UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

COURSE SYLLABUS

Provenance analysis: how to integrate single grain and bulk techniques

2324-1-124R024

Title

Provenance analysis: how to integrate single grain and bulk techniques

Teacher(s)

Sergio Andò ; Alberto Resentini

Language

English

Short description

This course is aimed at the integration of advanced techniques in sedimentary petrography in order to: reconstruct source-to-sink systems; characterize deposits related to extreme events; explore unconventional oil and gas reservoirs; complement single heavy mineral analysis (i.e., geochronological data). Detailed contents include: (i) Sampling techniques; (ii) Laboratory procedures; (iii)Data collection (microscope and Raman); (iv) Data evaluation and interpretation; (v) Data visualization and statistics.

Evaluation: NO

CFU / Hours

2 CFU - 16 Hours (Lecture)

Teaching period

I semester: 1-4-11-18 December 2023 - 9.00-13.00 - 3011 (U4)

Sustainable Development Goals

QUALITY EDUCATION | GENDER EQUALITY | INDUSTRY, INNOVATION AND INFRASTRUCTURE | RESPONSIBLE CONSUMPTION AND PRODUCTION