



FOSI-IAIGI-AAPG-ISPG-SEPM-UNIVERSITAS PERTAMINA

FOSI SYMPOSIUM 2025

"The Paleogene of Southeast Asia: Unlocking the Potential"

23rd - 24th April 2025 - Pertamina University, South Jakarta, Indonesia

Keynote Speakers:



Pioneers,
Pictures and
Problems of
the Paleogene
of Indonesia

Han Van Gersel



Western
Indonesia
Paleogene
Development

Prof. RP Koesoemadinata



Paleogene
Development
of Sarawak

Peter Lunt



Paleogene
Play of
West Java

Steve Noon

Session Chair:

• Aswan • Minarwan • Purnama • Elly Guritno • Pramudya



Dumex P



Reto S



Dicky H



Herman D



M Syaiful

Invited Oral and Poster presenters:

• Awang Satyana



Regional Tectonics and
Stratigraphy of the
Paleogene Period in
Indonesia: Implications
for Petroleum Plays

• Bob Yuris Candra



Paleogene
Marker Pollen
and Spore from Western
Indonesia

• Diana Rahmawati



Addressing Tectonic
Constraints: The Role
of Neogene in
Paleogene Larger
Benthic Foraminifera
Studies

• Elrey Fernando Butarbutar



Delineating Stratigraphic
Trap Development in
Paleogene Depress: Case
Study for a Sand-
hosted Reservoir in
Palmahalli Oil Field,
South Sumatra Basin

• Ridho Cahya Fajar Sugiharto



Paleogene
Tectono-
stratigraphy of
the Andaman Sea

• Harsanti Setiani



Paleogene
Reconstruction in
Western Indonesia
from Foraminifera
Biostratigraphic
Analysis

• Herman Darman



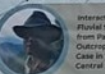
The Geology of Batu
Arang Coal Mine
Vicinity: Paleogene
Basement in Malay
Peninsula

• Imam Prayitno



Stratigraphic
Markers for
Paleogene Reservoir
Identification and Onsite
Biostratigraphy
Application for Subsurface
Gridding Data Modeling in
the Target Zone

• Iqbal Fardiansyah



Interaction of Fan and
Fluvial Systems: Insights
from Paleogene
Outcrops to Subsurface
Case in West and
Central Sumatra

• Iwan Hainim



Paleogene
Carbonate
Depositional
Setting in the
West Java Region

• Moektiando Soeryowibowo



Exploring
Paleogene Potential
in some Western
Indonesian Basins

• Panuju



Ecane-Oligocene
Mammalian
Evolutionary Events
in the MT Java Basin and
Their Implication in
Sequence Stratigraphic
Interpretation

• Pongga Wardaya



Chemostratigraphy
and Seismic Facies
Modeling for
Unconventional
Reservoir
Characterization

• Purnama Suanah



Paleogene Sedimentology
Characterization, Stratigraphy
Succession, Update
Regional Paleogeography
and Exploration
Implications of The Upper
Kutai Area

• Rendy



High Resolution
Calciclastic
Biostratigraphy for
Paleogene-
Neogene Sequence

• Sa'id Hajri



VP AAPG Regions
Opening Speech

• Reno Faisal



Surgical Mapping
Approach in Exploring
Deeper Paleogene's
Sandstone in The North
Aman Graben, Central
Sumatra Basin

• Wikan Winderasta



Unconventional
Play, Paleogene
Shale and Tight
Sand Oil/Gas

Further Information:

+62 852-1715-5990 (Budi R Permana), +62 821-3434-2166 (Aldo F Putra)

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The Paleogene of Southeast Asia Symposium

May 2025 | Herman Darman

Southeast Asia boasts numerous sedimentary basins with a long and rich exploration history, some that span more than a century. While these mature basins continue to yield hydrocarbons, their production rates are undeniably in decline. Consequently, geoscientists increasingly focus their efforts on frontier areas, often characterized by their remote locations and greater water depths, in the quest for new potential.

However, an alternative perspective suggests that the remaining hydrocarbon potential within these established basins might not be fully exhausted. There's a belief that past exploration could have been overly focused on shallower Neogene intervals, potentially overlooking significant resources at greater depths. The deeper Paleogene section, for instance, might hold substantial untapped potential, obscured by challenges such as poorer seismic imaging, limited well data and a less comprehensive understanding of its geological complexities. Therefore, a renewed focus on these deeper horizons within mature basins could unlock significant new hydrocarbon resources.

Recognizing the necessity to explore deeper hydrocarbon potential, geoscientists convened for a focused discussion. This initiative culminated in a two-day seminar titled "The Paleogene of Southeast Asia: Unlocking the Potential," held on April 23-24 at the University of Pertamina in Jakarta, Indonesia.



Participants group photo in Pertamina University, Jakarta, Indonesia during the Symposium.

AAPG, as part of the Organizing Committee, was represented by AAPG Vice President of Regions Sa'id Al- Hajri, who delivered the opening address. Led by Budi Permana, the Committee assembled a comprehensive program featuring presentations on the biostratigraphy of various basins' Paleogene sections, establishing a foundational stratigraphic understanding. These included insights into Paleogene palynology, nannofossils and both micro- and macroforaminifera. Notably, J. T. van Gorsel presented a historical overview of Paleogene studies within the region.

Several presentations delved into regional geology, with a specific focus on enhancing the understanding of the Paleogene section. Peter Lunt, for example, talked about the Sarawak region and also explored its geological connections to other areas. He highlighted that the region requires further investigation and underscored the importance of revisiting existing biostratigraphic reports.

Epo Kusumah, the general secretary of the Indonesian Sedimentologists Forum (FOSI), announced a registration of 129 participants for the Symposium, which also marked FOSI's 30th anniversary. As a faculty member, he successfully secured sponsorship for the venue from the University of Pertamina. The AAPG Student Chapter members of the university played a crucial role in ensuring the Symposium's success.

At the symposium's conclusion, participants were invited to provide feedback by placing stickers on a whiteboard. The overwhelming response indicated that attendees benefited significantly from the presentations and were encouraged to reexamine existing data with a renewed focus on the Paleogene interval. A clear consensus emerged among the audience: further investigation into deeper stratigraphic sections holds considerable potential for new discoveries. The organizers and participants alike expressed hope that this Symposium would serve as a catalyst for continued and more in-depth discussions among geoscientists regarding the Paleogene potential of Southeast Asia.



AAPG Indonesia Lead Dwandari Ralanarko, AAPG Universitas Pertamina SC President Abiyyu Revanzha, Al-Hajri and the author during the Q&A session with students.



Al-Hajri and the author held a Q&A session with students.

