

Formation - Seismic reservoir characterization



SRC-EN-D



Distanciel



5 jours

This course provides a practical introduction to workflow and methodology of seismic reservoir characterization

Niveau

Fondamentaux

Public

E&P professionals with previous experience in geosciences

Objectifs

Attendees will be able to implement the following skills:

- Assess the main methodology applied during seismic reservoir characterization
- Describe main concepts of seismic inversion
- Analyze and apply main concepts of seismic lithofacies classification

Pédagogie & ressources techniques

Interactive lectures and hands-on exercises

Évaluation des acquis

- Trainees are assessed throughout the training through practical application phases and interactions with the trainer
- A final on-the-spot evaluation may also be carried out at the end of the course and/or at the end of each module using tests designed to verify the learners' understanding and assimilation of the knowledge linked to the training objectives

Prérequis

No prerequisites are necessary to follow this course

Responsable

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

Programme

SEISMIC PRECONDITIONING

0.5 day

SEISMIC FOR RESERVOIR ANALYSIS

1.5 days

Seismic amplitude analysis, Direct Hydrocarbon Indicators (DHI), seismic attribute analysis.

HR - HQ - HD - Broadband seismic, 4D Seismic.

Multi-component seismic, P waves versus S waves.

AVO-AVA processing and analysis.

Seismic inversion.

ATTRIBUTES FOR STRUCTURAL ANALYSIS

1.5 days

Amplitude.
Dip.
Similarity.
3D seismic curvature ;
Fracture density.

ATTRIBUTES FOR GEOMODELING

1.5 days

Seismic facies, supervised, non-supervised.
Porosity.

IFP Training est référencé au DataDock. Rapprochez-vous de votre OPCO pour connaître les possibilités de financement de cette formation.
Pour vérifier l'accessibilité de cette formation à une personne en situation de handicap, contactez notre référent à l'adresse suivante :
referent.handicap@ifptraining.com