

# TSMO : Transport sédimentaire et morphodynamique



Component  
École Nationale  
Supérieure  
d'Électrotechnique  
d'Électronique  
d'Informatique  
d'Hydraulique  
et des  
Télécommunications

In brief

> **Code:** NEHS2D

## Presentation

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### Objectives

Introduction to the physical processes involved in sediment transport by a fluid and the estimation of the mass fluxes and bed evolution resulting from sediment transport.

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### Description

- I. Géomorphology of coasts and rivers
  - II. Local processes and morphodynamics
  - III. Sediment properties
  - IV. Incipient motion
  - V. Modeling bedload transport
  - VI. Modeling suspended load transport
  - VII. Numerical approaches for modeling sediment transport
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### Pre-requisites

Fluid mechanics

## Useful info

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### Place

› Toulouse