

Hon'ble Minister for Water Resources visits WARPO

The Honourable Minister for Water Resources Mr. Hafiz Uddin Ahmad, Bir Bikram, visited Water Resources Planning Organization (WARPO) on 4th August 2003. During his visit he met the officers of WARPO and had an open and congenial discussion on various issues of WARPO and water resources of the country. At the on set of discussion the Minister thanked DG and officers of WARPO for inviting him in this organization. The following main issues were discussed in the meeting:

The Minister mentioned with due importance that water is a scarce and single most important resource for our well being. That is why its proper uses to be ensured in all respects of our life. As Bangladesh is an agrarian country and its agricultural practices largely depend on water so we must take appropriate measures for its management, conservation and wise use.

It is unfortunate that as a lower riparian country we do not have any control on this valuable resource.

As a result our waters have faced aggression of others due to unilateral upstream diversion like the Farakka barrage across the Ganges. The Minister said that we will have to solve the problems like flood, water scarcity during the wet and dry season, river erosion and sedimentation by our own technologies. The Minister with great concern mentioned that the "River Linking Project" proposed by India is a dangerous project for us. WARPO should be well aware of it and should have clear directives for others on this issue. It is an important task of WARPO to make proper plan for saving country's water resources. He requested WARPO to take preliminary work to identify possible consequences of this project.

It has been observed in the past that we made delays in making plan for project preparation and its implementation. The cause behind this delay is to be identified and accordingly we should take appropriate measures to overcome this situation. The Minister said if required we would have to depend on our own resources and have to make our future plan accordingly. He mentioned with regret that we have many knowledgeable and experienced scientists in our country, but we don't have much output from them as we expected. Definitely we shall have to

come out of this situation for our own survival. The Minister expressed his positive opinion on WARPO's own permanent building when he was informed that since the creation of WARPO it is shifting from one place to another for which WARPO is losing its institutional memories.

He again thanked all the officers of WARPO and expressed his willingness to visit WARPO again within a short time.

Mr. Md. Sayef Uddin, Secretary, Ministry of Water Resources also accompanied the minister during his visit and participated in the discussion.

He emphasized the need of development of WARPO as a complete organization with its own identity. He urged the necessity of assurance of optimal use and effective management of country's scarce and valuable water resources. He mentioned about the importance of WARPO's own permanent office building as well as the possible locations within Dhaka city. Hon'ble secretary also discussed some important aspects of WMIP reports and Integrated Coastal Zone Management Plan Project and hoped for timely completion of these projects.



From left: Mr. Hafiz Uddin Ahmad, BB, Minister, MoWR, Mr. Sayef Uddin, Secretary, MoWR, Mr. Md. Habib Ullah, Joint Secretary, MoWR and Mr. Md. Abdul Halim Mia, PSO, WARPO

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WARPO OFFICE TO A NEW LOCATION !

WARPO office has been shifted from Gulshan Circle-1 to Banani on 1st July 2003. It is a two blocked building connected by a stair in the middle. The front block is four storied and the rear block is five storied. The ground floor is a open space for car parking, reception lobby, prayer room & drivers room.

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PIP of EMIN Signed

The project implementation plan (PIP) of the Environmental Monitoring Information Network for Water Resources Project (EMIN) has been signed between WARPO and Canadian High Commission on 27th July 2003. Mr. H.S. Mozaddad Faruque, DG, WARPO and Mr. John Moore, Councillor (Development), Head of Aid, Canadian High Commission in Bangladesh, Dhaka signed the PIP on behalf of the WARPO and Canadian Government respectively. Mr. Md. Sayef Uddin, Secretary, Ministry of Water Resources, Mr. Md. Sariatullah, Development Advisor, Canadian High Commission, Dr. Riaz Khan, Executive Director, CEGIS and Concerned officials of WARPO and BWDB were present in the signing ceremony.



From left: Md. Arzel Hossain, PSO, WARPO, Mr. John Moore, Councillor, CHC, Mr. H.S. Mozaddad Faruque, DG, WARPO, Mr. Md. Sariatullah, Development Advisor, CHC

Integrated Coastal Zone Management Plan Project (ICZMPP)

147 Upazillas of 19 Districts of the Southern part of the country and Exclusive Economic Zone (EEZ) in the Bay of Bengal constitute the coastal zone of Bangladesh. This area of the country, like other coastal areas of the world, is resourceful but it also faces vulnerabilities like cyclone, storm surge etc.

Development activities in this area are implemented by different agencies of the Government of Bangladesh (GoB). As usual, each agency has its own mandate which is narrowly focused towards a particular sector (for example water development, road building etc) without giving proper attention about the effect of such development activities on other sectors. Obviously, such mono-sectoral development activities cause adverse impacts on the environment of the area.

To reduce the vulnerabilities of the coastal lives (of all living organisms), for improving the living standard of coastal people by enhancing their livelihood capacities (poverty reduction), to coordinate and harmonize the development activities of all implementing agencies working in coastal area and for maintaining a healthy eco-system, the concept of integrated Coastal Zone Management (ICZM) has been evolved.

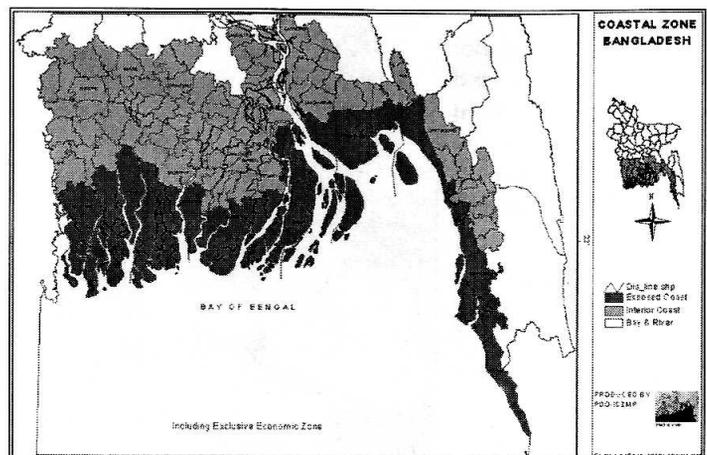
GoB in 1999 adopted a policy note entitled "Integrated Coastal Zone Management: Concept and Issues" to materialize ICZM concept in the country. Concurrently, World Bank (WB), The Netherlands Government (GoN) and World Food Programme (WFP) fielded a mission (in 1999) to define the concept, goal, objective and policy for ICZM in Bangladesh. Based on the findings of the mission and GoB Policy Note, Integrated Coastal Zone Management Plan Project (ICZMPP) was framed.

Goal

The overall goal of ICZMPP is to create conditions in which the reduction of poverty, development of sustainable livelihood and the integration of the coastal zone into national process can take place.

Six Outputs

To achieve the goal, ICZMPP has set a target of achieving 6 (six) outputs, which are:



Coastal area

1. Adopting a Coastal Zone Policy (CZPo)
2. Preparing a Coastal Development Strategy (CDS)
3. Developing a Priority Investment Programmes (PIP)
4. Enhancing livelihood capacities
5. Enabling institutional environment
6. Integrated knowledge base

ICZMPP has started from February, 2002 for a three year period financed jointly by GoB, GoN and Department for International Development (DFID), United Kingdom (UK).

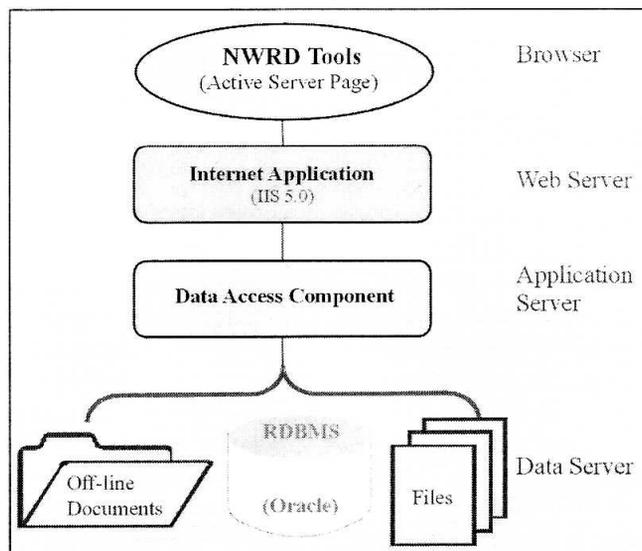
The Project is implemented by a small group of highly qualified Consultants of Programme Development Office of Integrated Coastal Zone Management Plan Project (PDO-ICZMPP) under the direct supervision of Water Resources Planning Organization (WARPO) with guidance from Ministry of Water Resources (MoWR). A high power Technical Committee (TC) comprising members from all the stakeholders (Ministries/Agencies/Private Sectors, Research Organizations/NGOs) working in the coastal zone headed by the Secretary, MoWR provides policy directives for the project activities.

ICZMPP is a study project. But one of the outputs of the project is, the Priority Investment Programme would create a bright prospect for GoB, private sector and Development Partners (working in Bangladesh) to invest (in the coastal zone of the country) according to their areas of interest.

National Water Resources Database (NWRD)

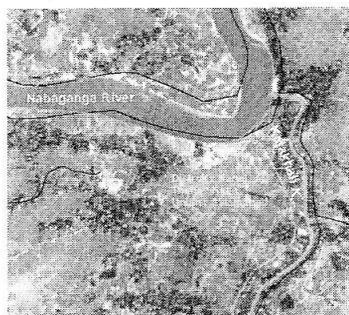
Web enabled NWRD

National Water Resources Database (NWRD) has been developed with the goal to make the data easily accessible to a wide range of planners and users. For better achievement of the goal, the design of the database has been enhanced by accepting the most modern technology which is termed as web enable database. The back-end of the NWRD is designed with Oracle and the front end with active server pages and HTML. A web-enabled-database is a client/server application that resides on a server, and is accessed via a web browser like Microsoft Internet Explorer or Netscape Communicator. Implementation of this technology in NWRD would make it accessible to the planners and other users through web enabled on-line software. The four-tier architecture for implementing the database consists of a Browser, a Web server, an Application server, and a Database.



Improvement of river network and water bodies

NWRD is updating the base information of the country using the GCP based geo-reference images. The IRS Pan of 6 meter resolution along with Landsat ETM+ images will be used to update the existing data layers of NWRD. The existing river system and water extent area during the dry season (perennial) is under the process of update.



Data updating using Satellite Images

NWRD data updates

- Hydro-meteorological data have been collected from BWDB and BMD from 1995 to onwards. It is under the process of being converted into the database format and data checking for obvious error. Groundwater level information from BWDB is also collected from 1997 to onwards.
- Information of crop statistics on area and production for 87 crops has been updated for 1997-98 and 1998-99 from BBS report.
- Fish catch information is updated from 1984 to 1995 for 19 old districts and from 1998-2001 for 64 new districts from Fisheries Year Book.
- NWRD is updating the Analytical tools adding components on advanced statistical analysis.
- The library information system of WARPO has been updated to make it more user friendliness and Internate based application.

Anti-virus update!

WARPO has a new version of McAfee AVD antivirus software for server and workstations. The antivirus software is being updated on weekly basis to safeguard the whole system.

South West Area Integrated Water Resources Management Project

Following the disastrous flood of 1987 and 1988, the Government of Bangladesh undertook a number of regional and supporting studies under Flood Action Plan Programme to formulate strategic plan for improved flood management. Under this effort, a regional study (FAP-4: Southwest Area Study) was conducted for the south-west region of Bangladesh. FAP-4 study mainly focussed to provide more information and improve understanding of the regions complex land and water regime and prepared a portfolio of projects identified on a preliminary basis.

Following the recommendation of FAP-4, 'South-West Area Water Resources Development Project (SWAWRDP)' was carried out at pre-feasibility level with the financial

assistance of ADB and UNDP. This study identified 30 sub-projects in the field of flood control, drainage and irrigation. Seven sub-projects were recommended for further study at feasibility level. Subsequently, feasibility study of seven sub-projects namely i) Chenchuri Beel, ii) Narail, iii) Padma-Kumar, iv) Arial Khan-Bisharkandi, v) Swarupkati, vi) Bishkhali and vii) Barisal were carried out to increase agricultural production, farm incomes and employment opportunities. Though the sub-projects were found to be feasible, the study did not consider the detail need of water supply and water quality (arsenic), sanitation, fisheries and other relevant aspects of integrated water resources management. The integration of relevant sectors and issues was not considered in the previous study for the south west area.

Meanwhile, the Khulna Jessore areas were suffering from severe drainage congestion due to the sedimentation of tidal river. To find a viable solution of the problem, the Government under took the Khulna Jessore Drainage Rehabilitation Project (KJDRP) with financial assistance from ADB and the project has been successfully completed in December 2002.

In moving towards the Integrated Water Resources Management, stakeholders' participation, and sustainability of the projects, the Government of Bangladesh approved the National Water Policy (NWPo) in 1999. To operationalize the NWPo, Water Resources Planning Organization prepared the National Water Management Plan (NWMP) that provides a framework plan for management of the country's water resources. In the context of country's extraordinary sectoral challenges, vulnerable ecosystem and diverse stakeholder interests, it is essential to develop an elaborate IWRM plan at the sub-regional levels and implement the plans in a strategic and participatory manner.

In Consultation with the Government of Bangladesh, Asian Development Bank (ADB) updated its Country Strategy program for Bangladesh including Project Preparatory Technical Assistance (PPTA) of this project. Asian Development Bank (ADB) prefers to perform a Technical Study in the name of PPTA before funding the project for implementation. A Country Programming Mission came to Bangladesh with a view to confirm the Technical Assistance. ADB committed to provide a grant amounting to US\$ 0.90 million for the proposed study.

Project Objective

The overall goal of the TA is to reduce poverty and enhance socio-economic status of people in the south west area through improved water resources management.

Project Output

The immediate TA outputs are:

Phase I

- (i) Preparation of the sub-regional IWRM plans and identification of priority interventions, and
- (ii) Preparation of district level integrated water resources management plan for Faridpur, Jessore, Magura, Narail and Rajbari districts.

Phase II

In Phase II, the consultants will prepare an investment project, including seven subprojects identified in the previous studies, on the basis of the district IWRMP while undertaking technical, social, environmental, economic and financial analysis, cost recovery and sustainability mechanisms.

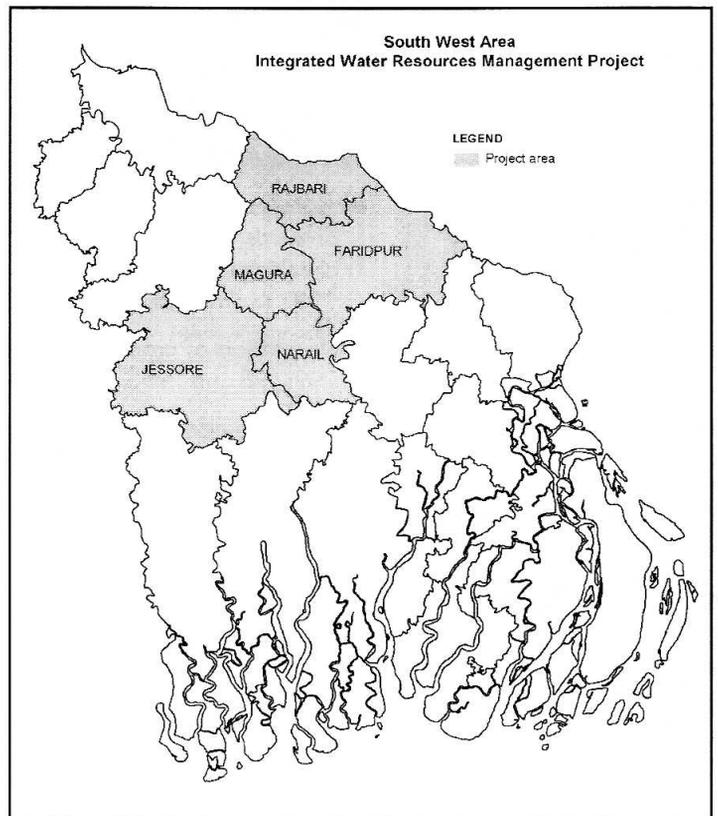
Transfer of Technology

During the study, WARPO & BWDB professionals would work with the Consultants team as counterpart staff. The WARPO & BWDB professional will be trained through on-the-job training, active participation in the study and through workshops and seminars.

Financing and Implementation arrangement

The project is co-financed by GoB and ADB grant. The contract for consultancy services between ADB and Sir William Halcrow and Partners has been signed on 15th August 2003.

Phase I of the project is being implemented by WARPO where as phase II of the project will be implemented by BWDB.



Environmental Monitoring Information Network for Water Resources (EMIN)

Bangladesh, one of the most hydrologically dynamic regions in the world, experiences various water related natural disasters every year such as recurrent flooding, drought, cyclone, large scale river bank erosion and river drying/siltation etc.

Information is a key for water resources management and implementation of interventions and mitigation of risks of damages due to above disasters. Quick information

exchange and dissemination is another key for appropriate use in appropriate time. In this regards the Ministry of Water Resources directed CEGIS (erstwhile EGIS) to participate on the "Feasibility study for an Environmental Monitoring Information Network (EMIN) for water resources information" with ICT group of RADARSAT International, Canada.

The feasibility study of EMIN project had three main components:

- i) The decision support tool (DST) module, which analyses GIS/RS database and produces information that are relevant for decision making process
- ii) The Governance module, which deals with stakeholders participation in sharing data, knowledge and information and thus involves them as co-management of water resources and
- iii) The Information Technology (IT) module that enable flow/dissemination of required information for the stakeholders right in time for decision making both at National and local level.

The objective of the feasibility study is to test the applicability of establishing the water related information network among the national and local stakeholders for better management of water resources.

Project Description

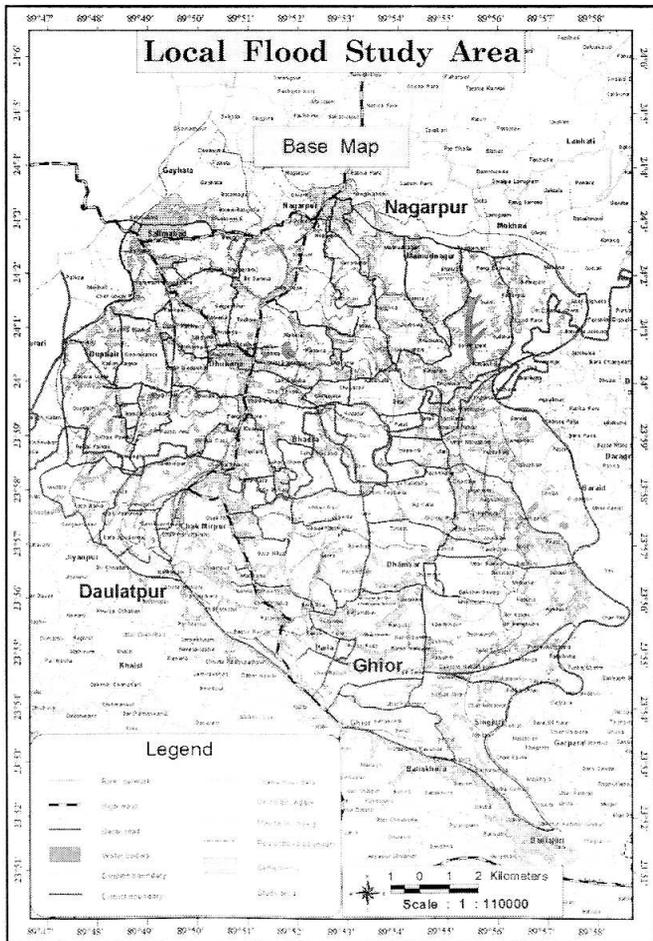
EMIN is proposed to enhance capacity development by providing water and natural resources management information in Bangladesh through an enhanced and accessible information network based upon GIS/RS database, satellite images, different monitoring information lying with relevant agencies and advanced information technologies. It aims to bring about improved data sources and information that helps decision making by the stakeholders and dissemination of appropriate erosion, siltation and morphological changes of rivers and flood monitoring information among main stakeholders dealing with these application.

Objective of the Project

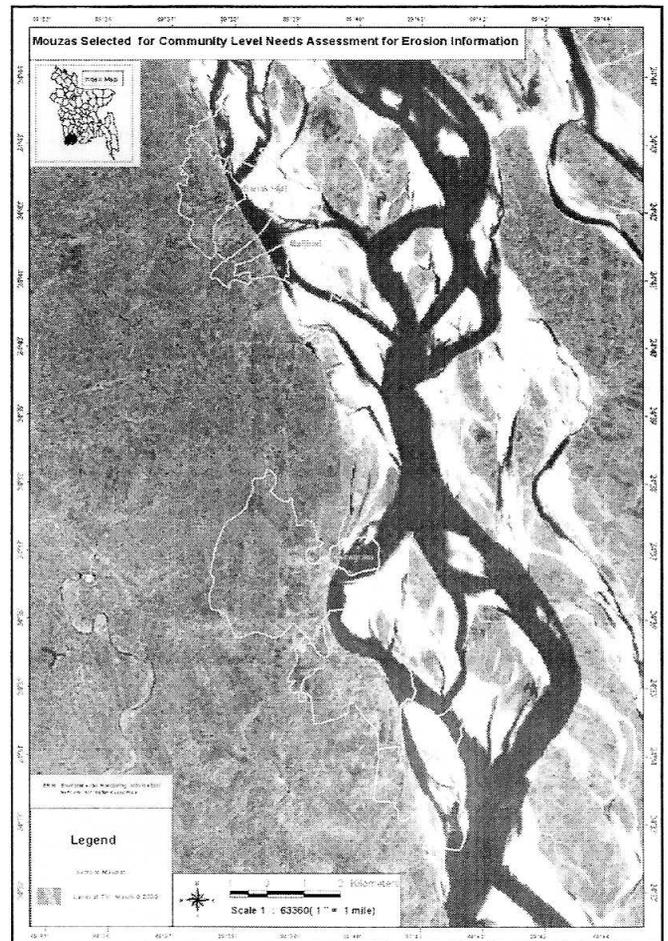
The broad objective of EMIN is to implement an information network to facilitate the planning and management of water and land resources as it relates to flood, erosion, river morphology monitoring and the potential local stakeholders of the Brahmaputra-Jamuna Flood Plain region.

The specific objectives are as follows:

- i) Make information accessible through a shared Information Network to facilitate the stakeholder interaction and improve governance mechanism in water sector.
- ii) Initiate the process of new improved governance practices by generating a decision support tool based on the use of Information Network to enrich the existing water management practices.
- iii) Ensure capacity building support, technology transfer for effective governance in water sector through organising training, workshops and seminars.
- iv) Strengthen the inter agency working co-ordination and operational link up between the data providers in order to improve on resource sharing.
- v) Evaluate the current gender role in water management in order to incorporate this issue into project design and implementation.
- vi) Encourage the involvement of female stakeholders in resources allocation, sharing and management process and ensuring the female along with the male to be the potential beneficiary of EMIN project.



Local flood study area: Doulatpur and Nagarpur upazila.



Local erosion study area: Kazipur and Doulatpur upazila along Jamuna river.

vii) Capacity building of WARPO in line with strengthening communication network for need based information flow among the water resources system related agencies.

Output of the project

The following are the output of the proposed project

i) Flood Monitoring and Prediction:

- Flood inundation
- Lead time prediction
- Flash Flood

ii) River Morphology Monitoring and Prediction:

- Generate Erosion /accretion monitoring/ preparedness information.

- Conduct Erosion Prediction
- Generate River siltation/dying information.

iii) Regional/Basin development planning and resource assessment

- Assess regional basin resources
- Financing and Implementation arrangement

The project is co-financed by GoB and CIDA grant. The Project Implementation Plan (PIP) has been signed on 27 July 2003 and work on the project has already been started.

The project is being implemented jointly by Water Resources Planning Organization (WARPO) and Bangladesh Water Development Board (BWDB).

HON'BLE MINISTER (contd' from page 8)

Hon'ble Minister was elected member of the Executive Committee of Asian Football confederation (AFC) from 1982 to 1986 and its AFC Vice-President in 1990. He was the first South Asian to become the Standing Committee Member of the International Football Federation (FIFA) from 1990 to 1994.

He served as a member of the FIFA disciplinary committee during the World Cup Football competition in USA in 1994.

The reputed footballer and football organiser involved himself in the national politics in 1986 when he was elected Member of Parliament from Bholra-3 constituency. He was elected MP from that constituency for six consecutive times (third, fourth, fifth, sixth, seventh and eighth) general elections. He was appointed Minister of State in charge of Ministry of Commerce for a brief period in 1996.

HON'BLE STATE MINISTER (contd' from page 8)

He has an excellent background of political career since school life. He joined the Bangladesh National Party (BNP) in 1996 and was elected Hon'ble Member of Parliament for consecutive two terms.

He is renowned for his cultural activities specially in Drama and Theatre. He was the founder Secretary of Dhruvad Sangeet Biddalaya, Nagarpur and Nagarpur thana Shilpo O Sangskritic Parishad. He is the author of Patharay Pushper Gan (poetry) and another book titled Path Chalthay Garmil (essays) is under publication.

SECRETARY OF THE MINISTRY OF WATER RESOURCES (contd' from page 8)

During his six years service in BEPZA as Member (Investment Promotion), he evaluated, processed and accorded approval to investment projects of about 300 million US\$ on spinning, weaving, dying and printing, specialized garments, electronics, golf shaft, fishing reel, sweater yarn, shoes, caps, garments accessories for Dhaka and Chittagong Export Processing Zone.

He was elected to the Board of Executive Directors of Islamic Development Bank, Jeddah Kingdom of Saudia Arabia for the 9th Term (2000-2002). He also worked as Director of IFIC Bank and Nepal-Bangladesh Financing and Leasing Company Ltd., Kathmandu, Nepal and Board Member of Kuwait Turkish EVKAF Finance House, Istanbul Turkey as representative of IDB. He has been working as Member-Secretary for IDB-Bangladesh Islamic Solidarity Educational Walkf.

He attended and contributed numerous international conferences/seminars/workshops/ symposiums held in Japan, KSA, Turkey, China, USA, UK, Belgium, Malaysia, France, Singapore, Austria, Thailand, Philippines, Sri Lanka, India, Benin, Germany, Italy, Greece, Algeria, Burkina Faso, Iran, Canada, etc.

He has several publications from home and abroad. One of his remarkable and most appreciated publications is "The Need for a New International Economic Order to Meet the Basic Needs of the People of the Third World Countries" published from London in 1978. He also edited the history of Barisal (1225 pages) and Manikgonj (800) districts.

Third World Water Forum Kyoto, Shiga and Osaka, Japan, March 16-23, 2003

The 3rd World Water Forum (WWF) and Ministerial Conference was held in Kyoto, Shiga and Osaka, Japan, March 16-23 to address the Global water crisis with the main focus to discuss the actions in line, translating the vision envisaged in the "World Water Vision" an output of 2nd WWF. Some 24,000 participants from 182 countries and 43 international organizations all over the world attended the

Forum. Dr. Mahmoud Abu-Zeid, President of the World Water Council and Egyptian Minister of Water Resources and Irrigation delivered the keynote speech in the opening ceremony. Crown Prince and Princess of Japan, the prince of Orange of the Netherlands and the prince of Morocco were among the dignitaries who also attended and made speeches on the day.

The official "Bangladesh Delegation" comprising twenty-seven members representing both the Government and Non-Government organizations attended the Forum.

Eng. L. K. Siddiqi, Honorable Minister of Water Resources, led the delegation. Director General BWDB, Director General WARPO, Member JRC, Chief Engineer, O&M BWDB, Chief Engineer, CERP, BWDB, Joint Chief, Planning, BWDB, Director, FF&WC BWDB, Managing Director DWASA, Executive Director CEGIS, Executive Director IWM, Chairperson GWP-SAS, Dr. Ainun Nishat IUCN, Prof. M. Feroz Ahmed BUET were among the members of the Bangladesh delegation.

There were 351 separate sessions arranged on 38 interlocking themes. The Ministerial Conference, which was held on 22nd and 23rd March 2003 drafted the "Ministerial declaration (MD)" culminating the out comes of all the sessions in the forum.

Bangladesh signed a "Declaration of Intent" concerning co-operation in the field of Integrated Flood Management in Deltas and Lowland River Regions with other four countries namely Argentina, China, Netherlands and Vietnam in the forum.

Bangladesh Session on Integrated Water Resources Management (IWRM)

The session called "Bangladesh towards IWRM" was held on 21st March at Otsu Hotel, Shiga, Japan under the Theme: Integrated Water Resources Management (IWRM) and Basin Management. Water Resources Planning Organization and Bangladesh Water Development Board jointly organized the session. Mr. Shin Sakurai, Member of Parliament, Japan, chaired the session. Honorable Minister of Water Resources, Government of Bangladesh in his Keynote speech stressed the need to develop and manage the water resources in the country on basin wide approach. He hoped that

International community would play a vital and effective role so that lower riparian countries like Bangladesh gets its equitable share.

Eight papers were presented in the session to highlight the issues, agenda and the activities of Bangladesh towards Integrated Water Resources Management in the country. Mr. Hossain Shahid Mozaddad Faruque, Director General of WARPO presented a paper "Bangladesh: Road to Integrated Water Resources Management" focusing the development of planning practices and how the draft framework of integrated water Management plan namely "National Water Management Plan (NWMP)" evolved through the processes. Mr. Giasuddin Ahmed Choudhury Chief Engineer (BWDB) presented a paper on "Community Participation in Water Management in Bangladesh". Mr. A. N. H Akthar Hossain, Director, BWDB presented a paper on "State of Water Resources in Bangladesh". Mr. Tauhidul Anwar Khan, Member JRC Bangladesh presented a paper "Bangladesh and the Transboundary Water issues". Mrs. Hasna J. Moudud of CARDMA presented a "Case Study: Impact of Climate Change in a Selected Coastal Area of Bangladesh Estuary Area of Noakhali". Prof. Ainun Nishat of IUCN presented a paper on "Water and Climate". Mr. K. Azharul Haq, Managing Director, DWASA in his paper "Urban Water Supply and Sanitation Services in Bangladesh" discussed the major constraints in the service delivery of water supply and sanitation in Bangladesh. Md. Khurshed Alam, Add. CE, DPHE presented a paper on "Rural Water Supply: Bangladesh Context". Professor M. Feroze Ahmed, BUET described the present situation of arsenic contamination of groundwater in Bangladesh in a paper "Arsenic Contamination of Groundwater in Bangladesh".

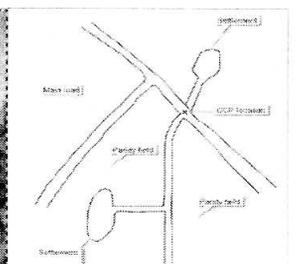
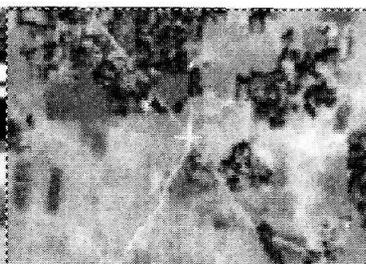
A large number of audiences attended the session including foreign delegates. To highlight the activities of the session, posters prepared by WARPO, BWDB and IWM were put up during the session, which attracted much attention from large number of international participants.

WARPO's new IT network!

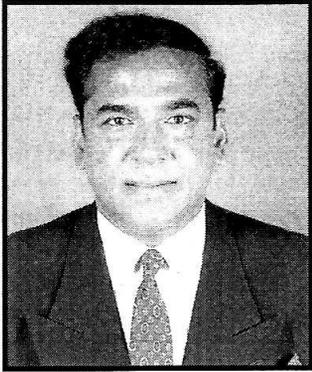
WARPO is going to implement a new IT network system that will replace the previous one. As a part of the process, a new server machine has already been procured. It is a DELL Poweredge 4601, 2.8 GHz, Xeon processor, 1 GB RAM, Digital audio tape, 4 x 36 GB HDD. This will be additional to the previously installed two servers. The whole network will be based on Windows 2000. You will find this modern and updated network system in WARPO from December 2003. This will eliminate some constraints inherent to the previous system. This will be done under project "CEGIS Support to WARPO".

GCP Data Bank

GCP are the known real-world location of the relative point features used for geo-referencing the GIS data layers and remotely sensed data.



HON'BLE MINISTER MINISTRY OF WATER RESOURCES



Mr. Hafiz Uddin Ahmad, BB took over as Hon'ble Minister for Water Resources in May 2003. He was born on October 29, 1944 at Lalmohan Thana under Bhola district. His father's name Dr. Azhar Uddin Ahmad who was member of the Pakistan National Assembly.

He passed the Matriculation examination in 1959 from Barisal Zilla School and Intermediate Examination in 1961 from Brazomohan College. He secured Honours degree in Political Science in 1964 and Masters in 1965 from Dhaka University. He got commission in the then East Bengal Regiment of Pakistan Army in December 1, 1966. He was decorated with the gallantry award of Bir Bikram by the Bangladesh Government for his Leadership and bravery during the Liberation War of 1971.

As an eminent footballer of the Country he represented Pakistan from 1967 to 1970 in International Tournament. He was also decorated with National Sports Award in 1980. He involved himself as sports organiser in 1982 and he was appointed General Secretary of Bangladesh Football Federation. He ran the office till 1986 before taking over as President of the Federation and held the highest office of football's federal body till 1989.

CONTD..../6

HON'BLE STATE MINISTER MINISTRY OF WATER RESOURCES



Advocate Goutam Chakraborty, Hon'ble State Minister, Ministry of Water Resources was born in October 21, 1955 at Nagarpur of Tangail district. He is the eldest son of late Bisweswar Chakraborty and Mrs. Indira Chakraborty.

Mr. Chakraborty comes of a very enlightened hindu family of Nagarpur. His father was a school teacher. His uncle was a doctor and veteran leader of the Swadeshi Movement. He began his schooling at his father's school. Then he got admitted into Jadunath Pilot High School at Nagarpur. This time he became actively involved in politics and was sent to jail for his leadership activities in the student movement against Ayub Govt. This incident led to his expulsion from Jadunath pilot high school. In spite political harassment he continued his study and passed S.S.C. examination from Santush Janhabi High School of Tangail as a private candidate. He was a front-line organizer in the war of liberation in his thana area. He passed H.S.C. Examination in 1973 from Nagarpur Govt. College. He obtained his B.A. degree in 1981 and LLB degree in 1984 from Dhaka University. He was a popular and successful advocate in the High Court Division of the Supreme Court of Bangladesh before assuming his present position.

CONTD..../6

SECRETARY OF THE MINISTRY OF WATER RESOURCES



Mr. Md. Sayef Uddin took over the charge of the Ministry of Water Resources as the Secretary on 31 January 2003.

He was born in the district of Noakhali in November 1945. He obtained Masters of Commerce in Management in 1967 from the University of Dhaka and Post Graduate Diploma in Demography in 1977 from the University of Wales, UK and took summer courses on Population Program Administration from the University of Chicago, USA in 1978.

Mr. Sayef Uddin joined civil service in October 1970 as Deputy Magistrate and Deputy Collector. Prior to that he served as Lecturer in Management at Chandpur College from May 1968 to September 1970. In his eventful career he served in numbers of prestigious positions in the Government of Bangladesh such as Additional Secretary and Joint Secretary in the Economic Relations Division,

Ministry of Finance; Joint Secretary to the Government of Bangladesh and Member (Investment Promotion), Bangladesh Export Processing Zone Authority (BEPZA) and so on.

CONTD..../6

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