UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

SYLLABUS DEL CORSO

Introduction to geodynamic and landscape evolution numerical modeling

2526-1-124R028

Titolo

Introduction to geodynamic and landscape evolution numerical modeling

Docente(i)

Pietro Sternai

Lingua

English

Breve descrizione

The course will focus on the solution of the momentum, continuity, energy, stream power and diffusion equations based on the finite differences approach. The objective is to learn how to develop simple geodynamic and landscape evolution numerical models that can be applied to a wide range of disciplines within the Earth Sciences. Numerical models will be developed using MATLAB or other programming softwares.

Evaluation: YES

CFU / Ore

2 CFU - 20 Hours (8h lecture - 12h laboratory training)

Periodo di erogazione

I semester

Sustainable Development Goals