

Carbonate Reservoir Characterisation

Consultant / Trainer

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The **Petrogenium** (in collaboration with EPTS) **Carbonate Reservoir Characterization** course will guide the participants to understanding carbonate reservoirs - and the differences with clastic ones, which is vital to meaningfully evaluate the critical success factors influencing volumetrics, flow behavior and ultimate recovery in different types of carbonate reservoirs.



Participants

This **Petrogenium** course is suitable for Petroleum engineers, geologists and geophysicists involved with appraisal and development of carbonate oil and gas reservoirs.



Learning Objectives

This course aims at:

- The carbonate-specific parameters and uncertainties that impact the HCIIP and the recovery
- The data required to investigate these parameters
- How to incorporate carbonate heterogeneities appropriately in static models
- How heterogeneity patterns effect flow behaviour
- Development options for different types of carbonate fields

Programme

5 DAY TRAINING

- Introduction to carbonates
- Carbonates vs clastics
- Carbonate factories
- Platform types and controls
- Facies Classification
- Diagenesis & Fracturing
- Rock Typing
- Focus on volumetrics uncertainties
- Seismic reflection issues
- Fluid contacts
- Net-to-gross in carbonates
- Average porosity issues
- Hydrocarbon saturation issues
- Hydrocarbon saturation issues
- reservoir characterization and recovery
- Heterogeneities in carbonates
- Stratigraphic framework
- carbonate sequence stratigraphy
- Non-stratiform heterogeneities (e.g. fractures, karst)
- Rock Typing
- Upscaling issues
- Static modeling concepts
- Recovery techniques in carbonates
- Differences in carbonate reservoirs through geologic time and implications for reservoir potential

Why select Petrogenium.?

The above support will be provided by principal consultants with 30+ years world-class experience in the technology and hands-on know-how from operation of refinery units.

Contact Petrogenium.:

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Because Experience Matters