

**Training Title**

**RESERVOIR MANAGEMENT & MONITORING**

**Training Duration**

**5 days**

**Training Venue and Dates**

DE290	RESERVOIR MANAGEMENT & MONITORING	5	25-29 October 2020	\$2,750	Cairo, Egypt
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**In any of the 5 star hotels. The exact venue will be informed once finalized.**

**Training Fees**

- 2,750 US\$ per participant for Public Training includes Materials/Handouts, tea/coffee breaks, refreshments & Buffet Lunch.

**Training Certificate**

Define Management Consultancy & Training Certificate of course completion will be issued to all attendees.

**TRAINING INTRODUCTION**

The principles of sound reservoir management are presented with emphasis on practical applications.

Actual case histories are used to study both successes and failures. An interdisciplinary synergistic approach to efficient reservoir management is detailed with the goal of optimized profitability. The significance of each component and the importance of timing and cost/benefit analysis are emphasized.

Reservoir management models for optimum field development and field operating plans are analyzed.

The interdisciplinary reservoir management approach shows how each technology or function contributes to the plan and how checks and balances are developed.

**TRAINING OBJECTIVES**

**Upon the successful completion of this course, participants will be able to:-**

- Apply the principles of sound reservoir management.
- Use the interdisciplinary synergistic approach to efficient reservoir management.
- Include each reservoir management component and the importance of timing and cost/benefit analysis.
- Develop checks and balances.

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## **WHO SHOULD ATTEND?**

New recruits engineers who are following Reservoir Engineering Development framework

## **TRAINING METHODOLOGY:**

A highly interactive combination of lectures and discussion sessions will be managed to maximize the amount and quality of information and knowledge transfer. The sessions will start by raising the most relevant questions, and motivate everybody find the right answers. You will also be encouraged to raise your own questions and to share in the development of the right answers using your own analysis and experiences. Tests of multiple-choice type will be made available on daily basis to examine the effectiveness of delivering the course.

Very useful Course Materials will be given.

- 30% Lectures
- 30% Workshops and work presentation
- 20% Group Work& Practical Exercises
- 20% Videos& General Discussions

## **DAILY OUTLINE**

### **DAY 1**

- Definition of reservoir management: an integrated, interdisciplinary team effort
- Goal setting, planning, implementing, monitoring, and evaluating reservoir performance

### **DAY 2**

- Field development and field operating plans to optimize profitability efficient monitoring of reservoir performance
- Minimizing the drilling of unnecessary wells
- Wellbore and surface systems

### **DAY 3**

- Well testing and automated production systems
- Economic impact of operating plans
- Identifying and acquiring critical data, data acquisition, and analysis

### **DAY 4**

- Maximizing economic recovery and minimizing capital investment, risk and operating expenses
- Timing of field implementation of reservoir management plan
- Case histories and analysis

### **DAY 5**

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- Importance of reservoir characterization and drilling and operating plans
- Primary recovery, pressure maintenance, and secondary and tertiary recovery

NOTE:

**Pre & Post Tests will be conducted**

**Case Studies, Group Exercises, Group Discussions, Last Day Review & Assessments will be carried out.**



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