

## **EFDC\_Explorer6 (FULL) Training Course Agenda**

1. Introduction to EFDC\_DSI/EFDC\_Explorer6 (1/2 day).
2. Introduction to EFDC Model Theory (1/4 day).
3. Overview of EFDC Hydrodynamic Modeling System (1/4 day).
4. Building a 1D River model (1/2 day).
5. 2D Lake – Grid building (1/2 day).
6. 2D Lake – Hydrodynamics (1/2 day).

## **EFDC\_Explorer (FULL) Training Course Objectives**

### Objective 1: Introduction to the EFDC\_Explorer6 Full Version

- Capabilities of EFDC\_DSI & EFDC\_Explorer
- Overview of hydrodynamic model
- Overview of EFDC Model Development
- Overview of hydraulic control structures
- 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 a simple 1D river model
- Creating a 2D lake model

For more information please contact us at: [ee\\_info@ds-intl.biz](mailto:ee_info@ds-intl.biz)