

39th National Geoscience Conference (NGC 2026)

PROGRAM

01 October 2026 (Day 1)

8:00 - 9:00 am	Registration
9:00 - 9:30 am (Grand Ballroom)	KEYNOTE 1: Time, Tracers and Trust: Geochronology for Lower-Risk Exploration and Secure Mineral Supply Chains By Prof. Chris Kirkland, Director, Curtin Frontier Institute for Geoscience Solutions and inaugural leader of the Timescales of Mineral Systems Group at Curtin University, Australia.
9:30 - 10:15 am	PARALLEL SESSION 1
10:15 - 10:45 am (Grand Ballroom)	POSTER PRESENTATION/ TEA BREAK
10:45 am - 12:15 pm (Grand Ballroom)	Opening Ceremony
12:30 - 2:00 pm	LUNCH BREAK
2:00 - 2:30 pm (Grand Ballroom)	KEYNOTE 2: Updating geology; searching for new plays in Sarawak By Mohammad Nazrul Nasri Liaw, Senior Geologist, Petroleum Sarawak Bhd. (PETROS)
2:30 - 3:15 pm	PARALLEL SESSION 2
3:15 - 3:45 pm (Grand Ballroom)	POSTER PRESENTATION/ TEA BREAK
3:45 - 6:00 pm	PARALLEL SESSION 3
6:00 - 7:30 pm	STUDENT INDUSTRY ENGAGEMENT WORKSHOP (Coordinated by Dr. Elanni Md. Affandi, UM and Dr. Suraya Hilmi Hazim, UKM)
7:30 - 10:00 pm (Junior Ballroom)	Dinner (Pullman Miri Hotel, Sponsored by Miri City Council, Sarawak)

02 October 2026 (Day 2)

9:00 - 9:30 am (Grand Ballroom)	KEYNOTE 3: Advances in integrating data and geodynamic models of geological systems By Prof. Chris Clark, Curtin University, Australia
9:30 - 10:15 am	PARALLEL SESSION 4
10:15 - 10:45 am (Grand Ballroom)	POSTER PRESENTATION/ TEA BREAK
10:30 - 12:30 pm	PARALLEL SESSION 5
12:30 - 2:00 pm	LUNCH BREAK

2:00 - 2:30 pm (Grand Ballroom)	KEYNOTE 4: From Ancient Oceans to Future Energy: The Geological Evolution of Sarawak as Asia's Integrated Energy Hub By P. Geol Dr. Zuhar Zahir Tuan Harith, Vice President (Asia) of Business Excellence, Beicip-Franlab Asia Sdn. Bhd., Malaysia
2:30 - 4:30 pm	PARALLEL SESSION 6
3:15 - 3:45 pm (Grand Ballroom)	POSTER PRESENTATION/ TEA BREAK
04:30 – 6:00 pm (Grand Ballroom)	CLOSING CEREMONY

03 October 2026 (Day 3)

Post Conference Field trip at NIAH CAVE

Time	Activity
7:15-7:30 am	Registered conference participants enter the bus – check names against the list.
7:30 am	Bus to depart from Pullman Miri
9:30 am	Bus to arrive at Batu Niah – breakfast break
10:00 am	Bus to leave Batu Niah and progress on to Niah Park HQ
10:15 am	Group registration at park and toilet break
10:30 – 11:00 am	Participants to make boat crossing at Sungai Niah (in small groups)
11:00 – 12:00 noon	Participants walk towards caves. Stop 1 Karst tower cliffs Stop 2 Pinnacled rock in lowland forest
12:00 noon – 1:00 pm	All participants reach Traders' Cave. Stop 3 Cave ceiling features Stop 4 Traders' Cave archeological site Stop 5 Boulder field and wall notches
1:30 pm	All participants reach West Mouth (Great Cave). Stop 6 West Mouth archeological site Stop 7 West Mouth overview The field trip will end in the iconic West Mouth (we will not enter the dark zones of Great Cave).
2:00 pm (latest)	Start return walk back to park HQ - allow 1 hour (over 3km walkway)
3:00 pm	Check all participants are out of park and departure of bus from Niah
5:00 pm	Estimated arrival time back at Pullman Hotel in Miri

Oral Presentation

DAY 1 (01 October 2026): PARALLEL SESSION 1

Time	Sl. No.	Presenter Name	Title
Theme: Conservation Geology & Geotourism		Session Chair:	
ROOM: 1			
9:30 - 9:45 am	P21	Philip Lesslar	Learnings from the Miri Airport Road Outcrop Conservation Work
9:45 – 10:00 am	P98	Lim Li Chien	Conservation of Tuang Schist geological heritage site: The Eastern Terminus remnant of Tethysides Orogenic System
10:00 - 10:15 am	P113	Izzat bin Ibrahim	Geological, Petrographic, Geochemical and Geoheritage Characterisation of BukitGapis, Gunung Melaka (Batang Melaka Permanent Forest Reserve), Jasin, for the Development of the Aspiring Melaka Geopark

Time	Sl. No.	Presenter Name	Title
Theme: Disaster Risk Reduction & Climate Hazards Session Chair:			
ROOM: 2			
9:30 - 9:45 am	P16	Ashraf Dewan	Facing 50°C: How Prepared Are Major Asian Cities for Extreme Urban Warming?
9:45 – 10:00 am	P78	Aaisyah Yani	The Batang Mitus Landslide: Reassessing Landslide Hazards and the Need for High-Resolution Landslide Mapping in Brunei Darussalam
10:00 - 10:15 am	P80	Afroz Ahmad Shah	Global disparities in earthquake impacts and the need for strengthened international seismic risk governance

Time	Sl. No.	Presenter Name	Title
Theme: Energy & Mineral Resources		Session Chair:	
ROOM: 3			
9:30 - 9:45 am	P2	Mohd Hariri Arifin	Geothermal Energy in Malaysia: Why a Proof of Concept is Urgently Needed
9:45 – 10:00 am	P46	Muhamad Syazwan Norilham	Effect of Malaysian Silica Sand Sources on The Thermo-Physical Properties and Crystalline Phases of Anti-Thermal Shock Ceramics
10:00 - 10:15 am	P119	Ian Fitzsimons	Geoscience education for mineral exploration and mining: lessons from Western Australia

DAY 1 (01 October 2026): PARALLEL SESSION 2

Time	Sl. No.	Presenter Name	Title
Theme: Conservation Geology & Geotourism		Session Chair:	
ROOM: 1			
2:30 - 2:45 pm	P129	Choong Chee Meng	Revised Geological Mapping of the Greater Kuala Lumpur Region, Selangor
2:45 – 3:00 pm	P171	Che Aziz Ali	Geoparks Resilience in the Context of Malaysian Geoparks.
3:00 - 3:15 pm	P175	Anson Sim Chin Yung	The Bukit Lima Swamplands in Sibul, Sarawak: Their Origin and Degradation, and

			the Proposed Rehabilitation and Conservation for Future Generations
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Time	Sl. No.	Presenter Name	Title
Theme: Disaster Risk Reduction & Climate Hazards Session Chair: ROOM: 2			
2:30 - 2:45 pm	P102	Askury Abd. Kadir	Revisiting a Dramatic Gunung Cheroh Rockfall's Tragedy Back in 1973: Public Awareness and Safety
2:45 – 3:00 pm	P103	John Kuna Raj	Back analyses of a compound slide and implications for slope cut design in weathered graphitic-quartz-mica schists
3:00 - 3:15 pm	P134	Noryati	Comparison of Simulation Model Parameters for Landslide Risk Management

Time	Sl. No.	Presenter Name	Title
Theme: Energy & Mineral Resources Session Chair: ROOM: 3			
2:30 - 2:45 pm	P130	Nurul Hidayatul Haida Binti Muhamad	National Offshore Sand Resources Study (NOSRS): A Comprehensive Assessment of Malaysia's Marine Sand Reserves and Economic Potential.
2:45 – 3:00 pm	P158	Ledyhernando Taniou	The Presence and Characteristics of Rare Earth Elements (REE) in the Bukit Berikuk Area, Simunjan, Sarawak
3:00 - 3:15 pm	P170	Noran Nabilla Nor Azlan	Application of the JMG.GP.20 Guideline in REE Exploration and Resource Estimation for Ion-Adsorption Clay Deposits: A Case Study from Negeri Sembilan, Malaysia

DAY 1 (01 October 2026): PARALLEL SESSION 3

Time	Sl. No.	Presenter Name	Title
Theme: Disaster Risk Reduction & Climate Hazards Session Chair: ROOM: 1			
3:45 - 4:00 pm	P137	Navakanesh M. Batmanathan	Integrated Hazard Assessment for Coastal Resilience in Selangor, Malaysia
4:00 – 4:15 pm	P143	Marelyn Telun Daniel	Multi-temporal landslide susceptibility reassessment of Canada Hill, Miri, Sarawak
4:15 - 4:30 pm	P145	Ahmad Zaidi Hampden	Revisiting the Felcra Semungkis Landslide, Malaysia: A Scenario-Based Interpretation of Delayed and Retrogressive Failure
4:30 - 4:45 pm	P146	Mohd Talha Anees	Sensitivity and statistical analysis for landslide susceptibility mapping in surrounding of Genting Highland, Peninsular Malaysia
Theme: Conservation Geology & Geotourism Session Chair:			
4:45 - 5:00 pm	P106	Mohd Rozi bin Umor	Characterisation of the Tasik Chin Chin Anthropogenic Ex-Mining Geosite, Jasin, Melaka, for the Development of the Aspiring Melaka Geopark
Theme: Energy & Mineral Resources Session Chair:			
5:00 – 5:15 pm	P76	Nur Hafizhah M Ghafa	Advancing Innovation in Sustainable Geoscience: PETRONAS Geoscience

			Technology Centre (PGTC) as an Integrated Geoscience Hub for a Resilient Future
5:15 - 5:30 pm	P105	Subramaniyan Balachandar	Direct Dissolution of Lithium Borate Melts for Analysis of Refractory Rare-Earth Geological Materials
5:30 - 5:45 pm	P150		
5:45 - 6:00 pm	P168		

Time	Sl. No.	Presenter Name	Title
Theme: Petroleum Geology			Session Chair:
ROOM: 2			
3:45 - 4:00 pm	P85	Maisi Asri Riswanti	2D Structural Restoration and Strain Analysis: Implications for Carbonate Reservoir Development in the Inversion-Influenced System of East Java Basin
4:00 – 4:15 pm	P109	Muhammad Hammad Rasool	An Explainable AI Workflow for Seal-Quality Assessment in Geological CO ₂ Storage via Unsupervised Clustering and Supervised Learning
4:15 - 4:30 pm	P127	Akmal Anuar	Hydrocarbon-Stained Sandstone Along the Kalawit Fault, Tatau, Sarawak: An Outcrop Analogue for Petroleum System Evolution in the Balingian Province
4:30 - 4:45 pm	P131	Nur Faiqah Binti Hisham	Integrated Structural Restoration and Petroleum System Modelling (PSM) for Charge Validation in the East Java Basin.
4:45 - 5:00 pm	P136	M. Syafiq Ridzwan Jamaluddin	From Surface Outcrop to Subsurface information: Depositional Architecture and Stratigraphic Controls in Understanding Reservoir Connectivity in the Sarawak Shallow Clastic Gas Province
5:00 – 5:15 pm	P148	Ahmad Hafizuddin Mahamud	From Regional Sequence Boundaries to Reservoir-Scale Horizons: An Integrated Stratigraphic and Structural Interpretation Workflow
5:15 - 5:30 pm	P132	Nur Faiqah Binti Hisham	Constraining Source Rock Kinetics and Hydrocarbon Generation History in the East Java Basin through Integrated Geochemical and Petroleum System Modelling.
5:30 - 5:45 pm	P149	Fadzlin Hasani Kasim	Identifying Missed Pay in Thinly Laminated Reservoirs Through Integrated Petrophysical Evaluation: Insights from the Sarawak Basin
5:45 - 6:00 pm	P167	Ivy Lee	Fault-Controlled Hydrocarbon Entrapment in the Cycle V Play: Insights from the Onshore Baram Delta, Miri, Sarawak

Time	Sl. No.	Presenter Name	Title
Theme: Stratigraphy, Sedimentology & Palaeontology			Session Chair:
ROOM: 3			
3:45 - 4:00 pm	P12	Mawande Ncume	Refining the Lithostratigraphy of the Natal Group, Kwazulu-Natal Province, South Africa: Insights from Integrated Geoscience Mapping

4:00 – 4:15 pm	P20	Philip Lesslar	Foraminiferal Applications in Geological Interpretation – N.W Borneo Focus
4:15 - 4:30 pm	P60	Muhd Nur Ismail Abdul Rahman	Sedimentary Facies and Reservoir Quality of the Paralic Meligan Formation: Insights from an Outcrop Analogue in Lawas, Sarawak, Malaysia
4:30 - 4:45 pm	P69	Nur Mujeera Chaudry Binti Shahid Haq Chaudry	Predictive Stratigraphic Modelling of Carbonate Facies Heterogeneity and Early Diagenetic Reactivity in the East Java Basin
4:45 - 5:00 pm	P81	Sanatul Salwa Hasan	Integrated Stratigraphic Framework of the NW Sabah Basin from Seismic Facies, Stratigraphy and Biostratigraphy Regional Insights
5:00 – 5:15 pm	P111	Fakhrul Ariffin Adi Law	Revised Mid-Miocene Geology for Northern Sarawak
5:15 - 5:30 pm	P112	Amajida Roslim	Palynology and Biostratigraphy of the Merit-Pila coalfield outcrops in central Sarawak, Malaysia
5:30 - 5:45 pm	P96	Sanatul Salwa Hasan	An Integrated Bioevent-Based Workflow for Stratigraphic Correlation in Highly Reworked Depositional Systems: Insights from Brackish Lake and Deep-water Environments
5:45 - 6:00 pm	P116	Ahmad Fairus Ahmad Zamri	From Engineering to Sedimentology: Digital Preservation of a Man-Made Tidal Canal Using Virtual Outcrop Models

Poster Session

DAY 1 (01 October 2026) Time: 10:15-10:45 am & 3:15-3:45 pm, ROOM: 4

Sl. No.	Presenter Name	Title
Theme: Conservation Geology & Geotourism		
P14	The Nesda Rojuin	Geoheritage Assessment of Potential Geosites in Sukau, Kinabatangan, Sabah
P36	Winnie Lo Lin Lin	3D Digital Outcrop Modelling for Geological Archiving along Sibü–Mukah Road, Pan Borneo Highway, Sarawak, Malaysia
P40	Ahmad Adha Syamil bin Ahmad Taufik	Geological, Geomorphological and Environmental Characteristics of Sea Turtle Nesting Sites at Chagar Hutang, Redang Island, Terengganu
P63	Esmyra Edriyana Zulkhibri	Integrating Geological Diversity, Geoheritage Assessment and Community Perspectives for Geoconservation in Bahau–Rompin–Gemencheh, Negeri Sembilan
P91	Jayanti Rauf	Spatial Geodiversity Mapping and Geosite Assessment in Kenyir National Geopark, Malaysia
Theme: Disaster Risk Reduction and Climate Hazards		
P17	Winnie Tan Yee Ching	Landslide Susceptibility Assessment in Pulau Pinang Using an Integrated Approach
P34	Arina Ismail	Landslide Susceptibility Assessment using Deterministic Approach in Kundasang Area, Sabah

P49	Mohammed Arkan Majeed	Landslide susceptibility mapping using machine learning in ASARTR, Taman Negara, Pahang: A stratified cluster-based spatial cross-validation approach with Explainable AI
P72	Tan Wei Xiang	CHIRPS-Derived Multi-Timescale Standardized Precipitation Index (SPI) for Integrated Rainfall-Triggered Geohazard Assessment in Malaysia
P135	Kamarulbahrin Bin Hashim	MET Malaysia EARTHQUAKE CATALOGUE 2024: A Scientific Reference for Local Seismic Activity
Theme: Energy & Mineral Resources		
P57	Baraa Ali Mahdi	Mud volcano characterization for potential use in Industry at Sabah & Sarawak, Malaysia
P67	Zulfahmi Ali Rahman	Mechanical Performance of Alkali-Activated Gold Mine Tailings Incorporating Recycled Sheet Plastic Waste
P88	Nur Al Maidah Che Mod	CO ₂ Adsorption Behaviour of the Banded Bright Coal Lithotype from the Balingian Coalfield, Sarawak, Malaysia
P156	Mohamad Taqiuddin bin Tumin	Method on REE Exploration: An Integrated Approach for Ion-Adsorption Clay (IAC) REE Deposit Assessment at Serikin, Bau, Sarawak
P161	Mohamad Taqiuddin bin Che Samsuzuki	Exploration of Ion-Adsorption Clay Rare Earth Elements (IAC-REE) in Negeri Sembilan and Melaka: Measured Resource Assessment and Economic Potential (2021–2025)
Theme: Karst		
P92	Nur Farhana Salleh	High-Resolution Karst Characterization of Permo–Triassic Gua Musang Limestones in Pahang
Theme: Geochemistry		
P15	Kanij Fatema	Accumulation of Primordial Radionuclides in Agricultural Soils and Vegetables: A Food Safety Perspective (South-Western Bangladesh)
P19	Umma Tamim	Geo-environmental Provenance and Risk Assessment of Rare Earth Elements in the Sundarban Mangrove Estuarine Region of Bangladesh
P23	Aristotle Joshua Endaya	Abundance and Composition of Iron-Bearing Minerals in Sandstones from Miri Region (Sarawak, Malaysia): Geochemistry and Petrography
P26	Sally Jane Tang Tuang Ling	Characterization of Rare Earth Elements Bearing Rocks in Mukah-Balingian, Sarawak
P27	Natasha Cindy Anak Richard Pie	Petrogenesis of the Volcanic rock deposit in Tawau, Sabah, Malaysia: Implication of Neogene Arc Magmatism in Southeastern Sabah.
P35	Kamal Das	Field Investigations of REE bearing lithologies in Kuching Zone, Sarawak, Malaysia
P42	Ling Sin Yi	Critical Metal Elements (CMEs) Pathways from Weathered Ophiolitic Bedrocks into Marine Sediment in North Sabah, Malaysia
P73	Sakshi Sunil Singh	Effect of Mineralogy and Texture on the Mechanical Degradation of Heat-Treated Sandstones
Theme: Stratigraphy, Sedimentology & Palaeontology		

Theme: Geochemistry ROOM: 3			Session Chair:
9:30 - 9:45 am	P147	Rezal Rahmat	Evidence for Cryptic Amphibole Fractionation in the Dioritic Suite of the Marudu Bay Ophiolite, Northern Sabah (Borneo), Malaysia
9:45 – 10:00 am	P153	Nur Syahidatul Zubaida Abilah	Refining the Geological Framework of Melaka, Peninsular Malaysia: Insights from Integrated Geological Mapping and Petrographic Investigation
10:00 - 10:15 am	P83	Mohd Al-Farid Bin Abraham	Decoupling Chemical Weathering and Physical Erosion of Soil Inorganic Carbon in Labang and Gomantong Limestones Formations, Sabah

DAY 2 (02 October 2026): PARALLEL SESSION 5

Time	Sl. No.	Presenter Name	Title
Theme: Groundwater Resources ROOM: 1			Session Chair:
10:45 – 11:00 am	P101	Anuar Sefie	Hydrogeological and Radiocarbon Assessment for Managed Aquifer Recharge in Langat River Basin, Selangor
11:00 - 11:15 am	P160	Mohamad Zahir bin Che Amad	Overview on Groundwater Resources in Sarawak
11:15 - 11:30 am	P163	Jaineh Bin Lingi	Hydrogeochemical Characteristics and Controlling Processes of Groundwater in the Kadamaian Basin, Sabah: A Comparative Study of Different Aquifer Systems
11:30 - 11:45 am	P178	Lee Beng Huat	Regional Transient Electromagnetic (TEM) Survey for Groundwater Exploration and Wellfield Potential Assessment in Melaka, Malaysia
Theme: Tectonics & Structural Geology			Session Chair:
11:45 am – 12:00	P74	Nur Syaakiirroh A'qilah Binti Hj Sahari	Active Normal Faulting and Subsidence-Induced Flood Susceptibility Revealed by LiDAR in the Belait Syncline, Brunei Darussalam, SE Asia
12:00 - 12:15 pm	P84	Maisi Asri Riswanti	Reassessing the tectonostratigraphic evolution of the Malay Basin and its control on hydrocarbon distribution
12:15 - 12:30 pm	P86	Safwan Jatun	Digital Outcrop Geology: High-Resolution 3D Mapping of the Tangela Outcrop, Sengkurong, Brunei Darussalam

Time	Sl. No.	Presenter Name	Title
Theme: Geophysics, Geospatial Applications & Geotechnology Session Chair: ROOM: 2			
10:30 - 10:45 am	P64	Philip Lesslar	AI Readiness – The Data Imperative
10:45 – 11:00 am	P89	Nur Mujeera Chaudry Binti Shahid Haq Chaudry	CO2 Storage Modelling Through the Integration of Forward Stratigraphic Modelling, Petroleum System Modelling, 3D Field Static Geological Model Data: A Case Study of the Southern Malay Basin

11:00 - 11:15 am	P97	Louvis Ferrer Jefree	Spatiotemporal River Dynamics Analysis of Batang Samarahan, Sarawak using Landsat Imagery
11:15 - 11:30 am	P104	Abdull Halim	Riverbed profiling using Multibeam Echosounders Technique
11:30 - 11:45 am	P115	Masashi Endo	Integrated Interpretation of Multiple Physical Property Models
11:45 – 12:00 pm	P121	Tan Jia Qi	Case Study of the Performance of Multichannel Analysis of Surface Waves (MASW) at a Landfill Site at Sepang, Selangor
12:00 - 12:15 pm	P122	Ahmad Zamri, A.F.	Virtual outcrops as subsurface analogues: Status and perspectives
12:15 - 12:30 pm	P126	Noorzamzarina Sulaiman	Characterization of Subsurface Layer Using Electrical Resistivity Imaging (ERI) at Jeram Linang, Machang, Kelantan

Time	Sl. No.	Presenter Name	Title
Theme: Quaternary, Karst, Coastal & Marine Geology Session Chair: ROOM: 3			
10:30 - 10:45 am	P7	John Kuna Raj	Mid-Holocene river captures and formation of "Jalan Penarikan" in Negeri Sembilan and Tasek Bera in Pahang
10:45 – 11:00 am	P93	Dony Adryansyah Nazaruddin	Geologic Controls and Coastal Processes on Rocky Coast Landforms along Terengganu Shoreline, Malaysia
11:00 - 11:15 am	P8	Dominique Dodge-Wan	Elongated stalagmites influenced by cave wind in Niah Caves (Sarawak, Malaysia): insights into crayback stalagmite formation
11:15 - 11:30 am	P10	Nqobile Mankayi	A Multicriteria Approach using Weights-of-Evidence Analysis in Karst subsidence hazard mapping, city of Tshwane and Surroundings, Gauteng Province, South Africa
11:30 - 11:45 am	P162	Muhammad Afiq Ariff Hellmy	Application of Terrestrial Laser Scanning for Cave Geomorphological Mapping at Gua Bewah and Gua Taat, Kenyir Geopark, Malaysia.

DAY 2 (02 October 2026): PARALLEL SESSION 6

Time	Sl. No.	Presenter Name	Title
Theme: Geophysics, Geospatial Applications & Geotechnology Session Chair: ROOM: 1			
2:30 - 2:45 pm	P141	Woo Chaw Hong	Geophysical Methods for Identification of Gold Mineralization Zone in Bukit Mantri, Tawau, Sabah
2:45 – 3:00 pm	P142	Ivy Lee	Enhancing Onshore Prospect Evaluation Through Integrated Seismic Reprocessing and Seismic Inversion: A Sarawak Case Study
3:00 - 3:15 pm	P159	Shahrul Ridzuan B. Z. Rashid	Application of 2D Resistivity Imaging Method in Soil Stability Assessment Along Jalan Pahlawan, Sibul "Geophysics Uncovers the Ground Conditions Behind Structural Failures"

3:15 - 3:30 pm	P164	Mohd Farizwan bin Mohd Saibi	Integration of 2D Electrical Resistivity, Induced Polarisation (IP) and Ground Penetrating Radar (GPR) methods for the detection of historical burial remains: Two (2) case studies in Ipoh, Perak
3:30 - 3:45 pm	P172	Harry Linang	Comparative Performance of Raspberry Shake RS3D and Atom Seismographs for AVS30 and H/V Site Characterization
3:45 - 4:00 pm	P166	Ivy Lee	Beyond Depth Conversion: Constraining Drillable Depth in Sparse 2D Seismic
4:00 - 4:15 pm	P128		

Time	Sl. No.	Presenter Name	Title
Theme: Tectonics & Structural Geology		Session Chair:	
ROOM: 2			
2:30 - 2:45 pm	P13	Lindokuhle Hlatshwayo	Transient Aseismic Slip and Two-Stage Evolution of the 2023-2025 Lesotho-South Africa Earthquake Swarm
2:45 – 3:00 pm	P117	Leong Khee Meng	Triassic and/or earlier Crystalline Basement in Geological Map of Sabah (1985, 2015) contrasting with Cretaceous Crystalline Basement in Sabah in Geological Map of Borneo (2002)
3:00 - 3:15 pm	P118	Nurfirdaus Sapawie	Preliminary Geological Assessment of Bukit Batu Lawi, Bario, Miri, Sarawak
3:15 - 3:30 pm	P140	Ahmad Hafizuddin Mahamud	Reducing Uncertainty in Fault Seal Analysis: An Integrated Workflow Through Quantitative Interpretation
3:30 - 3:45 pm	P169	M. Megawati	Source Characterization of a Shallow Crustal Earthquake: The 27 May 2006 Mw 6.4 Java Earthquake
3:45 - 4:00 pm	P120		

Time	Sl. No.	Presenter Name	Title
Theme: Petroleum Geology ROOM: 3		Session Chair:	
2:30 - 2:45 pm	P133	Nur Faiqah Binti Hisham	Fresh Exploration Perspective on the Hydrocarbon Potentiality of the Miocene Upper New Guinea Limestone (NGL), Aru Basin, West Papua, Indonesia Based on Integrated Petroleum System Modeling Study
2:45 – 3:00 pm	P177	M Rahmani	New Insights on the Petroleum Potential Offshore West Sarawak, Malaysia
Theme: Stratigraphy, Sedimentology & Palaeontology		Session Chair:	
3:00 - 3:15 pm	P123	Nur Muhammad Asyraf Mansor	Sediment Map 2.0: A New Regional Seabed Sediment Atlas of the East Coast Continental Shelf, Peninsular Malaysia.
3:15 - 3:30 pm	P124	Nur Mujeera Chaudry Binti Shahid Haq Chaudry	Calciurbidite Deposits at Jalan Sepupok, Niah, Sarawak: An Outcrop Analogue for Carbonate Gravity-Flow Systems
3:30 - 3:45 pm	P151	Allagu Balaguru	Major Unconformities, Structural Evolution and Stratigraphy of Sarawak and Sabah (NW Borneo): Based on Integrated Seismic,

		Biostratigraphy and Paleomagnetic Data: Problems and Solutions
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Poster Session

DAY 2 (02 October 2026) Time: 10:15-10:45 am & 3:00-3:45 pm, ROOM: 4

Sl. No.	Presenter Name	Title
Theme: Geophysics, Geospatial Applications & Geotechnology		
P31	Muhammad Adhwa Fathir	Electrical Resistivity Investigation of the Crocker-Ophiolite Contact in the Kota Marudu-Pitas Area
P32	Sharifah Nur Shaghirrah binti Syed Ismail	3D Seismic of Late Quaternary Fluvial Systems in a Tropical Continental Shelf Setting: A Case Study of Malay Basin
P33	Sun Haosong	Teleseismic Receiver-Function Constraints on Crustal Structure Beneath the Mount Everest Region
P37	Fong Yuen Sie	Integrated Time-Lapse Seismic Attribute and Machine Learning Analysis for CO ₂ Plume Monitoring at the Sleipner CCS Site
P38	Muhammad Azhar Saminoon	Integrated Geological and Applied Geophysical Analysis of Subsurface Compartmentalization for Carbon Capture and Storage Potential in the Northern Malay Basin
P41	Aidid Hakimi Bin Shamsul Kamar	Identification of Shallow Subsurface Geological Structures and Paleochannel Gravels in Bukit Jawa, Lenggong Using 2D Electrical Resistivity
P44	Ilham Azizuddin Bin Ebrahim	Fault structure investigation of the recent Johor earthquake sequence using earthquake relocation, seismic clustering, and gravity analysis
P48	Imran Raheemi	River Bathymetry Estimation in Downstream Turbid River of Kelantan Using Remote Sensing and Geographic Information System
P54	Muhammad Safwan Shaiful Najib	A Preliminary Investigation of Iron Ore Mineralization Through Ground Magnetic Data Processing Workflow and Subsurface Interpretation
P56	Muhammad Zamir bin Abdul Rasid	Evaluating Sentinel-2B MSI and Regional Empirical Algorithms for Estimating TSS and Turbidity in Kelantan River, Malaysia
P59	Nur Irdina Insyiraah Mohd Salwira	Integrated Geophysical Site Classification using MASW and SRT for Seismic Zonation Mapping
P61	Nurul Asikin Mohd Araha	A 2-D Cross Plot Approach for Integrated Interpretation of Electrical Resistivity and Seismic Refraction Data in Cavity Detection
P70	Sharvin Rau a/l Suresh Rao	Detecting Deep Water Channels Using Geometrical Attributes and Instantaneous Seismic Attributes for Refined Subsurface Imaging: A case Study from the Taranaki Basin, New Zealand
P71	Mohamad 'Abid Azizi Mohd Asri	Evaluation of Dynamic Soil Response and Site Classification for Infrastructure Development Using Downhole Seismic Test (DST)

P87	Muhammad Irfan Sakhawi Mohd Azlan	Debris flow hazard mapping of Gunung Jerai, Kedah using remote sensing and geophysical techniques
P94	Luqman Bin Mohd Zaki	3D Seismic of Early – Late Cretaceous Siliciclastic Reservoir in Browse Basin, Western Australia
P110	Nur Juhaida Jasza Jasmi	Slope Stability Assessment using Electrical Resistivity Imaging (Eri) method at Hulu Terengganu, Malaysia
P159	Shahrul Ridzuan B. Z. Rashid	Application of 2D Resistivity Imaging Method in Soil Stability Assessment Along Jalan Pahlawan, Sibul “Geophysics Uncovers the Ground Conditions Behind Structural Failures”
P165	Nur Anthasha Billah binti Mohd Noor	Geophysical Survey of Ground Penetrating Radar (GPR) Method at the Site of Land Subsidence Incident at Masjid As-Solihin, Kg. Chuping Bawah Bukit, Kangar, Perlis
Theme: Groundwater Resources		
P3	Patricia Henry	Assessment of contaminant flux by Submarine Groundwater Discharge (SGD) in Miri Coast, NW Borneo
P6	Mohd Uvaish Ansari	Assessment of Surface Water Quality in Royal Belum State Park, Perak, Malaysia Using Physicochemical Parameters
P9	Evienstein Wilfred	GIS-Based Fuzzy-AHP approach for Groundwater Recharge Potential Delineation in Papar-Kimanis, Sabah, Malaysia
P18	Siti Farah Ezdiani Miasin	Gold Mining Activities in Sabah: Economic Potential and Challenges to Water Resource Sustainability
P55	Mohammad Ribie Bin Arif	Hydrogeological Modelling and Groundwater-Surface Water Interactions at an Ion-Adsorption REE Mining Site in Gua Musang, Kelantan.
P66	Muhammad Aliff Hakimi Mohd Khairul Annuar	Investigation of Aquifer Potential within Geological Contact Zone in Kelantan using 2D Electrical Resistivity Imaging
P77	Tharshinni Devi Shanmugam	A Novel Cubic Mean Iterative Method for High-Accuracy Simulation of 1D and 2D Groundwater Flow and Contaminant Transport
P79	Kim Meng Heng	Development of A Satellite-Based Standardized Precipitation Index for Drought Monitoring in Malaysia: Applications in Water Security and Agriculture
Theme: Petroleum Geology		
P22	Cheah Xin Yi	Hydrocarbon generative potential of Middle Jurassic, Early Permian and Early Cambrian deposits in subsurface of Bahu oilfield, Punjab Platform, Pakistan.
P39	Dayang Ervinna Natasha Awang Hishamudin	Assessing Depleted Oil and Gas Reservoirs for CO ₂ Storage and Utilisation: A Review of Geological Potential and Malaysian Perspective
P50	Noor Amirah Syahirah Noor Aizam	Integration of Pre-stack Seismic Inversion and Machine Learning in Predicting Water Saturation for Hydrocarbon Prediction in Jambu Field, Malay basin
Theme: Tectonics & Structural Geology		

P25	Manobalaji Annamalai	The Magmatic Plumbing System of the Semporna Volcanic Complex Inferred From Plagioclase Micro-Texture And Thermobarometers
P28	Christabelle Lim Xin Rou	Soil–Rock Mixtures (SRM) in Geological Settings: A Review of Shear Strength Behavior and Key Controlling Factors
P53	Muhammad Asyraf Danial Osman	Fracture Network Characterization of Sungai Perlis and Charu Formations, Eastern Belt of Peninsular Malaysia
P58	Farrah Aina Mohd Zulkifli	Distribution of Youngest Toba Tuff in the Dong and Kuala Pilah basins in Peninsular Malaysia
P108	Kimverly Wilson Maja	A Physical Stereonet Projection Model for Enhancing 3D Structural Geology Learning practice

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