

# Training on **Environmental Modelling & Environmental and Social Impact Assessment (ESIA)**



## WHAT IS THE COURSE ABOUT

EIA is a useful tool for identifying potential impacts of activities or projects on the environment and human health and plan for appropriate measures to mitigate and monitor these impacts. Conducting EIA these days is part of regulatory requirements for approving new projects or major expansions in most countries including Bangladesh. For those reasons, EIA is a vital part of the planning process, and integrating and implementing its recommendations throughout the entire project phases is a key step towards sustainable development.

## COURSE OBJECTIVE

The objective of the Environmental Impact Assessment (EIA) is to minimize the adverse impacts of developmental projects. The classroom training course has been designed to capacitate environmentalists and prospective environmentalists to develop a better understanding of the EIA process. The course will be conducted through oral and PPT presentations, videos and reading material.

## COURSE HIGHLIGHTS

- Introduction and overview of ESIA
- ESIA & Project Cycle
- Policy and Legal Framework
- Approach and Methodology for EIA Preparation
- Environmental Baseline Assessment
- Analysis of Alternatives
- Public Consultation / Stakeholder Engagement
- Environmental & Social Risks & Impacts Assessment
- Impacts Mitigation Measures
- Development of an Environmental Management Plan (EMP) and Environmental Monitoring Plan (EMoP)
- ESIA Reporting
- Obtaining Environmental Clearance Certificate

- Critical Habitat Assessment (CHA) & Biodiversity Conservation and Management Plan
- Application of Modelling Tools in ESIA
- Cumulative Impact Assessment
- Field Visit
- Case studies and group discussions

## PARTICIPANTS

Industry professionals, environment consultants and environmental engineers, researchers and academics, and students aspiring to work in the field of environment.

## CERTIFICATION

Participants will receive certificates upon successful completion of the course.

## COURSE DURATION

5 days from 09:30 am to 4:00 pm

## DATE & VENUE

**Date: 18-22 May 2025**

### Venue

**IWM Training Room**, House # 06, Road # 3C, Block # H, Sector # 15, Uttara, Dhaka 1230

## COURSE FEE

Tk. 15,000.00 only per participant (Excluding Vat/Tax) (20% discount only for students)

## ABOUT THE ORGANIZER

The Institute of Water Modelling (IWM) provides world-class services in the field of Water Modelling, Computational Hydraulics & Allied Sciences for improved Integrated Water Resources Management. The applications of IWM modelling tools cover a wide range of water-related areas such as water resources planning, flood control, flood forecasting, water supply and sanitation, urban drainage, irrigation and drainage, river morphology, salinity and sediment transport, coastal hydraulics, port, coast and estuary management, environmental impact assessment, bridge hydraulics and related infrastructure.

For more information visit: <https://www.iwmbd.org/>

## Contact Us



Human Resources Development  
**Institute of Water Modelling (IWM)**  
House # 06, Road # 3C, Block # H  
Sector # 15, Uttara, Dhaka 1230  
Bangladesh.  
**E-mail: aak@iwmbd.org**  
Telephone: +88 0255087611-4  
Ext. 104  
Mobile/Whatsapp: +88 01841930040