

## Exciting Training Opportunity for Geoscientists

# Structural Styles in Petroleum Exploration and Production

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:

**Structural geology is often the fundamental key to successful interpretation and prospecting.** This course provides a strong fundamental background in structural geology of the various tectonic settings. It covers common structural styles in sedimentary basins worldwide and the geometry and evolution of trap-forming structures associated with compressional, extensional, salt, strike-slip and reactivated structures.

Techniques for constructing balanced cross sections, maps and 3-D interpretations through these structures are discussed in detail. Examples of trap-forming structures from a number of basins worldwide are used to illustrate the concepts. Problem sets provide hands-on experience in interpreting and validating subsurface structures using surface, seismic and well log data.

### Who Should Attend:

Exploration and production geologists, geophysicists and engineers who need to develop knowledge in a broad range of global structural styles; understand the structural geometry of trap-forming structures and to apply structural techniques to make improved seismic interpretations, balanced cross sections and structural maps in complex areas.

### Course Content:

- Introduction to comparative structural styles
- Methods of cross section and map construction
- Fold-thrust structures Foreland basement structures
- Rift structures
- Listric growth faults
- Seismic data
- Salt structures
- Inversion and reactivated structures
- Strike-slip structures
- Validation of 2D and 3D interpretations and common pitfalls
- Isopach map construction

For further details contact [training@uzmagroup.com](mailto:training@uzmagroup.com) or register on line at:  
[http://scacompanies.com/training\\_services/CourseDetail.aspx?courseid=64](http://scacompanies.com/training_services/CourseDetail.aspx?courseid=64)