

EFDC_Explorer - Introductory Training Course Agenda

Day 1 – Session 1	Welcome, Introduction Introduction to Modeling Principles
Day 1 – Session 2	Introduction to EFDC/EFDC_DSI with Theory Introduction to EFDC Explorer
Lunch Break	
Day 1 – Session 3	Hands On – Building a 1D Grid
Day 1 – Session 4	Hands On – Adding BC’s with Conservative/Decay
Day 2 – Session 1	Overview of EFDC Source Code and Structure
Day 2 – Session 2	Hands on - Building a 2D Lake Model
Lunch Break	
Day 2 – Session 3	Hands on - Building a 2D Lake Model (Cont.)
Day 2 – Session 4	EFDC_Explorer Model Calibration and Validation Tools Bitmap Georeferencing Setup and Use Question and Answer

EFDC_Explorer – Introductory Training Course Objectives

Objective 1: Introduction to the EFDC_Explorer 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/models

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