



Training Course:
EXPLORATION: Play and Prospect Definition

7 - 11 September 2026
Barcelona (Spain)

Training Course: EXPLORATION: Play and Prospect Definition

Training Course code: SC235147 From: 7 - 11 September 2026 Venue: Barcelona (Spain) - Training Course Fees: 6300 € Euro

Introduction:

The "EXPLORATION: Play and Prospect Definition" training program is dedicated to equipping participants with the knowledge and skills required to define and evaluate exploration plays and prospects in the oil and gas industry. This program will cover key concepts, methodologies, and tools used in exploration geology and prospect assessment.

Objectives:

The primary objectives of this training program are to:

- Provide participants with a solid foundation in exploration geology.
- Develop the ability to identify, define, and evaluate exploration plays and prospects.
- Equip participants with the skills needed to assess the economic viability of prospects.
- Enhance decision-making and risk assessment capabilities in exploration activities.
- Foster collaboration and communication among multidisciplinary exploration teams.

Target Audience:

This program is designed for the following target audience:

- Geologists and geophysicists involved in exploration activities.
- Petroleum engineers and reservoir engineers.
- Exploration managers and project leads.
- Anyone interested in gaining a comprehensive understanding of exploration play and prospect definition.

Outlines:

Day 1:

Introduction to Exploration Geology

- Overview of exploration geology.

- Geological principles and processes.
- Role of geology in exploration.

Day 2:

Play and Prospect Concepts

- Defining exploration plays and prospects.
- Types of plays structural, stratigraphic, combination.
- Play elements and risk factors.

Day 3:

Data and Analysis

- Data collection and interpretation.
- Seismic and well log analysis.
- Geological modeling and mapping.

Day 4:

Prospect Evaluation

- Prospect mapping and volumetrics.
- Risk assessment and uncertainty analysis.
- Economics of exploration prospects.

Day 5:

Prospect Presentation and Decision-Making

- Communicating prospect evaluations.
- Decision-making processes.
- Case studies and practical exercises.

Registration form on the Training Course: EXPLORATION: Play and Prospect Definition

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