

In House Course and Field Trip 2019

No.	Topics	Activity	Execution Locations	Total Days	Description
COURSE					
1	Material Balance and Application for Petroleum Reserves Estimation	Course	TBA	5 Days	Identify the Material balance analysis method to determine original fluids-in-place (OFIP) based on production and static pressure data.
2	Remaining Petroleum Potential in Mature Basins and Frontier Areas of Indonesia	Course	TBA	3 Days	To make people familiar with the new and overlooked plays in Indonesia where they could be a lot of upside and the technology required to unlock such as : Full Tensor Gravity, Seismic processing/method, geochem sampling and re-entering old wells to test etc.
3	3D Structural Analysis using Sandbox Modeling Method for Oil and Gas Exploration	Course	TBA	5 Days	Understanding 3D structural analysis using sandbox modelling method and its implication for oil and gas exploration.
JAVA FIELD TRIP					
4	Paleogene Sediments of Bayah Area: Sedimentology and Structure, West Java.	Course and Field Trip	Bayah Area, South Java	4 Days	Visiting and identifying Paleogene Sediments of Bayah Area and their sedimentology and structure.
5	Modern Carbonates of Kepulauan Seribu and Clastic-Carbonate Sedimentology in Cipamingkis, Cibeeet and Padalarang Area, West Java.	Course and Field Trip	Kepulauan Seribu, Cipamingkis, & Padalarang	5 Days	Visiting and identifying characteristics and diagenesis of Modern Carbonates of Kepulauan Seribu and Clastic-Carbonate Sedimentology in Cipamingkis, Cibeeet and Padalarang Area
6	Miocene Carbonate of South Yogyakarta	Course and Field Trip	Yogyakarta, Central Java	4 Days	Visiting and identifying Miocene carbonates outcrop of Yogyakarta and their characteristics.
7	Field visit of South Yogyakarta Carbonate and Pre-Tertiary Basement of Java	Course and Field Trip	Yogyakarta, Central Java	4 Days	Visiting the outcrop and identify the structural geology and their impact of petroleum system in South Yogyakarta
8	Petroleum System of East Java Basin: Ngrayong Fm. as Main Reservoir System	Course and Field Trip	East Java	5 Days	Visiting and indentify the outcrop in East Java Basin and their implication for oil and gas petroleum system

9	East Java Basin Miocene-Pliocene Field Trip	Course and Field Trip	East Java	5 Days	Visiting and identifying the Miocene-Eocene outcrops and its implication for oil and gas system in East Java Basin
10	Regional Geology of East Java Basin and Bawean Area and Petroleum System	Course and Field Trip	East Java-Bawean	5 Days	Visiting Regional Geology of East Java Basin, Petroleum System and Tectonic.
SUMATERA FIELD TRIP					
11	Petroleum System of North Sumatera Basin	Course and Field Trip	Medan-Toba Lake, North Sumatera	5 Days	Visiting the formation of North Sumatera Basin and identify the structural and petroleum system
12	West Sumatra as an Analogue to Strike Slip Fault Deformation in Western Indonesia	Course and Field Trip	West Sumatra	4 Days	Visiting and identifying the outcrop in West Sumatra as an analogue to strike slip deformation and its implication for oil and gas system in western Indonesia.
13	Rift Basin and Petroleum System of Ombilin Basin	Course and Field Trip	West Sumatra	5 Days	Visiting and identifying the outcrop and its implication for oil and gas system in Ombilin Basin
14	Regional Geology of Ombilin Basin and Fractured Basement Field Work	Field Work and Field Trip	West Sumatra	5 Days	Study about Regional Geology of Ombilin Basin and Fractured Basement Case Study
15	Regional Geology and Petroleum System of Central Sumatra Basin	Course and Field Trip	Riau-West Sumatra	5 Days	Study regional geology of Central Sumatra Basin and their Petroleum System
16	Petroleum System of Bengkulu-South Sumatra Basin	Course and Field Trip	Bengkulu & South Sumatra	6 Days	Visiting and identifying the outcrop and its implication for oil and gas system in Bengkulu-South Sumatra Basin
17	Fractured Basement Exploration Case Study in Bangka-Belitung	Course and Field Trip	Bangka-Belitung	5 Days	Visiting and indentify the outcrop of fractured basement in Bangka-Belitung and their implication for oil and gas petroleum system
KALIMANTAN FIELD TRIP					

18	Mahakam Delta System: Modern and Ancient, Integration of Outcrops, Modern Depositional Processes, and Subsurface Data	Course and Field Trip	Samarinda, East Kalimantan	5 Days	Observe modern processes and relate them to the sediment dispersal processes, facies distribution, sand shale ratio and reservoir distribution prediction in subsurface; Observe and learn the lateral variation of facies, inter-relationships between reservoir, reservoir quality from various sand facies and the complexity of the reservoir that we may encounter in subsurface and how they impact the field development; Understanding data type and scale, and how they impact the petroleum business
19	Regional Kutei Basin and Mahakam Delta Field Trip	Course and Field Trip	Samarinda, East Kalimantan	5 Days	Visiting and identifying the outcrop and its implication for petroleum system especially in Kutei Basin and Mahakam Delta
20	Regional Geology and Petroleum System of Tarakan Basin	Course and Field Trip	North Kalimantan	5 Days	Field Visit Out Crop Tarakan Basin and Their Petroleum System
21	Regional Geology and Petroleum System of Barito Basin and Kutei Basin, Transect Meratus	Course and Field Trip	Banjarmasin-Balikpapan, Kalimantan	5 Days	Field Visit Out Crop Barito Basin, Kutei Basin and Their Petroleum System
22	Monitoring and Evaluation of Source Rock and Reservoir Rocks as Oil and Gas Traps for Non-Geologists	Course and Field Trip	TBA	4 Days	Training for the specialists who are able to manage (i.e. use, organize, integrate and preserve) the entire amount of acquired data in the field of natural resource exploration and exploitation, in particular of oil and gas.
SULAWESI FIELD TRIP					
24	Structural Geology and Petroleum System of South Sulawesi	Course and Field Trip	Makasar	5 Days	Visiting the South Sulawesi's outcrop and indentify the geological structure and petroleum system
25	Regional Geology and Basement Hydrocarbon Potential	Course and Field Trip	Makassar-Bantimala	5 Days	Visiting the South Sulawesi's outcrop, Basement hydrocarbon and indentify the geological structure and petroleum system
26	Cretaceous Convergence of Southeast Sundaland: A New Synthesis and Its Implication on Petroleum System	Course and Field Trip	Makassar-Watampone	5 Days	Visiting South Sulawesi Geological Outcrop, and Petroleum System

EAST NUSA TENGGARA AND TIMOR

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27	Mesozoic and Paleozoic Rock of East Nusa Tenggara	Course and Field Trip	West Timor Island	5 Days	Visiting the mesozoikum outcrop of East Indonesia, Identify the geological structure and Petroleum System