

**Reservoir Modelling and Asset Management  
Module 1 & 2  
PEP02**



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# Reservoir Modelling and Asset Management

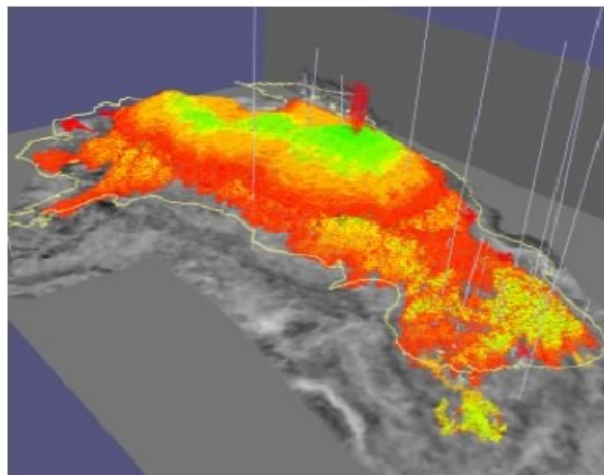
## Module 1 & 2

### (PEP02)

#### Module 1:

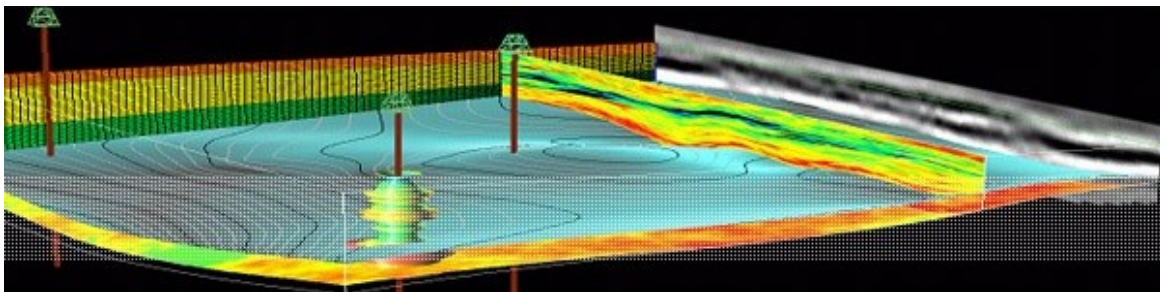
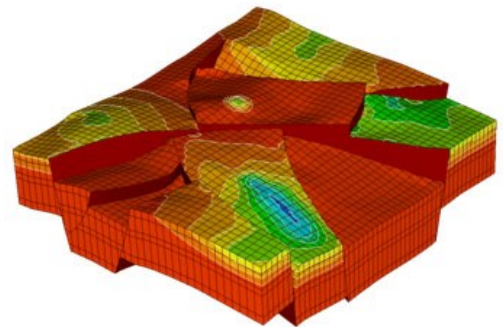
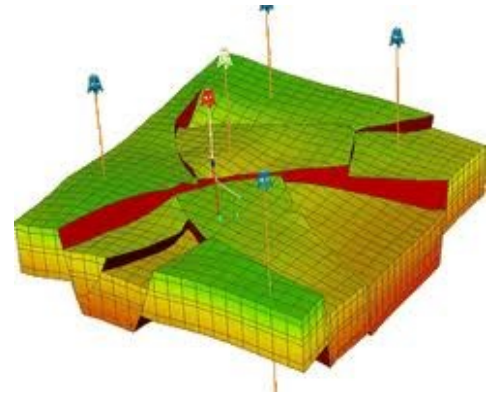
##### Course Contents:

1. Reservoir Types and Classifications
2. Geomodelling Techniques
3. Geomodelling Inputs
  - Geophysical Input
  - Geophysical data derivatives in Geomodelling
4. Use of Geostatistics in Geomodelling
5. Fundamentals of Static Modelling
  - Structural Modelling
  - Stratigraphic Modelling
  - Reservoir Property Modelling
7. Limitations of Geomodelling
8. Upscaling and its Effects
9. Uncertainty analysis
10. Quality Control
11. Geomodelling Application types
12. Effects of Geomodel on Dynamic Model
13. Effects of Geomodel on overall reservoir modelling



## Module 2:

1. Overview of Basic Reservoir Concepts
2. Understanding of Reservoir types
3. Exploration and Production Workflows
  - Formation evaluation
  - Reservoir Geomodelling
  - Reservoir Simulation
4. Limitations of Derivatives
5. Challenges of Data Integration
  - Overlap and Synergy
  - Seismic to Simulation Workflow
6. Mature Field Management Techniques
7. Uncertainties Evaluation
  - Basic uncertainty analysis
  - Predicting
  - Minimizing
8. Petroleum Economics
  - Basic concepts and applications



## Who Should Attend?

- Petroleum Engineers
- Geologists, Geophysicists
- Petrophysicists
- Chemicals Engineers

## Venue:

Please visit our website or contact us for details.

## Tuition:

Module 1: £3,150 +VAT

Module 2: £3,150 +VAT

5 easy ways to  
register or to  
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