

Report on
Training on Climate Change and Emerging Challenges of
Food Security

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1. INTRODUCTION

Training is an integral part of development process of human resources to ensure efficiency and add new and updated skill and knowledge in order to full fill the set objectives of any kind of programme. Due to emergence of climate change impacts food sector would be hampered and security of food needs to be ensured. To achieve this training programme was conceived by Bangladesh Water Partnership (BWP) under joint collaboration of Institute of Water Modelling (IWM).

1.1 Designing of Training Programme: IWM designed a training programme for two days on 24-25 April 2013 which was agreed by BWP.

1.2 Venue and Duration of the Training Programme:

As per approved schedule, the training programme was held in IWM Training Room located at House # 495, Road # 32, New DOHS, Mohakhali, Dhaka-1206 during 24-25 April 2013.

1.4 Inauguration and Closing of the Training Programme:

Inauguration of the training programme was held in IWM Training Room which was attended by 12 trainees from different organizations, Md. Ashraf Ali Khan, HRD Manager, Mr Saad Siddqui, Head of HR, Dr. AFM Afzal Hossain, PEng. DED(P&D), IWM, Prof. Dr. Monowar Hossain, Executive Director, IWM and Dr. Khondaker Azharul Haque, Vice-President, BWP.

1.5 Training Methodology

The training programme on **Effects of Climate Change on Food Security** comprised of class room lectures and power-point presentations. Handouts were provided both hard and soft copy among all the participants on both the modules.

2.0 OBJECTIVES OF THE TRAINING PROGRAMME

The main objective of the training course was to disseminate knowledge on food security at the event of climate change impacts. Objectives also include sharing of experience and professional networking of the participants from different organizations.

3.0 TRAINING SCHEDULE

*A copy of approved training schedule is enclosed under **annexure-1**.*

4.0 TOPICS COVERED IN THE COURSE

- Effect of Climate Change on Groundwater
- Coastal Area Adaptation on Food Security

- Climate Change and Effects on Droughts
- Effects of Climate Change on Disaster Management
- Effects of Climate Change in Deltas Areas
- Climate Change Adaptation - Global Perspective
- Climate Change Issues- Bangladesh Perspective
- Effect of Climate Change on Agriculture with emphasis on Wheat
- Climate Change and Its Effects on Food Security
- Climate Change & Agriculture Water Requirement

5.0 NAME, DESIGNATION AND CONTACT NUMBERS OF THE TRAINEES

List of trainees and their designation with contact numbers is as below:

Sl No	Name and organization	Designation	Organization	Contact
1	Dr. Nazmun Nahar Karim	PSO (Ag.Engg.),	BARC	01715013033 nazmunkarim@yahoo.com
2	Mr. Md Maniruzzaman	Senior Scientific Officer, Irrigation and Water Management Division.	BRRRI	01828597082 mzamaniwm@yahoo.com
3	Dr. Md. Rafiqul Islam	Upazilla Agriculture Officer, Khamar Bair, Farmgate	DAE	01715 135406 rafiqulislam_ag@yahoo.com
4	Dr. Md Abu Hena Sorwar Jahan	Principal Scientific Officer, Regional Wheat Research Centre	BARI	01714 552521 belal.bari@gmail.com
5	Md. Ekramullah	PSO (Agr.)	WARPO	01715064922 bd.ekram@gamil.com
6	Mr. Mohammad Noornabi	Asst Chief Engineer, Micro- Irrigation div, BADC	BADC	01715-982503 mnoornabi_badc@yahoo.com
7	Robin Kumar Biswas	Sub –Divisional Engineer	BWDB	01829 220207 biswasrobin@gmail.com
8	Md. Mokhlesur Rahman Chowdhury		CNRS	01672575253 sumon.agri@gmail.com
09	Mr Md. Azaz Morshed Chowdhury	Executive Engineer (Environment), IWRM Unit, LGED HQ	LGED	01711196735 mdazaz@lged.gov.bd
10	Md. Mozahidur Rahman	Asst Director, DOE	DOE	01717583212 razu.fwt03@gmail.com
11	Dr. Sk. Md. Rezaul Islam	DD (Planning)	DMB	01711961292 dr.rezaulislam@gmail.com
12	Zannatul Ferdous	Junior Engineer	IWM	zfh@iwmbd.org

6.0 NAME, DESIGNATION AND CONTACT NUMBERS OF THE TRAINERS

List of trainers and their designation is as below:

SI No	Name of Trainer	Designation	Organization
1	Dr. Anwar Zahid,	Deputy Director, GWC	BWDB
2	Rubayat Alam	Senior Specialist	IWM
3	Md. Tarikul Islam	Senior Specialist	IWM
4	S M Shah Newaz	Director, Flood Management	IWM
5	Mobashurul Hasan	Senior Specialist	IWM
6	Catharien Terwisscha van Scheltinga	Director	Wageningen UR Project office
7	Dr. Md Abu Syed	Fellow	BCAS
8	Dr. Md Shirazul Islam	Consultant	CIMMYT
09	Dr. Wais Kabir	Executive Chairman	BARC
10	Dr. A.F.M. Saleh	Professor, IWFM	BUET

7.0 PRESENTATION ON DELTA ALLIANCE

At the end of the program Executive Director Prof. Dr. M Monowar Hossain gave a presentation on the Delta Alliance. He gave a brief outline on the activities that are carried out by the alliance which has been working in Bangladesh since October 2011. The office of Delta Alliance is based at IWM which hosts all coordination related to the matter and Prof. Dr. Monowar Hossain is the coordinator of the Alliance, Bangladesh Chapter. He highlighted that Bangladesh being a delta developed from the three major rivers in the region the Ganges, the Brahmaputra and the Meghna plays a vital role in the drainage of all rivers in the region. Presently the Dutch government is developing a huge project called Delta Plan which is of vital importance; hence networking activities on sharing & learning experience on Delta is of immense importance.

8.0 CLOSING & CERTIFICATE AWARDING

Closing and certificate awarding session of the training programme was held at IWM Training Room on 25 April 2013. The programme was welcomed by HRD Manager of IWM. Trainees from agriculture related organizations were requested to make comments which was very positive and all the trainees came up with a view that the programme was very fruitful. Mr. Saad Siddqui, Head, HR, Dr A.F.M. Afzal Hossain, Deputy Executive Director (P&D), Mr. Abu Saleh Khan, Deputy Executive Director (Opn), Prof. Dr. M. Monowar Hossain, Executive Director, IWM and Mr. Mr M. Shahidul Hasan, President BWP attended and spoke in the closing session. All the trainees received certificate from the Executive Director, IWM and President, BWP.

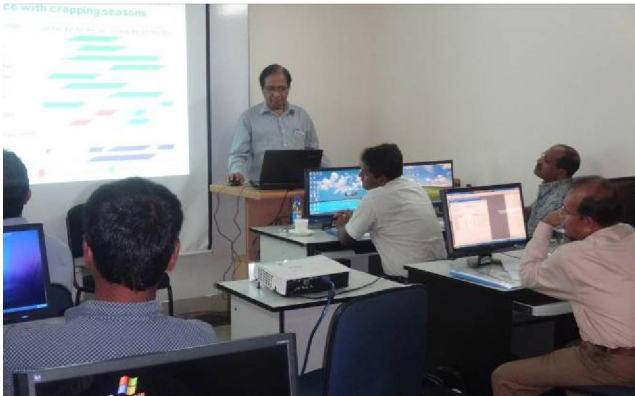
9.0 Photo Gallery



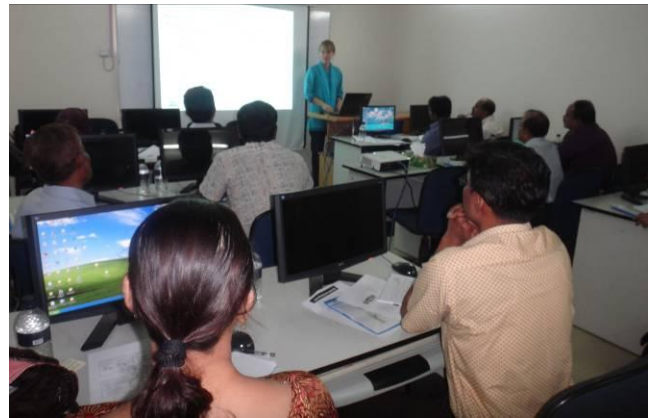
Presentation by Vice President BWP



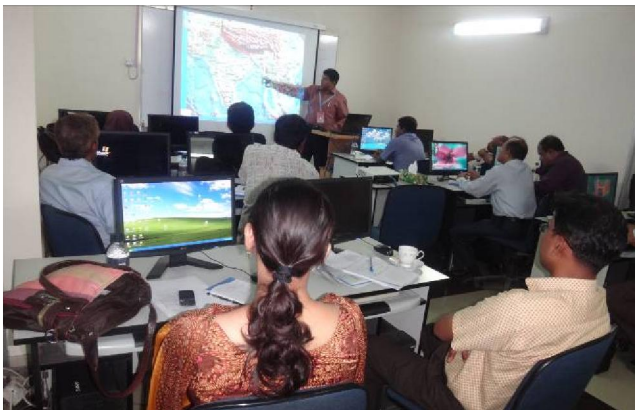
Executive Director, IWM addressing inaugural session



Business session of the training program



Business session of the training program



Business session of the training program



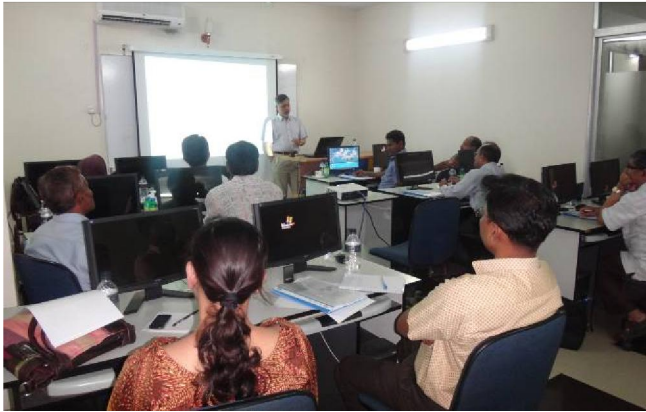
Awarding of certificate among the participants



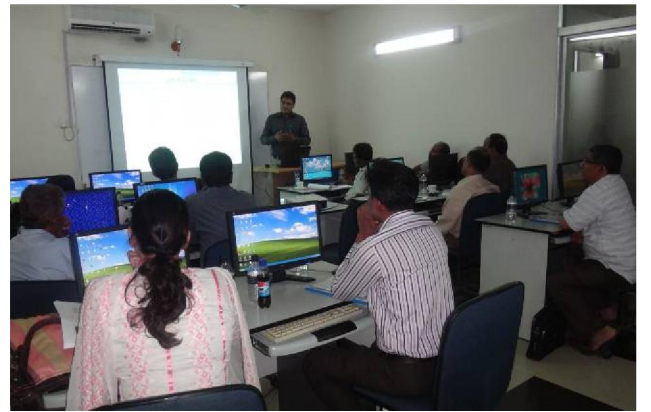
President, BWP addresses in the closing session



Executive Director, IWM presents on Delta alliance



Business session of the training program



Business session of the training program