

Formation - Hydrocarbons in Unconventional Settings



UNCON-EN-P



Présentiel



3 jours

This course provides a general introduction to various non-conventional hydrocarbons, focused solely on a consistent geological rationale to the different potentially producing objectives, through a “petroleum system” approach

Niveau

Découverte

Public

- Geologists, geophysicists, engineers, managers, E&P professionals in charge of basin exploration and prospect evaluation
- E&P professionals involved in production of unconventional hydrocarbons

Objectifs

Attendees will be able to implement the following skills:

- Understand the geological rationale of unconventional resources as an extension of the petroleum system concept
- Acquire a general knowledge of all unconventional resources
- Understand what is at stake in this recent domain and future potential impacts

Pédagogie & ressources techniques

- Examples from all over the world commented by an expert
- Interactive discussions

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

PETROLEUM SYSTEM CONCEPT (REMINDER)

0.5 day

UNCONVENTIONAL RESOURCES (PART 1)

1 day

Oil shales.

Heavy oils, extra heavy oils, tar sands.

Geological biogenic gases (ex-early diagenesis, ex-oil biodegradation).

Gas hydrates.

“Clean Coal” (coal bed methane, coalmine methane, underground coal gasification).

UNCONVENTIONAL RESOURCES (PART 2)

1 day

Shale plays (shale gas, shale oil).

Tight gas in basin centered gas system.

UNCONVENTIONAL RESOURCES FROM AN EXTENDED PETROLEUM PERSPECTIVE

0.5 day

Burial and thermal history - Source rock maturation.

Kinetic parameter determination, kerogen expulsion and cracking.

Migration of hydrocarbons and pressure regime.

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