

Training - Introduction to petroleum geology: Alès basin fieldtrip



ALES-EN-P



Face-to-face only



4 days

4 days over 5 calendar days

This course allows to acquire a basic knowledge in geology, especially geology applied to petroleum sciences, using field observation and analysis alternating with theoretical knowledge via daily classes

Level

Knowledge

Public

Non-geologists or geologist trainers/juniors who want to acquire basic knowledge in petroleum sciences

Objectives

Attendees will be able to implement the following skills:

- Identify main characteristics of a petroleum system
- Analyze and describe workflow and tools used by geoscientists (geological maps, sections, seismic profiles, logs)

Pedagogical & technical resources

- Daily theoretical courses and field observations
- Description and study of worldwide petroleum systems through field analogues
- Correlation between field observations and geotools (seismic and logs)

Assessment of achievements

Knowledge assessment with multiple choice questions and open explanatory questions

Prerequisites

No pre-requisites are necessary to follow this course

Complementary informations

Subscription fees include accommodation and daily field transportation fees. Participants remain responsible for their own travel to/from fieldtrip location (Gard, France; to be confirmed)

Responsible

IFP Training instructors, with expertise in the field and trained in modern teaching methods adapted to the specific needs of learners from the professional world

Program

BASIN HISTORY

0.5 day

Sedimentology and stratigraphy concepts.
Structural network – Folds – Faults.
Rock identification.

CARBONIFEROUS COAL SYSTEM AND TRIASSIC UNCONFORMITY

1 day

Fluvial deposits.
Sequence stratigraphy – A/S concept.
Continental source rock.
Reservoir analogues.

JURASSIC AND CRETACEOUS CARBONATE PLATFORMS

1 day

Analogy with carbonate platforms of the Middle East.
Marine source rock.
Porous and fractured reservoirs.
Outcrops and quarries.

PETROLEUM SYSTEM OF THE ALES BASIN

1 day

Eocene lacustrine source rock.
Hydrocarbon maturation and migration processes.
Reservoir rock – Types of porosity.
Prospect definition – From prospect to reservoir.

CONCLUSION, PERSPECTIVES AND PREDICTIONS

0.5 day

Miocene deposits.
Onshore/Offshore transition (Gulf of Lion).
Seismic interpretations.
Main tools of the petroleum geoscientist.

Sessions

Alès - From 10/05/2026 to 10/09/2026

3800 €/HT

To French entities : IFP Training is referenced to DataDock ; you may contact your OPCO about potential funding.
Please contact our disabled persons referent to check the accessibility of this training program : referent.handicap@ifptraining.com