



## Curriculum Vitae

1. Name : MD. MAHBUBUL ALAM
2. Gender : Male
3. Designation : Senior Scientific Officer  
Irrigation & Water Management Division  
Bangladesh Rice Research Institute
4. Date of joining in the present position : 13-07-2006
5. Date of first joining in service : 20-08-1998
6. Date of birth and place : 3<sup>rd</sup> June, 1971; Dhaka
7. Permanent address : House # 112, East Goran, P. S.- Khilgaon  
Dhaka-1219

### 8. Educational career:

Degree/Diploma/ Certificate	Class/ Grade/ Division	University/ Institute/ Board	Year
Doctor of Philosophy		Bangladesh University of Engineering and Technology	2011
M.S in Irrigation & Water Management	First	Bangladesh Agricultural University, Mymensingh	2004
B.Sc. Agricultural Engineering	First	Bangladesh Agricultural University, Mymensingh	1993 (held in 1997)
Higher Secondary Certificate (HSC)	First	Dhaka Board	1988
Secondary School Certificate (SSC)	First	Dhaka Board	1986

9. Field of Specialization : Irrigation and Water Management

**10. Job Experience:**

Position	Duration		Institution
	From	To	
Field Officer	01-02-1998	16-08-1998	DFID Research Project on Irrigation technology transfer
Scientific Officer	20-08-1998	07-12-2001	IWM Division, BRRI, Gazipur-1701
Scientific Officer	08-12-2001	27-06-2005	BRRI, R/S Sonagagi, Feni
Scientific Officer	28-06-2005	13-07-2006	IWM Division, BRRI, Gazipur-1701
Senior Scientific Officer	14-07-2006	To date	

**11. Training:****(a) In Country:**

Organization	Year	Duration		Topic of Training
		Months	Days	
Bangladesh Institute of Administration & Management (BIAM)	1997	3	15	Micro Computing Application Course on DOS, Windows, MS-Word, MS-Excel and FoxPro
Bangladesh Agril. Research Council (BARC), Dhaka	1998	-	15	Technology Transfer on Water Management, Mechanization and Agro-processing.
Bangladesh Rice Research Institute (BRRI), Gazipur	1988	2	-	Rice Production, Communication and Office Management
Bangladesh Agril. Research Council (BARC), Dhaka	1999	3	15	Foundation Training Course for NARS Scientists (1 <sup>st</sup> batch)
Bangladesh Agril. Research Council (BARC), Dhaka	2000	-	15	MIS Data Capture Training
Bisom Bismoy, Gazipur	2001	5	-	Programming with Visual Basic 6.0.
Systech Computers Ltd. Dhaka	2001	-	21	Computer Hardware Engineering
PETRRRA	2002	-	03	Breeder Seed Production and Preservation Techniques of Rice.
RPATC, Dhaka	2004	-	07	Environment Development and Disaster Management.
BUET, Dhaka	2005	-	03	Groundwater Management.
IWFM, BUET, Dhaka	2009		3	Gender and Water

**(b) Abroad:**

Organization	Year	Duration		Topic of Training
		Months	Days	
Asian Institute of Technology, Thailand	2000	1	12	Computer Application in Irrigation Management.
TATA Institute of Social Sciences, Mumbai, India	2008	-	14	Research Methodology
TATA Institute of Social Sciences, Mumbai, India	2010	-	10	Data analysis and Thesis Writing
University of Peradeniya, Peradeniya, Srilanka	2011		5	Writing shop

### 13. Publication:

#### i) Papers Published in Scientific Journals:

- i) **Alam, M. M.**, M.K. Mondal, M. Maniruzzaman, and M.N. Islam (2002). Water saving techniques in minor irrigation: A review work. Paper published in the Bangladesh Journal of Agricultural Engineering. Bangladesh Agricultural University, Mymensingh (Vol. 13, No. 1 &2: pp. 27-35)
- ii) Maniruzzaman, M., **M. M. Alam**, F.I.M. G. W. Sarkar, M.T. Islam and M.N. Islam(2002). Water saving technique through improved water distribution system in Deep Tubewell area of Bangladesh. Paper published on the Online Journal of Biological Science, Faisalabad, Pakistan (Vol.2 No. 3: pp: 178-182)
- iii) Maniruzzaman, M., **M. M. Alam**, F.I.M. G. W. Sarkar and M.N. Islam (2002). Alternative improved distribution system for minimizing irrigation water loss and cost in Deep Tubewell area of Gazipur, Bangladesh. Paper published on the J. of Progressive Agriculture. Bangladesh Agricultural University Mymensingh (Vol.13, No. 1 & 2: pp. 143-153)
- iv) **Alam, M. M.** and M.K. Mondal (2003). Comparative Performance of Hybrid and Inbred rice under different water management practices. Bangladesh J. of Agril. Sci. 30(2): (345-351). Bangladesh Agricultural University, Mymensingh.
- v) Sarker, M. M. R., M. S. Alam, S. Islam and **M. M. Alam** (2004). Resource exploitation for irrigated Boro rice cultivation under favourable production environments. Bangladesh Journal of Agrilcultural Science 31(1): (1-7). Bangladesh Agricultural University, Mymensingh.
- vi) M. Maniruzzaman, **M.M. Alam**, F.I.M. G. W. Sarkar and M.N. Islam (2001). Alternative improved distribution system in a Deep Tubewell site: An economic evaluation. Bangladesh Rice Journal Vol. No. VIII, 2001. Bangladesh Rice Research Institute, Gazipur.
- vii) M. Maniruzzaman and **M.M. Alam** (2005). Suitable joint and length of Hose pipe for efficient water distribution in Shallow Tubewell Irrigation. J. of Progressive Agriculture. Bangladesh Agricultural University Mymensingh.
- viii) **Alam, M. M.**, M. K. Mondal, A. B. M. Z. Hossain and GK Bhuiyan (2006). Soil moisture content and salinity dynamics of ploughed and unploughed land in the coastal region of Bangladesh. International J. of Sustain. Agril. Tech. (Online Journal), 2(2), pp. 69-76.
- ix) A. B. M. Z. Hossain, **Alam, M. M.** and M G Kibria (2006). Construction of Time-Domain Reflectometry (TDR) sensor for measuring soil-water content. International J. of Sustain. Agril. Tech. (Online Journal), 2(3), Pp. 14-20.

#### ii) Paper published in Workshop/ Conference/ Paper Meet/ Symposium proceedings:

- i) **M. M Alam** and M.K. Mondal (2002). Water Management in Hybrid Rice Production: Is it different from the conventional? Hybrid Rice in Bangladesh-Progress and Future

Strategies. Paper published in the proceedings of the First National Workshop on Research and Development of Hybrid Rice in Bangladesh held in BIRRI Gazipur on 5-6 January 2002.pp:62-66.

- ii) M Maniruzzaman, **M M Alam** and M.N. Islam (2002). Alternative hose pipe fittings for efficient irrigation water distribution in a STW area. Proceedings of the Second Annual Paper Meet, Agril. Engg. Div., Institution of Engineers, Bangladesh held at Gazipur on 22 December 2002. pp: 40-49.
- (iii) **M M Alam** and Saleh A F M (2009). Impact of Agricultural Water Management on Poverty Alleviation in a Deltaic Tidal Plain, Proceedings of Fourth Asia Water Research Conference on Interfacing Poverty, Livelihood and Climate Change in Water Resources Development: Lessons in South Asia held on May 4-6, 2009 at Kathmandu, Nepal. Pp. 49-63.
- (v) **M M Alam** and Saleh A F M (2011). Alleviation of Poverty Through Improved Water Management In a Deltaic Tidal Plain. Proceedings of the 3<sup>rd</sup> International Conference on Water and Flood Management (ICWFM-2011) held on 8-10 January 2011 at Dhaka, pp. 551-566.

### **iii) Paper presented in Seminar/ Workshop:**

- i) M. Maniruzzaman, **M M Alam**, F I M Golam Wahed Sarker and M A Sattar (2004). Water saving techniques through improved water distribution in minor irrigation systems. Paper presented in the Thursday seminar of Bangladesh Rice Research Institute, Gazipur-1701 on 9 September 2004.
- (ii) **M M Alam** and L R Khan (2005). Potentiality of groundwater utilization for crop production in Sonagazi Upazila. Paper presented in the Thursday seminar of Bangladesh Rice Res. Inst., Gazipur-1701 on 5 May 2005.
- (iii) S K Zaman, G. Ali and **M M Alam** (2005). Bangladesh Rice Research Institute, Regional Station, Sonagazi. Paper presented in the Annual Research and Extension Workshop held at BARI, RARS, Hathazari, Chittagong from May 31- June 02, 2005.
- (iv) **M M Alam** and A F M Saleh (2011). Impact of Water Management Interventions on Poverty Alleviation in a Deltaic Tidal Plain. Paper presented in the Thursday seminar of Bangladesh Rice Res. Inst., Gazipur-1701 on 24 March 2011.
- (v) **M M Alam** and A F M Saleh (2005). Selection of Suitable Water Management Option for Irrigation Expansion in a Tidal Basin Area. Paper presented in the Thursday seminar of Bangladesh Rice Res. Inst., Gazipur-1701 on 07 April 2011.

### **iv) Popular article published in newspapers and periodicals:**

- (i) **M M Alam (2005)**. Lobonakto Elakay Chasher Upojogi jat BIRRI dhan27. Chashabad. Page 17. The Daily Naya Diganta. 23 May 2005.
- (ii) **M M Alam (2005)**. Ufshi Jater Dhan Beshi Folon Dey keno?. Krishikotha. Page 9, The Daily Jugantor, 26 May 2005.

- (iii) **M M Alam (2005)**. Aman-e Khora Mokabelay Pani Babasthapona. Krishikotha, page 9, The Daily Jugantor, 23 June 2005.
- (iv) **M M Alam (2005)**. Lobonakto Elakay BRRI dhan40 o BRRI dhan41. Krishikotha, page 9, The Daily Jugantor, 28 July 2005.
- (v) **M M Alam (2005)**. Boro Chashe Secher Pani Sawshrayer Upay Samuho. Krishikotha, page 9, The Daily Jugantor, 15 July 2005.
- (vi) **M M Alam, M Maniruzzaman and M A Sattar (2005)**. Bhugorver Pani Diye Upakulio Elakay Sawshow Utpadoner Sombhabona. Dhan Gobeshona Somachar, A quarterly publication of Bangladesh Rice Research Institute, Gazipur. Year 16, 1<sup>st</sup> issue, July-October, 2005.
- vii) **M M Alam (2007)**. Biddut Shonkot Mokabelay Ja Korte Hobe. Batayan, page 5, The Daily Jugantor, 24 Mar 2007.