

EFDC_Explorer7 - Introductory Training Course Agenda

UNIVERSITY TECHNOLOGY MALAYSIA

22-23 October - Johor Bahru, Malaysia

Day 1 – Session 1	Welcome, Introduction, Installation of EE7, Copying Training Course files. Introduction to Modeling Principles
Day 1 – Session 2	Introduction to EFDC_DSI/EFDC_Explorer7 and EFDC Model Theory
Lunch Break	
Day 1 – Session 3	Overview of EFDC Hydrodynamic Modeling System
Day 1 – Session 4	Hands On – Building a Grid
Day 2 – Session 1	Overview of EFDC Hydrodynamic Modeling System (cont.)
Day 2 – Session 2	Hands on - Building a simple model
Lunch Break	
Day 2 – Session 3	Hands on - Building a simple model (Cont.)
Day 2 – Session 4	Overview of Model Calibration and Validation Questions and Answers

Note:

- All trainees should provide their own lap top computers for this training
- All trainees will be provided a TRIAL version of EE7 for the training course
- Internet connection is required for activation of software and should be provided by the University
- Printed lecture and training notes will be supplied to all trainees
- Certificate of Completion of course will be provided to all trainees who complete more than 90% of the training.

EFDC_Explorer – Introductory Training Course Objectives

Objective 1: Introduction to the EFDC_Explorer7 Full Version

- Capabilities of EFDC_DSI & EFDC_Explorer
- Overview of hydrodynamic model
- Overview of EFDC Model Development
- Use EFDC_Explorer for pre- & post – processing

Objective 2: EFDC Introduction

- EFDC model components and processing
- Data requirements and data sources
- Model setup and grid generation
- State variables
- Initial conditions & boundary conditions
- Post-processing display of results
- Model calibration & validation

Objective 3: Hands on Modeling Practice

- Existing projects/create new projects
- Hands on with EFDC_Explorer and EFDC
- Creating simple grids
- Creating a simple 2D lake model

For more information please contact us at: ee_training@ds-intl.biz