Sequence Stratigraphy: An Applied Workshop for Oil and Gas Exploration
+ 2 Day Field trip

Dr. Ir. H. Djuhaeni (ITB)

March 9th – 13th, 2015
Bandung
**Sequence Stratigraphy:**

An Applied Workshop for Oil and Gas Exploration

+ 2 Day Field trip

**Investment Fee:** IDR 24.000.000,- / participant

The course fee includes meals (2x coffee break and lunch), training kits, training materials, group photograph, certificate. In order to allow sufficient time for arranging travel and processing document, participants are recommended to make an early enrollment.

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**About The Course**

Stratigraphy Sequence is one of the stratigraphic method which used in oil and gas industry, both as a basic concept for exploration and development. At the stage of development, understanding the distribution and connectivity of reservoir in parasequence correlation framework is a challenge and an opportunity for geologists to find a new reserve and increase oil and gas production.

This course, will be discussed about stratigraphic terminology, the concept of sea-level fluctuations as a basic concept of sequence stratigraphy, Development of Sequence model from pas until now, and the method of identification sequence boundary line, parasequence, and system tracks which is accompanied with some cases in region of western Indonesia.

Objective of this course is to improve the understanding about the concept, the relationship between sea-level fluctuations and the genesis of rocks, patterns of accumulation of layers of rock in the basin, and the goal is to improve the skills of stratigraphic analysis primarily stratigraphic models in the exploration stage and the development of oil and gas fields. This course will provide enhanced capabilities to the interpretation of reservoir distribution in terms of the correlation sequence / parasequence.

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**At the end of the integrated course participants will be able to:**

- Identify stratigraphic sequences
- Interpret seismic reflection geometries
- Relate sequence stratigraphy to basin architecture, relative sea levels and histor
- Build predictive stratigraphic model

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**You Will Learn**

- **Introduction.** The relationship between sea-level fluctuations and Clastic Sedimentation rocks / carbonate, and terminology in Sequence stratigraphy.


- **Parasequence Concept.** As with any concept of sequence, the concept Parasequence also evolved with the presence of concepts: Shallowing Upward, PAC’s, genesis unit, Parasequence of Van Wagoner et al (1991), Parasequence of Allen and Pasamentier (1994), forwarded to the Correlation of Parasequence or Hires.
Exercise. To understand the concept, it is required exercises and interactive discussion. Exercises in this course including analysis of:

1. Seismic stratigraphy
2. Parasequence / sequence based on Well-Log
3. Parasequence / sequence based on the ‘core’ as an example of one method of analysis sequence stratigraphy

Who Should Attend

Geologists, geophysicists, biostratigraphers and engineers (with some knowledge of geology) needing a fundamental understanding of the principles and applications of sequence stratigraphy.

About Instructor

Dr. Ir. H. Djuhaeni is a lecturer at the Department Geology, Institut Teknologi Bandung (ITB). He received Doctor degree in Sedimentology and Stratigraphy at Lyon-1 University, France. He is the author of Sandi Stratigrafi Indonesia (SSI). In ITB he taught Sedimentology and Stratigraphy, Clastic Sedimentation, Sequence Stratigraphy and Stratigraphic Analysis. He maintains his sedimentology and stratigraphy by actively publishing his research in national and International Journals. He is an active member in various organization which contribute in sedimentology such as Society for Sedimentary Geology (SEPM), International Association of Sedimentologist (IAS) and Indonesian Sedimentologist Forum (FOSI).

Cancellation, Substitution & Non Attendance Policy

Tuition fees are transferable but not refundable. Notification is required to substitute another participant, no later 5 working days prior to the program, should the nominated person be unable to attend. Late cancellation sometimes causes event to be abandoned. Non attendance participant will be full charged as all preparations will have been done.

Information & Registration

Biro Kursus IAGI
Phone  : 022 2517886 (Bandung Office)
Mobile Phone  : 08156200197 (Hari Utomo)
Email  : birokursus.iagi2@gmail.com
Website  : www.iagi.or.id/kursus/

Organized by:
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