

Advanced Free Surface Flow Modelling



Component
École Nationale
Supérieure
d'Électrotechnique
d'Électronique

In brief

> **Code ELP:** N9EM11B

Presentation

Objectives

Use advanced 1D and 2D free surface flow modeling software, taking into account the following accounts for sediment and pollutant transport

Description

- use of the software for solving the Saint-Venant equations 1D/2D HECRAS, TELEMAC
- use of sediment transport modules HECHMS, SISYPHE
- use of associated pre- and post-processing software (ArcGIS, BlueKenue, Fudaa, Paraview)