer	District Council, Narail	District Council, Narail	62530
24.	Md. Shamimul Islam	Accountant	Esho Samaj Gori	Masimdia, Raton Ganj, Narail	01711065351
25.	M Munir Chowdhury	Narail Correspondent	NTV	Chawdhury Bari, Shahid Mujib Sarak, Narail	62547; 0172573290 <a href="mailto:newsroom@ntvbd.com">newsroom@ntvbd.com</a>
26.	Tarek Alam	General Secretary and District Correspondent	Narail Press Club and Daily Amar Desh	Rizia Manjil, Mahish Khola, Narail	62953 (O), 62452 (R) 0172908677
27.	Gobinda Kundu	Secretary	Narail Press Club	Narail Press Club, Ratonganj, Narail- 7501	62699
28.	Kartik Das	President and District Correspondent	Narail Press Club and Prothom Alo	Narail Press Club, Ratonganj, Narail- 7501	62445/0171786246
29.	Kohinur Akter	Nirbahi Director	Narail Nari Unnayan Sangstha	Uttar Kurigram, Ratonganj, Narail	62956 <a href="mailto:nnus@yahoo.com">nnus@yahoo.com</a>
30.	Salma Zaman Rita	Director	Chandon Kanon	Vill: Mohishkhola, PO: Narail Narail	0176385657
31.	Md. Abdus Sabur	District Education Officer	District Education Office	Secondary and Higher Education Education Department, Narail	62326
32.	Md. Shafiqul Islam	District Coordinator	Jatio mohila Sangstha, Narail	Mahishkhola, Narail	017298473; 0176360459
33.	Shanjit Kumar Das	Assistant Director	Youth Development Department	Mahishkhola, Narail	62686
34.	Advocate Md. Alamgir Siddique	Editor, Daily Ocean	Lawyers' Association	Masimdia, Ratonganj, Narail	0171988133 62231
35.	Md. Nuruddin Ahmed	Deputy Commissioner	Office of the Deputy Commissioner	Office of the Deputy Commissioner, Narail	62301 (O), 62302 (R)
36.	Abul Kalam Azad	Additional Deputy Commissioner	Office of the Deputy Commissioner	Office of the Deputy Commissioner, Narail	62597 0171735609





NOAKHALI

22 March 2005



## Introduction

The meeting started at 10:20 having Mr. Abul Hasanath Md. Latiful Kabir, Upazila Nirbahi Officer of Noakhali Sadar Upazila in the chair. In his opening remarks the chair of the meeting described the problems of the Coastal Zone unlike other parts of the country. He expressed his hope that a comprehensive Coastal Development Strategy would be formulated through this consultation. He further wishes that this CDS would contribute in mainstreaming development of coastal zone. Then the chair requested the participants to introduce themselves.

Mr. Mohiuddin Ahmad of PDO-ICZMP then briefly described the program of the meeting.

The chair of the meeting then invited the WARPO representatives to make presentations. Kazi Rezaul Karim, SSO, WARPO made a presentation that describes overview of ICZMP project (Objectives, outputs and current activities). Mr. Mohiuddin Ahmed, CO-Team leader, PDO-ICZMP presented the draft Coastal Development Strategy (CDS). Both the presenters used multi media power point.

At this point the participants took a team break for 30 minutes.

After the tea break the chair of the meeting invited the participants to take active part in open discussions on CDS. Mr. Mohiuddin Ahmed played the role of moderator in the open discussion. All the participants took part in discussions.

Then the moderator requested each of all participants to select five 'priority actions', on the basis of overall contexts of Noakhali district, from the proposed list of 29 actions, which were displayed in the meeting room in flip charts. Each of all the participants selected five 'priority actions', using color tip. The participants suggested some actions, which were beyond the listed 29 items.

Mr. Mohiuddin Ahmad concluded the discussion part informing the meeting that all the suggested actions made by the participants that were beyond the listed 29 would be incorporated in the final Coastal Development Strategy after scrutiny.

The chair of the meeting then concluded the meeting giving thanks to the participants and the PDO-ICZMP/WARPO.

Lunch was then served among the participants.

## Summary of Meeting

<b>District</b>	<b>Noakhali</b>		
<b>Date</b>	22 March 2005		
<b>Venue</b>	BRDB Conference Room, Noakhali		
<b>Starting time</b>	10:20 am		
<b>Closing time</b>	13:00 pm		
<b>Chair</b>	Mr. Abul Hasanath Md. Latiful Kabir, Upazila Nirbahi Officer, Noakhali Sadar Upazila		
<b>WARPO/PDO team</b>	Mr. Mohiuddin Ahmed, Mr. Kazi Rezaul Karim, Mohammad Showkat Osman, Ms. Nahid Sultana		
<b>Summary of participants</b>	Both sex	Female	Participating Organisations
<b>Total</b>	36	7	
Government Agency	11	2	UNO Office, Department of Livestock, Bangladesh Rural Development Board, Department of Fisheries, Bangladesh Shishu Academy, Forest Department, Department of Agriculture Extension, Department of Youth Development, Department of Primary Education.
Local Government	3	1	Union Parishad
NGOs	5	2	NRDS, Nari Adhikar Jot, REMOLD, Gharoni Mohila Unnayan

District	Noakhali		
			Sangstha.
Civil Society	5	2	Judge Court Noakhali, Sonapur Degree College, Laxminarayanpur Pouro Model Govt. Primary School
Mass Media	10	0	Daily Prothom Alo, Daily Aamaar Desh, The New Nation, Banglabazar Potrika, ATN Bangla, Daily Janokantha, Daily Sangram, MMC, Daily Bhorer Kagoj.
Private Sector			
Others/Projects	2	0	DPHE-DANIDA WATSAN component, CDSP-II
<b>Summary of comments and suggestions from the participants</b>	<ul style="list-style-type: none"> <li>• Land management and settlement in char area (newly accreted land) should be done according to Government laws.</li> <li>• Shrimp culture should be human friendly as well as environmental friendly.</li> <li>• Details about management of ground water should be included in the CDS.</li> <li>• Use of surface water and rainwater harvesting should be encouraged.</li> <li>• Re-excavation of canal/rivers is needed.</li> <li>• Noakhali has great potentials for tourism industry.</li> <li>• Green belt program must be given highest priority.</li> <li>• A river research institute should be established in Noakhali.</li> <li>• Water of most of the tube-wells of Noakhali is contaminated by Arsenic.</li> <li>• Continuation of education program must be ensured.</li> <li>• Preservation of ponds for arsenic-free water should be taken into account.</li> <li>• Water logging is the major problem of Noakhali.</li> <li>• <i>Mehogeni</i> and <i>Eucalyptus</i> trees are found harmful to the soil.</li> <li>• Developing Pasture is needed for livestock development.</li> <li>• Consultations (referring to CDS consultation) are a positive step towards involvement of local level stakeholders in the planning phase of the project.</li> <li>• Embankments are the main causes of water logging.</li> <li>• Shrimp culture should be banned in Noakhali.</li> <li>• Irrigation project (North-west Irrigation Project) is needed in Noakhali.</li> <li>• Conflict between the govt. agencies must be resolved.</li> <li>• Different cropping pattern should be introduced for optimum utilization of land.</li> <li>• Unplanned settlement, construction of roads, embankments must be prohibited.</li> <li>• Noakhali has potentials for growing wheat.</li> <li>• It must be ensured that there is no impact of govt. change in CDS.</li> </ul>		

#### Comments and recommendations:

##### **M.A. Latif (CDSP-II):**

Land management and settlement in char area, mainly in newly accreted land, should be done according to Government laws. Shrimp culture should be human friendly as well as environmental friendly.

##### **Engr. Imtiazul Haque (DPHE-DANIDA WATSAN Component):**

Details about management of ground water should be included in the CDS. Use of surface water and rainwater harvesting should be encouraged in CDS.

##### **Shireen Akter (Nari Adhiker Jot):**

How will the rights of the women be ensured? Is it through micro credit or something else? Aspect of women empowerment and their rights need to be included in CDS.

##### **Golam Akbar (Advocate, Judge Court):**

'Noakhali Khal' must be re-excavated in order to improve water management and development of agriculture. Long term (50 years) program should be taken to establish *Subarna Char*, Nijhum Dwip

and Hatia as tourist spots. The activities, which are destroying the forest resources, must be prohibited to conserve natural eco-system. Green belt program must be given highest priority to protect people and their assets from cyclone. A river research institute should be established in Noakhali considering the fact that Noakhali is situated near Meghna estuary.

**Rowshan Akter Lucky (5 No. Binodpur UP):**

Supply of arsenic free water is mentioned in the CDS. Almost every tube-well of Noakhali is contaminated by arsenic. How to ensure supply of arsenic-free water to the people?

**Hasina Akhtear (Laxminarayanpur Pouro Model Govt. Primary School):**

Many education programs were taken earlier but failed due to non-cooperation of local people and interruptions by powerful people. Actions are needed to improve the conditions of education.

**Md. Mahmudul Haque Foez (Journalist):**

Most of the projects of our country are influenced by the donors, not by the local people; as per my concern this project is like one of them. Local people need to be consulted in planning process of any project.

In the CDS, management of groundwater is mentioned, but preservation of ponds for arsenic-free water is missing. Aspects of land management are not detailed. Instead of agriculture, emphasis is given to shrimp culture in recent days, which is critical for our environment. Only the rich people are benefited from shrimp, general farmers are converted to land-slaves. Re-excavation of 'Noakhali Khal' is needed. Silt, brought by tidal waves, has closed the mouth of the river that causing water logging, the major problem of Nakhali. Immediate solutions to this problem have to find out. Some parts of Noakhali have only one crop in a year; new variety should be introduced to use this land throughout the year.

Forest department planted Mehogoni and Eucalyptus under afforestation program, but these are found harmful to the soil. Local trees like coconut tree can be planted under this program. "Bangla Kala", a local variety of banana, is popular throughout Noakhali, production of this variety should be encouraged. Facilities for tourist must be increased for development of tourism. Local people might not like the activities of the foreign tourists. In that case, one of the islands around Nijhum Dwip could be developed, especially for the foreign tourists. Forest department has destroyed the grazing ground that was crucial for cattle rearing; this ground must be used for developing pasture.

Encouraging shrimp culture and ensuring supply of saline-free water in CDS is contradictory.

This type of consultation (referring to CDS regional level consultation) is a positive step towards involving local level stakeholders in the planning phase of project.

Embankments, built for water management, are the main causes of water logging in Noakhali. As an affect of the embankments outer portion of the district became higher, due to siltation, than the middle portion, which is causing water logging.

An irrigation project (North-west Irrigation Project) is needed here.

**Kazi Md. Mansurul Haque Khasru (Noakhali Bar):**

In the CDS (referring to the list of 29 proposed project), it is not mentioned which projects are for Noakhali.

He strongly opposed shrimp culture and fish processing plant in Noakhali.

**Mohiuddin Ahmed (PDO-ICZMP):**

This list of 29 projects are prepared for the whole coastal zone through national and regional level consultations and consultations with the experts. You can select any project from this list you think needed for Noakhali or you can propose new projects.

In the past foreign experts provided blue print for our development projects but now we are independently preparing/planning our own development projects and this process will continue.

**Kamal Uddin Ahmed (Daily Janokantho):**

Coastal Green belt ensures protection against natural disaster, which was experienced in the cyclone of 1985,1991 and 1994. During the cyclone of 1985, Urir Char was devastated as there was no forestation program, but damages were minimum in Char Clark due to having the Green belt.

Sea dykes and interior dykes built by BWDB to prevent seawater intrusion have changed the environment of Hatia. As a result production of paddy has been decreased, coconut trees are destroyed, fish species are deteriorated.

Conflict within the govt. agencies must be resolved in order to speed up the development process. Inter-agency co-ordination is needed.

**Md. Abdus Sattar (BRDB):**

Different cropping patterns should be introduced towards optimum utilization of land. Steps like re-excavation of Khals, installation of Rubber Dam should be taken up to improve the drainage system. Project like Meghna-Dhanagoda Irrigation Project could be taken up for Noakhali. Char lands should be distributed among the landless people.

**M. Salah Uddin (Bangla Bazar Patrika):**

Fish culture could be done in the re-excavated khals. Employment opportunity could be created by afforestation program. Land must be distributed among the real landless people. Shrimp culture should be done environmental friendly.

**Prof. Belayet Hossain (Chairman, Asanullah Union Parishad):**

Representatives from Education Department and Power Development Board should be involved in this process. Shrimp culture should be prohibited in Noakhali.

**AZM Hasanur Rahman (Forest Department):**

Few more issues should be addressed in the CDS, like environmental issues, issues of Nijhum Dwip, issues of conservation of wild life, issues of distribution/utilization of newly accreted land, etc.

**M. Salah Uddin (The Daily Bangla Bazar Patrika):**

Unplanned settlements, construction of roads and embankments must be prohibited.

**Md. Abul Bashir (Sonapur Degree Collage):**

Coastal development should be done in such a way that development of rest of the country is not hampered. Nijhum Dwip should be declared as exclusive tourist zone. Law and order situation must be improved for the development of coastal zone.

**Bijon Sen (The Daily Bhorer Kagaj):**

Emphasis should be given on social stability. The main reasons of social instability in the coastal zone are child-marriage, polygamy, and dowry payment system. Birth rate is high in coastal zone; intensive awareness program should be taken to inform people about different birth control methods. Settlements should be done in planned way. CDSP is trying but the result is not that much

satisfactory; long-term program must be taken. Noakhali has high potential wheat. Management of groundwater should get high priority for Noakhali. There are no grazing grounds in Noakhali; active livestock management is required. Representation of local government in the CDS must be ensured. Marriage registration should be brought under the jurisdiction of local government.

It must be ensured that there is no impact of change of government on the Coastal Development Strategy.

#### **Vote of Thanks from Mohiuddin Ahmad (PDO-ICZMP):**

“Thanks to all of you on the behalf of WARPO/PDO-ICZMP team for attending the meeting and made the meeting a successful one by contributing your valuable comments and suggestion. Thanks to NRDS, the facilitating NGO, for their help.”

#### **Priority Actions**

<b>SN.</b>	<b>Items</b>	<b>Rating</b>
<b>Safeguarding the availability of fresh water with regionalized water management</b>		
1	Water management and rural development in Greater Noakhali (GN) area	14
2	Action to mitigate drainage problems in Khulna region	
3	Integrated management of coastal water infrastructure (Polders)	2
4	The development of an effective system of groundwater management	5
5	Strengthening sanitation and safe water supply programs in arsenic & salinity affected areas	10
<b>Optimizing use of coastal lands</b>		
6	Accreted land development and settlement: development of a sustainable process	8
7	Land use zoning for efficient use & management of land resources	1
8	Development of coastal agriculture	5
<b>Promoting economic growth emphasizing rural non-farm employment</b>		
9	Small and medium enterprise development on selected coastal trades	9
10	Development & employment generation through tourism	7
<b>Sustainable and equitable management of natural resources</b>		
11	Promotion and extension of environmental and socially responsive shrimp farming	5
12	Introduction and expansion of solar, tidal & wind energy in the remote coastal areas	2
13	Marine and coastal fisheries development program	5
<b>Environmental conservation</b>		
14	Completing and maintaining sea dykes as first level of defense against sea level rise	3
15	Strengthening of Coast Guard program for the improvement of peoples security and environmental conservation	1
<b>Improving livelihood conditions of people, specially women</b>		
16	Enhancement of livelihoods in chars and islands	12
17	Integrated development of remotely located island	5
18	Capacity building and skill development of female fish processors	6
19	Comprehensive rehabilitation program for erosion victims	7
20	Reduction of severe vulnerability through multi-purpose cyclone shelters - including coping mechanism	1
21	Veterinary services by private practitioners	2
<b>Empowering through knowledge management</b>		
22	Knowledge management and dissemination	3
23	Regional and other framework studies	
24	Capacity building and training	5
<b>Creating an enabling institutional environment</b>		
25	Operationalization of a Program Co-ordination Unit (PCU) at national level	
26	Operationalization of an institutional and co-ordination mechanism involving local government at district level for the purpose of implementation	6
27	Supporting initiatives by LGIs, NGOs and media in coastal management	4
28	Empowerment through training of women members of UPs and Pourashavas	5
29	Establishment of IT supported model Unions in sea facing upazilas	6

## List of Participants

Sl.	Name	Designation	Organization	Address	Phone/Fax/Email
1.	Abul Hasanath Md. Latiful Kabir	Upazila Nirbahi Officer		Upazila Nirbahi Officer's Office Sadar, Noakhali	61095 (O); 61096 (R)
2.	Dr. Md. Abdul Malek	District Livestock Officer	Livestock Department	District Livestock Office, Majideecourt, Noakhali	0321-61284
3.	Kazi Md. Mansurul Haque Khasru	Advocate	Noakhali Bar	Road No. 01, House No 10, Ward No 02, Masterpara Maizdi bazar, Noakhali-3800	0321-61759 0172170741 (mobl)
4.	Md. Mahmudul Haque Foze	Journalist		Old Hospital Road, Maizdi Coart, Noakhali-3800	0321-61470; 0171-223399, <a href="mailto:mhfoez@btb.net.bd">mhfoez@btb.net.bd</a>
5.	Md. Abdus Sattar	Deputy Director	Bangladesh Rural Development Board	North Fakir, Maizdi, Noakhali Deistrict Office	0321-62241
6.	Md. Shahjahan	Asstt. Rural Develop. Officer	BRDB	North Fakir, Maizdi, Noakhali Deistrict Office	0321-62241
7.	Bijon Sen	Dist. Correspondent	Daily Bhorer Kagaj	Road No. 31, House No 3, Maizdi Housing Estate, Maizdi Court, Noakhali	0321-61476; 0171-181245
8.	Shahidul Islam Mukul	Program associated	NRDS	NRDS, Maizdi Housing Estate, Noakhali	0172-752694 <a href="mailto:mukulbd@gmail.com">mukulbd@gmail.com</a>
9.	Kalpona Rani Das	Advocate	Noakhali Bar	Nayon Moni Bhaban, Debalay Road, Vill: Guptank, Maizdi Court, Noakhali	0189876748
10.	Abu Naser Manju	District Representative	Mass Line Media Centre News Agency, BD News	Housing Easted, Maizdi Court, Noakhali	61666: 0172-101664; 0188412916
11.	MA Latif	Senior Socio-economic Adviser	Char Development and Settlement Project-II	BWDB Compound, Sonapur, Maizdi, Noakhali	61428, <a href="mailto:cdsp@btb.net.bd">cdsp@btb.net.bd</a>
12.	Md. Nazrul Islam	District Fisheries Officer, Noakhali	Department of Fisheries	District Fisheries Department, Noakhali	0321-61681
13.	Md. Borhanuddin	District Correspondent	Daily Sangram	Manabkallayan Majlish Maizdi Court, Noakhali	0189876774, 011133687
14.	Manir Ahmed	Chairman	19 no. Char Wapda Union Parishad	Guptangka, Maizdi court, Noakhali	63236; 0171-176139
15.	Prof. Belayet Hossain	Chairman	Asanullah Union Parishad	PO: Char Bata, Thana: Char Jobbar, Upazila: Sadar, Noakhali	0171704334
16.	Fauzi Sultana	District Children Affairs Officer	Bangladesh Shishu Academy	Noakhali District Branch, Circuit House Road, Noakhali	61223
17.	AZM Hasanur Rahman	Asstt. Forest Conservator	Coastal Forest Department	Maizdi Noakhali	61106; fax: 63364
18.	Kamal Uddin Ahmed	Staff Reporter, Noakhali	Daily Janokantho	Station Road, Maizdi Court, Noakhali	0321-61622/0171-888434 fax: 61622
19.	Engr. Imtiazul Hauqe	Acting Component Adviser	DPHE-DANIDA Water Supply & Sanitation Component	DPHE Building P.O. Box: 17 Maizdi Noakhali	0321-61107, 61152, 61486 fax: 0321-61242 <a href="mailto:pmunoa@btb.net.bd">pmunoa@btb.net.bd</a>
20.	Shireen Akter	President	Nari Adhiker Jote	Sattar Monjil, House No. 10, Road No. 1, Ward No. 2, Masterpara, Maizdi bazar, Noakhali	61759 (R), 0172297969, 61712 college
21.	Rowshan Akter Lucky	UP Member	5 No. Binodpur UP	C/O, Mafizur Rahman Constable's house, Vill: Lalpur, PO: Sonapur, Upazila: Sadar, Dist: Noakhali	
22.	Bikash Sarker	Noakhali Correspondent	The New Nation	C/O - Sonali Cloth Store, Main Road, Majidee Court, Noakhali	0321-62136 (R) 0172196787
23.	Fuad Hossain	Noakhali Correspondent	ATN Bangla	7 No Poura Bhaban, Naiya New Office, Maizdi court, Noakhali	0321-61971 (H) 0172267255
24.	Md. Humayun Kabir	Plant Protection Specialist	Department of Agriculture Extension	Maizdee Court, Noakhali	0320-62331
25.	M Salah Uddin	Journalist	Bangla Bazar Patrika	Rabin House, Noakhali Mouza PO: Pak Kishorganj Sadar, Noakhali	62652; 0172770735
26.	Monu Gupta	Representative	REMOLD	Uzzalpur, Majidee court, Main Road, Noakhali-3800	0321-62785 <a href="mailto:remold@btb.net.bd">remold@btb.net.bd</a>
27.	Md. Abul Basar	Principal (acting)	Sonapur Degree College	Sonapur, Noakhali	62202 College; 62270 (R)
28.	Md. Nurul Amin	District Representative	The Daily Star, Daily Amardesh	1, Jame Mosjeed Market, Circuite Road, Mail Sarak, Majidee court,	0321-61341; 0171784664

Sl.	Name	Designation	Organization	Address	Phone/Fax/Email
				Noakhali	
29.	Golam Akbar	Advocate	Member Secretary, Manobadhikar Jote	Judge Court, Noakhali	018969881
30.	Mrs. Arati Rani Das	A.D.E.O (N)		Noakhali Education Office Po: Noakhali, Noakhali	61346
31.	Hasina Akther	Asstt Teacher		Laxminarayanpur Pouro Model Govt. Primary School, Sadar, Noakhali	0172681914
32.	Md. Sujat Ali	Sr. Instructor	Youth Development Department, Noakhali	Deputy Director's Office, Majdee bazar Noakhali	61051, 62451; 0188084531
33.	Shamsul Hsan Miron	District Correspondent	Prothom Alo	Fakirpur Road, Majdee Court, Noakhali	0321-61647; 0171181383 fax: 032162688
34.	Md. Kamal Hossain Masud	Organizing Secretary	Gharani Mohila Unnayan Sangstha	Majdee Bazar Main Road, Noakhali	61127
35.	Md. Abdul Quadir	D.P.E.O	Education	Noakhali	61278
36.	Monoara Akhter Minu	Program Officer	NRDS	Housing Estate, Majdee Court, Noakhali	0176615283



BHOLA

23 March 2005



## Introduction

The consultation meeting started with Mr. Muhammad Abdul Mannan, Deputy Commissioner, Bhola in the Chair. Mr. Abu M Kamal Uddin, Senior National Expert, PDO-ICZMP and Dr. Aminul Hoque, Scientific Officer, WARPO were present as special guests. Mr. Shams-Ul- Alam Mithu of the Facilitating NGO MMC welcomed the guests and the participants. Then the chair of the meeting requested the participants to introduce by themselves. After that the Deputy Commissioner gave his opening speech.

Dr. Aminul Hoque of WARPO made a presentation on ICZMP project and Mr. Abu M Kamal Uddin of PDO-ICZMP presented the draft Coastal Development Strategy in the meeting. After the presentations a tea break was given. After the break the participants were invited to participate in open discussions. The participants made comments, expressed concerns about CDS, and put recommendations on priority actions for CDS. Mr. Abu M Kamal Uddin and Dr. Aminul Hoque moderated the session. Md. Sayed Iftekhar, Research Officer, PDO-ICZMP and Mr. Sayeedur Rahman, Scientific Officer, WARPO took notes on comments and recommendations. At the later part of the meeting each of all participants prioritized five 'priority actions' for CDS, among from 29 proposed actions, which were listed in the flip chart. The participants were also asked to make recommendations as priority actions beyond these 29 items, if they had any.

## Summary of Meeting

<b>District</b>	<b>Bhola</b>		
<b>Date of consultation</b>	23 March 2005		
<b>Venue</b>	Conference Room of Deputy Commissioner		
<b>Meeting started at</b>	10:50 am		
<b>Meeting concluded at</b>	1:45 pm		
<b>Chief guest</b>			
<b>Chair/moderator</b>	Mr. Muhammad Abdul Mannan, Deputy Commissioner, Bhola		
<b>WARPO/PDO team</b>	Mr. Abu M Kamal Uddin, Dr. Aminul Hoque, Md. Sayed Iftekhar, Mr. Sayeedur Rahman		
<b>Summary of Participants</b>	Both sex	Female	Participating organizations
<b>Total</b>	41	9	
Government agency	14		District Administration, BRDB, BWDB, DoF, DLS, DPE, FD, Jatio Mohila Sangstha, Information Department, DPHE
Local government	3	3	Bhola Pourashava
NGOs/CBOs	10	6	BASA, Anaynna Mohila Samity, Grameen Jano Unnayan Sangstha, Bhola Zila and Sahar Rakha Sangram Committee, DMKS, Angina, MAA, My Right, Mother Welfare Association
Civil society	3		Bhola Red Crescent Society, Fatema Khanom College, Charnoabad Muslim Secondary School
Mass media	11		Ajker Kagoj, Ajker Paribartan, MMC, Daily Dinkal, ATN Bangla, Bhorer Kagoj, Press Club, Daily Janokantho, Daily Jogantor, BTV, Ajker Barta, NTV, Daily Banglar Kantha, Prothom Alo
Private sector			
Others			
<b>Summary of comments and suggestions given by the participants</b>	<ul style="list-style-type: none"> <li>• Provision for the protection of river erosion and Rehabilitation of the river erosion affected people.</li> <li>• Tourism has greater potentiality in Bhola. A package program of approximately 3 days from Dhaka to Bhola may be arranged.</li> <li>• Shrimp cultivation should be environment friendly.</li> <li>• Meghna and Tetulia River should be considered as good sanctuary of Hilsha.</li> <li>• Bhola should be upgraded as 'A-grade district' by increasing number of Upazila.</li> </ul>		

District	Bhola
	<ul style="list-style-type: none"> <li>• The involvement of educated but unemployed young generation should be increased.</li> <li>• An agro-fisheries based training institute is necessary for the development of Bhola.</li> <li>• Establishment of <i>Bheduria – Laharhut</i> Launch service and improvement of <i>Ilisha – Chowdhuripara</i> Feri ghat.</li> <li>• Agro-based and gas-based industries must be established.</li> <li>• A training center is necessary for the girls and women of Bhola.</li> <li>• Ferry service between Bhola and Lakshmipur is essential.</li> <li>• Bhola is the only island district. The environment and livelihoods of the people are different than other areas.</li> <li>• Forest based eco-tourism can be developed for the district. River-based island tourism can be another attraction.</li> <li>• A large section of the people are fishers. Strategies should be elaborated how to develop the fisher community along with other sections of the society.</li> <li>• Gas resource can be used for the development of the district. Gas based industries could be set up.</li> <li>• River erosion is a grave problem for Bhola. The east and west sides of Bhola is eroding simultaneously.</li> <li>• Strategies on disasters like cyclone and earth quake management should be included in the CDS</li> <li>• Private entrepreneurs on tourism, guava cultivation, aquaculture, and shrimp cultivation should be facilitated.</li> <li>• Steps must be taken for the restriction of killing of <i>jatka</i>.</li> <li>• Agro-based industries can be facilitated. More ‘Cold storages’ are needed for the storage and preservation of agriculture products.</li> <li>• Extremely poor people are living on the embankment. They lack basic education and knowledge about sanitation and health.</li> <li>• Rehabilitation of the river erosion victims is needed.</li> <li>• Meghna and Tetulia River are considered as good habitat of Hilsha. Yearly 100 crores of taka may be earned from the Hilsha of Meghna – Tetulia.</li> <li>• Around 150 MW electricity can be generated annually by utilizing gas resources.</li> <li>• Measures should be taken for the prevention of river erosion and rehabilitation of the river erosion victim people.</li> <li>• Coastal highway may be constructed.</li> <li>• Good governance is necessary to monitor the private sectors.</li> <li>• The interaction between Bhola and other districts is very less due to lack of quality educational institutes, Medical Colleges, Universities etc.</li> <li>• Tourism has great potentiality in Bhola. A package program of approximately 3 days from Dhaka to Bhola may be arranged. The important sites may be <i>Pancha Koralia, Dhal Char, Char Kukri Mukri</i>, etc.</li> <li>• The canal inside the Bhola town has been illegally captured. It has now turned into a drain. Immediate measures are needed to recover and restore the canal.</li> <li>• The mangrove plantations are destroyed regularly. It should be stopped immediately.</li> <li>• The involvement of educated but unemployed young generation should be increased in any project.</li> <li>• A training center in the model of Gopalganj district can be established here.</li> <li>• In the district around 140,000 disabled persons are living. Number of disabled persons is very high in the whole coastal zone also. But surprisingly, in the proposed CDS nothing has been mentioned about them. Special programs for the development of the disabled persons are a demand of time.</li> <li>• The features of river erosion and the protection of river erosion victims should be highlighted in CDS.</li> <li>• Many development programs and strategies have been planned before, but we do not know what number of them has implemented.</li> <li>• Shrimp cultivation should be environment friendly. Women of the district can be</li> </ul>

District	Bhola
	<p>trained up on shrimp cultivation</p> <ul style="list-style-type: none"> <li>• To ensure to demand of internal water use rainwater harvesting can be promoted.</li> <li>• Agro-fisheries based training institute is necessary for the development of Bhola.</li> <li>• Red Crescent Society can play an important role in relief and rehabilitation of river erosion and cyclone victims.</li> <li>• Bhola still remains backwards in cultural sides. Programs can be taken for the cultural development.</li> </ul>

## Comments and recommendations

### **Mr. Muhammad Abdul Mannan, Deputy Commissioner, Bhola:**

*In his opening speech Mr. Mannan stressed on the following issues/aspects :*

Bhola is the only island district. The environment and livelihoods of the people are different than other districts.

Forest based eco-tourism can be developed for the district. River-based island tourism can be another attraction.

A large section of the people are fishers. Strategies should be elaborated how to develop the fisher community along with other sections of the society.

Gas resource can be used for the development of the district. Gas based industries could be set up.

River erosion is a grave problem for Bhola. The east and west sides of Bhola is eroding simultaneously.

Strategies for cyclone and earth quake disaster management should be included in the CDS.

Private entrepreneurs on tourism, guava cultivation, aquaculture, and shrimp cultivation should be facilitated.

### **Mr. Farid Hossain Babul, District Correspondent, Daily Prothom Alo:**

Gas based industries should be developed. Inter district communication must be improved, e.g., example

*Ro-Ro* ferry from Ilisha of Bhola to Modhuchowdhuri of Lakshmipur. Similar development techniques in different districts can help each other.

### **Mr. Muhd. Abul Fazal, Deputy Director, BRDB:**

Steps must be taken for the restriction of killing of *jatka*. Agro-based industries can be facilitated. Cold storages are needed for the storage and preservation of agriculture products. Extremely poor people are living on the embankment. They lack basic education and knowledge about sanitation and health. Rehabilitation of the river erosion victims is needed. Bheduria – Laharhut Launch service should be introduced. A training center is necessary for the girls and women.

### **Mr. Amitav Apu, District Correspondent, Daily Jugantor:**

The Ilisha – Chowdhuripara Feri ghat should be improved. Meghna and Tetulia River are considered as good habitat of Hilsha. Yearly 100 crores of taka may be earned from the Hilsha of Meghna – Tetulia. By utilizing gas resources around 150 MW electricity can be generated yearly.

**Mr. Nazrul Haque Anu, Bhola Reporter, BTV:**

Measures should be taken for the prevention of river erosion, and rehabilitation of the river erosion victims should get priority. The qualified and adept officers do not come in Bhola. So Bhola remains backwards compared to other districts. Bhola is treated as B-grade district. It should be upgraded as A-grade district by increasing one upazila at Bhola. Coastal highway may be constructed. Good governance is necessary to monitor the private sectors. The interaction of people of Bhola with other districts is very less due to lack of quality education institutes, Medical Colleges, Residential Universities, etc. Tourism has great potentiality in Bhola. A package program of approximately three days from Dhaka to Bhola may be arranged. The important sites may be *Pancha Koralia, Dhal Char, Char Kukri Mukri*, etc. The canal inside the Bhola town has been illegally captured. It has now turned into a drain. Immediate measures are needed to recover and restore the canal. The mangroves are destroyed regularly. It should be stopped immediately.

**Ms. Bilkis Jahan Munmun, President, Angina:**

The involvement of educated but unemployed young generation should be increased in any project. The women have limited employment opportunities. The girls and women need proper training. A training center should be established in Bhola.

**Mr. Muhd. Abul Fazal, Deputy Director, BRDB:**

A training center in the model of Gopalganj district can be established here.

**Mr. Sheikh Farid, Chief Executive, My Right:**

There are around 140 thousand disabled persons in Bhola. The number of disabled persons is very high in the whole coastal zone also. But surprisingly in the proposed CDS nothing has been mentioned about them. Special programs for the development of the disabled persons are a demand of time.

**Md. Abdul Hannan, Sub-divisional Engineer, BWDB:**

The features of river erosion and the protection of affected people should be highlighted in CDS.

**Ms. Nigarun Nahar Rinku, Executive Director, Bhola Association for Social Advancement:**

Many development programs and strategies have been planned before, but we do not know what number of them has implemented.

**Mr. Kartick Chandra Saha, District Fisheries Officer, Department of Fisheries:**

Shrimp cultivation should be environment friendly. Women of the district can be trained up on shrimp cultivation. Mangrove forests should be conserved properly. Meghna and Tetulia River is good habitat for fish. Cultivation of rare fishes may be done in those rivers. But strict enforcement of fishing law is needed. Fishing licensing system should be properly enforced. To meet up the need of internal water use rainwater harvesting can be promoted. Agro-fisheries based training institute is necessary for the development of Bhola.

Shrimp and fish hatcheries can be established here.

**Md. Hasan Taufiq Rehin, Secretary, Bhola Red Crescent Society:**

Red Crescent Society can play an important role in relief and rehabilitation of river erosion and cyclone victims.

**Ms. Khaleda Khanam, Chairman, Jatio Mohila Shangstha:**

A special training center for the women is necessary for Bhola district. Provision of separate examination centers for 'public examinations' is important. Bhola still remains backwards in cultural sides. Programs can be taken for the cultural development.

**Priority Actions**

SLNo.	Items	Rating
<b>Safeguarding the availability of fresh water with regionalized water management</b>		
1	Water management and rural development in Greater Noakhali (GN) area	
2	Action to mitigate drainage problems in Khulna region	
3	Integrated management of coastal water infrastructure (Polders)	
4	The development of an effective system of groundwater management	1
5	Strengthening sanitation and safe water supply programs in arsenic & salinity affected areas	2
<b>Optimizing use of coastal lands</b>		
6	Accreted land development and settlement: development of a sustainable process	1
7	Land use zoning for efficient use & management of land resources	1
8	Development of coastal agriculture	14
<b>Promoting economic growth emphasizing rural non-farm employment</b>		
9	Small and medium enterprise development on selected coastal trades	8
10	Development & employment generation through tourism	3
<b>Sustainable and equitable management of natural resources</b>		
11	Promotion and extension of environmental and socially responsive shrimp farming	2
12	Introduction and expansion of solar, tidal & wind energy in the remote coastal areas	2
13	Marine and coastal fisheries development program	
<b>Environmental conservation</b>		
14	Completing and maintaining sea dykes as first level of defense against sea level rise	3
15	Strengthening of Coast Guard program for the improvement of peoples security and environmental conservation	3
<b>Improving livelihood conditions of people, specially women</b>		
16	Enhancement of livelihoods in chars and islands	11
17	Integrated development of remotely located island	5
18	Capacity building and skill development of female fish processors	1
19	Comprehensive rehabilitation program for erosion victims	21
20	Reduction of severe vulnerability through multi-purpose cyclone shelters - including coping mechanism	
21	Veterinary services by private practitioners	1
<b>Empowering through knowledge management</b>		
22	Knowledge management and dissemination	
23	Regional and other framework studies	
24	Capacity building and training	3
<b>Creating an enabling institutional environment</b>		
25	Operationalization of a Program Co-ordination Unit (PCU) at national level	
26	Operationalization of an institutional and co-ordination mechanism involving local government at district level for the purpose of implementation	1
27	Supporting initiatives by LGIs, NGOs and media in coastal management	21
28	Empowerment through training of women members of UPs and Pourashavas	6
29	Establishment of IT supported model Unions in sea facing upazilas	5
30	Bhola develop by first class district	18
31	Establish of industry by gas	10
32	District town protection project & defense against river erosion. Establish on Bhola-Lakshmipur Ferry Service for communication network	40

## List of Participants

Sl.	Name	Designation	Organization	Address	Phone/Fax/Email
1.	Muhd. Abul Fazal	Deputy Director	BRDB	BRDB, Bhola	61643
2.	Nasir Liton	District Correspondent	Ajkerkagoj/ Ajker Paribarton	Nilachal, B.A.V.S. Road, Bhola	61048; 0172103911
3.	Shams-Ul- Alam Mithu	District Correspondent	Mass Line Media Center (MMC)	Kalibari Road, Bhola	0172574053
4.	Md. Hasan Taufiq Rehin	Secretary	Bhola Red Crescent Society	Nur Masjid Road, Ukilpara, Bhola	0172776716
5.	M. Jakir Hossain	District Correspondent	Daily Dinkal	General Secretary Lal Mohan Press Club, Bhola	0172584648
6.	M.A. Ahad Chowdhury Tuhin	District Correspondent	ATN Bangla/ Bhorer Kagoj	Chowdhury Monjil, Muslim Para, Bhola	62918, 0175027599 <a href="mailto:actuhi@yahoo.com">actuhi@yahoo.com</a>
7.	Md. Neyamat Ullah	Journalist	Daily Banglar Kantha	Sadar Road, Bhola	0178-147242
8.	Amena Begum	Commissioner	Bhola Purashava	Paurakathali, Bhola	62886
9.	Nigarun Nahar Rinku	Executive Director	Bhola Association for Social Advancement	Western Para, Bhola	01760810992 0172086650
10.	Nurun Nahar Lily	Secretary	BASA	Western Para, Bhola	
11.	Amena Morsheda	President	Ananna Mohila Samity	Officer Para, Bhola	
12.	Jakir Hossain Mohin	Executive Director	Grameen Jano Unnayan Sangstha	Altajer Rahman Sarak, Charnoabad, Bhola	62169 <a href="mailto:mohin2010@yahoo.com">mohin2010@yahoo.com</a>
13.	Nasir Ahmed	Cashier	Bhola Press Club	Press club, Bhola	62303 (O), 62262 (R)
14.	Haseeb Rahman	Reporter	Daily Janakantho	Stadium Sarak, Bhola	61942, 61339 0171-104212
15.	Afsar Uddin Babul	Principal & Reporter, Ittefaq	Fatem Khanam College	Sadar Road, Bhola	61956, 0172551917
16.	Amitav Apu	District Correspondent	Daily Jugantor	Abira Nikaton, Kalibari Road, Bhola	61124, 0171162672
17.	Md. Abdul Hannan	Sub-Divisional Engineer	Bangladesh Water Development Board	Borhanuddin O&M Sub-Division, BWDB, Borhanuddin, Bhola	61409, 0172101250
18.	Kartick Chandra Saha	District Fisheries Officer	Department of Fisheries	District Fisheries Office, Bhola	62407
19.	Dr. Hemayet Uddin Ahmed	Upazila Livestock Officer	Livestock Department	Upazila Livestock Office, Bhola Sadar, Bhola	62548
20.	Nazrul Haque Anu	Reporter-BTV and Member	BTV and Bhola Zila & Sahar Rakkha Sangaram Committee	Western Para, Bhola	0176197458, 62805
21.	Amal Krishna Majumder	District Primary Education Officer	Primary and Mass Education Ministry	District Primary Education Office, Bhola	61463
22.	Md. Abul bashar Miah	Divisional Forest Officer	Forest Department	Coastal Forest Division, Forest Department, Bhola	61416 (O), 61544 (R)
23.	Satyendra Kumar Sarkar	Upazila Nirbahi Officer		Office of the Upazila Nirbahi Officer, Bhola Sadar, Bhola	61318 (O), 62437 (R)
24.	Narayan Chandra Das	Additional Deputy Commissioner (Rev.)	Office of the Deputy Commissioner, Bhola	Office of the Deputy Commissioner, Bhola	61389 (O), 62590 (R)
25.	Md. Rafiqul Islam	ADC (Gen.)	District Administration	Office of the Deputy Commissioner, Bhola	61355
26.	Muhammad Abdul Mannan	Deputy Commissioner		Office of the Deputy Commissioner, Bhola	62400 (O), 61436 (R)
27.	Shitika Karmakar	Mohila Commissioner, Ward no. 4,5,6	Bhola Paurashava	Kalinath Rai Bazar, Bhola	62271
28.	Rashida Begum	Mohila Commissioner, Ward no. 1,2,3	Bhola Paurashava	Gazipur Road, Bhola Sadar	0176652890
29.	Laila Arjuman Bhanu	President	Dustha Mohila Kallayan Shangstha (DMKS)	DMKS, Gazipur Road, Bhola Sadar	
30.	Bilkis Jahan Munmun	President	Angina	Moon Mansion, Hospital Road, Bhola	0172792586
31.	Khaleda Khanam	Chairman	Jatio Mohila Shangstha	Molla Bari, Western Para, Bhola	62286 (O) 61758 (R); 0171722973
32.	Md. Motasim Billah	Editor and Executive Director	Weekly Lal Surza and Mass Advance Sent Association (MAA)	Old Helipad Road, Bhola	0172614681 0188360925
33.	Md. Afzal Hossain	Bureau Chief and District Correspondent	Daily Ajker Barta (Regional) and NTV	MH Bhaban (2 <sup>nd</sup> floor) Circuit House Road, Bhola	61773 0171931679
34.	Md. Mahfuzur	District Information	District Information	District Information Office, Bhola	61431 (O)

Sl.	Name	Designation	Organization	Address	Phone/Fax/Email
	Rahman	Officer	Office		62119 (R)
35.	Mokammel Haque Milon	News Editor	Daily Banglar Kantha	Daily Banglar Kantha, Mohajon Patti, Bhola	61139 (O) 62030 (H)
36.	Sheikh Farid	Chief Executive	My Right	Vill: Mulaipattan, PO: Munshir Hat, Borhanuddin, Bhola	0176924260, 0176112859 9565352 <a href="mailto:miright_bd@hotmail.com">miright_bd@hotmail.com</a>
37.	Md. Mostafizur Rahman	Executive Director,	Mother Welfare Association	MAUF, Stadium Sarak, Bhola	0172614681
38.	Abu Taher	Head Master	Charnoabad Muslim Secondary School	Charnoabad Muslim Secondary School, Altajer sarak, Bhola	62438
39.	Farid Uddin Ahmed	District Information Officer		District Education Office, Bhola	61821
40.	Farid Hossain Babul	District Correspondent	Daily Prothom Alo	Circuit House Road, Bhola	62294
41.	Md. Nazrul Islam Mia	Assistant Engineer	DPHE, Bhola	DPHE Store, Sadar Road, Bhola	62838



CHANDPUR

27 March 2005



## Introduction

The meeting started at 10:00 with Mr. Thaherul Islam, DC, Chandpur, as the Chairperson. Inauguration speech of the chair was followed by a brief self-introduction of the participants.

The working session was comprised of two presentations. Mr. M.A. Matin, (PSO, WARPO) presented a brief overview of ICZMP project (Objectives, outputs and current activities). Then Mr. Shahjahan Mian (Environmental and Resources Economist, PDO-ICZMP) presented the draft outline of the Coastal Development Strategy (CDS).

As the meeting opened for discussion, the participants made valuable comments and suggestions. After the open discussion, the participants were requested to select five priority actions for their district from a proposed list of 29.

The meeting was then concluded and launch was served among the participants.

## Summary of Meeting

District	Chandpur		
Date	27 March 2005		
Venue	Conference Room of the Deputy Commissioner		
Starting time	10:00 am		
Closing time	13:00 pm		
Chief guest/ Chair	Mr. Md Taherul Islam, Deputy Commissioner, Chandpur		
WARPO/PDO team	Mr. M. A. Matin, Mr. Md Sahjahan Mian, Mr. Mohammad Showkat Osman, Mr. A. K. M. Khusrul Amin,		
Summary of Participants	Both sex	Female	Participating Organisations
<b>Total</b>	41	6	
Government Agency	16	2	District Administration, Department of Agriculture Extension (DAE), Department of Fisheries (DoF), Department of Livestock Services (DLS), Bangladesh Water Development Board (BWDB), Local Government Engineering Department (LGED), Bangladesh Rural Development Board (BRDB), Department of Women Affairs (DWA), District Information Office, Forest Department (FD), Roads and Highways Department (RHD), Bangladesh Inland Water Transport Authority (BIWTA), Health Department
Local Government	6	1	Tarpurchandi UP, 5 no. Raipur UP, Haimchar Upazila, Chandpur Sadar Upazila, Chandpur Pourshava, 2 no. Algi Durgapur (s) UP
NGOs	6	3	Chandpur Attanibedita Mohila Sangstha, HDRO, ASA, CCDS
Civil Society	2	0	Hasan Ali Govt. High School, Matripith Govt. Girls, High School
Mass Media	5	0	Daily Ittefaq (District Representative-BTV), Daily Chanpur Kantha, Daily Chandpur Jamin (District Correspondence-NTV), Chandpur Press Club
Private Sector	2	0	Chandpur Chamber of Commerce and Industries
Others/CBOs	4	0	Chandpur Palli Biddut Samity, Fisher Community, Red Crescent Society, Water Management association
<b>Summary of comments and suggestions from the participants</b>	<ul style="list-style-type: none"> <li>• Arsenic contamination is a rapidly growing problem for Chandpur.</li> <li>• Rain water harvesting, pond preservation must be encouraged</li> <li>• Emphasis should be given on local product base cottage industry</li> <li>• Agricultural land should be increased by restrain shrimp cultivation.</li> <li>• Dredging is required to increase river flow.</li> <li>• Cooperative society should be formed for water management</li> <li>• Quality vegetable seeds are required for better production.</li> <li>• Extension of Soyabean cultivation is needed.</li> <li>• Crop diversification and training for farmers must be given priority.</li> <li>• Processing, storage and marketing facilities should be established.</li> <li>• Ban on use and production of current net should be applied.</li> </ul>		

District	Chandpur
	<ul style="list-style-type: none"> <li>• Coast guard should improve their relation with fisherman.</li> <li>• Detail on knowledge management is required</li> <li>• Land zoning and human resources development should be given priority.</li> <li>• Long term planning is required for improvement of char livelihood</li> <li>• Emphasis should give on small industries</li> <li>• Proper attention should be given to religious education along with general education.</li> <li>• Social empowerment of women should be ensured along with institutional empowerment</li> <li>• Population coverage must be given priority in selecting site for cyclone shelters.</li> </ul>

### Comments and Responses

#### Dr. M.G. Faruque Bhuiyan (Health Department):

It is suspected that 50% of the tube well is contaminated with Arsenic in Chandpur. To be in the safer side deep tube well should installed at a depth of 300-400 ft. Rain water harvesting must be encouraged and a pond have to preserved only for the purpose of drinking water.

Cottage industry should be encouraged on the basis of local product, such as Hugla leaf, Mutra (Mostak) plant. NGOs could play a vital role in developing cottage industries.

Agricultural land should be increased by restrain shrimp cultivation. Siltation is one of the major causes of erosion. Dredging is required to increase river flow.

#### Pronab Kumar Ayain (BRDB):

Water management should be done by samity, a time schedule have to maintain for distribution of water.

#### Md. Aftab Uddin Khan (DAE):

Quality vegetable seeds are required for better production. Extension of Soyabean cultivation is needed. Crop diversification and training for farmers must be given priority for coastal agriculture development.

#### Dr. Pabitra Kumar Shaha (Department of Livestock Services):

Milk processing plant and storage facilities should be established to encourage livestock's in the char areas of Chandpur. Marketing facilities are very poor in rural area; poor farmers never got fair price. They sell their product to the middleman. Co-operative society could be formed to ensure fair price to the poor people.

#### Mukesh Chandra Biswas (UNO, Haim Char):

Catch of Hilsha is huge in Haimchar, fish processing plat and storage facilities is required there. Marketing facilities should also be developed. Government initiatives are required to export Hilsha from Chandpur.

#### Md. Shahid Kazi (Tarsurchandi UP Chairman):

To prevent Juvenile Hilsha Catch, use of current net must be banned as well as production of current net. Instead of preventing juvenile Hilsha catch; coast guards are involved in harassing the poor fisherman.

**Mohd. Alkama Siddiqui (Additional District Commissioner):**

The term knowledge management is little bit complicated, difference between knowledge and education should be explained. Land zoning should be given priority in CDS. Human resources development should also be given priority.

**Remarks from the Chairperson:**

Chair of the meeting Mr. Md Taherul Islam (DC Chandpur) thanked WARPO and PDO team for arranging such consultation meeting; he also thanked the participants for attending the meeting and sharing their valuable comments and suggestion. He pointed out that even coastal zone is known as zone of vulnerability; it also has huge potential. Suggestions came out from today's discussion would contribute to formulate a rich Coastal Development Strategy. He then added the following suggestion-

- Long term planning should be taken for improvement of livelihood in char lands (settlement in newly accreted land), project should be designed such way that people could be benefited from the 2nd or 3rd year.
- Char lands are suitable for vegetable production, culture of Betel leaf & Chili have great potential in Haimchar.
- Emphasis should give on small industries; so that can be shifted if there is any possibility of erosion.
- To restrict catch of juvenile Hilsha alternate employment must be provided to the fishers during that season.
- Empowerment of women should not be limited to institutional empowerment; social empowerment must be given importance. Women should not be motivated (by their husband) in using their power.
- Proper attention should be given to religious education along with general education.
- Location of the cyclone shelter should be determined such way that it could serve maximum number of population; not by political motivation.

**Priority Actions**

SLNo.	Items	Rating
<b>Safeguarding the availability of fresh water with regionalized water management</b>		
1	Water management and rural development in Greater Noakhali (GN) area	
2	Action to mitigate drainage problems in Khulna region	
3	Integrated management of coastal water infrastructure (Polders)	1
4	The development of an effective system of groundwater management	11
5	Strengthening sanitation and safe water supply programs in arsenic & salinity affected areas	22
<b>Optimizing use of coastal lands</b>		
6	Accreted land development and settlement: development of a sustainable process	6
7	Land use zoning for efficient use & management of land resources	2
8	Development of coastal agriculture	11
<b>Promoting economic growth emphasizing rural non-farm employment</b>		
9	Small and medium enterprise development on selected coastal trades	11
10	Development & employment generation through tourism	3
<b>Sustainable and equitable management of natural resources</b>		
11	Promotion and extension of environmental and socially responsive shrimp farming	
12	Introduction and expansion of solar, tidal & wind energy in the remote coastal areas	1
13	Marine and coastal fisheries development program	1
<b>Environmental conservation</b>		
14	Completing and maintaining sea dykes as first level of defense against sea level rise	4

SLNo.	Items	Rating
15	Strengthening of Coast Guard program for the improvement of peoples security and environmental conservation	
<b>Improving livelihood conditions of people, specially women</b>		
16	Enhancement of livelihoods in chars and islands	13
17	Integrated development of remotely located island	1
18	Capacity building and skill development of female fish processors	3
19	Comprehensive rehabilitation program for erosion victims	24
20	Reduction of severe vulnerability through multi-purpose cyclone shelters - including coping mechanism	7
21	Veterinary services by private practitioners	1
<b>Empowering through knowledge management</b>		
22	Knowledge management and dissemination	15
23	Regional and other framework studies	
24	Capacity building and training	12
<b>Creating an enabling institutional environment</b>		
25	Operationalization of a Program Co-ordination Unit (PCU) at national level	1
26	Operationalization of an institutional and co-ordination mechanism involving local government at district level for the purpose of implementation	5
27	Supporting initiatives by LGIs, NGOs and media in coastal management	7
28	Empowerment through training of women members of UPs and Pourashavas	6
29	Establishment of IT supported model Unions in sea facing upazilas	1

### List of Participants

Sl.	Name	Designation	Organization	Address	Phone/Fax/Email
1.	Md. Taherul Islam	Deputy Commissioner	District Council	Deputy Commissioner's Office, Chandpur	63111 (O) 63121 (R) fax: 0841/63425
2.	Muht. Alkama Siddiqi	Additional District Commissioner (Gen.)	District Council	Deputy Commissioner's Office, Chandpur	0841-63133, 0841-63522 alkama_siddique@yahoo.com
3.	Md. Manirul Haque	Crop Production Specialist	Directorate of Agriculture Extension	Khamarbari, Taltala, Chandpur	0841-63106, 0841-63032
4.	Md. Seraj Uddin	District Fisheries Officer	Department of Fisheries	District Fisheries Office, Chandpur	0841-63165
5.	Md. Delowar Hossain	Asstt. Forest Conservator (Acting)	Bangladesh Forest Department	Social Forest and Nursery Training Centre, Khalshaduly, Po: Baburhat, Chandpur	0171-629083
6.	Dr. Pabitra Kumar Saha	Representative	Directorate of Livestock	District Livestock Office, Chandpur	63110
7.	Mir Hossain Ahsanul Kabir	District Information Officer	District Information Office	DC Office Building, Chandpur	63819
8.	Md. Shafiul Huda Khan	Sub-divisional Engineer	Bangladesh Water Development Board	Sholaghar, Chandpur	0174024547
9.	Md. Shahdat Hossain	Asstt. Engineer	LGED	Office of the Executive Engineer, LGED, Chandpur	63826
10.	Nurun Nahar Daulat Ara	Asstt. Rural Development Officer	BRDB	Chandpur Upazila Central Somobay Samittee Ltd. BRDB, Chandpur	65045
11.	Md. Abul Kashem Majumdar	Asstt. Engineer	Educational Engineering Department	Chandpur Zone, Chandpur	63775
12.	Ms. Jebun Nesa	District Women Affairs Officer		District Women Affairs Office, Old Court Para, Chandpur	63303
13.	Md. Ruhul Amin	Sub-divisional Engineer	Directorate of Roads & Highways	Directorate of Roads & Highways, Chandpur	63455
14.	Md. Zainal Abedin	Deputy Director & Port Officer	BIWTA, Chandpur River Port	BIWTA, Chandpur River Port, Bagadi Road, Chandpur	63205 011065853
15.	Pronab Kumar Ayaip	Deputy Director	BRDB	Chandpur	63567

Sl.	Name	Designation	Organization	Address	Phone/Fax/Email
16.	Md. Aftab Uddin Khan	Deputy Director	Directorate of Agriculture Extension	Deputy Director's Office, Directorate of Agriculture Extension, Chandpur	63106
17.	Dr. M.G. Faruque Bhuiyan	Medical Officer	Department of Health	Civil Surgeon's Office, Chandpur	63570
18.	Md. Shahid Kazi	Chairman	Tarpurchandi UP	Tarsurchandi UP, Chandpur Sadar, Chandpur	0172017301
19.	Md. Mahabubur Rahman Patwary	Chairman	Rampur UP	5 No. Rampur UP Chandpur Sadar, Chandpur	65765 0189917774
20.	Mukesh Chandra Biswas	UNO, Haimchar		Upazila Nirbahi Officer, Haimchar, Chandpur	63044-1, 0171156945
21.	Mohd Moniruzzaman	UNO, Chandpur Sadar		Upazila Nirbahi Officer, Chandpur Sadar	63424 (R), 63401 <a href="mailto:monirno@yahoo.com">monirno@yahoo.com</a>
22.	Zohora Anowar (Hira)	Commissioner	Chandpur Pourashava	Taltala, Rakaul House Road, Chandpur	0171014878; 66965
23.	Abdur Rahman Niazi	Chairman	Agli Durgapur UP (North)	2 No. Agli Durgapur UP Post: Agli bazar, Haimchar, Chandpur	0188431602, 9896823, 0171979133
24.	Fajilatun Nahar	President,	Chandpur Atanabeta Mohila Songstha (CAMS)	132 Comilla Road, Chandpur	63324, 63349
25.	Niru Shamsun Nahar	Coordinator	HDRO	47/48 No. Rahmatpur R/A, Chandpur	65471
26.	Mahrin Rahman	FS	Attama Nibedita Mohila Sangstha,	Bisnu Bank Colony Chandpur	66334
27.	Md. Zahirul Islam Mollah	District Officer	ASA	ASA Office Chandpur District Office, New Trank Road, Chandpur	0172148306
28.	Chowdhury Mohammad Enamul Hasan	Program Officer	Chandpur Community Development Songstha (CCDS)	31/32 No. Rahmatpur R/A, New Market, Chandpur	66922 0176398466
29.	Md. Selim Patwary	Executive Director	Chandpur Community Development Songstha (CCDS)	31/32 No. Rahmatpur R/A, New Market, Chandpur	66922 0176398466
30.	Sayed Wahidul Islam	General Manager	Chandpur Rural Electrification Board	Haiiganj, Chandpur	08424-255, 08424-366 0171279704 fax: 08424-366
31.	Md. Habiullah	President	Matthasajibi Samity	Tarap Chandi, Anda Bazar, Chandpur	
32.	Md. Hasan Dewan	Group Leader	Red Crescent Society Community Group	Tarap Chandi, Anda Bazar, Chandpur	
33.	Md. Abul Kalam Patwary	Executive Committee Member	Chandpur Chamber of Commerce & Industries	Moonlight Salt Factory, Royez Road, Old bazar, Chandpur	63490 (O), 66409 (R) Fax: 65958
34.	Tamal Kumar Ghosh	Executive Committee Member	Chandpur Chamber of Commerce & Industries	M/S Tomal Kumar Ghosh, Puran Bazar, Chandpur	65968, 64143
35.	Md. Makbul Hossain	Asstt. Teacher	Hasan Ali Govt. High School	Hasan Ali Govt. High school, Chandpur	63319
36.	AKM Ashraf Ullah	Asstt. Teacher	Matripith Govt. Girls High School,	Matripith Govt. Girls High School, Chandpur	63364
37.	Iqbal Bin Basar	President	Chandpur Press Club	252 Bakultola Road, Chandpur	63556/ 65587 0171183984
38.	Md. Rokonowzzaman Ronon	Founder Editor & Publisher of Daily Chandpur Jamin	District Correspondent of NTV	Rob Bhaban, 2 <sup>nd</sup> floor, Stadium Road, Bus stand, Chandpur	0172017490/0176131322 63790/63893
39.	BM Hannan	District Correspondent	Daily Inquilab	Daily Chandpur Kantho, Guakhola Road, Chandpur	66011, 6587 0171477750
40.	Kazi Shahdat	Chief Editor	The Daily Chandpur Kantha	Guakhola Road, Chandpur	65587, 66055 <a href="mailto:kantha94@btb.net.bd">kantha94@btb.net.bd</a>
41.	Golam Kibria Jibon	District Correspondent	BTV/Daily Ittefaq	Munshel para, Comilla Road, Chandpur	63420 0189424264
42.	Md. Sadekur Rahman	President	1 No. Water Management Association Ltd.	Vill: Nabur kandi, Po: Mandartali, Upazila: Matlob North, Chandpur	0189985581



PATUAKHALI

27 March 2005



## Introduction

District level consultation meeting on CDS in Patuakhali was chaired by Mr. Sheikh Md. Kbedul Islam, ADC (Rev.), Patuakhali. Mr. Prasanta Bhushan Barua, Deputy Commissioner, Patuakhali was present as the chief guest. Dr. Khurshed Alam, Institutional Expert, PDO-ICZMP and Mr. G. J. N. Murshed, Senior Scientific Officer of WARPO were present as special guests. Md. Sayed Iftekhar, Research Officer, PDO-ICZMP welcomed the guests and participants. The participants were then requested to introduce by themselves. Then Mr. Prasanta Bhushan Barua gave his opening speech.

Mr. G. J. N. Murshed of WARPO gave a presentation on ICZMP project and Dr. Khurshed Alam of PDO-ICZMP presented the draft Coastal Development Strategy (CDS). After the presentations a tea break was given. After tea break the participants were invited to discuss on the draft CDS. The participants made their comments and recommendations on priority actions for CDS. Dr. Khurshed Alam and Mr. G. J. N. Murshed moderated the session. Mr. A. B. M. Golam Faruque, Scientific Officer, WARPO and Md. Sayed Iftekhar, Research Officer, PDO-ICZMP took notes on comments and recommendations.

After open discussions the participants were asked to prioritize actions for the CDS, considering the local contexts. Each of all participants voted for five 'priority actions' among from 29 proposed actions, which were listed in flip charts. Then the chair concluded the meeting by giving thanks to the organizers, facilitating NGO Sankalpa Trust and the participants. Then the guests and participants were invited to join lunch.

## Summary of Meeting

District	Patuakhali		
<b>Date of consultation</b>	27 March 2005		
<b>Venue</b>	Conference Room of Deputy Commissioner		
<b>Meeting started at</b>	11: 08 am		
<b>Meeting concluded at</b>	1:55 pm		
<b>Chief guest</b>	Mr. Prasanta Bhushan Barua, Deputy Commissioner, Patuakhali		
<b>Chair/moderator</b>	Mr. Sheikh Md. Kbedul Islam, ADC (Rev.), Patuakhali		
<b>WARPO/PDO team</b>	Dr. Khurshed Alam, Mr. G. J. N. Murshed, Mr. A. B. M. Golam Faruque, Mr. Md. Sayed Iftekhar		
<b>Summary of Participants</b>	Both sex	Female	Participating organizations
<b>Total</b>	44	14	
Government agency	15	2	District Administration, Directorate of Primary Education, Forest Department, Islamic Foundation, PWD, Bangladesh Shishu Academy, Dist. Information Office, Department of Fisheries, Dept. of Livestock, Bangladesh Mohila Parishad
Local government	6	4	Union Parishad, Patuakhali Poursabha
NGOs/CBOs	16	7	Sankalpa Trust, Shaplaful Social Development Organization, Patuakhali Mohila Unnayan Samity (PMUS), Shuktara Mohila Sangstha, SIJAK, Char Khali Social Development Organization, Adarsha Mohila Sangstha, SIRD, Proshika, Society Development Agency (SDA), CODEC, Lalu Panchayet Arthaya Samajik Unnayan Prokalpa, Community Development Advancement Center (CDAC), Bihanga Mohila Sangstha (BMS), Family Planning Association of Bangladesh (FPAB)
Civil society	1	1	Kamala Govt. Primary School
Mass media	6		Patuakhali Press Club, UNB, ATN Bangla, Dainik Khabar, Daily Jugantor, Patuakhali Media Forum
Private sector			
Others			
<b>Summary of comments and suggestions given by</b>	<ul style="list-style-type: none"> <li>One of the main questions is how integration can be achieved at national and local level.</li> </ul>		

District	Patuakhali
the participants	<ul style="list-style-type: none"> <li>• The green belt project of the Forest Department was very successful. Under this project plantations have been increased in roadside and embankment sides. The instruction of the Honorable Prime Minister to plant one crore coconut saplings in the coastal zone should be implemented as soon as possible.</li> <li>• In some areas of the Patuakhali district (Fatrar char, Gangamoti, Kuakata) tourism industry can be promoted. Here tourism has huge potential. But the communication system has to be developed. Three bridges are needed on an emergency on the way to Kuakata.</li> <li>• Fisheries are another sector where the people of Patuakhali can earn a lot of money. Already the private sector is earning a lot of profit. But this can be developed further through modern technologies and equipment for fish dehydration and developing an efficient marketing channel.</li> <li>• The greater Barisal was once known as the Granary of Bengal. But now the situation has changed. Most of the agriculture land is single cropped due to water logging, heavy rain and submersion of low land. The measures taken by the BWDB is not sufficient. Agriculture Department can develop and disseminate some water logging tolerant varieties. However, the watermelon production is very high in the region. Fruit processing factories can be established here.</li> <li>• The attitude and behavior of people have also changed. In the past the people gave labor on voluntary basis to construct and repair roads, embankments, etc. But now dedicated works are difficult to get even in exchange of money.</li> <li>• Programs should adopt participatory approach. Through proper training and campaign the people should be motivated to form resources users' groups to facilitate the development process.</li> <li>• The Universities and other research institutes should have direct linkage with the grass root people. Adequate research is important to analyze local problems towards better solution.</li> <li>• The cyclone shelters should have multi-purpose uses.</li> <li>• In the CDS the programs and strategies should be divided into long term, short and medium term.</li> <li>• A strategy should be on ensuring Education for All.</li> <li>• How the coordination will be ensured at district level? Will there be any office at district level? A separate set up at district level might be useful. How the local government will be coordinated?</li> <li>• What will be the mass communication and mass awareness strategies? Strategies for mass communication and knowledge dissemination should be included in CDS.</li> <li>• Repetition and duplication of work is main problem. Often it is observed that different departments are doing the same thing. The trend is same for NGO activities also.</li> <li>• The children of the poorer and impoverished section are engaged in different risky jobs and occupation. A separate strategy is needed for them.</li> <li>• The coastal zone is in the face of climate change. Tsunami might attack again. But the warning system is not sufficient. We have no preparation. In the CDS natural disaster management should be properly mentioned with due emphasis.</li> <li>• The pollution in the upstream is precipitating in the coastal zone. Pollution control measures are needed.</li> <li>• In some part of the coastal zone land is accreting up and rising. These might be developed and used for human habitation.</li> <li>• Women Education program should be much more strengthened.</li> <li>• Plain land and mangrove plantations are necessary for poverty reduction and environmental improvement.</li> <li>• Alternative employment generating activities are needed to stop child labor.</li> <li>• There should be special quota for the women based organization in resource allocation and work distribution in the development program.</li> <li>• Due to shrimp fry collection fish biodiversity is declining. Banning of shrimp fry collection should be properly implemented.</li> </ul>

District	Patuakhali
	<ul style="list-style-type: none"> <li>• Special health and sanitation programs are needed for the coastal women. The health centers are situated at far distance. More centers are needed.</li> <li>• The rural people should be aware of the national development process. The primary school teachers can be active stakeholders of the CDS.</li> <li>• Many people live in the mud or wood built houses. In the cyclone prone areas like Patuakhali this is highly risky. Government can take special projects to provide loan and technologies to the people in cyclone risk areas to construct cyclone proof houses. The cyclone warning system should also be developed and improved to reach the fishers fishing in the deep sea.</li> <li>• Democratic culture and practices is needed for development.</li> <li>• We should take steps to increase the literacy rate.</li> <li>• By constructing <i>Killa</i> and cyclone shelters damages of the cyclone could be reduced much.</li> <li>• The coastal communication system has to be developed.</li> <li>• The plantations in the coastal areas have played a significant role in protecting the life and livelihoods of the coastal people. In the Patuakhali region around two hundred thousand acre mangrove and non-mangrove forest exist. If they are managed sustainable then Bangladesh could meet a large portion of its forest product demands. A 'hardboard mill' can be established here depending on the <i>Keora</i> plantation. Honey culture is another potential as <i>Keora</i> tree is a good source of honey.</li> <li>• Private sector can be facilitated on some selected coastal trades like fish processing/<i>shukti</i> by giving loan and technologies.</li> <li>• Availability of fresh water has to be ensured through utilization of surface water.</li> <li>• Women should be aware about 'seasonal marriage', and appropriate law should be enforced strictly to stop it.</li> <li>• Honorarium and specific responsibilities should be ensured for the women member of the local government.</li> <li>• Income of the fishers is very poor. They cannot live on even <i>jatka</i> catching. Alternative employment opportunities can be created for them during the month of November to May. Micro-credit can be a good option.</li> <li>• Imam can be providing with training on disaster preparedness. Interest free loan can be provided to the fishers and disaster affected people.</li> <li>• Integration should be attained at national level at first. Then automatically the integration and coordination will be practiced in local level.</li> </ul>

## Comments and Recommendations

### Mr. Prasanta Bhushan Barua, Deputy Commissioner, Patuakhali:

In his opening speech Mr. Barua stressed on the following concerns and recommendation:

- One of the main questions is how integration can be achieved at national and local level.
- The green belt project of the Forest Department was very successful. Under this project plantations have been raised in roadside and embankment sides. The instruction of the Honorable Prime Minister is to plant one crore coconut saplings in the coastal zone should be implemented as soon as possible.
- In some areas of the Patuakhali district (Fattrar char, Gangamoti, Kuakata) tourism industry can be promoted. Here tourism has huge potential. But the communication system has to be developed. Three bridges are needed urgently basis on the road to Kuakata.
- Fisheries are sectors from which the people of Patuakhali can earn a lot of money. Already the private sector is earning profit a lot. But this can be developed further through modern technologies and equipments for fish processing and developing an efficient marketing channel.

- The greater Barisal was once known as the Granary of Bengal. But now the situation has changed. Most of the agriculture land is single cropped due to water logging, heavy rain and submersion of low land. The measures taken by the BWDB is not sufficient. Agriculture Department can develop and disseminate some water logging tolerant varieties. However, the watermelon production is very high in the region. Processing plants to produce juice can be established here.
- The attitude and behavior of people have also changed. Earlier the people gave their labor on voluntary basis to construct and repair roads, embankments, etc. But now dedicated works are rare even in exchange of money.
- Programs should adopt participatory approach. Through proper training and campaign the people should be motivated to form resources users' groups to facilitate the development process.
- The Universities and other research institutes should have direct linkage with the grass root people. Adequate research on local problems is important towards better solution.
- The cyclone shelters should have multi-purpose uses.
- In the CDS the programs and strategies should be divided into long term, short and medium term.

**Mr. Muhd. Fazlul Karim, District Education Officer (Acting):**

A strategy should be on ensuring Education for All. How the coordination will be ensured at district level? Will there be any office at district level? A separate set up at district level might be useful. How the local government will be coordinated? What will be the mass communication and mass awareness strategies? A mass communication and knowledge dissemination strategy should be included in CDS. Repetition and duplication of work is main problem. Often it is observed that different departments are doing the same things. The trend is same for the NGO activities also.

The children of the poorer and impoverished section are engaged in different risky jobs and occupation. A separate strategy is needed for them. The coastal zone is in the face of climate change. Tsunami might attack again. But the warning system is not sufficient. We have no preparation. In the CDS natural disaster management should be properly mentioned with due emphasis. The pollution in the upstream is precipitating in the coastal zone. Pollution control measures are needed. In some part of the coastal zone land is accreting up and rising. These might be developed and used for human habitation.

**Ms. Rashida Begum, Head Mistress, Kamala Govt. Primary School:**

'Education for women program' should be much more strengthened.

**Mr. Khalilur Rahman, District Primary Education Officer, Directorate of Primary Education:**

Plain land and mangrove plantations are necessary for poverty reduction and environmental improvement.

**Mr. K.M. Enayet Hossain, Executive Director, Society Development Agency (SDA):**

Alternative employment generating activities are needed to stop child labor.

**Ms. Monowara Hakim, Chairperson, Patuakhali Mohila Unnayan Samity (PMUS):**

There should be special quota for the 'women organization' in resource allocation and work distribution in the development program.

**Mr. A.K.M. Mizanur Rahman, Accountant & Administrative Officer, Shaplaful Social Development Organization:**

Fish biodiversity is declining due to 'shrimp fry' collection. Banning of shrimp fry collection should be properly implemented.

**Ms. Mahafuza Islam, Director, Shuktara Mohila Sangstha:**

Special health and sanitation programs are needed for the coastal women. The health centers are situated at far distance. More centers are needed. The rural people should be aware of the national development process. The primary school teachers can be an active part of the CDS.

**Md. Zafar Khan, Dist. Correspondent of Daily Jugantor and General Secretary, Press Club:**

Many people live in the mud or wood built houses. In the cyclone prone areas like Patuakhali this is highly risky. Government can take special projects to provide loan and technologies to the people in cyclone risk areas to construct cyclone proof houses. The cyclone warning system should also be developed and improved to reach the fishers fishing in the deep sea.

**Ms. Shahnaj Ferdousi, Executive Director, Charkhali Social Development Organization:**

Democratic culture and practices is needed for development. We should take steps to increase the literacy rate.

**Mr. A.B.M. Shahidul Islam, Area Co-ordinator, Proshika, Patuakhali Development Area:**

By constructing *Killa* and cyclone shelters the damages of cyclone could be reduced. The coastal communication system has to be developed.

**Md. Rustom Ali Khan, Divisional Forest Officer, Forest Department:**

The plantations in the coastal areas have played a significant role in protecting the life and livelihoods of the coastal people. In the Patuakhali region around two lakh acre mangrove and non-mangrove forest exist. If they could be managed sustainable then Bangladesh could meet a large portion of its forest product demands. A hardboard mill can be established here depending on the *Keora* plantation. Honey culture is another potential as *Keora* tree is a good source of honey.

**Mr. Zakir Hossain, Senior Information Officer, Dist. Information Office:**

Private sector can be facilitated on some selected coastal trades like fish processing/*Shutki* by giving loan and technologies.

**Ms. Sanjida Monowar, Director, Finance & Admin, SIJAK:**

Through surface water utilization availability of fresh water has to be ensured.

**Ms. Syeda Aklimunnessa (Ruby), Commissioner, Ward no. 7,8,9, Patuakhali Poursabha:**

Women should be aware about 'seasonal marriage' and appropriate law should be enforced strictly to stop 'seasonal marriage'. Honorarium and specific work should be determined for the women member of the local government.

**Mr. Bankim Chandra Biswas, Sr. Upazila Fisheries Officer, Directorate of Fisheries:**

The income of the fishers is very poor. So they cannot live on catching *jatka* alone. They catch *Jatka* because they have no alternative. So, alternative employment opportunities can be created for them during the month of November to May. Micro-credit can be a good option.

**Md. Habibur Rahman, Accountant, Islamic Foundation:**

Training can be imparted to the Imam on disaster management. Interest free loan can be provided to the fishers and disaster affected people.

**Sheikh Md. Kabeedul Islam, ADC (Rev.), Patuakhali:**

Integration should be achieved at national level at first. Then automatically at local level integration and coordination will be practiced.

**Priority Actions**

<b>Sl.No.</b>	<b>Items</b>	<b>Rating</b>
<b>Safeguarding the availability of fresh water with regionalized water management</b>		
1	Water management and rural development in Greater Noakhali (GN) area	1
2	Action to mitigate drainage problems in Khulna region	2
3	Integrated management of coastal water infrastructure (Polders)	1
4	The development of an effective system of groundwater management	3
5	Strengthening sanitation and safe water supply programs in arsenic & salinity affected areas	13
<b>Optimizing use of coastal lands</b>		
6	Accreted land development and settlement: development of a sustainable process	5
7	Land use zoning for efficient use & management of land resources	1
8	Development of coastal agriculture	7
<b>Promoting economic growth emphasizing rural non-farm employment</b>		
9	Small and medium enterprise development on selected coastal trades	8
10	Development & employment generation through tourism	3
<b>Sustainable and equitable management of natural resources</b>		
11	Promotion and extension of environmental and socially responsive shrimp farming	3
12	Introduction and expansion of solar, tidal & wind energy in the remote coastal areas	2
13	Marine and coastal fisheries development program	2
<b>Environmental conservation</b>		
14	Completing and maintaining sea dykes as first level of defense against sea level rise	7
15	Strengthening of Coast Guard program for the improvement of peoples security and environmental conservation	
<b>Improving livelihood conditions of people, specially women</b>		
16	Enhancement of livelihoods in chars and islands	8
17	Integrated development of remotely located island	3
18	Capacity building and skill development of female fish processors	6
19	Comprehensive rehabilitation program for erosion victims	4
20	Reduction of severe vulnerability through multi-purpose cyclone shelters - including coping mechanism	5
21	Veterinary services by private practitioners	
<b>Empowering through knowledge management</b>		
22	Knowledge management and dissemination	3
23	Regional and other framework studies	
24	Capacity building and training	7
<b>Creating an enabling institutional environment</b>		
25	Operationalization of a Program Co-ordination Unit (PCU) at national level	
26	Operationalization of an institutional and co-ordination mechanism involving local government at district level for the purpose of implementation	
27	Supporting initiatives by LGIs, NGOs and media in coastal management	22
28	Empowerment through training of women members of UPs and Pourashavas	28
29	Establishment of IT supported model Unions in sea facing upazilas	5
30	Forest Resource Management & Gender Development	7
31	Alternative employment opportunities for the children to protect them from hazardous labour	8

## List of Participants

Sl.	Name	Designation	Organization	Address	Phone/Fax/Email
1.	Md. Khalilur Rahman	District Primary Education Officer	Directorate of Primary Education	Office of the District Primary Education Officer, Patuakhali	62640
2.	Babul Chandra Kharati	Branch Manager	Sankalpa Trust	Sabujbag 1 <sup>st</sup> lane, Patuakhali	0441-63515
3.	Prasanta Bhushan Barua	Deputy Commissioner, Patuakhali	Caninet Division	Office of the Deputy Commissioner, Patuakhali	62300, 62447; Fax: 62597 baruaprasanta@yahoo.com
4.	Sheikh Md. Kabeedul Islam	ADC (Rev.)	Patuakhali Collectorate	Patuakhali Collectorate, Patuakhali	62234 (O); 62237 (R)
5.	Md. Rustom Ali Khan	Divisional Forest Officer	Forest Department	Divisional Forest Office, Patuakhali	62285, 62327 (O) 62650 (R), Fax:63580
6.	Mosa. Shefali Begum	UP Member, Ward no, 7,8,9	Kalikapur Union Parishad	Kalikapur Union Parishad Patuakhali Sadar, Patuakhali	
7.	A.K.M. Mizanur Rahman	Accountant & Administrative Officer	Shaplaful Social Development Organization	DC Banglo Road, Patuakhali	0178-089909
8.	Jalal Ahmed	Joint Secretary	Patuakhali Press Club	Patuakhali Press Club, Patuakhali	0172-980926
9.	Md. Fayejur Rahman	District Correspondent	UNB & ATN Bangla	Latif School Road, Patuakhali	63188; 0172-179580 Fax: 63188
10.	Md. Habibur Rahman	Accountant	Islamic Foundation	Puratan Adalat Bhaban, Patuakhali	62125
11.	Syeda Aklimunnessa (Ruby)	Commissioner, Ward no. 7,8,9	Patuakhali Poursabha	Patuakhali Poursabha, Patuakhali	63599
12.	Ms. Monowara Hakim	Chairperson	Patuakhali Mohila Unnayan Samity (PMUS)	Khepupara, Patuakhali	0441-62881 0172-047607
13.	Ms. Mahafuza Islam	Director	Shuktara Mohila Sangstha	H/O: Deuli, Mirjaganj, Patuakhali, Dist. Office: Sadar Road, Natun Bazar, Patuakhali	623367; 0172-233269
14.	Ms. Sanjida Monowar	Director, Finance & Admin	SIJAK	Nirala Bhaban, Sabujbag, Patuakhali	
15.	Ms. Shahnaj Ferdousi	Executive Director	Char Khali Social Development Organization	Gorostan Road, Town Kalikapur, Patuakhali	0176-143426
16.	Ms. Rashida Begum	Head Mistress	Kamala Govt. Primary School	Fatema Manjil, Puran Bazar, Patuakhali	62248; 0176-977756
17.	Priyasindhu Talukder	Asst. Commissioner	Office of the Deputy Commissioner	Office of the Deputy Commissioner, Patuakhali	0441-62519
18.	Md. Rezaul Alam Sarker	Deputy Director (Incharge)	Local Govt., Patuakhali	Office of the Deputy Commissioner, Patuakhali	0441-62845
19.	S.M Salim Reza	UNO	Patuakhali Sadar	Upazila Parishad, Patuakhali	62690 (O), 62697
20.	Md. Shafiqur Rahman Khan	Regional Co-ordinator	SANKALPA Trust	3, Sabujbag 1 <sup>st</sup> Lane, Patuakhali	63515; 0176-153000
21.	Ms. Afroja Akbar	Director	Adarsha Mohila Sangstha	Char Para, Patuakhali	62517, 62523 0176-986847
22.	Afroza Begum	Executive Director	SIRD	Panama View, Town Kalikapur, Patuakhali Sadar, Patuakhali	64230
23.	Muhd. Fazlul Karim	District Education Officer (Acting)	Dist. Education Office	Patuakhali	62418
24.	A.B.M. Shahidul Islam	Area Co-ordinator	Proshika, Patuakhali Development Area	Sher-E-Bangla Road, Shahin Bhaban (Grd Floor), Patuakhali	62602
25.	Md. Abdur Razzak	District Organizer	Bangladesh Shishu Academy	Puratan Hospital Road, Patuakhali	62231
26.	Zakir Hossain	Senior Information Officer	Dist. Information Office	Dist. Information Office, Patuakhali	62460
27.	K.M. Enayet Hossain	Executive Director	Society development Agency (SDA)	Raj Mahal (2 <sup>nd</sup> Flr), Kathpaity, Town School Road, Patuakhali	62051; 0172-103394 Fax: 62203
28.	Bankim Chandra Biswas	Sr. Upazila Fisheries Officer	Directorate of Fisheries	Sr. Upazila Fisheries Officer, Patuakhali Sadar, Patuakhali	62096, Fax: 62501 <a href="mailto:boukim_biswas@yahoo.com">boukim_biswas@yahoo.com</a>
29.	Dr. Md. Abu Taher	Dist. Livestock Officer	Dept. of Livestock	Dist Livestock Office, Fire Service Road, Patuakhali	62582, Fax: 62582
30.	Ahmed-Un-Nabi	Sr. Program Officer	CODEC, Patuakhali Region	Ballap Pur, Patuakhali	62026; 0172-041781

Sl.	Name	Designation	Organization	Address	Phone/Fax/Email
		H			
31.	Md. Shah Alam	Executive Director	Lalu Panchayet Arthaya Samajik Unnayan Prokalpa	Nabab Para, Patuakhali Dhaka Office: H # 117, R # 7 Mohammadia Housing Ltd. Mohammadpur, Dhaka-1207	62147, 0176-332634 02-8156833 (Dhaka) Fax: 02-8119386 <a href="mailto:atlilon@dhaka.net">atlilon@dhaka.net</a>
32.	S.M. Shafiqur Elahee Chowdhury	Executive Director	Community Development Advancement Center (CDAC)	Nirala Bhaban, 4/F 3 <sup>rd</sup> Floor Sabujbag, Patuakhali	64141, 0172-011981 Fax: 62616 <a href="mailto:cdac@yahoo.com">cdac@yahoo.com</a>
33.	Md. Humayn Kabir	Chairman	Auliapur Union Parishad	Auliapur Union Council, Patuakhali Sadar, Patuakahli	63086; 0178-205159
34.	Mrs. Jahanara Razzak	Commissioner	Patuakhali Pourashabha	Natun Bazar, Patuakhali	63125
35.	Ms. Jahanara Begum	UP Member	Lohalia Union Parishad	Vill: Idrakpur, PO: Lohalia Barobari, Patuakahali	
36.	Ms. Sajeda Mohiuddin	Executive Director	Bihanga Mohila Sangstha (BMS)	Shimul Bag, Patuakhali	64436; 0176-545983
37.	Ms. Fatema Begum	President	Bangladesh Mohila Parishad,	Patuakhali Zila Branch, Nabab Para, Patuakhali	62248
38.	Dipali Rani Roy	General Secretary	Bangladesh Mohila Parisad, Patuakhali Zila Branch	Nabab Para, Patuakhali	62489
39.	Swapan Banerjee	District Correspondent	Dainik Khabar	Char Para Sarak, Natun Bazar, Patuakhali	62006 (R), 0172-980925 fax: 63188
40.	Md. Abul Kashem	Asst. Dist. Project Officer	Family Planning Association of Bangladesh (FPAB)	College Road, Patuakhali	62022
41.	Md. Zakir Hossain	President	Patuakhali Press Club	Gahar Kutir, Nabab Para, Patuakhali	63469, Fax: 63188 0172-121405
42.	Md. Zafar Khan	General Secretary	Patuakhali Press Club and Dist. Correspondent, Daily Jugantor	Sadar Road, Natun Bazar, Patuakhali	63409; 0172-171065
43.	Md. Zahangir Hossain	Media Cameraman	Patuakhali Media Forum	Mamun Vila, Sher-E-Bangla Sarak, Patuakhali	63732; 0172-049523
44.	Md. Abdur Rob Hawlader	Chairman	Kalikapur Union Parishad	Vill. : Dibuapur, PO: Bohal Gachia, Patuakhali	62700; 0176-490052





JHALOKATI

29 March 2005



## Introduction

District level consultation meeting on CDS in Jhalokati was chaired by Mr. Munshi Iqbal Hossen, ADC, Jhalokati. Md. Showkat Nabi, Deputy Commissioner, Jhalokati was the chief guest. Dr. Khurshed Alam, Institutional Expert, PDO-ICZMP was present as special guest. Md. Sayed Iftekhar, Research Officer, PDO-ICZMP welcomed the guests and participants. The participants were then requested to introduce by themselves. Then the chief guest of the meeting delivered his opening speech.

Mr. A. B. M. Golam Faruque, Scientific Officer, WARPO gave a presentation on ICZMP project and Dr. Khurshed Alam, PDO-ICZMP gave presentation on draft Coastal Development Strategy (CDS). After the presentations a tea break was given. After tea break the participants were invited to discuss on the draft CDS. The participants made their comments and recommendations on priority actions for CDS. Dr. Khurshed Alam moderated the session. Mr. A. B. M. Golam Faruque and Md. Sayed Iftekhar took notes on comments and recommendations.

After open discussions the participants were asked to prioritize actions for the CDS, considering the local contexts. Each of all participants voted for five 'priority actions' among from 29 proposed actions, which were listed in flip charts. Then the chair concluded the meeting by giving thanks to all. The guests and participants were invited join lunch.

## Summary of Meeting

District	Jhalokati		
Date of consultation	29 March 2005		
Venue	Circuit House		
Meeting started at	10:45 am		
Meeting concluded at	2:00 pm		
Chief guest	Md. Showkat Nabi, Deputy Commissioner, Jhalokati		
Chair/moderator	Mr. Munshi Iqbal Hossen, ADC, Jhalokati		
WARPO/PDO team	Dr. Khurshid Alom, Mr. G. J. N. Morshed, Mr. A. B. M. Golam Faruque, Md. Sayed Iftekhar		
Summary of Participants	Both sex	Female	Participating organizations
<b>Total</b>	41	7	
Government agency	14	2	District Administration, Dept. of Health, LGED, Sports Dept., Bangladesh Shishu Academy, DWA, Jatio Mohila Sangstha, BRDB, DoF, DSS, DPHE, DAE, Islamic Foundation.
Local government			
NGOs/CBOs	6	3	BIVDS, BSAS, Women Development Society, JDS
Civil society	7	1	Zila Krira Sangha, Udayan Secondary School, Jhalokati Govt. High School, Govt. Horochandra Girls High School, Abdul Wahab Gazi Shishu Bidyalay, City Kinder Garten, Jhalokati Sarkari Mohila College
Mass media	11	1	Dainik Ajana Barta, MMC, Sreejan, BSS, Daily Inqilab, Press Club, ATN Bangla, Ajker Kagoj, Janakantha
Private sector	1		Banik Samity, Jhalokati Polly Bidyut Samity
Others	2		Private Medical Practitioner
Summary of comments and suggestions given by the participants	<ul style="list-style-type: none"> <li>Jhalokati district is a riverine area. The people of this area are fighting with the Mother Nature from time immemorial. The influence of sea is indirect here. So the strategy for the development of this district should be different from the sea-facing district. Here more emphasis should be given on the sustainable use of the river-based resources.</li> <li>People's Coping capacity with cyclone vulnerabilities can be increased by providing loan facilities to construct building/houses (brick made) in the cyclone prone areas.</li> <li>Multi-purpose flood shelters can be constructed.</li> </ul>		

District	Jhalokati
	<ul style="list-style-type: none"> <li>• The issue of Tsunami management can be highlighted in the CDS.</li> <li>• The cyclone shelters and flood shelters can be connected through a disaster information dissemination system.</li> <li>• Each year 1% cropland is lost to non-agriculture use. So intensive agriculture is needed to meet the demand of the people. The abandoned irrigation projects should be revived and measures should be taken to protect the cropland from tidal water and salinity. Golda farming in fresh water can be a profitable business. Training and equipments are needed.</li> <li>• The handicrafts and cottage industries of Jhalokati were famous once. Training, promotion through advertisement and marketing linkage development can bring back the golden days for cottage industries.</li> <li>• Political will for development is a must.</li> <li>• Representatives from the grass root level should have been present here.</li> <li>• Multi purpose use of cyclone shelters, <i>killas</i> and flood shelters should be promoted.</li> <li>• Wetlands should be conserved.</li> <li>• The children education and non-formal primary education program should be strengthened in the district. Free day care center or residential school can be built for them.</li> <li>• Skill based employment generating training should be provided to the women headed households.</li> <li>• Coast Guard should be strengthened to reduce deep-sea piracy and to enhance people's security.</li> <li>• Optimum utilization of water resources is necessary. Surface water utilization is important in the face of arsenic and salinity contamination in the ground water.</li> <li>• Agriculture land is declining day by day.</li> <li>• Fisheries have a good potential here. Almost every household has a pond. Aquaculture projects can be taken under the supervision of Department of Fisheries.</li> <li>• Child mortality rate is high in the coastal districts. Special health programs can be taken.</li> <li>• Implementation of the appropriate projects is the key for coastal development.</li> <li>• Drinking water scarcity is a problem in the district. The people are suffering from scarcity of drinking water. Measures like rain water harvesting, pond and <i>dighi</i> excavation solely for drinking water purpose; reservation of ponds in each village can be the parts of projects.</li> <li>• Disaster information system, proper law enforcement to reduce land piracy, social forestry or participatory forestry.</li> <li>• We should not hybrid varieties of rice and other species.</li> <li>• Ill planned embankments cause water logging.</li> <li>• Wildlife and bird biodiversity is lost every day. Steps are needed.</li> <li>• Training of the women for poultry and livestock rearing.</li> <li>• Community radio can be promoted for the information dissemination and awareness raising among the coastal communities on coastal development issues.</li> <li>• Coordination among the different department is important.</li> <li>• Water resource management is necessary.</li> <li>• Special health programs for the women and children can be taken in the coastal zone.</li> <li>• To ensure the presence of the government officers special allowance can be given in the coastal districts.</li> <li>• River training and management is necessary.</li> <li>• Corruption is main problem of our nation. Some measures can be suggested in the CDS to curb corruption.</li> <li>• Proper survey and estimate of the poor people is needed. A database on the poor people and poverty situation can be maintained in each upazila. Department of Social Services can have the responsibility of maintaining the database.</li> <li>• Special measures should be suggested for the disabled children. The number of child home should be much more increased.</li> </ul>

District	Jhalokati
	<ul style="list-style-type: none"> <li>• Community based insurance programs for the fishers and industrial workers could be promoted.</li> <li>• The development strategy should be different for each district.</li> <li>• Underground water management is important to tackle the arsenic problem.</li> <li>• During the project planning district administration should be involved through District Development Coordination Meeting to prevent the overlapping tendency of the project.</li> <li>• Hybrids should not be encouraged as they will be harmful to our farmers and biodiversity.</li> <li>• The cultural activities should be promoted in the coastal zone. Community Radio can play an important role. We should think of 'Culture for Development'.</li> <li>• River training is needed to prevent river erosion. Small waterways should be conserved.</li> <li>• Coastal development is a huge task. Coordinated efforts of all parties are needed.</li> <li>• To promote industrialization steps like incentive for the industrialists, declaration of tax holidays, development of communication network is needed.</li> <li>• Registered organization for women can be created.</li> <li>• The suggested measures can be divided into short term, medium term and long term plans and strategies.</li> </ul>

### Comments and recommendations

#### **Md. Showkat Nabi, Deputy Commissioner:**

Jhalokati district is a river basin area. The people of this area are fighting with the Mother Nature from time immemorial. The influence of sea is indirect here. So the strategy for the development of this district should be different from the sea-facing districts. Here more emphasis should be placed on the sustainable use of the river-based resources.

#### **Md. Ashraful Islam, Executive Engineer, LGED:**

Providing loan facilities to construct building/ brick made houses in the cyclone prone areas can increase coping mechanism of the people to cyclone vulnerabilities. Multi-purpose flood shelters can be constructed.

#### **Mr. Sadhan Kumar Das, Zila Children Affairs Officer, Bangladesh Shishu Academy:**

The issue of Tsunami preparedness can be highlighted in the CDS. The cyclone shelters and flood shelters can be connected through a disaster information dissemination system.

#### **Mr. Nikhil Ranjan Mondal, Plant Conservation Specialist, Dept. of Agriculture Extension:**

Each year 1% cropland is lost to non-agriculture use. So intensive agriculture is needed to meet the demand of the people. The abandoned irrigation projects should be revived and measures should be taken to protect the cropland from tidal water and salinity. Golda farming in fresh water can a profitable business. Training and equipments needed.

#### **Ms. Bandana Nath, Executive Director, Barisal Social Advancement Society (BSAS):**

The handicrafts and cottage industries of Jhalokati were famous once. Training, promotion through advertisement and marketing linkage development can bring back the golden days for cottage industries.

#### **Mr. Sayed Kabir Hossain, Asst Teacher, Jhalokati Govt. High School:**

Political will for development is a must. Representatives from the grass root level should have been present here. Multi purpose use of cyclone shelters, *killas* and flood shelters should be promoted. Wetlands should be conserved.

**Ms. Sabiha Ahmed, Chairperson, Jatio Mohila Sangstha, Jhalokati:**

The children education, especially formal and non-formal primary education, program should be strengthened in the district. Free day care center or residential school can be built for them. Skill based employment generating training should be provided to the women headed households.

**Mr. Nalini Ranjan Majumder, Principal, Abdul Wahab Gazi Shishu Bidyala:**

Coast Guard should be strengthened to reduce deep-sea piracy and to enhance people's security.

**Dr. T. Ahmed, Private Medical Practitioner:**

Optimum utilization of water resources is necessary. Surface water utilization is important in the face of arsenic and salinity contamination in the ground water. Agriculture land is declining day by day. Fisheries have a good potential here. Almost every household has a pond in this area. Aquaculture projects can be taken under the supervision of Department of Fisheries.

**Dr. Md. Jasimuddin, Civil Surgeon:**

Child mortality rate is high in the coastal districts. Special health programs can be taken.

**Md. Monjur Morshed, General Manager, Jhalokati Palli Bidyut Samity:**

Implementation of the appropriate projects is the key for coastal development. Drinking water scarcity is high in the district. The people are suffering from scarcity of drinking water. Measures like rain water harvesting, pond and *dighi* excavation solely for drinking water purpose; reservation of ponds in each village can be taken.

**Mr. Shyamal Chandra Sarker, District Correspondent, ATN Bangla, Ajker Kagoj:**

Disaster information system, proper law enforcement to reduce land piracy, social forestry or participatory forestry development are important and should be included in CDS.

**Md. Nizamuddin, Deputy Director, Islamic Foundation Bangladesh:**

We should not hybrid varieties of rice and other species. Ill planned embankments cause water logging. Wildlife and bird biodiversity is lost every day. Steps are needed. Training of the women for poultry and livestock rearing is very important.

**Mr. Manik Roy, District Correspondent, Daily Janakantha, UNB, Channel-I, The Bangladesh Today, Executive Editor-Daily Satakatha:**

Community radio can be promoted for the information dissemination and awareness raising among the coastal communities on coastal development issues. Coordination among the different departments is important.

**Md. Nasir Uddin, Accountant, Bikalpa Ideal Village Development Society (BIVDS):**

Water resource management is necessary.

**Mr. Shamim Azad, Media Worker, Sreejan:**

Special health programs for the women and children can be taken in the coastal zone. To ensure the presence of the government officers in their stations, special allowance can be given in the coastal districts. River training and management is necessary. Corruption is main problem of our nation. Some measures can be suggested in the CDS to curb corruption.

**Mr. Mostofa Ekhtiar Uddin, Upazila Samaj Sheba Officer, Department of Social Services:**

The population size of the poor is important to know and for that proper survey is needed. A database on the poor people and poverty situation can be maintained in each upazila. Department of Social Services can have the responsibility of maintaining the database. Special measures should be suggested for the disabled children. The number of 'children home' should be much more increased.

**Md. Monjur Morshed, General Manager, Jhalokati Palli Bidyut Samity:**

Community based insurance programs for the fishers and industrial workers could be promoted.

**Md. Akramul Kabir Chowdhury, Executive Engineer, DPHE:**

The development strategy should be different for each district. Underground water management is important to tackle the arsenic problem. During the project planning district administration should be involved through District Development Coordination Meeting to prevent the overlapping tendency of the project. Hybrids should not be encouraged, as they will be harmful to our farmers and biodiversity.

**Mr. Hemayet Uddin Himu, MMC:**

The cultural activities should be promoted in the coastal zone. Community Radio can play an important role. We should think of 'Culture for Development'.

**Mr. Abdul Berek Faraji, President, Rajapur Press Club:**

River training is needed to prevent river erosion. Small waterways should be conserved.

**Professor Md. Rustam Ali, Principal, City Kindergarten:**

Coastal development is a huge task. Coordinated efforts of all parties are needed. To promote industrialization steps like – incentive for the industrialists, declaration of tax holidays, development of communication network is needed.

**Ms. Sultana Begum, Dist. Women Affairs Officer, Directorate of Women Affairs:**

Registered organization for women can be promoted more and more.

**Md. Showkat Nabi, DC, Jhalokati:**

The suggested measures can be divided into short term, medium term and long term plans and strategies.

**Priority Actions**

S.No.	Items	Rating
<b>Safeguarding the availability of fresh water with regionalized water management</b>		
1	Water management and rural development in Greater Noakhali (GN) area	
2	Action to mitigate drainage problems in Khulna region	2
3	Integrated management of coastal water infrastructure (Polders)	2
4	The development of an effective system of groundwater management	3
5	Strengthening sanitation and safe water supply programs in arsenic & salinity affected areas	12
<b>Optimizing use of coastal lands</b>		
6	Accreted land development and settlement: development of a sustainable process	2
7	Land use zoning for efficient use & management of land resources	2
8	Development of coastal agriculture	12
<b>Promoting economic growth emphasizing rural non-farm employment</b>		
9	Small and medium enterprise development on selected coastal trades	13
10	Development & employment generation through tourism	6
<b>Sustainable and equitable management of natural resources</b>		
11	Promotion and extension of environmental and socially responsive shrimp farming	7
12	Introduction and expansion of solar, tidal & wind energy in the remote coastal areas	4
13	Marine and coastal fisheries development program	5
<b>Environmental conservation</b>		
14	Completing and maintaining sea dykes as first level of defense against sea level rise	5
15	Strengthening of Coast Guard program for the improvement of peoples security and environmental conservation	6
<b>Improving livelihood conditions of people, specially women</b>		

Sl.No.	Items	Rating
16	Enhancement of livelihoods in chars and islands	3
17	Integrated development of remotely located island	2
18	Capacity building and skill development of female fish processors	9
19	Comprehensive rehabilitation program for erosion victims	10
20	Reduction of severe vulnerability through multi-purpose cyclone shelters - including coping mechanism	
21	Veterinary services by private practitioners	3
<b>Empowering through knowledge management</b>		
22	Knowledge management and dissemination	1
23	Regional and other framework studies	1
24	Capacity building and training	10
<b>Creating an enabling institutional environment</b>		
25	Operationalization of a Program Co-ordination Unit (PCU) at national level	1
26	Operationalization of an institutional and co-ordination mechanism involving local government at district level for the purpose of implementation	7
27	Supporting initiatives of LGIs, NGOs and media in coastal management	5
28	Empowerment through training of women members of UPs and Pourashavas	2
29	Establishment of IT supported model Unions in sea facing upazilas	6
30	Implementation of NMIDP Project	10
31	Strengthening Health and Family Planning programs	3

### List of Participants

Sl.	Name	Designation	Organization	Address	Phone/Fax/Email
1.	Dr. Md. Jasimuddin	Civil Surgeon	Department of Health	Office of the Civil Surgeon, Jhalokathi	0498-63362; 63478 (R)
2.	Md. Hasan Sikder	Staff Reporter	Dainik Ajana Barta	26, Amtala Road, Jhalokathi-8400	0498-63356
3.	Munshi Iqbal Hossain	Additional District Magistrate	Office of the Deputy Commissioner	Office of the Deputy Commissioner, Jhalokathi-8400	62978
4.	Mohammad Nurul Amin	Additional Deputy Commissioner (Rev.)	Office of the Deputy Commissioner	Office of the Deputy Commissioner, Jhalokathi-8400	0172-274538
5.	Kabita Hawlader	Media Worker	Mass-Line Media Center (MMC)	Mitu Pharmacy, Hogla Paity, Jhalokathi-8400	0176-637473
6.	Shamim Azad	Media Worker	Sreejan	Sumana Vila, 55, Masjid Bari Road, Jhalokathi-8400	0498-62137 0176-78599
7.	A.K.M. Motaleb Hossain	District Correspondent	BSS	2, Shahid Smarani Sarak, Jhalokathi-8400	62771 (Press Club) Fax same:0172-558119
8.	Md. Ashraful Islam	Executive Engineer	LGED	LGED, Jhalokathi-8400	0178-175613
9.	Ariful Haque	AGM (Member Service)	Jhalokathi Palli Bidyut Samity	Jhalokathi Palli Bidyut Samity, Protap, Jhalokathi-8400	62175, Fax:62733 <a href="mailto:jktpbs@btb.net.bd">jktpbs@btb.net.bd</a>
10.	Md. Monjur Morshed	General Manager	Jhalokathi Palli Bidyut Samity	Jhalokathi Palli Bidyut Samity, Protap, Jhalokathi-8400	62733, Fax: Same <a href="mailto:jktpbs@btb.net.bd">jktpbs@btb.net.bd</a>
11.	Nasreen Akhter	Field Organizer	Bikalpa Ideal Village Development Society (BIVDS)	Amtala, Jamir Khan Sarak, Barisal	0189-839558
12.	Md. Nasir Uddin	Accountant	Bikalpa Ideal Village Development Society (BIVDS)	Hosneara Manjil, Jamir Khan Sarak, Dakhin Alekanda, Amtala, Barisal-8200	0189-839558
13.	Muhammad Abdur Rashid	District Correspondent	Dainil Inqilab	Principal, Jhalokathi Islamia Senior Madrasa, Thana Road, Jhalokathi-8400	62409 62771 (Press Club, Jhalokathi)
14.	Shamsul Islam Chand	President, Jhalokathi Press Club	Dist. Correspondent of Dainik Ittefaq and Bangladesh Betar	Ronalds Road, Jhalokathi-8400	0498-62667, 0172-194076 Fax: 62771
15.	Md. Yusuf Ali Khan	Vice President, Banik Samity	Commissioner, Jhalokathi Pourashova	Madhya Chand Kathi, Jhalokathi-8400	62377 (R), 63315 (O) 0172-163559
16.	Md. Ali Reza	Zela Krira Officer	Dist Sports Office	Masjid Bari Road, Jhalokathi-8400	62585
17.	Al Mamun Khan (Dholu)	General Secretary	Zila Krira Sangstha, Jhalokathi	26, Kumar Paity Road, Jhalokathi-8400	62813

Sl. No.	Name	Designation	Organization	Address	Phone/Fax/Email
18.	Muhammad Shamsul Haque	Head Master	Udbodhon Secondary School	Jhalokathi-- 8400	63350
19.	Sadhan Kumar Das	Zila Children Affairs Officer	Bangladesh Shishu Academy	T & T Sarak, Pastim Chand Kathi, Jhalokathi-8400	62442
20.	Bandana Nath	Executive Director	Barisal Social Advancement Society (BSAS)	13, Parara Road, Barisal	0171-956468 0171-120700
21.	Abdul Berek Faraji	President	Rajapur Press Club	Upazila: Rajapur, Jhalokathi-8400	0188-025843
22.	Sayed Kabir Hossain	Asst Teacher	Jhalokathi Govt. High School	Purba Chand Kathi, Jhalokathi-8400	62144; 0171-316776
23.	Mahamuda Begum	Executive Director	Women Development Society	29, Kath Patty Road, Jhalokathi-8400	0171-233788
24.	Sultana Begum	Dist. Women Affairs Officer	Women Affairs Dept.	Jhalokathi - 8400	62935 (O); 63722 (R)
25.	Sabiha Ahmed	Chairperson	Jatio Mohila Sangstha, Jhalokathi	C/O Dr. T. Ahmed, Ronalds Road, Jhalokathi - 8400	63327
26.	Mrs. Bibharani Brahma	Ex. Head Mistress	Govt. Horochandra Girls High School, Jhalokathi	Mohila College Road, C/O Mir Rafiqul Islam Azam, Advocate, Jhalokathi-8400	62686
27.	Nalini Ranjan Majumder	Principal	Abdul Wahab Gazi Shishu Bidyala	Collectorate Chattar, Jhalokathi - 8400	63416
28.	Professor Md. Rustam Ali	Principal	City Kinder Garten	City Kinder Garten, Jhalokathi-8400	
29.	Mrinal Kanti Bol	Upazila Palli Unnayan Officer	BRDB	BRDB, Jhalokathi Sadar, Jhalokathi-8400	62309
30.	Dr. T. Ahmed	Private Medical Practitioner		29, Ronalds Road, Jhalokathi-8400	63327
31.	Md. Jahangir Hossain	Fram Manager, (Representative, DFO)	Dept. of Fisheries	Fish Seed Multiplication Farm, Dept. of Fisheries, Jhalokathi-8400	0172-177597 fax: 0498-63258
32.	Mostofa Ekhtiar Uddin	Upazila Samaj Sheba Officer (Rep. Deputy Director)	Department of Social Services	Upazila Samaj Sheba Office, Jhalokathi-8400	0172-109071
33.	Md. Shah Aalam Khalifa	Director	Jhalokathi Development Society (JDS)	59/A, East Chand Kathi, Jhalokathi - 8400	0176-447152 0188-300080
34.	Md. Akramul Kabir Chowdhury	Executive Engineer	DPHE	DPHE Office, Palbari, Jhalokathi-8400	62192
35.	Md. Akkas Sikder	Treasurer	Jhalokathi Press Club	61, Baher Road, Jhalokathi-8400	62444, 0172-154115 Fax: 62771
36.	Shyamal Chandra Sarker	District Correspondent	ATN Bangla, Ajker Kagoj	'Ashirbad', 261, Natun College Road, Jhalokathi - 8400	62343 (R), 0189-672891; Fax: 62771
37.	S.M.A. Rahman Kajol	Editor, Dainik Ajana Barta & Weekly Ajana Khobor	Ajana Group of Publications	1, Masjid Bari Sarak, Jhalokathi - 8400	62345; 0176-094718
38.	Nikhil Ranjan Mondal	Plant Conservation Specialist	Dept. of Agriculture Extension	Dept. of Agriculture Extension, Ronalds Road, Jhalokathi-8400	63424
39.	Prof. Md. Abdur Rob	Principal	Jhalokathi Sarkery Mohila College	Jhalokathi - 8400	62545
40.	Md. Nizamuddin	Deputy Director	Islamic Foundation Bangladesh,	Islamic Foundation, District Office, Jhalokathi - 8400	63237
41.	Manik Roy	District Correspondent	Daily Janakantha, UNB, Channel-I, The Bangladesh Today, Executive Editor-Daily Satakatha	Press Club, Jhalokathi-8400	62271 (Press Club), fax: same 0172-045717



PIROJPUR

30 March 2005



## Introduction

District level consultation meeting on CDS in Pirojpur was chaired by Mr. Pranesh Ranjan Sutradhar, ADC, Pirojpur. Mr. Md. Mansur Raja Chowdhury, Deputy Commissioner, Pirojpur was the chief guest. Dr. Khurshed Alam, Institutional Expert, PDO-ICZMP and Mr. G. J. N. Murshed, Senior Scientific Officer of WARPO were present as special guests. Md. Rafiqul Islam Panna of the facilitating NGO PDF welcomed the guests and participants. The participants were then requested to introduce by themselves. Then Mr. Mansur Raja Chowdhury gave his opening speech.

Senior National Expert, PDO-ICZMP and Mr. G. J. N. Murshed made a presentation on ICZMP project and Dr. Khurshed Alam gave a presentation on draft Coastal Development Strategy (CDS). After the presentations a tea break was given. After tea break the participants were invited to participate in open discussion on the draft CDS. The participants made their comments and recommendations on priority actions for CDS along with their concerns. Dr. Khurshed Alam and Mr. G. J. N. Murshed moderated the session. Mr. A. B. M. Golam Faruque, Scientific Officer, WARPO and Md. Sayed Iftekhar, Research Officer, PDO-ICZMP took notes on comments and recommendations.

After open discussions the participants were asked to prioritize actions for the CDS, considering the local contexts. Each of all participants voted for five 'priority actions' among from 29 proposed actions, which were listed in flip charts. They were also asked to recommend 'priority actions' beyond the listed 29, if they had any. Then the chair concluded the meeting by giving thanks to PDO-ICZMP/WARPO for organizing the consultation meeting that gave the stakeholders opportunity of making their opinion about CDS. He thanked PDF for their facilitating role in organizing the meeting. He thanked all the participants for their very spontaneous participation.

## Summary of Meeting

District	Pirojpur		
<b>Date of consultation</b>	30 March 2005		
<b>Venue</b>	Conference Room of Deputy Commissioner		
<b>Meeting started at</b>	10:47 am		
<b>Meeting concluded at</b>	1:39 pm		
<b>Chief guest</b>	Md. Mansur Raja Chowdhury, Deputy Commissioner, Pirojpur		
<b>Chair/moderator</b>	Mr. Pranesh Ranjan Sutradhar, ADC, Pirojpur		
<b>WARPO/PDO team</b>	Dr. Khurshed Alam, Mr. G. J. N. Murshed, Mr. A. B. M. Golam Faruque, Md. Sayed Iftekhar		
<b>Summary of Participants</b>	<b>Both sex</b>	<b>Female</b>	<b>Participating organizations</b>
<b>Total</b>	42	9	
Government agency	17	1	District Administration, Forest Department, Bangladesh Police, DPHE, BWDB, DWA, Dept. of Livestock, Dept. of Health, DSS, Education Department, DAE
Local government	2	2	Pirojpur Pourashava
NGOs/CBOs	9	2	Bangladesh Red Crescent Society, Gono Ummayan Samity, PDF, RIC, Sakaler Jonno Kallayan,
Civil society	7	4	Mohila Parishad, Zila Primary Teachers Association, Pirojpur Govt. Girls High School, District Lawyer's Association, Jatiyotabadi Mohila Dal, Pirojpur Town Secondary School
Mass media	7		Daily Janata, Daily Manab Zamin, Daily Ittefaq, Bangladesh Betar, Press Club, Pirojpur Mukta Barta
Private sector			
Others			
<b>Summary of comments and suggestions given by the participants</b>	<ul style="list-style-type: none"> <li>The Pirojpur district enjoys the benefits and resources of the Bay of Bengal though it is not situated on the bank of the Bay of Bengal.</li> <li>The district is under developed and backward. The communication system is not good and the economic condition of the people is not very developed.</li> </ul>		

District	Pirojpur
	<ul style="list-style-type: none"> <li>• The people of the district face different types of natural hazards like flooding, cyclone and incurring huge loss.</li> <li>• We have bitter experiences with the Sundarban Biodiversity Conservation Project. The project has started its activities in the impact zone of the Sundarban. Three upazilas of Pirojpur were included in the impact zone. But the sudden suspensions of project activities have left the beneficiaries and well wishers of the Sundarban into an awkward position. Now they are dejected. So now the people are suspicious taking part in planning of any project.</li> <li>• Tourism industry can be promoted in this region (specially Patharghata and <i>Laldia</i>) through development of the road communication (specially Char Khali – Patharghata road) and tourism infrastructures. The sea beach of the Patharghata and Sundraban can be main attractions.</li> <li>• Land management and zoning initiatives are needed for the development of the newly accreted lands. The influential people and politicians in the name of the landless grab these lands.</li> <li>• Present disaster management activity has limited interaction with the people. Through training and awareness program people's involvement in the disaster preparedness can be increased.</li> <li>• We should go for controlled and intensive shrimp cultivation. Shrimp farming is causing environmental and social disaster to us.</li> <li>• Initiatives at international level are needed to prevent salinity intrusion and environmental degradation. River erosion is a big problem.</li> <li>• People are loosing their jobs and changing occupation fast.</li> <li>• Spreading of water borne disease is very high here. Around 70% of the patients are suffering from water borne diseases.</li> <li>• In the CDS natural disaster management issues should be emphasized. We should be prepared for future attack of tsunami and earthquake.</li> <li>• <i>Parerhat</i> Bandar is the largest inland port in the southern part of the country. Measures for proper utilization of the port through developing infrastructures could be mentioned in the CDS. Modern fish processing facilities, frozen and dehydrated fish (Shark fin and zoo fish) based industries can be promoted.</li> <li>• The drinking water of this zone is affected with salt, arsenic and iron. In some areas the installation of deep tube-wells is not possible. Surface utilization should be promoted. Pipe water supply programs can be taken to supply drinking water to the growth centers.</li> <li>• The chemical fertilizer and pesticides are causing harm to our environment. Use of integrated Pest Management, soil health testing and crop suitability analysis and organic fertilizer should be promoted.</li> <li>• The Jbon Tori (Boat with medical facilities and doctors) has been proved very successful. This system can be promoted to ensure health services to the remote char and islands of the coastal zone.</li> <li>• During Khas land distribution preference should be given to the river erosion victims.</li> <li>• Communication and law and order are the two keys of development. They should be emphasized in the CDS and appropriate strategies should be built up.</li> <li>• In the PCU representatives of the direct stakeholders should be present. The Parliament Members of the coastal zone should be present as adviser.</li> <li>• Long term and short term targets and plans are needed.</li> <li>• To reduce the water crises water treatment plant can be established to desalinize and de-ironize the water.</li> <li>• Projects can be taken on geographic basis. They should be well planned and participatory formulated. Sudden terminations of the projects incur adverse effect.</li> <li>• The coastal zone is ravaged by different kind of terrorism. Women are more insecure here.</li> <li>• Employment of women is a pre-requisite. Special programs on employment generation can be developed for the women-headed households.</li> <li>• Health care and sanitation facilities should be much more improved in the remote char areas. Residential schools can be established there to ensure child education.</li> </ul>

District	Pirojpur
	<ul style="list-style-type: none"> <li>• The women members of the UPs and Pourashavas are not enjoying the real empowerment. Proper motivation and policy level support is needed.</li> <li>• We have received a lot of training. But there is no result of them. Real steps to ensure empowerment of the local government should be taken by the government.</li> <li>• In the Dublar char children are vigorously used as labor. Programs are needed to stop this immediately.</li> <li>• The guava of Pirojpur is famous. Processing industries can be promoted.</li> <li>• The title of the project on private practitioner develop can be renamed as 'Livestock resources development through supporting private sector'</li> <li>• The biogas project of LGED should be expanded to cover new areas.</li> <li>• How coordination among different departments shall be ensured. Field level set up might be needed for the coastal zone.</li> <li>• Massive plantation programs can be taken for environmental amelioration.</li> <li>• The program of ICZM is a very ambitious project. High level policy support is needed.</li> <li>• Community based radio centers can be established.</li> <li>• Knowledge management and knowledge dissemination is important for the coastal development.</li> <li>• Whether there will be any special program for the coastal chars, newly accreted lands and islands?</li> <li>• The village should be brought under township development program. Through development of cluster villages the scarce land can be utilized.</li> <li>• Law enforcement is vital for coastal development.</li> <li>• Every department has its own mandate. So revision of the mandate and working practices of the departments are important to ensure coordination and integration.</li> </ul>

### Comments and recommendations

#### **Md. Mansur Raja Chowdhury, Deputy Commissioner, Pirojpur:**

The Pirojpur district enjoys the benefits and resources of the Bay of Bengal though it is not situated on the bank of it. The district is under developed and backward. The communication system is not good and the economic condition of the people is not very developed. The people of the district face different types of natural hazards like flooding, cyclone and incurring huge loss.

#### **Md. Muniruzzaman Nasim Ali, Staff Reporter, Daily Ittefaq:**

We have bitter experiences with the Sundarban Biodiversity Conservation Project. The project started its activities in the impact zone of the Sundarban. Three upazilas of the Pirojpur district were included in the impact zone. But the sudden suspensions of project activities have left the beneficiaries and well-wishers of the Sundarban into an awkward position. Now they are dejected. So people suspicious about planning of new project.

Tourism industry can be promoted in this region (specially Patharghata and Laldia) through development of the road communication (specially Char Khali – Patharghata road) and tourism infrastructures. The sea beach of the Patharghata and Sundarban can be main attractions.

Land management and zoning initiatives are needed for the development of the newly accreted lands. The influential people and politicians in the name of the landless grab these lands.

Present disaster management activity has limited interaction with the people. Through training and awareness program people's involvement in the disaster management program can be increased.

We should go for controlled and intensive shrimp cultivation. Shrimp farming is causing environmental and social disaster to us.

Initiatives at international level are needed to prevent salinity intrusion and environmental degradation. River erosion is a big problem.

**Mr. Ziaul Ahsan, Executive Director, Pirojpur Gono Unnayan Samity:**

People are loosing their jobs and changing occupation fast. Spreading of water borne disease is very high here. Around 70% of the patients are suffering from water borne diseases. In the CDS natural disaster management issues should be emphasized. We should be prepared for future attack of tsunami and earthquake.

The *Parerhat Bandar* is the largest inland port in the southern part of the country. Measures for proper utilization of the port through developing infrastructures could be mentioned in the CDS. Modern fish processing facilities, frozen and dehydrated fish (Shark fin and zoo fish) based industries can be promoted. The drinking water of this zone is affected with salt, arsenic and iron. In some areas the installation of deep tube-wells is not possible. Utilization of surface water should be promoted. Pipe water supply programs can be taken to supply drinking water to the 'growth centers'. The chemical fertilizer and pesticides are causing harm to our environment. Use of integrated Pest Management, soil fertility testing and crop suitability analysis and organic fertilizer should be promoted.

The *Jibon Tori* (Boat with medical facilities and doctors) has been proved very successful. This system can be promoted to ensure health services to the remote char and islands of the coastal zone. Preference should be given to the river erosion victims in Khas land distribution.

**Advocate Mahmud Hossain, Dist. Correspondent, Bangladesh Betar & UNB:**

Communication and law and order are the two keys of development. They should be emphasized in the CDS and appropriate strategies should be built up. Representatives of the direct stakeholders should be there in the PCU and the Parliament Members of the coastal zone should as advisers. Long term and short term targets and plans are needed. To reduce the water crisis water treatment plant can be established to desalinize and de-ironize the water. Projects can be taken on geographic basis. They should be well planned and formulated participatory. Sudden termination of the projects incurs adverse effect.

**Ms. Monika Mandol, President, Mohila Parisad:**

The coastal zone is ravaged by different kind of terrorism. Women are more insecure here. Employment of women is a pre-requisite. Special programs on employment generation can be developed for the women-headed households. Health care and sanitation facilities should be much more improved in the remote char areas. Residential schools can be established there to ensure children education. The women members of the Union Parishad and Pourashavas are not empowered. Proper motivation and policy support is needed.

**Ms. Nasima Akhter, Mohila Commissioner, Pirojpur Pourasabha:**

We have received a lot of training. But there is no result of them. Real steps to ensure empowerment of the local government should be taken by the government.

**Mr. S.M. Parvez, District Correspondent, BTV & Daily Jugantor:**

In Dublar char children are vigorously used as labor. Programs are needed to stop this immediately. The guava of Pirojpur is famous. Processing industries can be promoted.

**Md. Fazlur Rahman, District Livestock Officer, Department of Livestock:**

The title of the project on 'private practitioners develop' can be renamed as 'Livestock resources development through supporting private sector'. The biogas project of LGED should be expanded to cover new areas.

**Md. Razzak Mallik, U.P.C., Shokoler Jonno kallayan:**

How coordination among different departments shall be ensured. Field level set up might be needed for the coastal zone. Massive plantation programs can be taken for environmental amelioration.

**Md. Muniruzzaman Nasim Ali, Staff Reporter, Daily Ittefaq:**

The program of ICZM is a very ambitious project. High level policy support is needed. Community based radio centers can be established.

**Md. Akramul Kabir Chowdhury, Executive Engineer, DPHE:**

Knowledge management and knowledge dissemination is important for the coastal development.

**Md. Mansur Raja Chowdhury, Deputy Commissioner:**

Whether there will be any special program for the coastal chars, newly accreted lands and islands? The village should be brought under township development program. Through development of cluster villages the scarce land can be utilized. Law enforcement is vital for coastal development. Every department has its own mandate. So revision of the mandate and working practices of the departments are important to ensure coordination and integration.

**Priority Actions**

Sl.No.	Items	Rating
<b>Safeguarding the availability of fresh water with regionalized water management</b>		
1	Water management and rural development in Greater Noakhali (GN) area	1
2	Action to mitigate drainage problems in Khulna region	2
3	Integrated management of coastal water infrastructure (Polders)	1
4	The development of an effective system of groundwater management	4
5	Strengthening sanitation and safe water supply programs in arsenic & salinity affected areas	20
<b>Optimizing use of coastal lands</b>		
6	Accreted land development and settlement: development of a sustainable process	9
7	Land use zoning for efficient use & management of land resources	1
8	Development of coastal agriculture	9
<b>Promoting economic growth emphasizing rural non-farm employment</b>		
9	Small and medium enterprise development on selected coastal trades	12
10	Development & employment generation through tourism	8
<b>Sustainable and equitable management of natural resources</b>		
11	Promotion and extension of environmental and socially responsive shrimp farming	4
12	Introduction and expansion of solar, tidal & wind energy in the remote coastal areas	
13	Marine and coastal fisheries development program	3
<b>Environmental conservation</b>		
14	Completing and maintaining sea dykes as first level of defense against sea level rise	4
15	Strengthening of Coast Guard program for the improvement of peoples security and environmental conservation	6
<b>Improving livelihood conditions of people, specially women</b>		
16	Enhancement of livelihoods in chars and islands	13
17	Integrated development of remotely located island	3
18	Capacity building and skill development of female fish processors	1
19	Comprehensive rehabilitation program for erosion victims	12
20	Reduction of severe vulnerability through multi-purpose cyclone shelters - including coping mechanism	2
21	Veterinary services by private practitioners	4
<b>Empowering through knowledge management</b>		
22	Knowledge management and dissemination	7
23	Regional and other framework studies	
24	Capacity building and training	9
<b>Creating an enabling institutional environment</b>		

Sl.No.	Items	Rating
25	Operationalization of a Program Co-ordination Unit (PCU) at national level	2
26	Operationalization of an institutional and co-ordination mechanism involving local government at district level for the purpose of implementation	4
27	Supporting initiatives of LGIs, NGOs and media in coastal management	7
28	Empowerment through training of women members of UPs and Pourashavas	13
29	Establishment of IT supported model Unions in sea facing upazilas	1
30	Plantation in coastal chars	1

### List of Participants

Sl.	Name	Designation	Organization	Address	Phone/Fax/Email
1.	Md. Mansur Raja Chowdhury	Deputy Commissioner, Pirojpur		Office of the Deputy Commissioner, Pirojpur	62400
2.	Raoshan Akhter	General Secretary	Zila Primary Teachers' Association, Pirojpur	Hospital Road, Pirojpur	0176-068411
3.	A.K Azad	District Correspondent	Daily Janata	Hospital Road, Pirojpur	0171-316363
4.	Nasima Akhter	Mohila Commissioner	Pirojpur Pourasabha	Hospital Road, Pirojpur	62554
5.	Kashyapi Bikash Chandra	Asst. Conservator of Forest	Forest Department	Social Forest Divn., Forest Department, Pirojpur	62435
6.	Proshanta Guh	Office Assistant	Office of the Deputy Commissioner, Pirojpur	Office of the Dty. Commissioner, Pirojpur	0172-110298
7.	Bhuiyan Md. Ataur Rahman	Chief Executive Officer (DS), Zila Parisad	Zila Parisad	Zila Parisad, Pirojpur-8500	0461-62407(O); 62533 (R)
8.	Md. Rafiqul Islam Panna	Executive Director	People's Development Foundation (PDF)	Maternity Road, Pirojpur-8500	0461-62952 (O) 0172-036870
9.	Pranesh Ranjan Sutradhar	Additional Deputy Commissioner	Office of the Deputy Commissioner, Pirojpur	Office of the Deputy Commissioner, Pirojpur	0461-62314 Fax:62429
10.	Md. Fasiul Islam Bachchu	Dist. Correspondent	Daily Manab Zamin	Khumuria, Pirojpur-8500	0461-63102; 0172-507706; Fax:63102
11.	Rama Rani Saha	Teacher	Pirojpur Govt. Girls High School	Pirojpur Govt. Girls High School, Pirojpur	62568
12.	Anupam Barua	N.D.C. (In Charge)	Office of the Deputy Commissioner, Pirojpur	Office of the Deputy Commissioner, Pirojpur	0461-62319
13.	Minara Mahub	Commissioner	Pirojpur Pourasabha	Pirojpur Pourasabha, Rajarhat Road, Pirojpur	62756
14.	Sayed Sabbir Ahmed	General Secretary	District Lawyers' Association	Pirojpur	62350; 0171-457463
15.	Md. Muniruzzaman Nasim Ali	Staff Reporter	Daily Ittefaq	Thana Road, Pirojpur-8500	0461-62665, 62445, 62225; 0171-397327 <a href="mailto:dabpiroj@btb.net.bd">dabpiroj@btb.net.bd</a>
16.	Mizanur Rahman	Assistant Director	Bangladesh Red Crescent Society, Pirojpur	Bangladesh Red Crescent Society, Pirojpur Unit, Pirojpur	0171-261282
17.	Momtaj Begum	Assistant Head Mistress	Pirojpur Govt. Girls High School	Pirojpur	062 414
18.	Hosneara Bula		Jayiatabadi Mohila Dal	Rajarhat Road, Pirojpur	62818; 0176-046159 0172-055656
19.	Advocate Mahmud Hossain	Dist. Correspondent Bangladesh Betar	Bangladesh Betar & UNB	Sadar Road P.O.+ Dist.: Pirojpur	0461-62489 (R) 0178-076256
20.	Ziaul Ahsan	Executive Director	Pirojpur Gono Unnayan Samity	Parerhat Road Pirojpur-8500	0461-62610, 62410 (R) 0171-572943
21.	Quazi Mujibur Rahman	Head Master	Pirojpur Town Secondary School	345, Post Office Road Pirojpur-8500	0461-62606
22.	Md. Jahirul Haque Titu	General Secretary, Pirojpur Press Club	Dist. Correspondent-Dainik Dinkal; Editor- Weekly Pirojpur Khabar	132, Ukilpara Sarak, Pirojpur-8500	0461-62972; 0171-391346
23.	Md. Amzad Hossain	Court Inspector Pirojpur		Pirojpur Police Club, Pirojpur	0172-121497
24.	Monika Mandol	President	Mohila Parisad	Uttar Para, Pirojpur	62382
25.	Shamima Rani	Executive Director	Shokoler Jonno Kallayan	Shankar Pasha, Parerhat, Pirojpur	0171-188970

Sl. No	Name	Designation	Organization	Address	Phone/Fax/Email
26.	Md. Akramul Kabir Chowdhury	Executive Engineer	DPHE, Pirojpur	Office of the Executive Engr., DPHE, Palpara, Pirojpur	0461-62380
27.	Md. Shahidul Islam	Executive Engineer	Bangladesh Water Development Board	Pirojpur O&M Division, BWDB, Rajarhat, Pirojpur	0461-62417 Fax:same
28.	Md. Marufuzzaman	Officer	Directorate of Women Affairs	Pirojpur	63085
29.	Md. Fazlur Rahman	District Livestock Officer	Department of Livestock	District Livestock Office, Pirojpur	0461-62361 Fax: same
30.	Dr. Abdul Khaleque Sikder	Civil Surgeon, Pirojpur	Department of Health	Office of the Civil Surgeon, Pirojpur	0461-62330 0172-203185
31.	Md. Nadim	Area Manger	Resource Integration Centre (RIC)	9/2, Block-D, Lalmatia, Dhaka-1207 Area Office: RIC Pirojpur, Maturity Road, Pirojpur-8500	Head Office-8118475, 0171-548790 Area Office: 62364, 0172-998055
32.	Md. Mofazzel Hossain Chowdy.	Samaj Seba Officer	Department of Social Services, Pirojpur	Kheya Bhaban, 330-Parerhat Sarak, Pirojpur	62674
33.	Syed Md. Shah Alam (Advocate)	Secretary, Pirojpur Red Crescent unit	Red Crescent	Sikerpur, Pirojpur	
34.	S.M. Sohel Billah Kajol	Editor, Pirojpur Mukta Barta	Pirojpur Mukta Barta	106, Parerhat Road, Pirojpur	0461-61508 0171-823957
35.	Muhd. Ruhul Amin	District Education Officer	Department of Education	Dist. Education Office, Pirojpur	62399, 62568 0172-095601
36.	S.M. Parvez	District Correspondent of BTv, Jugantor	Pirojpur Press Club	Hasina Manjil, Shamim pur Sarak, Pirojpur	0462-62558 0172-640328
37.	Gazi Md. Abdus Sottar	Office Assistant (Relif Section)	Office of the Deputy Commissioner	Office of the Dty. Commissioner, Pirojpur	62352
38.	Shahida Sultana	Assistant Commissioner	Pirojpur Collectorate	Deputy Director, Local Govt., Pirojpur Collectorate, Pirojpur	0461-62538 <a href="mailto:shahida_sultana@yahoo.com">shahida_sultana@yahoo.com</a>
39.	Md. Shamsul Haque	Crop Production Specialist	Dept. of Agri. Extension	Office of the DAE, Narail Para, Pirojpur	62461
40.	Zinat Rehana	Project Officer, Nari Adhikar Prokalpa	PDF	Pacific House, Matrisadan Road, Pirojpur	0461-62952
41.	Md Razzak Mallik	U.P.C	Shkoler Jonno kallayan	Shankar Pasha, Pirojpur	0171-188970
42.	Md. Mostafa Kamal	Project Officer	PDF	Matrisadan Road, Pirojpur-8500	0461-62952 (O) 0178-502194



SHARIATPUR

31 March 2005



## Introduction

The meeting started at 10:00. Mr. Md Hasan Imam, DC Shariatpur chaired the meeting. Mr. Mohammad Showkat Osman (Research Officer, PDO-ICZMP) welcomed all and introduced the WARPO/PDO team. He then briefly described the program of the meeting.

The working session was comprised of two presentations. Dr Aminul Haque (SO, WARPO) presented a brief overview of ICZMP project (Objectives, outputs and current activities). Dr. Hamidul Haq (Sector Strategic Facilitator, PDO-ICZMP) then presented the draft outline of the Coastal Development Strategy (CDS).

The meeting was then opened for discussion. Dr. Hamidul Haq moderated the session.

After the open discussion, the participants were requested to select five priority actions for their district from a proposed list of 29.

The chairperson then concluded the meeting thanking all the participants, especially women participants for sharing their experiences and suggestions. He also thanked WARPO/PDO for arranging such consultation and expressed his hope that a comprehensive Coastal Development Strategy would be formulated through this consultation.

## Summary of Meeting

District	Shariatpur		
<b>Date</b>	31 March 2005		
<b>Venue</b>	Conference Room of Deputy Commissioner		
<b>Starting time</b>	10:00 am		
<b>Closing time</b>	13:00 pm		
<b>Chief guest</b>			
<b>Chair</b>	Md Hasan Imam, Deputy Commissioner, Shariatpur		
<b>WARPO/PDO team</b>	Dr. Hamidul Haq, Dr. Aminul Haque, Mohammad Showkat Osman, A. K. M. Khusrul Amin		
Summary of participants	Both sex	Female	Participating Organisations
	Total		
Government Agency	49	9	District Administration, Upazila Administrations, Department of Agriculture Extension (DAE), Department of Fisheries (DoF), Bangladesh Water Development Board (BWDB), Local Government Engineering Department (LGED), Bangladesh Rural Development Board (BRDB), Forest Department (FD), Health Department, Department of Public Health Engineering (DPHE), District Information Office, Department of Primary Education
Local Government	22	0	Rudrakar Union Parisad, Tularsar Union Parisad, Sariatpur Poursava
NGOs	5	3	BRAC-NNP, SODEP, SDS, SVDS
Civil Society	4	1	Lawyers' Association Shariatpur, Shariatpur Govt. College, Madaripur Legal Aid Association
Mass Media	5	3	Bangladesh Betar, Daily Janokantha, Daily Inqilab, Daily Hunkar, NT, ATN Bangla, BSS, Weekly Barta Bazar, Daily Bhorer Dak.
Private Sector	8	0	
CBOs			
	4	2	Dakhin kandi Khudra Krisak Sangathon, Baro Shandiwp Mohila Bittohin Dal (BRDB), Altakuri Huar Garia Pani Babosthapana Samabay Samitee Ltd.
Others	1	0	Shariatpur Palli Biddut Samity
<b>Summary of comments and suggestions from the participants</b>	<ul style="list-style-type: none"> <li>• Communication network (road and water-ways) need to be improved.</li> <li>• Construction of embankment (Sureswar project) is badly needed for Sariatpur.</li> <li>• River dredging and re-excavation of khals are essential.</li> </ul>		

District	Shariatpur
	<ul style="list-style-type: none"> <li>• Number of shelter (both for human and cattle) center must be increased.</li> <li>• School and existing flood shelters should be converted into multipurpose centers.</li> <li>• Emphasis should be given on agriculture.</li> <li>• Char lands should be distributed among genuine landless people.</li> <li>• New employment opportunities should be created.</li> <li>• Strategy should be designed on the basis of survey/study of local contexts.</li> <li>• Stakeholders should be consulted in planning of any development project.</li> <li>• Inter-agency co-ordination should be established among different govt. agencies.</li> <li>• Empowerment of women must be ensured.</li> <li>• Training program should be arranged for women to create awareness.</li> <li>• Emphasis should be given on poultry and cottage industries for creating employment opportunities for women.</li> <li>• Health facilities (specially for women) need to be improved.</li> <li>• Alternate employment opportunities must be created to stop catching <i>Jatka</i>.</li> <li>• To mitigate arsenic problem emphasis should be given on rainwater harvesting, pond excavation/preservation and installation of more deep tube wells.</li> <li>• Identification of 'arsenic free' shallow tube wells and collect water from them could be another option to mitigate arsenic problem.</li> <li>• Saline water intrusion is a major problem of Sariatpur.</li> <li>• Flood could be used as a criterion to delineate coastal zone.</li> <li>• Future Sea level rise must be given proper attention.</li> <li>• Processing, storage and marketing facilities are required for substantial development of Sariatpur.</li> <li>• Continuous media coverage on awareness program for disaster preparedness is needed throughout the year.</li> <li>• Shrimp culture should be made environment friendly.</li> <li>• Some areas of Sariatpur are potential for Prawn culture.</li> <li>• Use of ground water should be restricted.</li> <li>• Unplanned construction of infrastructures is creating drainage congestions and hazards.</li> <li>• Seasonal croplands must be brought under regular cultivation.</li> <li>• Agro based industries, factories should be established here to ensure better price of agricultural product.</li> <li>• Beef fattening program, tree pants nursery, and flower cultivation could create new employment opportunities.</li> <li>• Education must be ensured for the children of fisher communities.</li> <li>• Fruits processing small industries should be established in Sariatpur</li> </ul>

## Comments and Recommendations

### **Gazi Md. Asaduzzaman Kabir (Asstt. Commissioner)**

Communication network in Sariatpur is very poor, both roads and waterways. Embankments in the proposed Sureswar project could provide better road communication facility for this area; govt. should implement this project before long. River dredging is needed to recover the waterways. Number of shelter center should be increased; multipurpose use of these shelters must be ensured. Khals should be re-excavated/recovered to remove drainage congestion.

### **S.M.A. Mahmud Altaf (S.V.D.S.):**

Emphasis should be given on agriculture. Inter-upazila road communications need to be improved. Char lands should be distributed among genuine landless people. Employment opportunity should be created for land less people through cottage industries and poultry.

**Md. Salahuddin (Asst. Engr. BWDB):**

Strategy should be taken on the basis of local survey. Dredging is required to ensure free flow of rivers. Communication network should be improved. Stakeholders should be consulted in planning of any development project.

**Rowshan Ara Begum (Advocate):**

BWDB, Forest Department and other agencies should work together for development of coastal zone. Construction of embankment (Sureswar project) is badly needed for Sariatpur.

**Rokeya Akter (Women Ward Commissioner, Shariatpur Pourashava):**

Empowerment of women is in the writings; but in the real life they are not getting enough power. Training program is needed for women commissioner, so that they can use their power properly. Employment opportunities for women must be increased by establish more poultry farm, cottage industries. Health facilities are not adequate in the rural areas, people would be benefited if community clinic could established in the remote areas.

**Dinesh Chandra Halder (Executive Engineer, LGED)**

Alternate employment opportunity must be created for small farmers and artisanal fishers to prevent juvenile Hilsha catch. Installing more deep wells could ensure availability of arsenic-free water; rainwater harvesting should also be encouraged.

**Md. Farhad Hossain (BRDB):**

Rainwater could be preserved in high reservoirs (rainwater harvesting) to mitigate arsenic problem.

**Priya Lal Sarker (Vice Principal, Shariatpur Govt. College)**

Saline water intrusion is a major problem of Sariatpur, this should be given proper attention. Construction of embankment could be a solution to this problem. Road communication must be improved for post cyclone rehabilitation.

**G.M. Saleh Uddin (Additional District Magistrate):**

Flood could be used as a criterion to delineate coastal zone. Is there any suggestion about how to mitigate the problem of future sea level rise? Deep tube well is the best option to mitigate arsenic problem but it is costly. About 50% of the shallow tube wells are free of arsenic contamination; water could be collected from these tube wells by identifying them. Long-term projects are required for sustainable development of coastal zone.

**Amala Das (SDS)**

Fisher communities in the coastal zone are the most underprivileged. Most of the year they have no job, alternate employment opportunity must be created for them, especially for the women. Employment opportunity could be created for the women of fisher communities by encouraging and providing adequate facilities (communication network, micro credit) for cottage industry.

**Shahnaz Parvin (Baro shandiwp Mohila Bittihin dal)**

NGOs could play a vital role in creating awareness among the poor people about mass education.

**Sufia Begum (Women UP Member):**

Communication network is very poor, no flood shelter or schools, tube wells are arsenic contaminated.

**Maksuda Khatun (Asstt. Professor, Shariatpur Govt. College)**

Industries like cold storage, processing plant should be established. Micro credit should be distributed to women for creating employment opportunities; training program should be arranged

for them. Shelter center for cattle's is needed. Awareness program for disaster preparedness should continue throughout the year in the media.

**Md. Abul Basar (Daily Janakantha):**

Gypsy tribal group should be rehabilitated, alternate employment opportunity should be created for them. Alternate employment opportunity should also create for potters. There are about 5000 fishers in the Vederganj, during Nov-May they have no other job than catching juvenile Hilsha. Alternate employment must be created for them to stop juvenile Hilsha catch.

**Ms. Salina Majib (Altakuri Huar Garia Pani Babosthapana Samabay Samittee Ltd)**

Road communication should be improved. During the rainy season, roads are goes under water; students can't attend school.

**A.S.M. Rashedul Haque (Department of Fisheries)**

Inter agency co-ordination should be established between BWDB, DoF and DRR to prevent juvenile Hilsha catch. Shrimp culture should be made environmental friendly giving proper attention to the availability of fresh water. Prawn culture has great potential in some areas of Sariatpur. However, for sustainable development, Sariatpur must be made a flood free zone. In the developed country, use of ground water is restricted, we also have do so; else soon we would find arsenic in deep tube well.

**Md. Azizur Rahman (UNO, Naria)**

Emphasis should be given on cottage industries for creating employment for women. Unplanned construction of infrastructures is one of the main reasons of water logging; immediate action must be taken to remove drainage congestion. Killas and shelters should construct in the char areas to protect human and cattle from natural disaster.

**Dr. Md. Shahid Uddin (Civil Surgeon)**

Integrated project should be taken for the development of coastal zone. Excavation of new pond and preservation of existing ponds could be a way to mitigate arsenic problem. There is need of more killas and shelters in the char areas of Sariatpur.

**Md. Shahjahan Miah (DD, DAE):**

Seasonal agricultural lands must brought under regular cultivation. Agro based industries, factories should establish here to ensure better price of agricultural product. Sariatpur is very much suitable for growing spices and condiments, but there are no storage facilities; establishment of storage facilities would encourage more farmers towards spices and condiments production. Schools in the char areas could be converted into multipurpose shelters.

**Mizanur Rahman (UNO, Jajira)**

Beef fattening program could influence the economy of this locality. Employment opportunity could be created for artisanal fishers by encouraging nursery and flower cultivation. Education must be ensured for the children of fisher communities.

**Md. Bazlur Rashid (Dakhin kandi Khudra Krisak Sangathon):**

Road should be constructed considering the flood level, bridges should be designed such way that it does not create obstruction in waterways. Tamato and Chalta grown in large scale in Sariatpur, so emphasis should be given on pickle base small industries.

**Vote of Thanks from Dr. Hamidul Huq (PDO-ICZMP):**

“Thanks to all of you on the behalf of WARPO/PDO team for attending the meeting. Most of the action you proposed has already been included in the CDS. However your suggestions have been documented and will be incorporated in the final version of the Coastal Development Strategy.”

**Priority Actions**

Sl.No.	Items	Rating
<b>Safeguarding the availability of fresh water with regionalized water management</b>		
1	Water management and rural development in Greater Noakhali (GN) area	
2	Action to mitigate drainage problems in Khulna region	1
3	Integrated management of coastal water infrastructure (Polders)	3
4	The development of an effective system of groundwater management	4
5	Strengthening sanitation and safe water supply programs in arsenic & salinity affected areas	20
<b>Optimizing use of coastal lands</b>		
6	Accreted land development and settlement: development of a sustainable process	2
7	Land use zoning for efficient use & management of land resources	3
8	Development of coastal agriculture	9
<b>Promoting economic growth emphasizing rural non-farm employment</b>		
9	Small and medium enterprise development on selected coastal trades	17
10	Development & employment generation through tourism	
<b>Sustainable and equitable management of natural resources</b>		
11	Promotion and extension of environmental and socially responsive shrimp farming	
12	Introduction and expansion of solar, tidal & wind energy in the remote coastal areas	1
13	Marine and coastal fisheries development program	2
<b>Environmental conservation</b>		
14	Completing and maintaining dykes as defense against flood and sea level rise	23
15	Strengthening of Coast Guard program for the improvement of peoples security and environmental conservation	1
<b>Improving livelihood conditions of people, specially women</b>		
16	Enhancement of livelihoods in chars and islands	4
17	Integrated development of remotely located island	2
18	Capacity building and skill development of female fish processors	5
19	Comprehensive rehabilitation program for erosion victims	8
20	Reduction of severe vulnerability through multi-purpose cyclone shelters - including coping mechanism	16
21	Veterinary services by private practitioners	4
<b>Empowering through knowledge management</b>		
22	Knowledge management and dissemination	3
23	Regional and other framework studies	1
24	Capacity building and training	12
<b>Creating an enabling institutional environment</b>		
25	Operationalization of a Program Co-ordination Unit (PCU) at national level	1
26	Operationalization of an institutional and co-ordination mechanism involving local government at district level for the purpose of implementation	2
27	Supporting initiatives of LGIs, NGOs and media in coastal management	11
28	Empowerment through training of women members of UPs and Pourashavas	6
29	Establishment of IT supported model Unions in sea facing upazilas	3
30	Improvement of communication network	3
31	Green belt program	2
32	Birth control	17
33	Environment friendly factories for fish-fry/processing	2

## List of Participants

Sl.	Name	Designation	Organization	Address	Phone/Fax/Email
1.	Md. Jahurul Islam	Assitt. Commissioner	Deputy Commissioner's Office	Shariatpur	0175052804
2.	Abu Taher Sayeed	Asstt. Commissioner & 1 <sup>st</sup> Class Magistrate	Deputy Commissioner's Office	Shariatpur	0175035356
3.	Md. Tofazzal Hossain	Asstt. Commissioner	Deputy Commissioner's Office	Shariatpur	0601-55663
4.	Md. Alamgir Hossain	Asstt. Commissioner	Deputy Commissioner's Office	Shariatpur	0601-55724 fax: 55667
5.	Anup Kumar Talukder	Asstt. Commissioner	Deputy Commissioner's Office	Shariatpur	0601-55724, fax: 55667 <a href="mailto:a_talukder@yahoo.com">a_talukder@yahoo.com</a>
6.	Gazi Md. Asaduzzaman Kabir	Asstt. Commissioner	Deputy Commissioner's Office	Shariatpur	0601-55565, 55534 (R) 0171980094
7.	G.M. Saleh Uddin	Additional District Magistrate	District Administration	Shariatpur	0601-55511, 55522 (R) fax:55766
8.	Khondker Shahe Alam Hossain	District Information Officer	District Information Office	Shariatpur	0601-55631 fax:55631
9.	S.M.A. Mahmud Altaf, S.V.D.S.	Executive Director	Shariatpur Various Development Society	Maddayo Palong Jame Masjid Sarak, Shariatpur	0601-61082 0172029456
10.	Md. Kamruzzaman	Regional Manager	BRAC-NNP	BRAC Regional Office, Shariatpur	0189913860
11.	Md. Shahidullah	Sub-Divisional Engineer	Bangladesh Water Development Board	Shariatpur O&M Sub Division, BWDB, Shariatpur	55411
12.	Md. Salahuddin	Asstt. Engineer (I/C)	Bangladesh Water Development Board	Shariatpur O&M Sub Division, BWDB, Shariatpur	0601-55411
13.	Ms. Salina Majib	Asstt. Accountant	Altakuri Huar Garia Pani Babosthapanana Samabay Samittee Ltd.	Vill: Altakuri; PO: Kaneshawr PS: Damudda; Shariatpur	
14.	Md. Habibullah Khan	President	Altakuri Huar Garia Pani Babosthapanana Samabay Samittee Ltd.	Vill: Altakuri; PO: Kaneshawr PS: Damudda; Shariatpur	0176031879
15.	Md. Abul Bashar	Shariatpur District Correspondent	Daily Janokhantho & The Bangladesh Observer	Daily Hungker Office, Bot tola, Shariatpur	0189962815 fax: 0601-55452
16.	Md. Golam Mostofa	Sub-divisional Engineer	Roads & Highways	Shariatpur	0601-55551
17.	A.S.M. Rashedul Haque	District Fishery Officer	Department of Fisheries	District Fishery Office, Shariatpur	0601-55656
18.	Md. Abdul Matin	General Manager	Shariatpur PBS	Narabala Khana, Palong, Shariatpur	0601-55605; 0176853706 <a href="mailto:gmpbsr@gmail.com">gmpbsr@gmail.com</a>
19.	Md. Monibur Rahman Miah	District Primary Education Officer	Department of Primary Education	D.P.E.O, Shamatpur	0601-55639
20.	Md. Azizur Rahman	Upazila Nirbahi Officer	Naria	Upazila Nirbahi Officer, Naria, Shariatpur	0601-59101
21.	Rowshan Ara Begum	Advocate		Zella Ainjeebi Samity, Shariatpur	0172806999
22.	Rokeya Akter	Mohila Commissioner	Shariatpur Pourashava	Vill: Tulasar, PO+PS : Palong, Shariatpur Sadar	0189018868 0178119408
23.	Jobaida Begum	Legal Aid Worker	Madaripur Legal Aid Association, Shariatpur District Office	C/O: A. Razzak Talukder, Accountant, Civil Surgeon Officer, Shariatpur	
24.	Kulshum Begum	UP Member	Tulashar Union Parishad	Rajganj, Vill: Dakhin Goadi, Tulashar, Shariatpur	
25.	Sufia Begum	Mohila UP Member	Rudrakar UP	Rudrakar, Shariatpur	
26.	Shahnaz Parveen	Member	Baro Shandiwp Mohila Bittohin Dal, BRDB	Vill: Paschim Atpara, Union: Chikandi, Sariatpur	01728168327
27.	Md. Ashraf Ali	Sub-Asstt. Engineer	DPHE	DPHE, Shariatpur	0601-55644
28.	Md. Mahbubur Rahman	Shariatpur District Correspondent	BSS	PO+PS : Palong, Sadar Road, Shariatpur	0172235101, 0188355824
29.	Md. Farhad Hossain	Upazila Rural Development Officer	BRDB	Shariatpur	0601-55746
30.	Md. Hasan Mas Ud Khan	Shariatpur District Correspondent	Weekly Barta Bazar	Sadar Road, Shariatpur	
31.	MA. Harun- Or-	District	Daily Vorer Dak and	Daily Hungker Office, Bot tola,	0172-712922

Sl.	Name	Designation	Organization	Address	Phone/Fax/Email
	Rashid (Harun)	Correspondent	News Editor, Daily Hungker	Shariatpur,	fax: 0601-55452
32.	Rakonuzzaman Parvez	District Correspondent	ATN Bangla	Daily Hungker Office, Bot tola, Shariatpur,	0189048718 fax: 0601-55452
33.	Mafizur Rahman Ripon	District Correspondent	ATN Bangla	Vill: Upshi, PO: Upshi, Upazila: Naria, Shariatpur	0178175814 55686: 55452
34.	Maksuda Khatun	Asstt. Professor, Political Science	Shariatpur Govt. College	Shariatpur	0601-61259
35.	Priya Lal Sarker	Vice Principal	Shariatpur Govt. College	Shariatpur	0601-55676
36.	Alhaj Md. Habibur Rahman Habib	District Correspondent, Daily Inquilab	Editor & Publisher of Daily Hungker	Daily Hungker Office, Bot tola, Shariatpur	0601-55452 (fax same) 0172507527, 0172712922
37.	M. Shamim Khandker	Executive Director	Social Development Program	Sadar Road, Shariatpur	0173-017116 0601-55579 (O), 61076
38.	Md. Bazlur Rashid	General Secretary	Dakhin kandi Khudra Krisak Sangathon	Vill: Dakhin Kandi, PO: Majumder Kandi, PS: Palong, Shariatpur	0174056088
39.	Md. Abul Hossain Sarder	Shariatpur District Reporter, BTV	Reporter, Press Club, Shariatpur	Tania Telecom Services, Hospital Road, Shariatpur	0171046421 0601-61049
40.	Mahmudul Hasan	Deputy Director, Local Govt.	Office of the Deputy Commissioner	Shariatpur	0601-55548
41.	Md. Al - Amin Faisal	Asstt. Engineer	LGED, Shariatpur	LGED, Shariatpur	0601-55664
42.	Dinesh Chandra Halder	Executive Engineer	LGED	LGED Bhaban, Shariatpur	55581
43.	Md. Rashidul Hasan Masum, Advocate	President	District Lawyer Association, Shariatpur	Lawyer Association, Shariatpur	55450, 0172570959
44.	Rawnak Mahmud	Upazila Nirbahi Officer	Shariatpur sadar Upazila	Upazila Nirbahi Office, Shariatpur Sadar, Shariatpur	55652 (O), 55660 (R)
45.	Md. Shahjahan Miah	Deputy Director	Department of Agriculture Extension	Khamarbari, Shariatpur	0601-55611 (O) 0601-55622 (R)
46.	Md. Jahir Uddin Talukder	Chairman	Rudrakar UP	Vill: Charbasundi PO: Subchani Hat PS: Palong, Shariatpur	0176205084, 55467
47.	Md. Mahbub Morshed Tipu	Chairman	Tulasar UP	Tulasar Shariatpur Sadar, Shariatpur	0176427392
48.	Dr. Md. Shahid Uddin	Civil Surgeon	Shariatpur	Civil Surgeon's Office, Shariatpur	0601-55560 fax: 0601-55988
49.	Amala Das	Program Officer, Cash for Work Project	Shariatpur Development Society (SDS)	Sadar Road, Shariatpur	0601-55554, 55434



BARGUNA

02 April 2005



## Introduction

District level consultation meeting on CDS in Barguna was chaired by Mr. Mashiur Rahman, ADC (General), Barguna. Mr. Md. Zakir Ahmed, Deputy Commissioner, Barguna was the chief guest. Dr. Khurshed Alam, Institutional Expert, PDO-ICZMP was present as special guest. Md. Sayed Iftekhar, Research Officer, PDO-ICZMP welcomed the guests and participants. The participants were then requested to introduce by themselves. Then the chief guest gave his opening speech.

Mr. A. B. M. Golam Faruque, Scientific Officer, WARPO gave a presentation on ICZMP project and Dr. Khurshed Alam gave a presentation on draft Coastal Development Strategy (CDS). After the presentations a tea break was given. After tea break the participants were invited to participate in open discussion on the draft CDS. The participants made their comments on ICZM and CDS and then made recommendations on priority actions for CDS. Dr. Khurshed Alam moderated the session. Mr. A. B. M. Golam Faruque and Md. Sayed Iftekhar took notes on comments and recommendations of the participants.

After open discussions the participants were asked to prioritize actions for the CDS, considering the local contexts. Each of all participants voted for five 'priority actions' among from 29 proposed actions, which were listed in flip charts. The participants also had scope to recommend beyond the listed actions. Then the chair concluded the meeting by giving thanks the organizers – PDO-ICZMP, WARPO and facilitating NGO Sangram and all the participants. Then the guests and participants were invited to join lunch.

## Summary of Meeting

District	Barguna		
<b>Date of consultation</b>	2 April 2005		
<b>Venue</b>	Circuit House		
<b>Meeting started at</b>	11:43 am		
<b>Meeting concluded at</b>	2:06 pm		
<b>Chief guest</b>	Mr. Md. Zakir Ahmed, Deputy Commissioner, Barguna		
<b>Chair/moderator</b>	Mr. Mashiur Rahman, ADC (General), Barguna		
<b>WARPO/PDO team</b>	Dr. Khurshed Alam, Mr. A. B. M. Golam Faruque, Mr. Md. Sayed Iftekhar		
<b>Summary of Participants</b>	Both sex	Female	Participating organizations
<b>Total</b>	45	8	
Government agency	11	1	District Administration, Department of Health, DAE, BWDB, Forest Department, Roads & Highways Department, Bangladesh Shishu Academy
Local government	7	2	Union Parishad, Barguna Poursabha
NGOs/CBOs	17	2	ASA, Sangram, The Krapda, Community Based Development Project (CBDP), ANNESA Samaj Unnayan Sangstha, Samaj Bhittik Jalmahal Bebasthapan Committee, Pani Bebasthapan Samity, Matshay Chashi Samabaya Samity, Khalifa Foundation, Jatiatabadi Matshya Jibi Dal, Jago Nari, Sagar Pari Khelaghar, Sonautha Jalmahal Management Committee
Civil society	6	3	Barguna Govt. College, Barguna Govt. Girls' College, Bangladesh Mohila Parisad, Bangladesh Red Crescent Society, Jubo Red Crescent Society
Mass media	4		Press Club, Dainik Sangbad, BTV, Dainik Jugantor
Private sector			
Others			
<b>Summary of comments and suggestions given by the participants</b>	<ul style="list-style-type: none"> <li>• The participation of the direct stakeholders is important for CDS formulation. So their representatives should be present in greater number.</li> <li>• Proper utilization of land and water resources is important.</li> <li>• For the maximum utilization of land resources what measures have been</li> </ul>		

District	Barguna
	<p>suggested in the CDS?</p> <ul style="list-style-type: none"> <li>• River erosion is a big problem in the coastal zone. People loss agriculture land, houses and valuable properties due to river erosion. So measures to prevent and reduce river erosion is urgently needed. Land reclamation programs are also needed.</li> <li>• Due to shrimp cultivation salinity in soil and water is increasing. The environment is degrading and trees are dying.</li> <li>• In the char areas (specially in those areas where afforestation by Forest Department has not yet carried out) shrimp cultivation can be promoted.</li> <li>• Shrimp fry collection from natural waterways is causing fisheries resources decline. People should be encouraged to use fries produced in the hatcheries.</li> <li>• Forest destruction in the Sundarbans should be stopped immediately by providing alternative employment opportunities to the forest dependent communities.</li> <li>• Some rivers are silted up due to fresh water flow decline and construction of unplanned or illegal infrastructures in the river ways.</li> <li>• Children and women are involved with the shrimp fry collection. The scholarship and financial assistance program of the government should be strengthened.</li> <li>• Child trafficking is another major problem. Emergency steps are needed to stop Child trafficking.</li> <li>• A major disaster by Tsunami for the coastal zone is apprehended. In the CDS some measures should be suggested to cope with tsunami.</li> <li>• Village based rural development programs can be taken.</li> <li>• Measures should be suggested to reduce the corruption in the service sectors.</li> <li>• The objective of BWDB behind polder development was to protect the area from salinity intrusion. But now there is no flow in the rivers and they are dying.</li> <li>• Potato production is good here. But the number and capacity of the cold storages are inadequate. Irrigation facilities are also not adequate.</li> <li>• The sea dykes and polders should be managed in an integrated way.</li> <li>• Afforestation and aquaculture can be done simultaneously. Master plan is required for the management of the 'water resources infrastructures'.</li> <li>• In the vast char areas goat and livestock rearing can be a good option.</li> <li>• Barguna is a remote district. The government officers do not want to stay here. The communication system should be improved. Special programs can be taken.</li> <li>• The condition of the health services is very poor in this district. There is no doctor, medicine and diagnostic and treatment equipments in the health centers/hospitals.</li> <li>• The primary education system for the coastal children can be different. As the children of the poor section are mostly busy with fry collection for a particular period and in the rainy season, as they cannot come to the school, so special curriculum targeting to 7-8 months study can be developed.</li> <li>• Employment generation through social forestry programs can be a good option.</li> <li>• Depletion of fisheries resources is a major concern for the coastal fishers. The sluices and water resources infrastructures should be fish friendly.</li> <li>• Women's involvement in modern agriculture and aquaculture should be increased. Training on modern processing methods can be imparted. In the committees for the water resources management some seats should be reserved for women.</li> <li>• The Sundarbans is the World Heritage Site. We should protect it for our own interest.</li> <li>• Strengthening of the local government is the key to any development. If we compare the ministries with the water reservoir then the local government and Union Parishad is the water tap. Whatever may the size of the reservoir, if the taps or pipes are not clear, then water will not reach to the people. Similarly if the Union Parishad is not fully functional then the development will not reach to the people whatever may the intention or capacity at the top.</li> <li>• The slogan of 'Women empowerment' should be translated into reality.</li> <li>• National programs to stop 'current net' should be strengthened. As women and children are involved with the shrimp fry collection, alternative economic and</li> </ul>

District	Barguna
	<p>social development programs can be taken to improve their condition.</p> <ul style="list-style-type: none"> <li>• The fishers are the most vulnerable community. They regularly face pirates in the sea, cyclones and storm surges. Sometimes they get lost in the sea. Then their families are in big trouble.</li> <li>• River training programs should be strengthened to prevent river erosion.</li> <li>• Representatives of UPs should be present in this type of consultation.</li> <li>• Measures are needed to control water borne diseases, like diarrhea.</li> <li>• Programs should be taken to harvest deep-sea fish.</li> <li>• Women should be trained up on income generating activities. Modern fish processing technologies should be transferred to them so that they can better contribute in the economic development of the country.</li> <li>• All the sluice gates and culverts should be repaired.</li> <li>• <i>Para</i> or <i>samaj</i> based development committees can be formed.</li> <li>• Community based fisheries management programs can be promoted. The government ponds and canals can be leased out to the unemployed youth.</li> <li>• BWDB can take community based water resource management activities. Even DC office can take necessary measures.</li> </ul>

### Comments and recommendations

#### **Md. Zakir Ahmed, Deputy Commissioner, Barguna:**

Barguna has coastal influence in its environment. The participation of the direct stakeholders is important for CDS formulation. So representatives of primary stakeholders should present in greater number. Proper utilization of land and water resources is important.

#### **Md. Zaidul Islam, Deputy Director, Dept. of Agriculture Extension:**

For the maximum utilization of land resources what measures have been suggested in the CDS?

#### **Md. Shahabuddin, Executive Engineer, BWDB:**

River erosion is a big problem in the coastal zone. People loss agriculture land, houses and valuable properties due to river erosion. So measures to prevent and reduce river erosion is urgently needed. Land reclamation programs are also needed.

#### **Mr. Pratap Chandra Biswas, Associate Professor (English), Barguna Govt. College:**

Due to shrimp cultivation salinity in soil and water is increasing. The environment is degrading and trees are dying.

#### **Advocate Md. Shahjahan, Chairman, Barguna Poursabha:**

In the char areas (specially in those areas where forestation by Forest Department has not yet carried out) shrimp cultivation can be promoted. Shrimp fry collection from natural waterways is causing depletion of fisheries resources. People should be encouraged to use fries produced in the hatcheries. Forest destruction in the Sundarbans should be stopped immediately by providing alternative employment opportunities to the forest dependent communities. Some rivers are silted up due to fresh water flow decline and construction of unplanned or illegal infrastructures in the river ways.

#### **Mr. A.S.M. Nazmul Haque, District Children Affairs Officer, Bangladesh Shishu Academy:**

Children and women are involved with the shrimp fry collection. The government scholarship and financial assistance program for the children education should be expanded. Child trafficking is another major problem. Emergency steps are needed to stop Child trafficking.

**Mr. Sanjib Das, General Secretary, Barguna Press Club:**

Tsunami is apprehended, which might be very disastrous for the coastal zone. Some concrete measures should be suggested in the CDS to cope with tsunami. Village based rural development programs can be taken.

**Mr. Chitta Ranjan Shil, Barguna Correspondent, Dainik Sangbad:**

Measures should be suggested to reduce the corruption in the service sector. The objective of BWDB behind polder development was to protect the area from salinity intrusion. But now there is no flow in the rivers, they are dying. Potato production is good here. But the number and capacity of the cold storages are inadequate. Irrigation facilities are also not adequate.

**Mr. Zakir Hossain Siraj, Executive Director, Community Based Development Project (CBDP):**

The sea dykes and polders should be managed in an integrated way. Afforestation and aquaculture can be done simultaneously. For the management of the 'water resources infrastructures' master plan is required. In the vast char areas goat and cattle rearing can be a good option. Barguna is a remote district. The government officers do not want to stay here. The communication system should be improved. Special programs can be taken. The condition of the health services is very poor in this district. There are no doctor, medicine and diagnostic and treatment equipments in the hospitals/medical centers.

**Md. Liakat Hossain Jewel, Lecturer, Barguna Govt. College:**

The primary education system for the coastal children can be different. As the children of the poor section are mostly engaged in fry collection for a particular period, and they cannot go to the school in the rainy season, so special curriculum targeting 7-8 months study can be developed. Employment generation through social forestry program can be a good option.

**Ms. Shammi Akhter Lina, Vice President, Sagar Pari Khelaghar:**

Decline of fisheries resources is a major concern for the coastal fishers. The sluices and water resources infrastructures should be fish friendly.

**Ms. Afroj Sultana Akhi, Mohila UP Member, 7 no. Dhalua Union Parishad:**

Women's involvement in modern agriculture and aquaculture should be increased. Training on modern fish processing methods can be imparted. In the committees for the water resources management some seats should be reserved for women.

**Mr. Joy Dev Roy, Deputy Jubo Chief, Jubo Red Crescent, Barguna Unit:**

The Sundarbans is the World Heritage Site. We should protect it for our own interest.

**Mr. Sohel Hafiz, Editor & Publisher of Pathshala and UP Secretary, Fuljhuri Union Parishad:**

Strengthening of the local government is the key to any development. If we compare the ministries with the water reservoir then the local government and Union Parishad is the water tap. Whatever may be the size of the reservoir if the taps or pipes are not clear then water will not reach to the people. Similarly if the Union Parishad is not fully functional then the development will not reach to the people whatever may be the intention or capacity at the top.

**Ms. Rajia Begum, Principal (Rtd.), Barguna Govt. Girls' College:**

The slogan of 'Women empowerment' should be translated into reality.

**Md. Nazrul Islam Mollah, Chairman, 7 no. Falua UP and President, National Union Parishad Forum, Barguna District:**

Many seminar and meetings have been organized. People are getting tired of these. I am chairman for 14 years. I have never seen hardly implementation of any recommendation of these seminars and meetings. National programs to stop 'current net' should be strengthened. As women and children are involved with the shrimp fry collection so economic and social development programs can be taken to improve their condition.

The fishers are the most vulnerable community. They regularly face pirates in the sea, cyclones and storm surges. Sometimes they get lost in the sea. Then their families are in big trouble. River training programs should be strengthened to prevent river erosion. Representatives of Union Parishad should be present in this type of consultation. Measures are needed to control water borne diseases like diarrhea.

**Dr. Abu Hashanat Zahirul Islam, Civil Surgeon (in-Charge):**

Programs should be taken to harvest deep-sea fisheries resources.

**Ms. Lutfun Nahar, Professor, Barguna Govt. Girls' College:**

Women should be trained up on income generating activities. Modern fish processing technologies should be transferred to them so that they can better contribute in the economic development of the country.

**Md. Selim Hawlader, President, Samaj Bhattik Jalmahal Bebasthapano Committee, Choto Laban Gola Khal, Barguna:**

All the sluice gates and culverts should be repaired. *Para* or *samaj* based development committees can be formed.

**Md Mainul Islam, President, Jatiatabadi Matshya Jibi Dal:**

Community based fisheries management programs can be promoted. The government ponds and canals can be leased out to the unemployed youth. BWDB can take community based water resource management activities. Even DC office can take necessary measures.

**Priority Actions**

Sl.No.	Items	Rating
<b>Safeguarding the availability of fresh water with regionalized water management</b>		
1	Water management and rural development in Greater Noakhali (GN) area	
2	Action to mitigate drainage problems in Khulna region	
3	Integrated management of coastal water infrastructure (Polders)	1
4	The development of an effective system of groundwater management	7
5	Strengthening sanitation and safe water supply programs in arsenic & salinity affected areas	10
<b>Optimizing use of coastal lands</b>		
6	Accreted land development and settlement: development of a sustainable process	11
7	Land use zoning for efficient use & management of land resources	2
8	Development of coastal agriculture	10
<b>Promoting economic growth emphasizing rural non-farm employment</b>		
9	Small and medium enterprise development on selected coastal trades	11
10	Development & employment generation through tourism	15
<b>Sustainable and equitable management of natural resources</b>		
11	Promotion and extension of environmental and socially responsive shrimp farming	4
12	Introduction and expansion of solar, tidal & wind energy in the remote coastal areas	
13	Marine and coastal fisheries development program	10
<b>Environmental conservation</b>		
14	Completing and maintaining sea dykes as first level of defense against sea level rise	4

Sl.No.	Items	Rating
15	Strengthening of Coast Guard program for the improvement of peoples security and environmental conservation	3
<b>Improving livelihood conditions of people, specially women</b>		
16	Enhancement of livelihoods in chars and islands	5
17	Integrated development of remotely located island	2
18	Capacity building and skill development of female fish processors	9
19	Comprehensive rehabilitation program for erosion victims	7
20	Reduction of severe vulnerability through multi-purpose cyclone shelters - including coping mechanism	4
21	Veterinary services by private practitioners	2
<b>Empowering through knowledge management</b>		
22	Knowledge management and dissemination	3
23	Regional and other framework studies	1
24	Capacity building and training	5
<b>Creating an enabling institutional environment</b>		
25	Operationalization of a Program Co-ordination Unit (PCU) at national level	1
26	Operationalization of an institutional and co-ordination mechanism involving local government at district level for the purpose of implementation	14
27	Supporting initiatives by LGIs, NGOs and media in coastal management	17
28	Empowerment through training of women members of UPs and Pourashavas	20
29	Establishment of IT supported model Unions in sea facing upazilas	7

### List of Participants

Sl.	Name	Designation	Organization	Address	Phone/Fax/Email
1.	Md. Asaduzzaman	Cashier	Upazila Health & Family Planning Office	Barguna Sadar	0172-986018
2.	Md. Rashedul Hassan Shoeb	Field Worker	ASA	Ward no.-8, Amtali Poura Sobha, Amtali, Barguna	0172-185353
3.	Md. Abul Hasan Khan	UP Member, Ward no. 4	1 no. Badar Khali Union Parishad	Vill: Badar Khali, PO: FulJhuri, Thana & Dist: Barguna	
4.	Ayesha Siddika	Manager, Barguna Sadar Branch	Sangram	Shahid Smiritte Sarak, Barguna	0448-62828
5.	Rashmatuj Jaman	Chief Accountant	Sangram	Shahid Smiritte Sarak, Barguna	0448-62828 0176-108284
6.	Md. Nazrul Islam Mollah	Chairman, 7 no. Falua UP	President, National UP Forum, Barguna District	B.B. Road, Barguna	0448-62202 0172-144163
7.	Khaleda Islam Sweety	Member	Bangladesh Mohila Parisad	Sadar Road, Barguna	0172-928092
8.	Sanjib Das	General Secretary	Barguna Press Club	Press Club, Barguna	0448-62440 Fax: same
9.	Advocate Md. Shahjahan	Chairman	Barguna Poursabha	Barguna Poursabah, Barguna	62224, 62750 (O) 62520 (R), 0176-502505
10.	A.B.M. Golam Haider Nilu	Secretary	Bangladesh Red Crescent Society, Barguna Unit	Red Crescent Bahumukhi Bhaban, Siraj Uddin Sarak, Barguna	0448-62826, / 62382 62233 (R), 0176-067911
11.	Manjur Morshed Khan	Chief Co-ordinator	Sangram (Sangathita Gramonnayan Karmasuchi)	Shahaid Smirity Sarak, Barguna	62828 0172-934035
12.	Md. Shafiqul Islam	Monitoring Officer	SANGRAM	Shahaid Smirity Sarak, Barguna	0448-62499
13.	Md. Mofazzel Hossain	Supervisor	The Krapda	The Karpda Sadar Road, Barguna	62720
14.	Md. Liakat Hossain Jewel	Lecturer	Barguna Govt. College	Char Colony, Barguna	62637 (R), 62332 (O) 0176-983613
15.	Zakir Hossain Siraj	Executive Director	CBDP (Community Based Development Project)	81, Abdul Kader Sarak, Barguna-8700	0448-62652 0172-464855
16.	Chitta Ranjan Shil	Correspondent, Dainik Sangbad	Barguna Press Club	Shahid Smirity Sarak, Barguna	62798, Fax: 62440
17.	Md. Shamsuddin	Executive Director	ANNESA Samaj Unnayan	College Branch Road, Barguna	63284; 0172-568463

Sl.	Name	Designation	Organization	Address	Phone/Fax/Email
	Khan		Sangstha		
18.	Pratp Chandra Biswas	Associate Professor, English	Barguna Govt. College	Barguna Govt. College, Barguna	62332; Fax: same
19.	Md. Zaidul Islam	Deputy Director	Dept. of Agriculture Extension, Barguna	Khamar Bari, Barguna	62469, /62439 Fax: 62469
20.	Dr. Abu Hashanat zahirul Islam	Civil Surgeon (in-Charge)	Civil Surgeon's Office	Civil Surgeon's Office, Barguna	62386
21.	Md. Selim Hawlader	President	Samaj Bhattik Jalmahal Bebasthapan Committee	Father: Late Md. Wazed Ali Hawlader, Vill.: Choto Laban Gola, PO: Charak Gachia, Barguna	
22.	Lutfun Nahar	Professor	Barguna Govt. Girls College	Barguna Govt. Girls' College, Barguna	62560 (College) 62520 (O)
23.	Rajia Begum	Past Principal	Barguna Govt. Girls College	Char Colony, Barguna	62679
24.	Md. Shahabuddin	Executive Engineer	Barguna WD Division, CERP, BWDB, Barguna	Barguna WD Division, CERP, BWDB, Barguna	62348
25.	Md Ansar Uddin	President	Pani Bebasthapan Samity	Vill: Choto Labon Gola PO: Charak Gachia, Barguna	
26.	Md. Abdul Barik	Forester	Forest Division (Sonakhali)	Forest Extension Nursery & Training Center, Barguna	0172-935762
27.	Gazi Matiar Rahman	Executive Director	Khalifa Foundation	Mohila College Road, Amtali, Barguna	0172-119211
28.	Md. Zahirul Haque Ponu	Chairman, 6 no. Burir Char UP	President Barguna Matshya Aratdar Samity	Sadar Road Fish Market, Barguna	62824, /62710 0175-014488
29.	Md Mainul Islam	President	Jatiatabadi Matshya Jibi Dal	Barguna	
30.	Md. Nurul Amin	Project Officer (Narir Adhikar Project)	Jago Nari	College Road, Barguna	0176-261224
31.	Parveen Ahmed	Mohila UP Member	1 no. Badar Khali UP	Vill.: Pata Kata, PO: Fuljhuri Barguna	0173-950759
32.	Md Sabuj Alam	Secretary	Choto Gola Matshya Chas Samabay Samity	Vill.: Choto Lobon Gola PO: Charak Gachia, Barguna	0176-313766
33.	Afroj Sultana Akhi	Mohila UP Member	7 no. Dhalua UP	Vill: & PO: Potka Khali Barguna	0188-336067
34.	Hasina Miajee	Deputy Chief, Jubo Red Crescebt Dal	Red Crescent Society, Barguna Unit	Red Crescent Society, Barguna Unit, Barguna	
35.	Shammi Akhter Lina	Vice President	Sagar Pari Khelaghar	Bagan Bari, Barguna	62394, 0178-272827
36.	Abdul Jabbar	Sub-Divisional Engineer (R & H)	Road & Highways Department	Barguna	62430; Fax: 62844
37.	Sohel Hafiz	UP Secretary, Fuljhuri Union Parishad	Editor & Publisher of Patsala	Rabeya Manjil, Char Colony, Barguna	0176-102729 62596; Fax: 62277
38.	Swapan Das	District Correspondent Manav Zamin	Barguna Press Club	Press Club, Barguna	62440
39.	A.S.M. Nazmul Haque	District Children Affairs Officer	Bangladesh Shishu Academy	Barguna Dist Office, Zila Parisad Bhaban, Barguna	62599
40.	Anwar Hossain Monowar	Correspondent, BTV & Jugantor	Press Club	Ali Sharif Bhaban, College Branch Road, Barguna	62443; 62440 Fax: 62440
41.	Mohammad Mashur Rahman	ADC (Gen.)	District Administration	Office of the Deputy Commissioner, Barguna	62476 (o); 62496 (R)
42.	Joy Dev Roy	Deputy Jubo Chief	Jubo Red Crescent, Barguna Unit	Bahumukhi Bhaban, Barguna Unit Bangladesh Red Crescent Society	62826 (O); 0188-191862
43.	Swapan Kumar Bar	Credit Co-ordinator	SANGRAM	Shahid Smirity Sarak, Barguna	0172-729835
44.	Md. Harun Ur Rashid	Sub Asst. Engineer	Barguna WD Division, CERP, BWDB, Barguna	Barguna WD Division, CERP, WDB, Barguna	0172-789239
45.	Md. Masud Sikder	President	Sonautha Jalmahal Management Committee	Sonautha, Amtali, Barguna	



COX'S BAZAR

16 April 2005



## Introduction

The meeting started at 10:30. Mr. Habibur Rahman, DC, Cox's Bazar chaired the meeting. In his opening remarks the chair of the meeting welcomed the idea of district level consultation in formulating the CDS. He mentioned that in the past strategy were made without consulting the local level people; result is insignificant progress. He thanked WARPO/PDO team for taking such step and called upon all to actively participate in the discussion.

The working session was comprised of two presentations. Mr. Arzel H. Khan, (PSO, WARPO) presented a brief overview of ICZMP project (Objectives, outputs and current activities). Then Dr. Liakath Ali (SNE, PDO-ICZMP) presented the draft outline of the Coastal Development Strategy (CDS).

Then the meeting opened for discussion, Mr. Saeed Mahmood Belal Haider (UNO, Cox's Bazar Sadar Upazila) chaired the session.

Discussion session was followed by the prioritization of actions for Feni ; each participant was requested to select five actions from the proposed list of 29 actions which were displayed in the flip charts .

Mr. Saeed Mahmood Belal Haider (UNO, Cox's Bazar Sadar Upazila) then concluded the meeting thanking all the participants for their comments and suggestion. He thanked WARPO/PDO team for arranging such consultation.

## Summary Meeting

District	Cox's Bazar		
Date	16 April, 2005		
Venue	Zilla Parisad Auditorium, Cox's Bazar		
Starting time	10:30 am		
Closing time	13: 30 am		
Chief guest/ Chair	Mr. Md. Habibur Rahman, Deputy Commissioner, Cox' Bazar		
WARPO/PDO team	Mr. Arzel H. Khan, Dr. Liakath Ali, Mr. Mohammad Showkat Osman		
Summary of Participants	Both sex	Female	Participating Organizations
<b>Total</b>	22	4	
Government Agency	7	0	District Administration, Department of Agriculture Extension (DAE), Department of Fisheries (DoF), Bangladesh Water Development Board (BWDB)
Local Government	6	3	Khurush Kul Union Parishad
NGOs	6	1	PALS, MUKTI Cox's Bazar, SARPV – Bangladesh, Prattaya, WAIT. N.C
Civil Society			
Mass Media	3	0	Daily Bankkhali, Daily Cox's Bazar (Daily Bhorer Kagoj), Daily Ittefaq
Private Sector			
Others/CBOs			
<b>Summary of comments and suggestions from the participants</b>	<ul style="list-style-type: none"> <li>• An integrated initiative required for development of Cox's Bazar.</li> <li>• Alternate employment opportunity should be created</li> <li>• Saint Martin Island should be declared as a reserved tourist center</li> <li>• Destruction of mangrove forest is going on for shrimp culture</li> <li>• Afforestation program is needed.</li> <li>• Participatory approach should be applied in afforestation program.</li> <li>• Community radio service should be established.</li> <li>• Improved education, health and housing facilities must be ensured</li> <li>• Construction of embankment and more shelters is required</li> <li>• Urgent maintenance of existing embankment is required</li> </ul>		

District	Cox's Bazar
	<ul style="list-style-type: none"> <li>• Involvement of NGOs and LGIs should be ensured in development projects</li> <li>• Local political leaders are involved in destruction of forest.</li> <li>• Special emphasis should be given on fisheries community</li> <li>• Child education should be given proper attention</li> </ul>

### Comments and Recommendations:

#### **Saeed Mahmood Belal Haider (UNO, Cox's Bazar Sadar Upazila):**

An integrated initiative required for development of Cox's Bazar. Alternate employment opportunity should be created for fish fry collector. People must be made aware of the harmful consequences of forest destruction; alternate employment opportunity should be created for the woodcutter.

#### **Mohammad Ali Jinnat (Daily Cox's Bazar):**

Saint Martin Island should be declared as a reserved tourist center. Destruction of mangrove forest is going on for shrimp culture; immediate and strict action against mangrove destruction is required. Afforestation program should be taken in the Moheskhal hill; participatory approach could be applied. Community radio service should be established. Rehabilitation of Union Health Complexes is an urgent need.

#### **S.M. Aminul Haque Chowdhury (Daily Ittefaq):**

Education, health and housing facilities must be ensured for the coastal people of Cox's Bazar. Construction of embankment and more shelters is required as well as maintenance of the existing ones. Atomic Energy Commission should be step forward to protect the valuable - sand (LubR uj) available in Cox's Bazar beach area. Involvement of NGOs and LGIs should be ensured in development projects. Local political leaders are involved in destruction of forest.

#### **Kabir Ahmed (Department of Fisheries):**

Special emphasis should be given on fisheries community in human resources development. Conflict between different fisher groups must be resolved. Child education should be given proper attention. Alternate employment opportunity for the fish fry catcher should be ensured to stop fish fry collection. Awareness program is conducting by "Matshyajibi Samity" against fish fry collection, but involvement of people from all level is required.

#### **Md. Abdul Mabud (Chairman, Khurush Kul Union Parishad):**

Existing embankment in Khurush Kul Union Parishad could collapse anytime; urgent maintenance work is required. A lot of discussion had been done in the past, but no action was taken. Hope CDS would lead the way to a developed coastal zone.

### Priority Actions

Sl.No.	Items	Rating
<b>Safeguarding the availability of fresh water with regionalized water management</b>		
1	Water management and rural development in Greater Noakhali (GN) area	
2	Action to mitigate drainage problems in Khulna region	
3	Integrated management of coastal water infrastructure (Polders)	1
4	The development of an effective system of groundwater management	
5	Strengthening sanitation and safe water supply programs in arsenic & salinity affected areas	4
<b>Optimizing use of coastal lands</b>		
6	Accreted land development and settlement: development of a sustainable process	
7	Land use zoning for efficient use & management of land resources	2
8	Development of coastal agriculture	1

SLNo.	Items	Rating
<b>Promoting economic growth emphasizing rural non-farm employment</b>		
9	Small and medium enterprise development on selected coastal trades	1
10	Development & employment generation through tourism	1
<b>Sustainable and equitable management of natural resources</b>		
11	Promotion and extension of environmental and socially responsive shrimp farming	2
12	Introduction and expansion of solar, tidal & wind energy in the remote coastal areas	2
13	Marine and coastal fisheries development program	
<b>Environmental conservation</b>		
14	Completing and maintaining sea dykes as first level of defense against sea level rise	8
15	Strengthening of Coast Guard program for the improvement of peoples security and environmental conservation	
<b>Improving livelihood conditions of people, specially women</b>		
16	Enhancement of livelihoods in chars and islands	6
17	Integrated development of remotely located island	1
18	Capacity building and skill development of female fish processors	4
19	Comprehensive rehabilitation program for erosion victims	2
20	Reduction of severe vulnerability through multi-purpose cyclone shelters - including coping mechanism	4
21	Veterinary services by private practitioners	
<b>Empowering through knowledge management</b>		
22	Knowledge management and dissemination	1
23	Regional and other framework studies	
24	Capacity building and training	3
<b>Creating an enabling institutional environment</b>		
25	Operationalization of a Program Co-ordination Unit (PCU) at national level	
26	Operationalization of an institutional and co-ordination mechanism involving local government at district level for the purpose of implementation	4
27	Supporting initiatives by LGIs, NGOs and media in coastal management	4
28	Empowerment through training of women members of UPs and Pourashavas	4
29	Establishment of IT supported model Unions in sea facing Upazilas	6

### List of Participants

Sl.	Name	Designation	Organization	Address	Phone/Fax/Email
1.	Md. Habibur Rahman	Deputy Commissioner	Office the Deputy Commissioner	Cox's Bazar	
2.	A.K.M. Khairul Anam	ADC	Office the Deputy Commissioner	Cox's Bazar	
3.	Saeed Mahmood Belal Haider	UNO	Cox's Bazar Sadar Upazila	Cox's Bazar	
4.	Kabir Ahmed	District Fisheries Officer	Department of Fisheries	Cox's Bazar	
5.	Md. Mahfuzur Rahman	Sub-Divisional Engineer	BWDB	Badarkhali O&M Sub-Division, BWDB, Badarkhali, Chakaria, Cox's Bazar	0172057495
6.	Md. Delwar Hossain	Asstt. Fisheries Officer	Department of Fisheries	New Circuit House Road, Cox's Bazar	64283, 0189943785
7.	Md. Abdur Rashid	Plant Protection Specialist	Department of Agri. Extension (DAE)	Dept. of Agri. Extension, Cox's Bazar	63450
8.	Md. Abdul Mabud	Chairman	Khurush Kul Union Parishad	Khurush Kul, Cox's Bazar Sadar, Cox's Bazar	0172250940, 64312
9.	Azizul Haque	UP Member	Khurush Kul Union Parishad	Uttar Mamun Para, Khurashkul, Cox's Bazar	63315, 0189606165
10.	Ms. Sufia Noor	UP Mohila Member, Ward no. 4,5,6	Khurush Kul Union Parishad	Fakirpara, Khurashkul, Cox's Bazar	0189606165
11.	Ms. Shahena Akter Kajal	UP Mohila Member, Ward no. 1,2,3	Khurush Kul Union Parishad	Tetpiya, Khurashkul, Cox's Bazar	0189116996
12.	Mostaque Ahmed	UP Member	Lamajipara Gram Sarkar, Khurush Kul Union Parishad	Vill: Lamajipara, PO: Khurashkul, Cox's Bazar	0189606165

Sl.	Name	Designation	Organization	Address	Phone/Fax/Email
13.	Ms. Hazera Rahim	UP Mohila Member	Khurush Kul Union Parishad	Kuliapara, Khurashkul, Cox's Bazar	0189344712
14.	Saiful Islam Chowdhury kalim	Executive Director	PALS	Bypass Road, Cox's Bazar	62090, 0191518606
15.	Rashed Johair	CHDRP	Pals	By pass Road, Cox's Bazar	62090
16.	Akhil Kumar Biswas	Project Coordinator	Mukti,-Cox's Bazar	Gol Dhighirpara, Cox's Bazar	64387, 0172737754
17.	Ms. Ummah Sajeda Khanam	Executive Director	WAIT. N.C	Maya Kutir, Gonar Para, Cox's Bazar	0188188716, 64503
18.	Abidur Rahman	In Charge	SARPV - Bangladesh	SARPV-Bangladesh Regional Office, Chowmuhuni, Tekpara, Cox'sBazar	011738177
19.	Shomnath Chakraborty	Coordinator	Prattaya	Prattaya, PTI Road, Baharchara, Cox's Bazar	64481
20.	S.M. Aminul Haque Chowdhury	Reporter, Daily Ittefaq	Ittefaq	Uttar Baharchara, Cox's Bazar	011708667
21.	Mohammad Ali Jinnat	District Correspondent	Daily Bhorer Kagoj, News Editor, Daily Cox's Bazar, Staff Reporter, Suprovat Bangladesh	Kabir Mansion (1 <sup>st</sup> Flr), 212, Mukthi Jodda Sarany, Baharchara, Cox's Bazar	64611 ®, 62794 (O) <a href="mailto:jennat@yahoo.com">jennat@yahoo.com</a>
22.	Balaram Das Anupam	Staff Reporter	Daily Bankkhali	Boddoy Mondir Sarak, Cox's Bazar	0188205763, 62666

**ANNEXURE-1: HIGHLIGHTS OF THE CDS & PRESENTATIONS**

























ANNEXURE-3: SUMMARY LIST OF MEDIA COVERAGE & PRESS CLIPPINGS

CDS District & Local Level Consultations (2005)

Summary List of Media Coverage

Region Media	Region										Region				Region				Total											
	Khulna	Bagerhat	Gopalganj	Jessore	Narail	Saikhira	Sariatpur	Rayenda	Shyamnagar	Barisal	Barguna	Jhalokhali	Patuakhali	Pirojpur	Patmarghata	Noakhali	Feni	Laxmipur		Chandpur	Chittagong	Cox's Bazar	Teknaf	Magnama	Bhola	Char Kajol	Dhat Char	Nijim Dwip	Kutubdia	
Ittefaq	11/3										5/4	2/4	29-3, 3-4	27/4																6
Jugantor				23/3						22/3				8/4										12/4						4
Prothpm Alo									22/3							29/3														2
Bhorer Kagoj									27/3																				1	
Dainik Janata													18/4																1	
The Daily Shathee												30/3																	1	
Dainik Tetulia												28/3																	1	
The Daily Rupantor												30/3																	1	
Daily Shatakantha											2/4																		1	
The Daily Dakkhinanchal											31/3																		1	
Ajker Paribartan									21/3		31/3		3/4																3	
Dainik Purbanchal	11/3						14/3																						2	
Dainik Cox's Bazar																				17/4	15/3						29/4		3	
The Weekly Balawshyar													7&17 Apr																2	
The Daily Janogan													2/4																1	
Prabah	11/3																												1	
Prabartan	11/3																												1	
The Daily Shanama									21/3																				1	
The Daily Ajker Bara									21/3																				1	
Dainik Patradut								8/3																					1	
Gramer Kajog				23/3																										
Weekly Hatir Katah																										19/4			1	
Dainik Kafela								7/3																					1	
<b>Total</b>	<b>4</b>			<b>2</b>			<b>1</b>	<b>2</b>	<b>6</b>		<b>4</b>	<b>4</b>	<b>8</b>	<b>1</b>	<b>1</b>					<b>1</b>	<b>1</b>		<b>1</b>			<b>1</b>	<b>1</b>			

