UE Subsurface modelling

ECTS
3 credits

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

Semester
Automne

- **Teaching language(s):** English
- **Open to exchange students:** Yes
- **Code d'export Apogée:** PAX8GRAB

Presentation

Description

In this module, taught in the form of a short course with essentially practical assignments, students will learn to use subsurface modelling software ("Move"). This way of modelling the subsurface has become the industry standard, fully supplanting 2D geological maps, and it is essential for Master students in Earth Sciences to know how to use these tools. In addition, the software developers make them available to universities at a very low cost. The practical assignments will benefit from the new digital mapping facilities installed at Phitem with support from the OSUG@2020 excellence laboratory. This course is taught in English by an external contributor, who is an active consultant in structural geology with an excellent knowledge of the work field.

Course parts

TP	Practical work (TP)	24h
TERRAIN	Terrain	6h

Period : Semester 8

Évaluation initiale / Session principale - Épreuves

Libellé	Nature de l'enseignement	Type d'évaluation	Nature de l'épreuve	Durée (en minutes)	Nombre d'épreuves	Coefficient de l'épreuve	Remarques
	Teaching Unit (UE)	CC	Oral - presentation	20		40%	
	Teaching Unit (UE)	CT	Ecrit - rapport			60%	

Additional information

Module Manager Matthias Bernet and external speaker

Bibliography

https://www.mve.com/software/move

Useful info

Contacts

Program director

Pieter Van Der Beek

Peter.Van-der-Beek@univ-grenoble-alpes.fr

Place

Grenoble

Campus

Grenoble - Saint-Martin d'Hères