UE Hydrogeophysics for Hydrodynamic modeling

ECTS
3 credits

Component
UFR PhITEM (physique, ingénierie, terre, environnement, mécanique)

Semester
Automne

> **Teaching language(s):** French, English

> **Open to exchange students:** Yes

> **Code d'export Apogée:** PAX9HRAF

Presentation

Description

This module aims to expand knowledge of students acquired in the fields of hydrogeophysics and hydrodynamic modeling. Teaching is focalized on a better understanding of geophysical data and their use as input variables for hydrodynamic modeling. Practicing with the numerical modeling software will be focused on the demonstration of the benefits brought by the use of these data as, for example, a decrease of the uncertainties in the modeling. The teaching is based on software packages with a free access that will facilitate to students the use of this approach at the beginning of the professional activities. The follow-up of both courses hydrogeophysics and Transfer in porous media and the use of a laptop for each student will be required.

Prerequisites: Having followed the hydrodynamic modeling and hydrogeophysics courses. The use of a laptop PC for each student will be required..
Language: French or English (but not both)

Course parts

CMTD	Lectures (CM) & Teaching Unit (UE)	21h

Useful info

Campus

> Grenoble - University campus