

GEOPHYSICAL METHODS



Université de Bretagne Occidentale



FORMATION
CONTINUE &
ALTERNANCE



PRESENTATION

Geophysical methods used for prospecting the subsurface: seismic refraction, electrical and magnetic techniques.

Teaching unit is 36h : 12H lectures, 9H tutorial/exercises, et 15H practicum (on the field, followed by data processing and modeling).

OBJECTIVES

Know how to use geophysical prospecting methods to determine the physical properties of the subsurface (electrical resistivity, electromagnetic properties and seismic velocities).

PROGRAM

Introduction to electromagnetic methods for prospecting and to wide angle seismic refraction.

Theoretical lectures, exercises, and field work followed by data processing and writing of a report.

PREREQUISITES

Bachelor level in general physics, mathematics or Earth Sciences.

DATES

Between September and December 2018.

DURATION

36 hours

COURSE FEES

1080€

VALIDATION

Training Certificate

LOCATION

IUEM
Institut Universitaire Européen de la Mer
Rue Dumont d'Urville
29280 Plouzané - France

CONTACT

Université de Bretagne Occidentale
Service Universitaire de Formation
Continue et Alternance

20, avenue Victor Le Gorgeu
CS 93837
29238 Brest cedex 3

Anaëlle LE ROUX

Tel. +33 (0)2 98 01 82 02
Mel : fc-mer@univ-brest.fr
Website : www.univ-brest.fr/fc-mer