

Carbonate Sedimentology And Diagenesis: Their Impact On Reservoir Quality and Distribution

Dr. N. Alit Ascaria, Ph.D.
(Repsol)



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● Yogyakarta



IAGI
LEARNING CENTRE



About The Course

This five-day course introduces the geology of East Java area and its petroleum system, especially its reservoir features which are affected by the diagenesis of its composer. Including in this features are the reservoir's sedimentology, seismology, stratigraphy, and geometry.

This course also highlights the carbonate system which compose the hydrocarbon reservoir in Yogyakarta area. The course emphasizes the development of original depositional, stratigraphic or diagenetic models by highlighting process-response relationships on a facies scale and basin dynamics on the scale of carbonate platforms.

Course Outline



Day 1

Introduction to the geology of southern Mountain and carbonate sedimentology and reservoir, including Carbonate Platform's Components, Carbonate Particles and Facies, Carbonate Growth, Carbonate Diagenesis, and Carbonate Pore Classification.

Day 2

Classification of Carbonate Rocks According to Depositional Texture, Environmental Controls, Depositional Environments, Facies and Depositional Systems of Carbonates.

Day 3

The effect of diagenesis and preservation of carbonate rock and clastic sediment.

Day 4

Hydrocarbon exploration model and development strategy carbonate reservoirs geophysical applications and case histories.

Day 5

Observe the diagenesis process, karst product and dolomitization at the outcrops.



Who Should Attend

Geologist, geophysicists, petrophysicist, drilling engineer, explorationist and other personnel who work in oil and gas industry and interesting in carbonate reservoir for exploration and development.



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About The Instructor



Dr. N. Alit Ascaria, PhD.

Was born on May 26, 1966. He received his Doctor of Philosophy (PhD) degree with subject of Carbonate Reservoir and Regional Geology from University of London, United Kingdom. He has been working for oil & gas industry for 19 years. His working experiences start from year 1998-2005 in North Sumatra area, West Java, South Sumatra, East Kalimantan, East Java, East Sulawesi and Papua with job function of seismic interpretation, and 2005 – 2006 in North Lombok area regional mapping and lead assessment.

He is a lecturer and a course instructor for professionals in carbonate reservoir for exploration and development at Institute of Technology Bandung, University of Indonesia and University of Padjadjaran. Active in writing papers and publications. There have been 11 publications covering various subjects of geology and petroleum exploration.

Two of his papers named by “Carbonate play concept in Sopa and surrounding areas : an alternative model for hydrocarbon occurrence, Musi Platform, South Sumatera Basin” and “Integrated study of acoustic impedance modeling and seismic facies to understand reservoir distribution: Kamundan Blok, Irian” has been chosen as a best paper in 1999 and 2001. In 1991-1997 he got a scholarship from British Petroleum for Ph. D. program and in a year 2000 he received a Geoscientist Award from Pertamina.

Investment Fee



IDR 16.500.000 ,- / participant

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



Cancellation, Substitution & Non Attendance Policy

Tuition fees are trasferable 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

IAGI Learning Centre / Biro Kursus IAGI

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