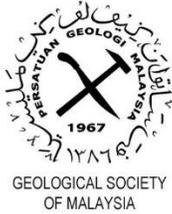


Organisers

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FINAL CIRCULAR

NGC 2024

THE 37TH NATIONAL GEOSCIENCE CONFERENCE

Geoscience for a sustainable future

1st - 3rd October 2024

Venue: Wyndham Grand Bangsar, Kuala Lumpur



Sponsors:



Exhibitors:



Media
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Final Announcement:

The Geological Society of Malaysia is pleased to announce that the 37th National Geoscience Conference (NGC 2024) will be held at Kuala Lumpur during 1st - 3rd October 2024. This year the conference will be hosted by the Department of Geology, Universiti Malaya in collaboration with JMG, IGM, and BOG. The conference will be in conjunction with the 65th Anniversary (Sapphire Jubilee) of the Faculty of Science, Universiti Malaya. The conference (NGC 2024) will continue the tradition as the premier geoscience event in the country; well attended by geologists from academia as well as the public and private sectors. On this occasion, the Organizing Committee of NGC 2024 would like to invite you to take part in the conference and share or discuss your latest research findings from various fields of geosciences.

Themes/Sub-themes:

- Disaster Risk Reduction, Climate Hazards, Climate Change & Engineering Geology
- Energy & Mineral Resources
- Groundwater Resources
- Conservation Geology & Geo-tourism
- Quaternary, Coastal & Marine Geology
- Tectonics & Structural Geology
- Stratigraphy, Sedimentology & Paleontology
- Karst
- Geochemistry
- Geophysics, Geospatial Applications & Geotechnology
- Policies, Ethics & Professional Practice

Registration Fees:

Early Bird Registration: (Till 15 August 2024)

- RM 600* for GSM/IGM members (with paper presentation)
- RM 700* for GSM/IGM members (without paper presentation)
- RM 800* for non-GSM members (inclusive of 1-year GSM membership)
- RM 400 for student GSM members

*RM 100 will be returned if full manuscript is accepted for publication.

Attractions:

- ✓ Post conference field trip
- ✓ BOG CPD points

Exhibition Booth Charges:

- ✓ Size: 3 x 3 metres
- ✓ Limited to 10 booths
- ✓ Price: RM5000

Accommodation Suggestions:

All the following accommodations are within the vicinity of the conference venue:

- ❖ Wyndham Grand Bangsar, Kuala Lumpur
- ❖ VE Hotel, Bangsar South, Kuala Lumpur
- ❖ Imperial Regency Suites & Hotel, Kuala Lumpur
- ❖ Komune Living, Bangsar South, Kuala Lumpur
- ❖ Hotel Zamburger Bangsar South, Kuala Lumpur
- ❖ South View Serviced Apartments. Bangsar South, Kuala Lumpur

**For more information, please check the conference website through the link or QR Code.*

Contact Us:

Email: geologicalsociety@gmail.com

Phone: 03-79577036

Organising Chairman:

Assoc. Prof. Dr. Meor Hakif Amir Hassan
Head of the Department,
Department of Geology,
Universiti Malaya 50603,
Kuala Lumpur



SCAN ME

<https://umevent.um.edu.my/NGC2024> 

Keynote Speakers:**Assoc. Prof. Dr. Hasrizal Bin Shaari**

Paleoceanography Research Group,
Universiti Malaysia Terengganu (UMT)

Topic: Marine Geoarchaeology – Unveil the history of Bidong Shipwreck

**Prof. Dr. Joy Jacqueline Pereira**

Southeast Asia Disaster Prevention Research Initiative,
Universiti Kebangsaan Malaysia (UKM)

Topic: Climate change and disaster resilience in cities – The role of geoscience

**Assoc. Prof. Dr. Masatoshi Sone**

Sedimentary Geology & Paleontology Research Group,
Universiti Malaya (UM)

Topic: Malaysian dinosaurs

**Dr. Zuhar Zahir Tuan Harith**

Technical Advisor,
Beicip-Franlab Asia

Topic: Role of geoscience in the energy transition

Oral Presentations

P1	Khoong Tai Wai*, Baba Musta, Kumara Adji Kusuma, Chong Kok Fei & Chong Wei Ying ASEAN geology bibliometric analysis: A way forward for sustainable development.
P2	John Kuna Raj Late quaternary denudational chronology of the Kg. Air Jernih area, Terengganu, Malaysia.
P3	Josiah Nuhu Jabbo*, Noorain Mohd Isa, Ahmad Zaharin Aris, Mohammad Firuz Ramli, Adamu Usman Mohammed & Andarawus Yohanna Groundwater potential zone controlling source and flow using Multi-Criteria Decision-Making Analysis (MCDMA) based on Analytical Hierarchical Process (AHP) of Yankari Game reserve and its environs, northeast Nigeria.
P4	Fatin Izzati Minhat*, Muhammad Amzar Aznan, Abdullah Sulaiman & Hasrizal Shaari Benthic foraminifera as indicators of relative sea-level fluctuations in Malacca straits during late Pleistocene and Holocene.
P5	Meor Hakif Amir Hassan*, Nur Akmal Anuar, Zulhaimi Abdul Rahman & Zuhar Zahir Tuan Harith A chronostratigraphic chart for the Paleozoic of NW Peninsular Malaysia: Reconciling local stratigraphy with regional and global geologic events.
P6	Alya Batrisyia Binti Maghrib & Abdul Halim Bin Abdul Latif Assessment of karst as potential carbon storage through virtual reality environment.
P8	Mohd Talha Anees*, Ahmad Farid Bin Abu Bakar, Mohammad Muqtada Ali Khan & Naseem Akhtar Landslide risk assessment controlled by geological and triggering factors at regional scale using remote sensing and GIS.
P9	Azlan Shah Nerwan Shah & Nor Shahidah Mohd Nazer* Internal and surface erosion mechanism of residual soil based on detachment and dispersion control.
P10	Mohammed Abubakar Mohammed Source rock potential of Agbada formation shales: Case study, DRM field.
P12	Muhammad Hanif Haziq Mohammad*, Fatin Izzati Minhat, Hasrizal Shaari, Hafeez Jeofry & Sanatul Salwa Hasan Distribution of Planktonic Foraminifera species in deepwater offshore Sarawak.
P13	Chin Yik Lin & Kuganeswaran A/L Narayanasamy* Role of temperature, magnesium and strontium ions in the polymorphism of calcium carbonates in water.
P14	Noorzamzarina Sulaiman*, Siti Amirah Rosmi, Kaz Nezhah Khalib, Nursufiah Sulaiman, Nor Shahida Shafiee, Wani Sofia Udin & Fazrul Razman Sulaiman Investigation of landslide potential using Electrical Resistivity Imaging (ERI) method in Hutan Lipur Bukit Bakar, Machang, Kelantan.
P15	Mazlan Madon Continental margins according to UNCLOS 1982: A review based on CLCS recommendations on the outer limits of the continental shelf.
P16	Siti Amirah Rosmi, Noorzamzarina Sulaiman* & Fazrul Razman Sulaiman Investigation of seepage in subsurface profile using Electrical Resistivity Imaging (ERI) method on route D219 Temangan - Kuala Hau, Kelantan.
P17	Askury Abd Kadir*, Goh Thian Lai & Nurul 'Amalina Md Nor Chronology of pseudo-karst formation in Kampar, Perak: A preliminary assumption.
P20	Sohag Ali*, Numair Ahmed Siddiqui, Md. Yeasin Arafath, Md. Abdullahil Kafi, Mohamed A.K. EL-Ghali, AKM Eahsanul Haque, Md. Inzaman-UI-Haque Rimon & Farfour Mohammed Investigation of hydrochemistry, origin and suitability of drainage water: a case study in Barapukuria coal mine, Bangladesh.
P21	Nur Amirah Azman*, Farith Farhan M Pajri, Lokesh Ambati & Irmawaty Abdullah Hard sand or soft sand? Looking from a rock physics lens – a case study from a shallow clastic reservoir.
P22	Syaiful Alam*, Ahmad Helman Hamdani, M. Sapari Dwi Hadian & Noorzamzarina Sulaiman Paleoclimate, calcareous nannofossil distribution, and astronomical forcing of the late miocene Halang formation, West Java, Indonesia.
P24	Habibah Hanan Mat Yusoff*, Howard D. Johnson, Lidia Lonergan, Alexander C. Whittaker & Azli Abu Bakar Late quaternary fluvial to deltaic depositional systems within a source-to-sink framework of central Sarawak, Malaysia.
P27	Nur Fadzlina Aini M. Lehan*, Khairul Hisyam Kamarudin & Zakaria Mohamad Linking geospatial applications and business continuity to MSMEs: Implications for disastrous events.
P28	Nur Alya Sabrina Mohd Saharom, Nurul Fatin Hanani Azmi, Nordiana Mohd Muztaza*, Ismail Ahmad Abir, Farid Najmi Rosli, Teoh Ying Jia, Aqillah Abdul Rahman, Nazrin Rahman, Najmiah Rosli, Rosli Saad, Athirah Rosli & Yasir Bashir Investigation of sedimentary outcrops using geophysical methods in Langkawi, Kedah, Malaysia.
P29	Chooi Zhe Seng & Prasanna Mohan Viswanathan* Assessment of groundwater quality in Miri – A baseline study.

P30	Mazlan Madon* & Harry Linang Gravity inversion of moho depth beneath sabah using seismic-derived density model.
P31	K.M Leong Impact of affirmation of Sabah tonalites triassic and jurassic biotite K-Ar ages by U-Pb zircon ages.
P32	Muhammad Rafi*, Khairul Arifin M Noh, Abdul Halim Abdul Latiff & Amir Mustaqim Majdi Developing a surface Distributed Acoustic Sensing (DAS) response with different type of seismic source for shallow survey.
P34	Bashir Agha-Musa, Ismail Ahmad Abir* & Khiri Khalf Groundwater potential assessment of Penang mainland, Malaysia, through integration of remote sensing and GIS.
P35	Mohd Khairul Nizar Shamsuddin*, Lim Foo Hoat & Nur Hareza Redzuan Assessment of integrated surface water-groundwater a case study at Perlis river basin, Malaysia.
P37	Maryam Sofia Mohd Rasdi* & Mohd Suhaili Ismail Paleoecology of northwest Peninsular Malaysia based on ordovician – silurian graptolites.
P38	Ahmad Hasnulhadi Bin Che Kamaruddin* & Nur Arniezah Binti Aliman Geostatistical analysis of Geographic Information System (GIS) using Inverse Distance Weighting (IDW) mapping technique.
P39	Khaira Ismail Geological and jurisdictional aspects of deep-sea mining.
P40	Satapat Kumpitak*, Ros Fatihah Muhammad, Lim Tze Tshen & Kantapon Suraprasit Plio-pleistocene mosaic environments of northern Peninsular Malaysia: Evidence from Murid Rodent fossils from Semadong cave (Perlis).
P41	Mohamed Rouai*, Khaoula Qarqori, Mustapha Boujamaoui & Abdelilah Dekayir Geophysical prospecting of groundwater in the middle atlas of Morocco: Study case.
P42	B. Venkateshwaran*, AKM Eahsanul Haque, Numair Siddiqui Ahmed, Mu. Ramkumar, Hariharan Ramachandran, Md. Yeasin Arafath, G. Sugavanam, & A. Manobalaji Synthetic gamma-ray log reconstruction based on the depositional facies in malay basin for CO ₂ storage using machine learning.
P43	Lim Tze Tshen*, Amir Hakim Amiruddin, Le Hoang Quoc & Ros Fatihah Muhammad Characterization of Peninsular Malaysian quaternary large mammal fauna, with special focus on fossil Orangutan (<i>Pongo</i> sp.).
P50	Rezal Rahmat*, Sun-Lin Chung, Chih-Tung Chen, Azman Abd Ghani, Hao-Yang Lee, Yoshiyuki Lizuka & Long Xiang Quek Zircon U-Pb ages and geochemical characteristics of cretaceous ophiolitic rocks from kudat and marudu bay ophiolite, Northern Sabah (Borneo), Malaysia.
P51	Sirajo Abubakar, Ismail Ahmad Abir*, Roselan Abdul Rahman, Khiri Abubakr Khalf & Abdulrasheed Adamu Hassan Investigation of the debris and alluvium deposit thickness using the 2D-resistivity and soil moisture index analysis along sungai Kupang tributary, Kampung Iboi, Muda river basin.
P52	Ismail Abd Rahim*, Baba Musta & Mohd Al-Farid Abraham Simplified mode of failure approach, critical zone and safe slope angle determination in stereographic projection.
P53	P. Geol. Dr. Abdull Halim Bin Abdul, Nurnilamsari Binti Ahmad Nizirin, Nurul Izzati Binti Azman, Muhammad Izzat Bin Abdull Halim & Nur Izzah Binti Abdul Aziz Measurement of the thermal conductivity of quaternary deposit soils using single probes method.
P54	Kribagiry Thamilarasan* & Mohd Suhaili Bin Ismail Effectiveness of sieving and grinding in measuring the concentration of rare earth element from ion adsorption clay in Lumut, Perak.
P59	Farid Najmi Rosli, Nordiana Mohd Muztaza*, Nur Azwin Ismail, Najmiah Rosli Nazrin Rahman & Rosli Sa'ad Optimization of pole-dipole array in subsurface investigation.
P60	Robert C Shoup Ethics in science; application of the scientific method.
P61	Nor Najiha Binti Nasrudin*, Ahmad Daniel Bin Razali, Abd Rasid Jaapar & Rohayu Bte Che Omar Evaluating slope failure risks using 2D Electrical Resistivity Imaging (ERI) and Induced Polarization (IP) at Berjaya Hills resort, Bukit Tinggi, Pahang Darul Makmur.
P62	Muhammad Afiq Ariff Hellmy*, Abd Rasid Jaapar & Ros Fatihah Muhammad Digital preservation and 3D documentation of geological heritage sites in Malaysia: technologies and applications.
P64	Nur Muhammad Asyraf Mansor*, Noran Alwakhir Shaarani, Muhammad Anasrullah Abd Rahim, Amin Noorasid Abdul Jalil & Syed Omar National offshore sand resources survey phase 3B: sediment sampling survey in offshore of Kelantan and Terengganu.
P66	Nur Anati Azmi*, Zainuddin Md Yusoff, Jestin Jelani & Nurul Afiffah Khairulazman A closer look at lebuhraya Karak and Lebuhraya Pantai Timur 1 (LPT1): kinematic analysis reveals surprising results.
P68	Sümer Ömer*, Drahor Mahmut Göktuğ, Ongar Atilla, Eski Beril, Tepe Çİ, Berge Thierry C & Duman Tamer Y The largest sinistral doublet earthquakes of the world during the instrumental period; February 06, 2023 Kahramanmaraş earthquakes, Türkiye.
P69	Low Keng Lok Critical parameters for feasibility in mining projects.
P71	Daulip Dee Dee Lakkui

	Sustainable development of Sabah coal resources.
P72	Yi Ning Fong*, Dominique Dodge-Wan & Prasanna Mohan Viswanathan Palynological insights from the Tukai Formation, Northwest Sarawak, Malaysia.
P74	Najiatus Najla Mohamada*, Abdul Hadi Abd Rahman, Mohd Suhaili Ismail & Nur Marina Samsudin Facies and stratigraphic associations of the Pedawan formation (Jurassic-Cretaceous) in Kuching area, Sarawak: Paleoenvironment, paleogeographic and paleotectonic significance.
P75	Peter Lunt* & Nazrul Liaw The Rajang unconformity of Sarawak, re-considered.
P76	Xiwu Luan & Peter Lunt* The changing role of stratigraphy; SE Asia as a leader.
P77	Thivineshvaren Elanggovan, Ismail Ahmad Abir*, Teoh Ying Jia & Nordiana Mohd Mustaza Correlation of lineament analysis and satellite gravity data processing to study surface and subsurface deformation trends in Northwest Sabah.
P78	Azrul Normi Idris*, Muhammad Mustaqim Mohd Rosli, Arshad Osman, Muhammad Danial Fikri Mohd Rani, Syazwan Aiman Mat Asdi & Ismail Tawnie Resistivity survey for determining the subsurface structures of lake bed in Linggi, Negeri Sembilan, Malaysia.
P82	Siti Fariza Abdul Hamid, Muhammad Mustadza Mazni, Haniza Zakri, Siti Aminah Abdul Sarif, Che Aziz Ali, Tanot Unjah, Mohd Rozi Umor & Mohd. Shafeea Leman Pembangunan aspiring Melaka Geopark: Status dan perkembangan semasa.
P85	Zakiah Ainul Kamal*, Mohammad Muqtada Ali Khan & Nor Shahida Shafiee @ Ismail Appraisal of groundwater quality for drinking and irrigation purposes in Northeastern Kelantan.
P86	Maybelline Kueh Siu Cheng* & Siti Nur Fathiyah Jamaludin Estimating karst volume as potential CO ₂ storage site in F23 carbonate buildup, central Luconia Province, offshore Sarawak.
P87	Ery Arifullah Ichnofabric and principal component analysis: unveiling palaeobiological rhythms in the Kutai Basin's sediments, Indonesia.
P89	Amirah Wardah Binti Mohd Azmir*, AKM Ehsanul Haque, Numair Ahmed Siddiqui & John Oluwadamilola Olutoki Artificial intelligence prediction of porosity utilising well-log and seismic data of the Maui gas field, Taranaki Basin, New Zealand.
P91	Alya Batrisya Mohd Zeffry* & Wan Zuhairi Wan Yaacob Salt water intrusion and groundwater quality using geochemical methods in Bachok district, Kelantan.
P92	Ibrahim Danial Maarof* & Nor Syazwani Zainal Abidin Visiting south of Taiping pluton for possible enrichment of rare earth elements.
P93	Ismail Tawnie*, Mohd Khairul Nizar Shamsuddin, Anuar Sefie & Azrul Normi Idris R & D and strategy for groundwater sustainability through managed aquifer recharge.
P94	Muhammad Afiq Md Ali*, Alexander Ramsay Cruden & Peter Graham Betts A review of post-triassic tectonic development in Peninsular Malaysia.
P95	Anuar Sefie*, Ismail Tawnie, Mohd Khairul Nizar Shamsuddin, Azrul Normi Idris, Arshad Osman & Syaiful Bahren Saadudin Characterizing geochemistry and groundwater age using carbon-14 dating techniques in lower Kelantan basin.
P99	Nazrin Rahman, Najmiah Rosli*, Rosli Saad, Nordiana Mohd Muztaza, Nurazwin Ismail, Teoh Ying Jia, Shyeh Sahibul & Karamah Masnan Concrete slab and beam scanning using high frequency ground penetrating radar.
P101	Allan Filipov* & Robert Shoup Facies mapping in the Kenny Hill formation, Selangor, Malaysia.
P102	Naqib Ullah & Khairul Azlan* Source rock evaluation in the Kohat basin, Pakistan: A comprehensive analysis of early eocene evaporite-interbedded shales using geochemical and petrographic techniques.
P103	Belinda Clare Bonny* & Nor Syazwani Zainal Abidin Potential rare earth element from Bujang Melaka-Chenderoh pluton within the main range province in Perak, Peninsular Malaysia.
P104	Nur Mujeera Chaudhry* & Nor Syazwani Zainal Abidin Petrographic assessment and diagenetic history of oligocene-miocene Gomantong Limestone, east Sabah.
P105	Abdulsalam Bello*, Siti Nur Fathiyah binti Jamaludin, AKM Ehsanul Haque, Poh Yee Ong, H. Mohammed & S. Bello Integrated geological and petrophysical modelling for caprock and reservoir characterization for carbon storage in FX field, central Luconia province.
P106	Sudirman Dawing*, Stuart Jones & Mark B Allen Sediment fairway controlling factor in deep water fold thrust belt.
P109	Muhammad Anasrullah Abd Rahim*, Noran Alwakhir Shaarani, Amin Noorasid Abdul Jalil, Nur Muhammad Asyraf Mansor, and Syed Omar Geophysical survey of Pulau Sembilan, Perak.
P111	Ros Fatimah Muhammad*, Noor Izzah Shaharuddin & Muhammad Hatta Roselee Karst-like morphology of Bujang Melaka granite boulders in Kampar, Perak, West Malaysia.

Poster Presentations

P7	Amir Hakim Amiruddin, Ros Fatihah Muhammad*, Lim Tze Tshen, Kira Westaway, Mathieu Duval, Virginia Martínez-Pillado, Jian-xin Zhao, Alexandra A.E. van der Geer, Clément Zanolli & Le Hoang Quoc Discovery of quaternary Proboscidean fossils in karst caves of Peninsular Malaysia.
P11	Muhammad Amri Mahadir* & Andy Anderson Bery Integration of electrical resistivity and induced polarization methods for near surface characterization.
P18	Ivy Yun Jin Ying* & Abdul Halim Abdul Latiff Shallow subsurface analysis through Distributed Acoustic Sensing (DAS) and seismic equivalent signal.
P19	Nur Husniena Izzaty Binti Adnan, Hassan Soleimani & Amir Rostami Sensitivity analysis of marine controlled source electromagnetic parameters for carbon capture monitoring.
P23	Nur Al Maidah Che Mod*, Nurul Jannah Adnan, Ahmad Shamil Sabudin, Muhammad Aidil Hakimi Mohd Noor, Tan Jia Qi, Norasiah Sulaiman, Muhammad Taquiuddin Zakaria, Nurul 'Amalina Md Nor, Askury Abd Kadir, Abdul Ghani Rafek, Ailie Sofyiana Serasa & Lee Khai Ern dan Goh Thian Lai Geomechanics characterisation and correlation between geometry and stability of granite boulders at Kampar, Perak.
P25	Nurul Jannah Adnan*, Nur Al Maidah Che Mod, Ahmad Shamil Sabudin, Muhammad Aidil Hakimi Mohd Noor, Tan Jia Qi, Norasiah Sulaiman, Muhammad Taquiuddin Zakaria, Nurul 'Amalina Md Nor, Askury Abd Kadir, Abdul Ghani Rafek, Ailie Sofyiana Serasa, Lee Khai Ern & Goh Thian Lai Geomechanics characterization and boulder stability evaluation using photogrammetric analysis for granite boulders in Kampar, Perak.
P26	Puteri Amirah Nabilah Azman, Nor Shahidah Mohd. Nazer* & Joy Jacqueline Pereira Estimation of landslide volume from 2D-landslide model.
P33	Khiri Abubakr Khalf, Ying Jia Teoh*, Nordiana Mohd Muztaza, Abdulrasheed Adamu Hassan, Sirajo Abubakar & Nur Azwin Ismail Stratigraphy, sedimentology, and geochemistry of the carboniferous glaciogenic deposits of Chepor member in the Kubang Pasu formation in outcrops of Perlis and Kedah, Northwest Malaysia: Presenting a new model of the lithostratigraphic architecture and depositional environment.
P36	Muhammad Aidil Hakimi Mohd Noor*, Ahmad Shamil Sabudin, Nur Al Maidah Che Mod, Nurul Jannah Adnan, Tan Jia Qi, Norasiah Sulaiman, Muhammad Taquiuddin Zakaria, Nurul 'Amalina Md Nor, Askury Abd Kadir, Abdul Ghani Rafek, Ailie Sofyiana Serasa, Lee Khai Ern & Goh Thian Lai Geomechanics characterization and influence of surface roughness on stability of granitic boulders in Kampar, Perak.
P44	Muhammad Said Harfiandri*, Ridho Pranata, Ugi Kurnia Gusti, Idarwati & Yogie Zulkurnia Rochmana Reservoir analogue of legendary Talang Akar formation, South Sumatra basin, Indonesia: Implication to carbon capture storage.
P45	Nuriffa Syahira Mohd Najib*, Ahmad Farid Abu Bakar, Noer El Hidayah Ismail & Chin Yik Lin Influence of pH and salinity on metal mobility in clay and peat soil: A column leaching approach.
P46	Ahmad Fauzan Yusoff, Hijaz Kamal Hasnan, Muhammad Hatta Roselee, Khairul Azlan Mustapha, Azman Abdul Ghani & Faradiella Mohd Kusin Pre-carbonation analysis of Kuantan basalt, Pahang, Malaysia: Insights from mineralogical studies.
P47	Nur Amal Rumaisha Ek Noorza, Elvaene James*, Muhamad Qarin Johari, Nurul Syafiah Mat Jusof & Hafzan Eva Mansor The petrography and general geology of Kampung Durian Badak, Dabong, Kelantan.
P48	Nurul Syafiah Mat Jusof, Elvaene James*, Muhamad Qarin Johari & Nur Amal Rumaisha Ek Noorza The petrography and general geology of Kampung Kemubu, Dabong, Kelantan.
P49	Muhamad Qarin Johari, Elvaene James*, Nurul Syafiah Mat Jusof & Nur Amal Rumaisha Ek Noorza The geology and petrography of igneous rocks in Kampung Biak, Dabong, Kelantan.
P55	Siti Nurassila Anang*, Hafzan Eva Mansor, Kamal Roslan Mohamed, Mohammad Muqtada Ali Khan, Elvaene James & Mayzatul Sofiyah Mad Yusof Geotourism potential evaluation of Lata Turbo, Jeli, Kelantan using M-GAM method.
P56	Mohammad Syahmi A Rahim Musly* & Meor Hakif Amir Hassan Facies analysis of the Kayan formation, Tembawang area, Sarawak.
P57	Azaleya Nurfatin Najwa A Karim* & Meor Hakif Amir Hassan Facies analysis of the Kayan formation in the Lundu-Matang area, Sarawak.
P58	Lim Tze Tshen*, Amir Hakim Amiruddin & Ros Fatihah Muhammad Description of a re-discovered elephant fossil from Perlis, and a critical review of palaeoloxodon evidence in Peninsular Malaysia and Borneo.
P63	Muhammad Afiq Ariff Hellmy*, Fikrul Yusof, Qais Mat Saad, Nor Jannah Ali Kutty & Ros Fatihah Muhammad Karst cliff stability analysis at Batu Caves, Selangor: Utilizing Terrestrial Laser Scanning (TLS) techniques.
P65	Nur Aisyah Mohd Norhusairi* & Meor Hakif Amir Hassan General geology of Kampong Paloh road (km 6.5-7), Kelantan with emphasis on sedimentology.
P67	Liew Mon Long Seismic interpretation and structural analysis of Maari field using enhanced machine learning techniques.
P70	Nurul Afiqah Mohammad Zahir* & Lin Chin Yik Metals mobility in coastal peatland environment, south Selangor, Malaysia.
P73	Elanni Md Affandi A geospatial approach towards disaster resilience and strategic development planning in Kuala Lumpur.
P79	Mohammad Aiman Syafeeq Azly* & Nurul Afifah Mohd Radzir Crocker formation potential as hydrocarbon reservoir.

P80	Muhd Fauzi Azmi* & Nurul Afifah Mohd Radzir Outcrop analogues potential as hydrocarbon reservoirs: Semantan formation case study (middle to late triassic, central belt of Peninsular Malaysia).
P81	Yang Zhengrui* & Nurul Afifah Mohd Radzir Geochemical characteristics of coal-measure source rock, arang bed, tertiary basin, Peninsular Malaysia.
P83	Muhammad Amiruddin Amran*, Azman A. Ghani, Muhammad Hatta Roselee & Muhammad Afiq MD Ali New insights into the structural framework of the Kenny Hill formation, western Peninsular Malaysia.
P84	Nur Syahirah Rosmadi*, Nursufiah Sulaiman, Noorzamzarina Sulaiman & Junaidi Asis Late oligocene to early miocene calcareous nannofossil assemblages of temburong formation in Batu Luang, Klias Peninsula, Sabah.
P88	Ery Arifullah*, Yahdi Zaim, Aswan & Djuhaeni Ichnofossil records and paleoecological frameworks: a case study from the Kutai Basin, Indonesia.
P90	Abdul Hadi Abd Rahman*, Yasir Said, Zainey Konjing, Shakir Shahrudin & Mohd Shaufi Sokiman A river-dominated, tide-influenced delta plain succession, Kayan formation (uppermost cretaceous to lower eocene Kayan), Lundu, Sarawak.
P96	Leong Mun Cong, Lee Choon Weng, Leo Bey Fen, Meor Hakif Amir Hassan, Ismail Yusoff & Lin Chin Yik The use of 4'6-diamino-2'phenylindole (DAPI) and Propidium Iodide (PI) epifluorescence approach for cell quantification in biogeochemical incubation experiment.
P97	Harry Linang*, Tim Greenfield, Simone Pilia, Nick Rawlinson & Sri Widiyantoro Seismic structure of sulawesi: Crustal thickness model from receiver function analysis.
P98	Shereen Farisha Azlan Shah, Khairul Azlan Mustapha*, Fatin Nur Adilah Md Idris, Supat Napanoparatkaew & Marahizal Malihan Preliminary source rock evaluation of miocene sedimentary succession in the northern north malay basin.
P100	Ida Bagus Suananda Yogi*, Maman Hermana & Hassan Soleimani 1D controlled-source electromagnetic resolution enhancement using seismic joint conjugate gradient inversion algorithm.
P107	Siti Aida Nasuha Binti Mahmud Fauzi, Arindam Chakraborty & Lin Chin Yik Microplastics in the marine environment of penang island: implications for human health.
P108	Nopporn Khongphakdee*, Arindam Chakraborty & Meor Hakif Amir Hassan Evaluation of microplastics in beach sediments along the west coast of Peninsular Malaysia.
P110	Muhammad Fayyadh*, Arindam Chakraborty & Meor Hakif Amir Hassan Microplastic as vectors of heavy metal contamination in mangrove sediments of western Peninsular Malaysia.
P112	Muhammad Zaim Azraf Mohamed Saidi*, Arindam Chakraborty & Amit K Ghosh Eocene-oligocene diatom biostratigraphy and paleoclimatic condition from site U1553, IODP expedition 378, Southwest Pacific Ocean.

Post-Conference Field Trips:

NGC 2024

Post Conference Field Trip
“Introduction to Karst”
 NGC 2024

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Bukit Takun

Join Us
 on
3rd October 2024

Only limited to 20 paxs

Organised by Karst Working Group,
 Geological Society of Malaysia
 Facilitated by Dr Ros Fatimah Muhammad

RM70*/pax (Registration deadline: 15.09.2024)

*Includes light snacks, helmet, raincoat and guide service
 *This field consists of a total ~1 km easy to moderate hiking to and along the base of the karst hill

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More Info

geologicalsociety@gmail.com

03-79577036 (Monday to Friday, 10 am - 5 pm)

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Post-Conference Field Trips:

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POST-CONFERENCE FIELDTRIP "INTRODUCTION TO KARST"

3 OCTOBER 2024 BUKIT TAKUN

8.00 am	Gather in hotel lobby @ Wyndham Grand Bangsar, Kuala Lumpur and registration
8.15 am	Depart from Wyndham Grand Bangsar to the field (Transportation provided)
9.00 am	Arrive and park at the guardhouse. Briefing will be given
9.15 am	Start hiking at Bukit Takun foothill
9.45 am	Arrive at the first stop and move along the foothill towards the west
11.00 am	Rest, light snacks
12.00 pm	Arrive at the Quaternary fossil site
1.00 pm	Hiking to return to the guardhouse
2.00 pm	Drive to a stop for lunch and prayer (TBC)
3.30 pm	Return to Wyndham Grand Bangsar
4.00 pm	Arrive at the Wyndham Grand Bangsar. End of field trip

INFO
03-7957 7036

<https://umevent.um.edu.my/NGC2024>