

বাংলাদেশ পানি উন্নয়ন বোর্ড

প্রজেক্ট ম্যানেজমেন্ট ইউনিট
উপকূলীয় বাঁধ উন্নয়ন প্রকল্প, ১ম পর্যায় (সিইআইপি-১),
পানি ভবন, ব্লক-বি, লেভেল-১০ (১১তম তলা)
৭২, গ্রীন রোড, ঢাকা-১২০৫।
ই-মেইল : pdpmucep@gmail.com



Project Management Unit
Coastal Embankment Improvement Project
Phase-1, (CEIP-1), BWDB
Pani Bhaban, Block-B, Level-10
72, Green Road, Dhaka-1205.
E-mail: pdpmucep@gmail.com

Memo No: CEIP/447

Date: 07-04-2022

Office Order

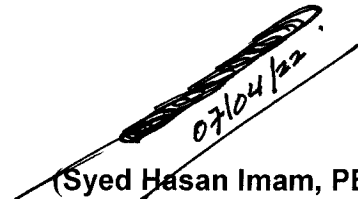
A 02 (Two) days Training Programme on "Cyclone Storm Surge Model Training for BWDB Professionals" will be conducted by Joint Venture of DHI and Deltares in partnership with IWM under "Long Term Monitoring, Research and Analysis of Bangladesh Coastal Zone" Consultancy Service of Coastal Embankment Improvement Project, Phase-1 (CEIP-1). The Training Programme is scheduled to commence from 11th April, 2022 and close on 12nd April, 2022 at the Central ICT Lab, Room No-1105, Level-11, Pani Bhaban, B WDB, Dhaka.

S.L No	Name	Designation & place of posting	E-mail ID & Mobile No
01.	Mr.A.K.M.Tahmidul Islam	Chief Engineer South-Western Zone BWDB, Khulna.	ce.khulna@gmail.com Mobile No: 01712-171241
02.	Dr. Md. Khairul Islam	Superintending Engineer CSO to DG BWDB, Dhaka.	cso.dg@bwdb.gov.bd Mobile No-01719-859366
03.	Mr. Md. Aminul Islam	Superintending Engineer Design Circle-2 BWDB, Dhaka.	aminul706@yahoo.com Mobile No: 01716-320608
04.	Mr.Muhammad Jahangir Alam	Superintending Engineer, Directorate Programme, BWDB, Dhaka.	dir.programme@bwdb.gov.bd Mobile No: 01318-234593
05.	Mr. Mohammad Saif Uddin	Superintending Engineer Design Circle-8 BWDB, Dhaka.	sarif.uddin.bwdb@gmail.com Mobile No: 01816-718303
06.	Mr. Abdullah Md.Mustofa Sorwar	Superintending Engineer Central GIS Directorate BWDB, Dhaka	gis.bwdb@gmail.com Mobile No: 01795-896724
07.	Dr. Robin Kumar Biswas	Superintending Engineer Planning-3 Directorate BWDB, Dhaka	biswasrobin@gmail.com Mobile No: 01884-415967
08.	Mr. Md. Jakaria Pervez	Executive Engineer, Design Circle-8 BWDB, Dhaka.	jakariapervez@gmail.com Mobile No-01712-660025
09.	Mr. Mohammad Samiul Hoque	Executive Engineer, PMU, CEIP-1, BWDB, Dhaka.	samiul1979@gmail.com Mobile No-01726-233262
10.	Mr. Abu Sayeed Md. Masum	Executive Engineer, Design Circle-8 BWDB, Dhaka.	masumsayeed3001@gmail.com Mobile No-01818-304489
11.	Ms. Poly Das	Executive Engineer, Design Circle-7 BWDB, Dhaka.	enggpoly@yahoo.com Mobile No-01670-681427

S.L No	Name	Designation & place of posting	E-mail ID & Mobile No
12.	Mr.Kazi Shahidur Rahman	Executive Engineer, Design Circle-2 BWDB, Dhaka.	torun216cee@gmail.com Mobile No-0171-2831502
13.	Ms.Marzia Israt	Sub-Divisional Engineer, Design Circle-2 BWDB, Dhaka	marzia.dc4.bwdb@gmail.com Mobile No-01672-606834
14.	Mr.Shahriar Sarkar	Sub-Divisional Engineer, PMU,CEIP-1, BWDB, Dhaka	shahriaranik@gmail.com Mobile No-01954-479232
15.	Mr.Md Arfin Jubaed	Sub-Divisional Engineer, Dhaka Morphology Division, BWDB, Dhaka	arfin.jubaed@gmail.com Mobile No-01718-818443

The training schedule and content is attached herewith for kind information. All participants are requested to attend the training on scheduled date and time.

Enclosed Training Schedule:


 (Syed Hasan Imam, PEng)
 Addl. Chief Engineer
 &
 Project Director,
 CEIP-1, BWDB, Dhaka

CC with enclosure to (Not as per Seniority)

1. Director General (DG), BWDB, Dhaka.
2. Additional Director General (ADG), West Region, BWDB, Dhaka.
3. Additional Director General (ADG), Planning, BWDB, Dhaka.
4. Chief Monitoring, BWDB, Dhaka.
5. Chief Engineer, Design, BWDB, Dhaka.
6. Chief Engineer, Hydrology, BWDB, Dhaka.
7. Chief Engineer, Planning, BWDB, Dhaka.
8. System Analyst, Central ICT Directorate, BWDB, Dhaka.
9. All Participants
10. Team Leader/Deputy Team Leader, LTM Consultancy Services, CEIP-1.
11. Office Copy

“Schedule of Cyclone Storm Surge model Training for BWDB Professionals”

Day-1: Basic Concepts of Cyclone Formation and Coastal Dynamics & Model Development

Date: 11th April 2022 (Monday)

Time Duration:- (10:00 AM-1:00 AM)

Topic-1: Cyclonic Storm Surge and Bangladesh

- ❖ Process/Formation of Cyclones and Historical Cyclones;
- ❖ Process of Cyclone formation and Earth Coriolis effect (Rotation of Cyclone);
- ❖ Classification of Tropical Cyclones;
- ❖ Tracks of Major Cyclones (1960-2021);
- ❖ Cyclonic Storms and Their Intensity;
- ❖ Historical Cyclones and Cyclone Track;
- ❖ Vulnerability of coastal zone of Bangladesh to Cyclonic Storm Surge;
- ❖ The success of the Early Warning System

Topic -2: Coastal Dynamics

- ❖ Basic Concept of Tide,
- ❖ Tidal Characteristics focusing Semi diurnal tide;
- ❖ Tide Prediction and Analysis

Topic-3: Development of Storm Surge Model

- ❖ Step-1: Mesh Generation;
- ❖ Step-2: Bathymetry Development;
- ❖ Step-3: Boundary Generation;
- ❖ Step-4: Development of Roughness Parameters;
- ❖ Step-5: Cyclonic Wind Field Generation

Day-2: Model Development & Post Processing of Result

Date: 12th April 2022 (Tuesday)

Time Duration:- (10:00 AM-1:00 AM)

Topic-4:Simulation of Cyclonic Storm Surge Model

- ❖ Step-1: Simulation of Cyclonic Storm Surge Model for Base & Climate Change

Topic-5:Data Processing

- ❖ Step-2: Analysis of Storm Surge Level;
- ❖ Step-3: Statistical Analysis of Storm Surge Level;
- ❖ Step-4: Preparation of Cyclone Hazard map