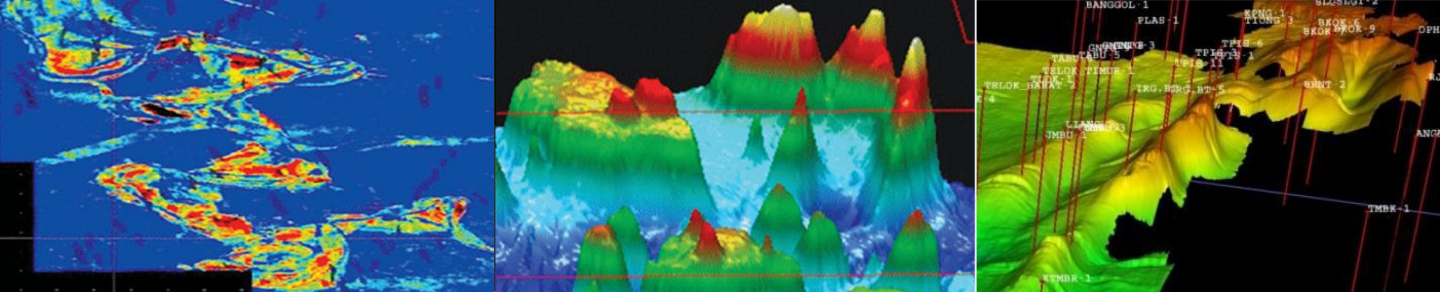


**2-Day Short Course On****SEISMIC ATTRIBUTES FOR
HYDROCARBON PREDICTION****INTRODUCTION**

The advent of amplitude varying with offset (AVO) and inversion technologies and pioneering geophysical work brought about increased usage of seismic attributes, solving various problems of geologic interpretation. Seismic data acquisition and processing have resulted in significant improvement in data quality and hence success of attribute application.

The course deals with the seismic attributes analysis and the challenge. Exploration efforts and focused plays include (1) inversion structural plays, (2) stratigraphic channels, (3) fracture basement, (4) deep high pressure (HP) and high-temperature (HT) plays, (5) steep-dip overthrust plays, (6) deepwater turbidite plays, (7) carbonate plays, and (8) thin beds pay.

OBJECTIVES

Upon completion of this course, participants will be able to:

- Understand theoretical and practical aspects of seismic attributes.
- Describe the seismic attributes classification and how to interpret the seismic attributes.
- Analyze the seismic attributes for different issues and challenges in hydrocarbon prediction.

COURSE CONTENT

1. Meaning & Significance of Seismic Attributes
2. Classification of Seismic Attributes
3. Domain of Applications
4. Algorithm

DATE: 15-16th August 2018**TIME: 9.00am - 5.00pm****VENUE: Level 16, Menara 2, Menara Kembar Bank Rakyat, Jalan Travers, 50470 Kuala Lumpur**

COURSE TRAINERS



Prof Dr. Deva Prasad Ghosh, obtained a BSc. In Geology and Physics, an MSc. in Geophysics both from Banaras Hindu University India and a Ph.D. (1970) from Delft University, the Netherlands. He worked at Banaras Hindu University as an Associate Professor in Geophysics for about 8 years. He worked in Shell from 1974-1999 holding various technological and management positions.

Prof Deva joined PETRONAS in 2000 and was responsible for research, development, and application of geophysical technology worldwide. In 2011, he joined Universiti Teknologi PETRONAS (UTP) as a Professor in Geophysics and is currently responsible as the Head of Center of Excellence in Subsurface Seismic Imaging & Hydrocarbon Prediction (CSI).

He is passionate about geophysics, developing local staff, and transfer of technology. His field of interest is in Seismic Imaging, Seismic Attributes and Hydrocarbon prediction. He is a member of AAPG, SPE, EAGE and SEG, and a former editor of EAGE. He was SEG-Shell Distinguished Lecturer for SE Asia in 2010 and EAGE Lecturer 2012.



Ms. Siti Nur Fathiyah Jamaludin, holds an MSc in Petroleum Geoscience from Universiti Teknologi PETRONAS in 2014 and a BSc in Applied Geology from Curtin University of Technology, Perth, Australia in 2009. She had three years experience working as Processing Geophysicist at CGG, Malaysia from 2009-2012 before she left for her MSc.

During her MSc study, she had done an excellent research related to impact of tectonic and structural on the growth of carbonate platforms in Central Luconia, using structural balancing and reconstruction technique. She had integrated the knowledge of geology in geophysical data and geophysical techniques to come out with new interpretation idea for the growth of carbonate platforms in Central Luconia in relation to the regional structure in this region.

After her MSc, she had been working as a lecturer at the Geosciences Department in UTP. She is actively involved in designing and teaching Seismic Attributes & 3D Visualization subject for third year students in B.Tech of Technology (Petroleum Geoscience). Through continuous teaching and her passion towards seismic technology, Fathiyah was nominated for Effective Education Delivery Award for UTP Quality Day for Year 2015 and Year 2016.

HOW TO APPLY

Email to cape@utp.edu.my for registration by 1st August 2018. Seats are limited. A seat will be confirmed once the payment / LOU is received. Confirmed participants will be informed via email.

WHO SHOULD ATTEND?

- Suitable for Exploration and Reservoir Geoscientists and Petroleum Engineers
- All staff, academics and students engaged in the oil & gas industry and education
- Young Geosciences and Petroleum Engineering graduates looking to strengthen their knowledge
- Entry level Geosciences and Petroleum Engineering recruits in the oil and gas industry.
- Executive / Management level looking or acquiring knowledge in the areas of seismic wave propagation and imaging

COURSE FEES

RM 1940 (Professionals)
10% Discount (UTP Alumni, PETRONAS & Group Registration)
20% Discount (Student)

Course fee is inclusive of 0% GST. Group registration is applicable for 3 pax and above from the same company.

The fees include refreshments and the course materials.

A certificate of attendance will be issued upon successful completion of the course.

CONTACT DETAILS

Course Coordinator:
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