



*Training Course:  
Reservoir Modeling and Data Integration*

*27 April - 1 May 2025  
Cairo (Egypt)  
Holiday Inn & Suites Cairo Maadi, an IHG Hotel*

## Training Course: Reservoir Modeling and Data Integration

Training Course code: EN235148 From: 27 April - 1 May 2025 Venue: Cairo (Egypt) - Holiday Inn & Suites Cairo Maadi, an IHG Hotel Training Course Fees: 3900 € Euro

### Introduction:

The "Reservoir Modeling and Data Integration" training program is aimed at professionals in the oil and gas industry who are involved in reservoir management and modeling. This program will equip participants with the knowledge and skills necessary to effectively create and utilize reservoir models while integrating various data sources for accurate reservoir characterization and decision-making.

### Objectives:

The primary objectives of this training program are to:

- Provide participants with a fundamental understanding of reservoir modeling principles and techniques.
- Teach participants how to integrate diverse data sources to enhance reservoir characterization and modeling accuracy.
- Equip participants with the skills required to construct and update reservoir models effectively.
- Enhance participants' ability to use reservoir models for reservoir management, production optimization, and decision-making.
- Promote collaboration among multidisciplinary teams involved in reservoir management.

### Target Audience:

This program is designed for the following target audience:

- Reservoir engineers and geologists.
- Petrophysicists and geophysicists.
- Production and operations engineers.
- Asset managers and decision-makers in reservoir management.
- Anyone interested in advancing their knowledge of reservoir modeling and data integration.

### Outlines:

Day 1:

### Introduction to Reservoir Modeling

- Overview of reservoir modeling in reservoir management.
- Types of reservoir models static and dynamic.
- Data requirements and sources for reservoir modeling.

### Day 2:

#### Data Integration for Reservoir Characterization

- Types of data sources seismic, well data, core data, etc..
- Data quality assessment and preprocessing.
- Data integration techniques and best practices.

### Day 3:

#### Static Reservoir Modeling

- Building geological models.
- Reservoir grid construction and property modeling.
- Upscaling techniques and reservoir discretization.

### Day 4:

#### Dynamic Reservoir Modeling

- Introduction to reservoir simulation.
- Model initialization and history matching.
- Forecasting and production optimization using dynamic models.

### Day 5:

#### Reservoir Management and Decision-Making

- Reservoir monitoring and model updating.
- Economic evaluation and decision analysis.
- Case studies and practical exercises.



## Registration form on the Training Course: Reservoir Modeling and Data Integration

**Training Course code:** EN235148 **From:** 27 April - 1 May 2025 **Venue:** Cairo (Egypt) - Holiday Inn & Suites Cairo Maadi, an IHG Hotel **Training Course Fees:** 3900 € Euro

Complete & Mail or fax to Global Horizon Training Center (GHTC) at the address given below

### Delegate Information

Full Name (Mr / Ms / Dr / Eng): .....  
 Position: .....  
 Telephone / Mobile: .....  
 Personal E-Mail: .....  
 Official E-Mail: .....

### Company Information

Company Name: .....  
 Address: .....  
 City / Country: .....

### Person Responsible for Training and Development

Full Name (Mr / Ms / Dr / Eng): .....  
 Position: .....  
 Telephone / Mobile: .....  
 Personal E-Mail: .....  
 Official E-Mail: .....

### Payment Method

- Please find enclosed a cheque made payable to Global Horizon
- Please invoice me
- Please invoice my company

### Easy Ways To Register

Telephone:  
+201095004484 to  
provisionally reserve your  
place.

Fax your completed  
registration  
form to: +20233379764

E-mail to us :  
info@gh4t.com  
or training@gh4t.com

Complete & return the  
booking form with cheque  
to: Global Horizon  
3 Oudai street, Aldouki,  
Giza, Giza Governorate,  
Egypt.