

Basic Course :: Petroleum Geology

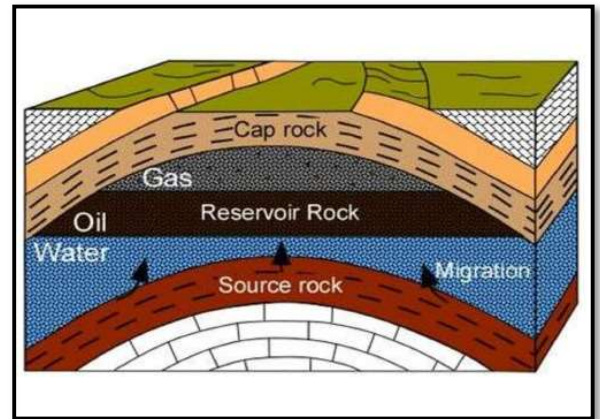
Fundamentals of petroleum system and exploration activities.

Course type: LIVE STREAMING (05 days, 20 hours)

Classes in preparation

Time: 14 - 18h (Brazilian time zone)

Cost: € 750 + VAT



Objectives

Upon completing this course, participants are expected to:

- Understand the petroleum-forming processes and the elements of the petroleum system,
- Have a broad view of the activities involved in petroleum exploration,
- Acquire the minimum knowledge necessary to work in petroleum exploration.

Content

- Origin and formation of petroleum, the petroleum system.
- Surface and subsurface exploration activities.
- Potential and seismic methods, remote sensing.
- Types of traps and seals.
- Conventional and unconventional reservoirs.
- Prospects, exploratory plays, types of exploratory wells.
- Geological analyses: drill cutting samples, cores, biostratigraphic and geochemistry samples.

Who should participate

Geologists, geophysicists and engineers working in the exploration and production of hydrocarbons.

Instructor

- A.J.C. Magalhães, PhD