# Report on

# 3<sup>rd</sup> International Conference on Water and Flood Management

**ICWFM-2011** 

08-11 January, 2011 Dhaka, Bangladesh

Institute of Water and Flood Management Bangladesh University of Engineering and Technology

January 2011

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# Acknowledgement

The International Conference on Water and Flood Management (ICWFM-2011) was organized as per the decision of the Board of the Governors of the Institute of Water and Flood Management (IWFM) of BUET. The logistics support of BUET during the organizing phase and during conference was of vital importance to arrange the event. This conference would never have been successful without the intense and tireless efforts of some of the individuals and organizations. This endeavor therefore owes a considerable debt to a number of institutions.

We gratefully acknowledge the financial support provided by the Embassy of the Kingdom of the Netherlands. This support has made it possible to arrange the international event at an eminent venue, publish the pre-conference paper volume in an expanded manner and also accommodate more presenters from developing countries through financial support.

Active participation of the members from Department of Water Resources Engineering, BUET, Water Resources Planning Organization (WARPO), Bangladesh Water Development Board (BWDB), Local Government Engineering Department (LGED), Center for Environmental and Geographic Information Services (CEGIS) and Institute of Water Modelling (IWM), in organizing the conference, are gratefully acknowledged.

The members of the International Advisory Committee, the Local Advisory Committee and the Technical Committee are acknowledged for their valuable suggestions and comments.

The wholehearted cooperation provided by the faculty, staff and student volunteers of IWFM are gratefully acknowledged.

Last but not the least, the earnest and enthusiastic efforts by the members of various subcommittees, volunteers from different organizations and media persons are humbly appreciated.

# **Introduction and Background**

On April 23, 2007 in a follow-up meeting of the Organizing Committee for (First) International Conference on Water and Flood Management (ICWFM-2007) it was decided that ICWFM should be organized as a biennial event. Later, in 2008 this decision was approved by the Board of Governors of Institute of Water and Flood Management (IWFM), BUET. Accordingly, ICWFM-2009 was held during 15-17 March, 2009 and ICWFM 2011 was held during 8-10 January 2011. This report aims at providing an overview of ICWFM 2011 regarding its organization, papers, programme, and income and expenditure.

Management of water and flood plays a key role in economic growth and social development. Many of the water and flood management projects have not been able to achieve the desired objectives, because of inefficiency in water use, inequitable distribution of project benefits and costs, inappropriate institutional framework, and inadequate legal and regulatory measures. The emerging issues like global warming and climate change would exacerbate the management problems. Thus, there is a need for concerted effort to identify appropriate water policies, strategies and management practices to achieve sustainable solutions to water and flood management problems. The purpose of the conference was to discuss the above problems and issues and to advance knowledge on water and flood management in order to promote environmentally sustainable development.

# Organization of Conference

#### Announcement

The first announcement of the conference was made in March 2010. The announcement was publicized through postal mails, group-emails, website and circulation of posters and brochures.

### Conference Secretariat

A conference secretariat was established at IWFM, BUET since the announcement.

## **Organizers**

The conference was organized by the Institute of Water and Flood Management (IWFM) of Bangladesh University of Engineering and Technology (BUET), in collaboration with Department of Water Resources Engineering, BUET, Water Resources Planning Organization (WARPO), Bangladesh Water Development Board (BWDB), and Local Government Engineering Department (LGED).

#### Committees and Sub-committees

The following four committees were formed at the early stage and included in the announcement:

- 1. Organizing Committee
- 2. Technical Committee

- 3. Local Advisory Committee
- 4. International Advisory Committee

Later the following sub-committees were formed by the organizing committee:

- 1. Finance Committee
- 2. Registration Committee
- 3. Session Management Committee
- 4. Technical Visit Committee
- 5. Foreign Participants Affairs Committee
- 6. Publication Committee
- 7. Internet Committee
- 8. Inauguration Committee
- 9. Venue and Refreshment Committee
- 10. Press and Publicity Committee

A complete list of committee members is provided in APPENDIX-I.

# **Sponsors**

Financial supports for the conference were provided by The Embassy of the Kingdom of the Netherlands, Center for Environmental and Geographic Information Services (CEGIS) and Institute of Water Modelling (IWM). An agreement between The Embassy of the Kingdom of the Netherlands and IWFM, BUET, regarding financial support, was signed on December 20, 2010.

Financial contribution was also made by the LGED who collaborated in organizing the event.

A bank account was opened to operate the financial activities of the conference at Sonali Bank, BUET Branch (Current Account No. 33011231).

#### Registration fee

Registration fee for the participants is shown in Table 1. This fee covered registration materials, inauguration ceremony, and refreshment during conference, pre-conference paper volume and closing dinner.

Table 1: Registration fee

Developed countries	U.S. \$300
Developing countries	U.S. \$150
SAARC countries	U.S. \$100
Local participant (authors and IWFM alumni)	Tk. 3000
Local participant (delegates)	Tk. 5000

### Financial assistance to participants

A total of 14 participants from developing countries received local financial assistance. The financial assistance covered registration fee, accommodation, food and local transportation during the conference.

#### Database

A central database was developed to keep record of the received abstracts, papers, and their registration and presentation schedules. It was updated from time to time to organize the whole event smoothly.

#### Website

A website was launched for the conference to provide necessary information and updates regarding the event. The link was: http://www.buet.ac.bd/icwfm2011

# Papers and Participants

# Selection of abstracts and full papers

According to the first announcement deadline for abstract submission was 15 July 2010, notification of abstract acceptance 31 July 2010, deadline for full-paper submission 30 September 2010, notification of full-paper acceptance 31 October 2010, deadline for registration 15 November 2010.

A total of 176 abstracts were received from 13 countries. These abstracts were reviewed by 21 reviewers. From the submitted abstracts, a total of 145 were accepted and the corresponding authors were notified to submit full papers. Respective authors were notified about the status of their abstracts as per schedule. A country-wise distribution of the received and accepted abstracts is given in Table 2.

Table 2: Country-wise distribution of received and accepted abstracts

Country	Number of abstracts received	Number of abstracts accepted
Australia	3	3
Bangladesh	124	103
Germany	4	4
Hungary	1	1
India	18	16
Iran	4	2
Japan	7	6
Nepal	3	1
Pakistan	3	1
Sri Lanka	6	6
Thailand	1	1
Turkey	1	0
USA	1	1
Total	176	145

These abstracts were received under nine themes. A distribution of received and accepted abstracts under different themes is provided in Table 3.

Table 3: Theme-wise distribution of abstracts received and accepted

Theme	Number of	Number of abstracts
	abstracts received	accepted
Agricultural Water Management	17	11
Catchment Processes, Ecosystems and Quality of Environment	43	35
Climate Change Impacts on Water Management	24	17
Coastal Zone Management	20	19
Flood Management	14	10
River Basin Management	25	22
Urban Water Management	9	7
Water Governance and National Development	10	10
Water Information Management	14	14
	176	145

A total of 106 full papers out of 145 selected abstracts were received. These full papers were reviewed and finally 100 full papers were accepted for the conference.

Table 4 shows a country-wise distribution of the full papers of ICWFM-2011. Table 5 shows a theme-wise distribution of the papers of ICWFM-2011. These two tables do not include the keynote papers.

Table 4: Country-wise distribution of full papers for ICWFM-201

Country	Number of Papers
Australia	3
Bangladesh	68
Germany	3
India	13
Iran	2
Japan	3
Nepal	1
Sri Lanka	5
Thailand	1
USA	1
Total	100

Table 5: Theme-wise distribution of full papers for ICWFM-2011

Theme	Number of papers
Agricultural Water Management	10
Catchment Processes, Ecosystems and Quality of Environment	24
Climate Change Impacts on Water Management	12
Coastal Zone Management	11
Flood Management	8
River Basin Management	13
Urban Water Management	6
Water Governance and National Development	7
Water Information Management	9
Total	100

# Keynote papers

Two renowned researchers from the Netherlands; Professor Elco van Beek and Mr. Kees Slingerland were invited as keynote speaker for ICWFM-2011. Prof. van Beek presented a paper on 'Water, Climate and Sustainable Development in Delta's: Integrated approaches and lessons learned', while Mr. Slingerland did the same on 'Water and Climate in South Monsoon Asia: Major Challenges for 21st Century'.

## Conference proceedings

#### Format:

A format for the conference proceedings was circulated among the authors. Suggested maximum page limit was eight on a custom-sized paper with 7.5 x 10 inch and 1 inch margin on all four sides.

The pre-conference paper volume has been distributed ahead of the conference among the authors, delegates, guests and committee members. Some additional copies have been kept to distribute to selected libraries inside the country.

# Number of participants

A total of 100 authors participated during the conference including 32 participants from abroad. Apart from authors, professionals and delegates from the Netherlands attended the conference. This time a significant number of local delegates attended the conference. A total of fifty members of various sub-committees of the conference also attended the conference. A complete list of participants: authors, keynote speakers and delegates followed by a separate list of authors who received local financial assistance is provided in APPENDIX-II.

### **Conference Program**

#### Distribution of registration kit

Participants from Bangladesh collected their registration materials on 6-7 January, 2011 at the registration desk of IWFM, while participants from abroad received it from their respective hotel receptions.

#### Venue

The conference was held at Dhaka Sheraton Hotel at Minto Road.

# Inauguration

The three day event from 8<sup>th</sup> to 10<sup>th</sup> of January began with an inaugural ceremony where around 250 persons attended. Apart from the authors and organizers guests from different government and non-government organizations attended the inaugural session. Journalists from some of the national dailies and electronic media also joined the inaugural ceremony. Press clippings from some of the newspapers are provided in APPENDIX-III.

After recitation from the Holy Qur'an, Professor M. Shah Alam Khan, Director of IWFM, BUET made a welcome speech. It was followed by address from Professor Abul Fazal M. Saleh, Chairman of Organizing Committee ICWFM 2011, the Special Guests, Professor Dr. Habibur Rahman, Pro-Vice-Chancellor, BUET, Mr. Andre' Varmeer, First Secretary, Embassy of the Kingdom of The Netherlands and Chief Guest Alhaj Md. Mahbubur Rahman Talukder, MP, Hon'ble State Minister, Ministry of Water Resources, GOB. Finally Professor Dr. S. M. Nazrul Islam, Vice-Chancellor, BUET who was the chair of the inaugural session gave his speech.



Photo 1: Some of the audience during the inauguration ceremony of ICWFM-2011



Photo 2: Speeches during the inaugural ceremony: from top left corner clockwise: Professor Dr. M. Shah Alam Khan, Director IWFM, BUET; Professor Dr. Abul Fazal M. Saleh, Chairman Organizing Committee ICWFM 2011; Special Guest Mr. Andre Varmeer, First Secretary, Embassy of the Kingdom of The Netherlands; Professor Dr. S. M. Nazrul Islam, Vice-Chancellor, BUET; Chief Guest Alhaj Md. Mahbubur Rahman Talukder, MP, Hon'ble State Minister, Ministry of Water Resources, GOB and Special Guest Professor Dr. Habibur Rahman, Pro-Vice-Chancellor, BUET.





Photo 3: Keynote Presentations during ICWFM-2011, Left: Prof. Elco van Beek and Right: Mr. Kees Slingerland

# Paper presentation in technical sessions

Presentations of 100 papers were arranged by distributing them among seventeen technical sessions on January 8 and 9. These technical sessions were accommodated by arranging three parallel sessions on each day.

The paper presentation schedule including the paper titles are given in APPENDIX-IV. Fifteen minutes was allotted for every author that included a five minutes discussion period. Table 6 shows the number of technical sessions under each theme.

Table 6: Theme-wise distribution of number of technical sessions for ICWFM-2009

Theme	Number of sessions
Agricultural Water Management	2
Catchment Processes, Ecosystems and Quality of Environment	4
Climate Change Impacts on Water Management	2
Coastal Zone Management	2
Flood Management	1
River Basin Management	2
Urban Water Management	1
Water Governance and National Development	1
Total number of technical sessions	17





Photo 4: Presentations during technical sessions of ICWFM-2011

# Closing dinner

A closing dinner for all the participants and invited guests was held at Hotel Saffron from 7:30 pm in the evening on January 9, 2009. Other than the participants of the conference officials from collaborating and sponsoring agencies also joined the dinner. A 40-minute absorbing cultural program preceded the dinner.



Photo 5: Cultural program on 9 January evening at Hotel Sfffron.

#### Technical visits

Two parallel field visits were arranged on January 10, Monday. One of the trips was to the Meghna-Dhonagoda irrigation project organized by Bangladesh Water Development Board (BWDB). The other one was to the Rubber-Dam project situated at Sherpur and it was organized by Local Government Engineering Department (LGED). Due space limitations only foreign participants were allowed in visit to the irrigation project. The visit to the Rubber-Dam project was later cancelled as only a few of the participants signed up for the visit.

During the visit the participants were shown the pump house and the irrigation canal system and they were involved in the discussion with the local people about the operation and maintenance of the project. There were discussions about how the user groups were formed and how they provide feedback to the authority.





Photo 6: Participants at the Meghna-Dhonagoda irrigation project site

# APPENDIX I: LIST OF COMMITTEE MEMBERS

#### **Organizing Committee**

Professor Abul Fazal M. Saleh, IWFM, BUET

Professor Jahir Uddin Chowdhury, IWFM, BUET

Professor M. Mozzammel Hoque, IWFM, BUET

Professor Md. Rezaur Rahman, IWFM, BUET

Professor M. Shah Alam Khan, IWFM, BUET

Professor M. A. Matin, DWRE, BUET

Mr. Dhali Abdul Qaium, BWDB

Mr. Md. Moshiur Rahman, LGED

Dr. Md. Abu Taher Khondoker, WARPO

Dr. Mohammad Asad Hussain, IWFM, BUET

#### **Technical Committee**

Professor Abul Fazal M. Saleh, IWFM, BUET

Professor Jahir Uddin Chowdhury, IWFM, BUET

Professor Mozzammel Hoque, IWFM, BUET

Professor Md. Zahurul Islam, IWFM, BUET

Professor Md. Rezaur Rahman, IWFM, BUET

Professor Anisul Haque, IWFM, BUET

Professor Md. Munsur Rahman, IWFM, BUET

Professor Fazlul Bari, DWRE, BUET

Professor M. Mirjahan Miah, DWRE, BUET

### **Local Advisory Committee**

Director General, Bangladesh Water Development Board

Director General, Water Resources Planning Organization

Chief Engineer, Local Government Engineering Department

Executive Director, Center for Environmental and Geographic Information Services

Executive Director, Institute of Water Modelling

Director General, Department of Environment

Division Chief, Agriculture, Water Resources and Rural Institution Division, Planning Commission

Commission

Director General, River Research Institute

Director General, Bangladesh Institute of Development Studies

Executive Director, Bangladesh Center for Advanced Studies

President, Bangladesh Water Partnership

#### **International Advisory Committee**

Dr. Saleemul Huq, International Institute for Environment and Development, UK

Prof. Eelco van Beek, Delft Hydraulics, The Netherlands

Prof. Nimal Gunawardena, University of Peradeniya, Sri Lanka

Prof. Takashi Hosoda, Kyoto University, Japan

Prof. Shafigul Islam, Tufts University, USA

Dr. Peter P. Mollinga, Centre for Development Research, Germany

Prof. Hajime Nakagawa, Kyoto University, Japan

Prof. Ainun Nishat, International Union for Conservation of Nature, Bangladesh

Prof. Salim Rashid, University of Illinois at Urbana-Champaign, USA

Dr. Olli Varis, Helsinki University of Technology, Finland

Dr. Saleh A. Wasimi, Central Queensland University, Australia

Mr. G. Pichel, DHV BV, Amersfoort, The Netherlands

Dr. Madhav Karki, International Centre for Integrated Mountain Development, Nepal

Prof. P. A. Carling, University of Southampton, UK

Prof. S. Janakarajan, Madras Institute of Development Studies, India

#### **Finance Committee**

Professor Md. Rezaur Rahman, IWFM, BUET

Professor M. Munsur Rahman, IWFM, BUET

Dr. Md. Sabbir Mostafa Khan, DWRE, BUET

Mr. Anil Chandra Barman, LGED

Mr. Md. Shahjahan, WARPO

Dr. Ahmadul Hassan, CEGIS

Mr. Abu Saleh Khan, IWM

Dr. Mohammad Asad Hussain, IWFM, BUET

# **Registration Committee**

Professor M. Munsur Rahman, IWFM, BUET

Dr. Mashfigus Salehin, IWFM, BUET

Dr. Mohammed Abed Hossain, IWFM, BUET

Ms. Nazmun Naher Chowdhury, LGED

#### **Session Management Committee**

Professor Anisul Haque, IWFM, BUET

Dr. A.K.M. Saiful Islam, IWFM, BUET

Dr. Mohammed Abed Hossain, IWFM, BUET

Ms. Sonia Binte Murshed, IWFM, BUET

#### **Technical Visit Committee**

Dr. Sujit Kumar Bala, IWFM, BUET

Dr. Mashfiqus Salehin, IWFM, BUET

Mr. Anil Chandra Barman, LGED

Mr. Mahfuzur Rahman, BWDB

#### Foreign Participants Affairs Committee

Professor M Mozzammel Hoque, IWFM, BUET

Dr. Sujit Kumar Bala, IWFM, BUET

Dr. Mohammad Asad Hussain, IWFM, BUET

#### **Internet Committee**

Dr. A.K.M. Saiful Islam, IWFM, BUET

Ms. Sonia Binte Murshed, IWFM, BUET

#### **Publication Committee**

Dr. M. Shahjahan Mondal, IWFM, BUET

Dr. M. Ataur Rahman, DWRE, BUET

Dr. Mohammad Asad Hussain, IWFM, BUET

Dr. Mohammad Abed Hussain, IWFM, BUET

Ms. Sonia Binte Murshed, IWFM, BUET

Mr. Mohammed Alamgir, WARPO

# **Inauguration Committee**

Dr. Tarekul Islam, IWFM, BUET

Dr. Umme Kulsum Navera, DWRE, BUET

Dr. Mohammed Abed Hossain, IWFM, BUET

Ms. Sonia Binte Murshed, IWFM, BUET

Ms. Sonia Binte Mahtab, DWRE, BUET

Mr. Sultan Ahmed, CEGIS

Mr. Md Ekram Ullah, WARPO

#### Venue and Refreshment Committee

Dr. Mashfiqus Salehin, IWFM, BUET

Dr. A.K.M. Saiful Islam, IWFM, BUET

Dr. Mohammad Asad Hussain, IWFM, BUET

Mr. Nuruzzaman Sheikh, IWFM, BUET

Mr. Md. Siddiqur Rahman, WARPO

# APPENDIX II: LIST OF PARTICIPANTS IN ICWFM-2011

# **List of Authors from abroad:**

	Name of participant	Country
1	S.H. Tabatabaei	Iran
5	Mohammad Reza Emdad	Iran
7	Samrat Goswami	India
13	Anirban Dhar	India
14	G.S. Chauhan	India
15	A. Bormudoi	Thailand
21	A.Pariari	India
26	Arun Goel	India
32	Susmita Sen Majumder	India
32	Gupinath Bhandari	India
38	Terunori Ohmoto	Japan
39	Naoki Yamashita	Japan
39	Toshio Fujimi	Japan
49	Shafi Noor Islam	Germany
57	Kabir Uddin	Nepal
59	Saleh A. Wasimi	Australia
61	Md. Sharif Imam Ib-N-E Amir	Australia
63	Muditha Prasannajith Perera	Sri Lanka
63	K.H. Deepal Chandima	Sri Lanka
84	S.P.Tucker	India
91	M.T.M. Mahees	Sri Lanka
97	Pierre Borghi	Germany
97	Bishawjit Mallick	Germany
99	S.S.K. Chandrasekara	Sri Lanka
99	E.R.N. Gunawardena	Sri Lanka
100	Jyothi Prasad	India
101	Tasnim Khandker Masuma	Japan
102	I.P.P. Gunawardana	Sri lanka
103	Pradip K Sengupta	India
104	H J Shiva Prasad	India
104	Prakash Chandra Swain	India
129	W.B.G.Fernando	Sri Lanka
131	Barnali Goswami	India

135	M. Azizur Rahman	Germany
160	Himangshu S. Das	USA
165	A . Roy Chowdhury	India
173	Faisal Ahammed	Australia

# List of local authors:

Abs. ID.	Name of the Participant	Country
9	R. K. Biswas	Bangladesh
12	M. Aminul Haque	Bangladesh
17	Md. Rezaul Karim	Bangladesh
19	Sinora Zaman	Bangladesh
20	Md. Mafizur Rahman	Bangladesh
23	Ashabul Hoque	Bangladesh
25	Md.Mahfuzur Rahman	Bangladesh
27	Hasan Murad	Bangladesh
30	Safina Naznin	Bangladesh
31	M. Shahjahan Mondal	Bangladesh
33	Masum ur Rahman	Bangladesh
37	Farzana Nasrin	Bangladesh
40	Prosun Kumar Ghosh	Bangladesh
41	Apurba Swatee Mahboob	Bangladesh
42	Faruq Ahmed Mohiuddin	Bangladesh
44	S. M. Lutful Kabir	Bangladesh
45	Md. Shahjahan Ali	Bangladesh
48	G.M. Akam Hossain	Bangladesh
52	Mahmud Hasan Tuhin	Bangladesh
55	Shams Al-Amin	Bangladesh
58	Moshiur Rahman	Bangladesh
62	Rahman Md. Mosiur	Bangladesh
67	Pintu Kanungoe	Bangladesh
69	Mutahara, M.	Bangladesh
72	Shammi Akter Satu	Bangladesh
75	Maminul Haque Sarker	Bangladesh
79	Mohammad Shahidul Islam	Bangladesh

88	Shahida Khanom	Bangladesh
89	Mohammad Aminur Rahman Shah	Bangladesh
93	Sudeb Kumar Das	Bangladesh
107	Md. Waji Ullah	Bangladesh
108	Sara Nowreen	Bangladesh
109	Moshrefa Khanam	Bangladesh
110	Raiyan Al-Mansur	Bangladesh
111	Rajib Kamal	Bangladesh
115	Faizuna Warda	Bangladesh
118	Tanjina Afrin	Bangladesh
119	Sonia Binte Murshed	Bangladesh
123	Nazma Parveen	Bangladesh
124	Mohammad Hafizul Islam	Bangladesh
125	Md. Shahjahan Ali	Bangladesh
127	A.K.M Saiful Islam	Bangladesh
130	Dhali Dhali Abdul Qaium	Bangladesh
133	Md. Salauddin	Bangladesh
137	Muhammad Anowar Saadat	Bangladesh
138	Md. Ataur Rahman	Bangladesh
139	Sazia Afreen	Bangladesh
142	Andrew Jenkins	Bangladesh
142	Md. Shorab Hossein	Bangladesh
144	M. M. Alam	Bangladesh
145	Rahman Mohammad Arifur	Bangladesh
146	Rahman Md. Shahinur	Bangladesh
147	Md. Jahir Uddin	Bangladesh
148	Mohammad Nazim Uddin	Bangladesh
149	Ahmadul Hassan	Bangladesh
149	Bhuiya Md. Tamim Al Hossain	Bangladesh
150	Rizwana Rumman	Bangladesh
150	Md. Waji Ullah	Bangladesh
150	Md. Monirul Islam	Bangladesh
152	Giasuddin Ahmed Choudhury	Bangladesh
156	Malik Fida Abdullah Khan	Bangladesh
156	Nandan Mukherjee	Bangladesh
157	Most. Nazneen Aktar	Bangladesh

159	M. Shahjahan Mondal	Bangladesh
161	S.M. Sanaul Kafi	Bangladesh
163	B.M. Sirajeel Arifin	Bangladesh
164	Rahman Md. Munsur	Bangladesh
167	AFM Afzal Hossain	Bangladesh
169	Kamruzzaman Khan	Bangladesh
171	M. S. Rahman	Bangladesh
172	Bijoy Kumar Ghosh	Bangladesh
175	Md. Shahjahan Howlader	Bangladesh

# **Keynote Presenters:**

1	Prof. Eelco van Beek	The
	Deltares / University Twente	Netherlands
2	Kees Slingerland	The
	Wageningen University and	Netherlands
	Research Centre	

# List of foreign authors who received financial support:

	Name of participant	Country
7	Samrat Goswami	India
14	G.S. Chauhan	India
21	A.Pariari	India
32	Susmita Sen Majumder	India
63	Muditha Prasannajith Perera	Sri Lanka
84	S.P.Tucker	India
91	M.T.M. Mahees	Sri Lanka
99	S.S.K. Chandrasekara	Sri Lanka
100	Jyothi Prasad	India
102	I.P.P. Gunawardana	Sri lanka
103	Pradip K Sengupta	India
129	W.B.G.Fernando	Sri Lanka
131	Barnali Goswami	India
165	A . Roy Chowdhury	India

# **LGED Delegates**

Mr. Abdul Quddus Mondal Executive Engineer (PSSWRSP) LGED, RDEC Building Sher-E-Bangla Nagar Agargaon, Dhaka-1207

Mr. Md. Abdur Rauf Senior Assistant Engineer (IWRMU) LGED, RDEC Building Sher-E-Bangla Nagar Agargaon, Dhaka-1207

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# **BWDB** delegates

Mr. Md.Abdul Wadud Bhuiyan

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Bangladesh Water Development Board

Mr. Md. Saiful Islam

Superintending Engineering, Design Circle 4

Bangladesh Water Development Board

Mr. Md. Fazlur Rahman

Superintending Engineering (Food for Work Programme)

Bangladesh Water Development Board

Mr. Gopal Chandra Sutradhar

Director (Planning 2)

Bangladesh Water Development Board

Mr. Md. Mahfuzur Rahman

Executive Engineer

Bangladesh Water Development Board

# **Other delegates**

Mr. Md. Abdur Rouf	Dr. Sultan Ahmmed
Assistant Professor	Chief Scientific Officer
Dept. of Humanities	BARC
BUET, Dhaka	Bangladesh
Mr. Md. Monowar Hossain	Shaakeel Hasan
Lecturer	Bangladesh
DUET, Gazipur	
Mr. Md. Nazrul Islam Siddique	Judith de Bruijne
Director	Netherlands
RRI	
Faridpur	
Professor Dr. Md. Mizanur Rahman Bhuiyan	
Khulna University	
Bangladesh	