Sediment Transport and Morphodynamics

Component
École Nationale Supérieure d'Électrotechnique d'Électronique

In brief

- **plugin.odf-inp:PLUGINS_ODF_COURSE_NBHOURS_TXT:** 17,5
- **Code ELP:** N9EM11C

Presentation

Objectives

Introduction to the physical processes of sediment transport by flows and methods estimating sedimentary fluxes and the resulting changes in the bottom.

Description

I. Geomorphology of coastlines and rivers
II. Local processes and morphodynamic models
III. Sediment properties
IV. Setting in motion
V. Modeling of Carriage Transport
VI. Transport modeling by suspension
VII. Multi-phase modelling approaches

Non-contractual information.
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