

Exciting Training Opportunity for Geoscientists

Petroleum Geology of Deepwater (Turbidite) Depositional Systems

Uzma Group in conjunction with its Technology Partner, SCA, (a world leader in Upstream Exploration and Production courses) are proud to bring this training opportunity to oil and gas companies in the S.E Asia region. Since its founding in 1988, SCA has provided leading edge technical training services around the world to over 19,000 petroleum industry professionals.

Course Description:

Deepwater (turbidite) reservoirs constitute the last great frontier in oil and gas exploration. Learn about turbidite from some of the top industry experts. New technologies and a rapidly evolving understanding of these systems are largely responsible for the many recent exploration and development successes. This five-day course examines all aspects of deepwater depositional systems from exploration through discovery, appraisal and development phases.

The course covers analysis and interpretation of seismic, sea floor images, well logs (including borehole image logs); core and outcrop characteristics of the component elements of deepwater reservoirs and emphasizes internal architecture as related to reservoir performance. Also covered are geologic controls on reservoir quality, new concepts in understanding transport and depositional processes, geologic modeling and deepwater petroleum systems. In-class exercises are completed to demonstrate principles and techniques.

Learning Outcomes:

1. Understand the variety of architectural elements that comprise deepwater depositional systems, and the regional to local geologic settings in which they occur
2. Achieve a general level of knowledge in recognizing the criteria (rock, log, seismic) which differentiate the architectural elements
3. Gain experience in well log, rock and seismic interpretation of deepwater depositional systems
4. Understand the controls on reservoir performance of the different architectural elements and internal heterogeneities
5. Apply knowledge of deepwater systems to exploration and reservoir development planning

Who Should Attend:

Geologists, geophysicists, petroleum engineers, supervisors, managers and technical support staff who are interested in learning the fundamentals of deepwater (turbidite) depositional systems for application to development and exploration.

Course Content:

- Global overview of deepwater depositional systems and their hydrocarbon potential
- Introduction to major turbidite elements and reservoir styles
- Sheet sandstones
- Channel-fill sandstones
- Levied channel-splay sandstones
- Mass transport complexes
- Deepwater transport and depositional processes
- Geologic controls on reservoir quality
- Flow units and upscaling
- Seismic, sequence and biostratigraphy of deepwater deposits
- Borehole image logs and their application
- Geological modeling: principles and applications
- Deepwater petroleum systems

For further details contact training@uzmagroup.com or register on line at: http://scacompanies.com/training_services/CourseDetail.aspx?courseid=43