



XVII GEOSEA 2022

LANGKAWI MALAYSIA

- 17th REGIONAL GEOSCIENCE CONGRESS OF SOUTHEAST ASIA
- 34th NATIONAL GEOSCIENCE CONFERENCE
- SUSTAINABLE EARTH RESOURCES ENGINEERING (SERIES 2022)
- REGIONAL COURSE ON UNESCO GLOBAL GEOPARK

17 - 21 OCTOBER 2022 | BAYVIEW HOTEL LANGKAWI
ADVANCE GEOSCIENCE ADVANCE ASEAN

FINAL CIRCULAR

Partners:



Collaborators:



Sponsors:



<https://geosocmalaysia.org/geosea2022/>

Introduction

The 17th Regional Geoscience Congress of Southeast Asia (XVII GEOSEA2022 or GEOSEA2022) in conjunction with the 34th National Geoscience Conference, is jointly organized by the Geological Society of Malaysia (GSM), Department of Mineral and Geoscience Malaysia (JMG) and Institute of Geology Malaysia (IGM), with the collaboration of local universities. The Patron of the Congress is the Honorable Datuk Seri Takiyuddin Hassan, Minister of Energy and Natural Resources.

The organization of this GEOSEA2022 congress is in line with the need to understand, know and research various aspects and dimensions of issue related to geoscience and geotechnology in the Southeast Asian region. The aspects of geoscience and geotechnology cover four dimensions namely:

- Knowledge of the earth system and the processes involved
- The use of technology in improving the quality of life
- Use and management of the earth's natural resources as well
- The utilization of technology in the development of geoscience knowledge that creates creative and innovative solutions towards current environmental issues. Science and technology-related management that encompasses these four dimensions have an impact on society, especially in the economic, environmental, health and safety aspects.

Along with these developments and challenges, GSM and IGM as organizations that support the development and practice of geoscience and the ASEAN Federation of Geoscience Organization (AFGeO) will once again organize GEOSEA 2022 together with the 34th National Geoscience Conference (NGC 2022). For this year the conference will open to a wider range of participation in terms of the scope of presentation, area of expertise as well as the number of participants from various relevant departments and institutions throughout the Southeast Asian region.

The GEOSEA 2022 conference aims to be a platform for researchers to establish research relationship, discuss and share information on earth resource and environmental issues, present and discuss research information to the public, explore new ideas and discuss development issues and topics. It covers various areas related to natural resources, the use of science and technology in sustainable development as well as issues of earth resource management and the environment covering the processes involved, feedback from the environment and the use of various approaches and technologies to study changes on earth and environment as well as the impacts occurring in the Southeast Asia region.





Official Opening Ceremony



The Honorable Datuk Seri Takiyuddin Hassan

Minister of Energy and Natural Resources

Distinguished Keynote Speakers



Prof. Emeritus Dato' Dr. Ibrahim Komoo

**Debris Flow Disaster in Malaysia:
Public Understanding and Policy
Intervention**

Prof. Emeritus Dato' Dr. Ibrahim Komoo is Principal Fellow of Institute for Environment and Development, Universiti Kebangsaan Malaysia (UKM). He graduated from UKM in 1976 and obtained his PhD from Strathclyde University, Glasgow in 1979. He has held various management positions in UKM such as Head, Department of Geology; Director, Institute for Environment and Development (1998-2000; 2001-2005); Deputy Vice Chancellor (Research and Innovation: 2005 - 2008); Founder Director/ Chair of Southeast Asia Disaster Prevention Research Institute (2008-2012; 2015-2016); Special Advisor to Minister of Higher Education, Malaysia (2011-2013); Vice Chancellor of Universiti Malaysia Terengganu (2012-2015); Chair of Langkawi Research Centre (2017) and Professorial Chair, Iskandar Malaysia @UTM (2017-2019).

His fields of specialization include Engineering Geology (landslide; geohazards management); Environmental Geology (geoheritage conservation; geotourism; geopark); and Sustainability Science (environmental sustainability; regional sustainable development). He has published more than 55 books and 350 scientific papers; numerous articles for public awareness in magazines and newspapers. He has served as Vice President, International Association for Engineering Geology (IAEG: 1998-2003); Coordinator, Asia Pacific Geoparks Network (APGN: 2007-2017); Vice Chair, UNESCO Global Geoparks Council; President, Geological Society of Malaysia (1998-2000); Vice President, Institute of Geology Malaysia (2000-2001); Council Member, Academy of Sciences Malaysia (2010-2012), Head of Natural Resources and Environment Cluster of the National Council of Professors and Chairperson, National Geopark Implementation Committee (2017-2021).

Currently, he is the Vice President, Global Geoparks Network Association (GGN); Expert/ Evaluator, UNESCO Global Geoparks; Vice Coordinator, Asia Pacific Geoparks Network (APGN); and Advisor of Langkawi UNESCO Global Geopark; Professorial Chair, Iskandar Malaysia @ Universiti Teknologi Malaysia; and Chairman, National Heritage Council, Malaysia.



Prof. Dato' Dr. Husaini Omar

**Geoscientists: Opportunities and
Challenges in Malaysia**

Prof. Dato' Dr. Husaini Omar is a Malaysian academic, geologist, researcher, engineer and the Director-General of Higher Education since 1 February 2021. He graduated with a Bachelor of Science Degree with Honors (Geology) from the University of Malaya (UM) in 1988 and a Master's Degree in Geological Engineering from the University of Leeds, United Kingdom in 1994. He subsequently obtained a Doctor of Engineering (System Engineering) from Universiti Putra Malaysia (UPM) in 2002.

He has eight years of industrial experience as a geological engineer before starting his career as a lecturer at the Faculty of Engineering at Universiti Putra Malaysia (UPM) in 1996. He was appointed as the Deputy Vice Chancellor (Research and Innovation) of UPM in 15 February 2017 before taking up the position of Vice-Chancellor of Universiti Malaysia Kelantan (UMK) on 1 January 2018 until 6 January 2019. He then served as the Chief Executive Officer of the Malaysian Qualifications Agency (MQA) from 1 June 2020 until 31 January 2021.

Prof. Dato' Dr. Husaini has published more than 200 publications in the form of journals, proceedings, books, and technical reports as a result of the research conducted. He has also supervised more than 20 postgraduate students and some of his research results have been patented in Malaysia and the United States.

Keynote Speakers



Dato' Ir. Ts. Dr. Badhrulhisham Abdul Aziz

Sustainable Critical Minerals Industry through Responsible Mining and Processing

Prof. Dato' Ir. Ts. Dr. Badhrulhisham is a Principal Consulting Fellow at Universiti Malaysia Pahang. He graduated with B.Sc. (Chemical Engineering) from Colorado State University, USA in 1986 and obtained his MSc from University of Wales (Swansea), U.K. in 1988 and Dr. Eng. (Chemical Engineering) from Kyoto University, Japan in 1994. He has held various management positions in various universities in Malaysia such as Universiti Teknologi Malaysia (Head of Chem. Eng. Dept.1995); Dean, Faculty of Chemical and Natural Resources Engineering, KUKTEM (2004); Deputy Vice Chancellor (Research and Innovation), Universiti Malaysia Pahang, UMP (2005); Senior Professor and Director, Centre of Corporate Development and Quality Management, UMP (2009); Deputy Vice Chancellor (Academic & International) UMP (2010); Senior Profesor and Dean, Faculty of Bioengineering and Technology, Universiti Malaysia Kelantan (UMK) (2017); Principal Consulting Fellow, UMP (2022) and many other positions throughout his career.

His fields of specialization include Process System Engineering focussing in Design and Operation of Batch Specialty Chemical Processes/Plants, Modeling and Simulation of Novel Chemical Processes, Modeling and Simulation of Dust Explosion, Plant Design and Operation of Rare Earth Separation and Refining Processes, Gold Processing: Alternative Environmental-friendly Solvent in Gold Extraction as well as responsible mining. He has published 14 books and more than 150 scientific papers in many reputable journals.



Prof. Dr. Azman Abdul Ghani

Granite from Peninsular Malaysia: Geochemistry, Geochronology and Tectonic Setting

Prof. Dr. Azman A. Ghani is a Professor in Department of Geology, Faculty of Science, University of Malaya. He graduated with a Bachelor of Science Degree with Honors (Geology) from the University of Malaya (UM) in 1992 and obtained his PhD from the Liverpool University, Liverpool, UK (1996). He was appointed as Head of Department of Geology, UM from 2016-2018 & 2007-2009. He joined Editorial Board Warta Geology GSM from 2010 to 2022. Prof. Dr. Azman has published more than 100 publications in WOS & SCOPUS index journals. He has also supervised more than 15 postgraduate students throughout his career. His research mainly focuses about granite from South East Asia, REE in granite and granitic soils as well as volcanism in Peninsular Malaysia and Sumatera, Indonesia.



Prof. Dr. Karl Stattegger

Sunda Shelf - Sundaland

Professor Dr. Karl Stattegger is a Full professor in Institute of Geology, Adam Mickiewicz University, Poland. He graduated from University of Graz, Austria in 1973 and obtained his PhD in Geology and Paleontology in 1977. He has joined 23 research cruises and received 28 research grants (from DFG, BMBF, EU, VW-Foundation, oil companies, DAAD, CAPES, Polish Academy of Sciences). He holds UNESCO Chair at Kiel University Marine Geology and Coastal Management (2013-2017) and Member of the research unit Geohazards at Adam Mickiewicz University since 2019. Professor Dr. Karl Stattegger has published more than 157 publications in many reputable journals.



Prof. Dr. Joy Jacqueline Pereira

Climate Change and Disaster Risk Reduction in Southeast Asia: Obligations of Geoscience

Professor Dr. Joy Jacqueline Pereira is a Principal Research Fellow at Universiti Kebangsaan Malaysia's Southeast Asia Disaster Prevention Research Initiative (SEADPRI-UKM) and Fellow of the Academy of Sciences Malaysia. She obtained her PhD from University of Malaya in 1996, Master of Science from University of Leicester in 1991 and Bachelor of Science with Honours from Universiti Kebangsaan Malaysia in 1989, specialising in the field of geoscience. Professor Pereira is Vice-Chair of the Intergovernmental Panel on Climate Change (IPCC) Working Group 2 on Impacts, Adaptation and Vulnerability. She was Coordinating Lead Author for the Asia Chapter of the IPCC Fifth Assessment Report released in March 2014; Review Editor for the 2012 IPCC Special Report on Managing the Risks of Extreme Events and Disasters to Advance Climate Change Adaptation (IPCC-SREX); and Lead Author for the IPCC-AR5 Synthesis Report. Prof. Pereira is also a Member of the United Nations Office for Disaster Risk Reduction (UNDRR) Asia-Pacific Science and Technology Advisory Group (AP-STAG). She has graduated about 40 doctoral and masters candidates through research supervision and published over 200 peer reviewed articles.



Keynote Speakers



Assoc. Prof. Dr. Shohei Matsuura

Reducing Geological Hazard Risk: Lessons in Transdisciplinary Approach (TDA) from Japan

Assoc. Prof. Dr Shohei Matsuura is an Expert and Associate Professor, Disaster Preparedness and Prevention Center (DPPC), Malaysia-Japan International Institute of Technology (MJIT), Universiti Teknologi Malaysia (UTM). He obtained his Doctor of Global Environmental Studies (Disaster Risk Reduction) from Kyoto University in 2015 and Master of Arts (Environment and Development) with Merit from University of London – Kings College in 2006. He graduated from International Christian University (Liberal Arts) in 1996. He has assisted formulation for DRR research project of Japan-ASEAN Science and Technology Innovation Platform (JASTIP) with Disaster Prevention Research Institute (DPRI) of Kyoto University and JICA Partnership Program with International Research Institute for Disaster Science (IREDeS) of Tohoku University.



Dr. Loke Meng Heng

New Developments in the Resistivity Method for Geological Mapping

Dr. Loke Meng Heng is a Director of Geotomo Software Sdn. Bhd, a software company producing 2-D, 3-D and 4-D inversion software for ERT (Electrical Resistivity Tomography). His field of specialisation is Exploration Geophysics (Geoelectrical Methods). He graduated from Universiti Sains Malaysia in 1979 and obtained his MSc in 1982. He obtained his PhD from The University of Birmingham (U.K.) in 1994. He was appointed as a lecturer in Universiti Sains Malaysia from 1984-1998, Assoc. Prof. from 1998-2007 and as an Adjunct Prof. in Universiti Teknologi Petronas in 2011. His research interests are in fast 2-D and 3-D inversion methods for geoelectrical data, optimization of electrode arrays for 2-D and 3-D surveys, time-lapse inversion techniques, applications of fast numerical methods and parallel programming techniques in geophysical modelling. He published more than 60 publications in reputable Journals.

INFORMATION TO THE PARTICIPANTS

Dear Participants,

Thank you for your interest to join the 17th GEOSEA Regional Congress & 34th National Geoscience Conference at Bayview Hotel, Langkawi.

REGISTRATION: The Congress Reception Desk will be situated in front of Grand Ballroom Bayview Hotel, Langkawi. Confirmation of your presentation on the final schedule is contingent upon receipt of the presenting author's registration and full payment of fees.

TRANSPORTATION: We provide free shuttle service from airport LGK to Bayview Hotel from 16th to 17th October. Find us at departure gate **GEOSEA2022 SHUTTLE**.

ORAL PRESENTATIONS.

- GEOSEA Participants: Oral presentations last **20 minutes** including question and answer.
- SERiES2022 Participants: Oral presentation is **10 minutes**. The question and answer session will be held at the end of the session.
- It is recommended to copy your presentation on the desktop of the computer in your session room in advance, at least 10 minutes before the whole session starts.
- All the rooms have a computer. We recommended that you bring your presentation as a PDF (or Power Point) file on a memory stick. There will be technical assistants who will help you if necessary.

POSTER SESSION.

Poster session will take place on Tuesday 18 October, overlapping with the afternoon coffee break (3.30 to 4.00PM) and Thursday 20 October, during morning coffee break (10.00 to 10.30AM).

All Posters should follow the template given together with the invitation letter previously. Presenters can bring and pin their posters at least 30 minutes before sessions begin.

Don't forget to join Mid-Congress Field Excursion at Langkawi Island on 19 October 2022 (2.00 to 6.00PM). Pre- Congress (17 October) and Post- Congress (21 October) field excursion are still open for registration.

See you in Langkawi this coming October.

CONGRESS ITINERARY

TIME	DATE																				
	17 th Oct	18 th Oct				19 th Oct		20 th Oct				21 st Oct									
8.00	Pre Congress Field Excursion	Registration – On site																			
		Presidential Address, President GSM KETSAs Minister Speech				Keynote Speaker 5: Dato' IR. TS. Dr. Badhrulhisham Bin Abdul Aziz		Parallel Session 4 (R2)	Parallel Session 5 (R3)	Parallel Session 6 (GB)	SERIES (R1)	Post Congress Field Excursion									
9.00		Distinguished Keynote Speaker 1: Prof Emeritus Dato' Dr. Ibrahim Komoo				Keynote Speaker 6: Prof Dr. Karl Stattegger															
		Distinguished Keynote Speaker 2: Prof Dato' Dr. Husaini Omar				AFGEO Country Report (Philippines)															
10.00		TEA/COFFEE BREAK						TEA/COFFEE BREAK POSTER PRESENTATION & COMPETITION													
		Keynote Speaker 1: Prof Dr. Joy Jacqueline Pereira				AFGEO Country Report (Indonesia)		SERIES (R1)	Depositional Basins, Tectonic History & Magmatism	Engineering Geology & Geotechnology	Quaternary & Marine Geology										
11.00		Keynote Speaker 2: Prof Dr. Azman Abdul Ghani				AFGEO Country Report (Myanmar)															
		Keynote Speaker 3: Dr. Loke Meng Heng				AFGEO Country Report (Thailand)															
12.00		Keynote Speaker 4: Assoc. Prof Dr. Shohei Matsuura				AFGEO Country Report (Vietnam)															
						AFGEO Country Report (Malaysia)															
13.00		LUNCH																			
14.00		Parallel Session 1 (R2)				Parallel Session 2 (R3)				Parallel Session 3 (GB)				SERIES (R1)							
15.00						Mid Congress Field Excursion		Parallel Session 7 (R2)					Parallel Session 8 (R3)				Parallel Session 9 (GB)				SERIES (R1)
		TEA/COFFEE BREAK POSTER PRESENTATION & COMPETITION						TEA/COFFEE BREAK													
16.00		Environmental Geology & Climate Change		Geohazards & Disaster Risk Reduction (DRR)				Petroleum Geology, Oil & Gas Exploration		SERIES			Hydrogeology & Earth Water Resources		Geoheritage & Geotourism		Geophysics & Machine Learning in Geology		SERIES		
17.00																					
18.00		ICE BREAKER SESSION (GB)						FREE TIME						CLOSING CEREMONY & PRIZE PRESENTATION (GB)							
19.00																					

IMPORTANT DATE

- ~~1st Circular, opening of registration and abstracts submission: 15 June 2022~~
- ~~Deadline for early bird registration and abstracts submission: 31 July 2022~~
- ~~Notification on acceptance of abstracts: 15 August 2022~~
- NGC & GEOSEA 2022 Congress sessions: 18 - 20 October 2022
- Congress field excursions:
 - 17th October 2022 (Pre-Congress)
 - 21st October 2022 (Post-Congress)
- Workshop: 21 October 2022

GEOSEA XVII

LIST OF ORAL PARTICIPANTS

PARALLEL SESSION 1 (18 OCTOBER 2022, 2.00 – 6.00 PM) ENVIRONMENTAL GEOLOGY & CLIMATE CHANGE		
ID	NAME	TITLE
GEOSEA 1-1	NURAINI RAHMA HANIFA	PARTICIPATORY MAPPING FOR RAPID IMPACT ASSESSMENT FOLLOWING GEOLOGICAL DISASTER: LESSON LEARNT FROM INDONESIAN CASE STUDIES
GEOSEA 1-2	RABIEAHTUL ABU BAKAR	DISASTER IS NOT NATURAL: HOW DO WE BUILD SOCIETAL RESILIENCE?
GEOSEA 1-3	ASKURY ABD KADIR	SOIL CANCER: THEIR TROUBLES AND MITIGATIONS
GEOSEA 1-4	NAVAKANESH M BATMANATHAN	IMPACT OF VERTICAL LAND MOTION ON THE COASTAL REGION OF SELANGOR
GEOSEA 1-5	MOHD SHAFAR JEFRI BIN MOKHATAR	POTENTIAL OF BASALT DUST IN MALAYSIA AS A NEW SOURCE OF FERTILIZER
GEOSEA 1-6	LIN CHIN YIK	CHARACTERIZING PEAT SOILS AND POREWATER GEOCHEMISTRY OF NATURAL AND DRAINED PEATLAND IN SOUTH KUALA LANGAT PEAT SWAMP FOREST, SELANGOR
GEOSEA 1-7	JAYEOLA, A.O	GEOCHEMICAL SURVEY AND ENVIRONMENTAL IMPLICATIONS OF MAJOR AND TRACE ELEMENTS IN SOIL SAMPLES FROM OKEMESI AREA, SOUTHWESTERN NIGERIA
GEOSEA 1-8	NIK AMIRUL EIZZAT NIK KAMARUDDIN	INTEGRATION OF GEOLOGICAL MAPPING AND SUBSURFACE INVESTIGATION IN EXPLORATION OF SILICA ROCK RESOURCES IN LOJING, GUA MUSANG
GEOSEA 1-9	MUHAMMAD AFIQ AFANDI ABDUL AZIZ	DETERMINATION OF ION EXCHANGE PHASE OF RARE EARTH ELEMENT AND SUBSEQUENT EXTRACTION OF RARE EARTH ELEMENT FROM LOCAL ION ADSORPTION CLAY
GEOSEA 1-10	AHMAD ZULHILMY AHMAD YUSRI	INTEGRATION OF SURFACE AND SUBSURFACE GEOLOGICAL INPUT FOR POTENTIAL GEOHAZARD ZONATION MAPPING FOR URBAN PLANNING IN EX-COAL MINING AREA

GEOSEA XVII

LIST OF ORAL PARTICIPANTS

PARALLEL SESSION 2
(18 OCTOBER 2022, 2.00 – 6.00 PM)
GEOHAZARDS & DISASTER RISK REDUCTION (DRR)

ID	NAME	TITLE
GEOSEA 2-1	MOHAMAD BIN ABD MANAP	LANDSLIDE SUSCEPTIBILITY MAP PRODUCED BY WEIGHTED LINEAR COMBINATION METHODS: A CASE STUDY AT GUNUNG JERAI, KEDAH
GEOSEA 2-2	BAILON GOLUTIN	ACTIVE FAULT MONITORING OF SEISMICALLY ACTIVE REGION IN RANAU, SABAH, MALAYSIA
GEOSEA 2-3	HARYATI AWANG	CHARACTERISATION OF DEBRIS FLOW MATERIAL IN YAN, KEDAH
GEOSEA 2-4	JULIUS VINCENT P. UMALI	APPLICATION OF WEIGHT OF EVIDENCE ANALYSIS IN LANDSLIDE AND SUBSIDENCE SUSCEPTIBILITY MAPPING IN EL NIDO, PALAWAN AND DEL CARMEN AND GENERAL LUNA, SURIGAO DEL NORTE, PHILIPPINES
GEOSEA 2-5	NUR SYARIENNA RAZMI	A STUDY OF OLD DORMANT LANDSLIDE IN THE FRASER'S HILL AREA, PAHANG, MALAYSIA
GEOSEA 2-6	CHOONG CHEE-MENG	DEXTRAL MOVEMENT ALONG THE BENTONG-RAUB SUTURE ZONE IN THE LOJING - POS BETAU AREA
GEOSEA 2-7	DECIBEL V. FAUSTINO- ESLAVA	REFRAMING MODELS FOR RAINFALL-INDUCED LANDSLIDES IN THE FACE OF NON-ANALOG FUTURE CLIMATES IN THE PHILIPPINES
GEOSEA 2-8	UMMI NUR NASUHA ABDULLAH DIN	GIS-BASED APPROACH USING ANALYTICAL HIERARCHY PROCESS (AHP) FOR GEOHAZARD MAPPING OF RAUB DISTRICT, PAHANG
GEOSEA 2-9	NURUL ZAINAB BINTI ALONG	CONCEPTUAL FRAMEWORK FOR CREATING COMMUNITY AWARENESS ON GEOHAZARD EARLY WARNING SIGNS
GEOSEA 2-10	MOHAMAD FARUQ SYAHMI	GEOMORPHOLOGICAL MAPPING FOR LANDSLIDE RISK ASSESSMENT: CASE STUDY FROM AMPANG JAYA

GEOSEA XVII

LIST OF ORAL PARTICIPANTS

PARALLEL SESSION 3 (18 OCTOBER 2022, 2.00 – 6.00 PM) PETROLEUM GEOLOGY, OIL & GAS EXPLORATION		
ID	NAME	TITLE
GEOSEA 3-1	SAI NAING LIN AUNG	BIOMARKER CHARACTERISTICS OF CRUDE OILS FROM TWO DIFFERENT OIL FIELDS: APPLICATION TO SOURCE INPUT, AND DEPOSITIONAL PALEO-ENVIRONMENTS IN THE SALIN SUB-BASIN, MYANMAR
GEOSEA 3-2	MUHD NUR ISMAIL ABDUL RAHMAN	THE PALEOZOIC DEPOSITIONAL SYSTEM AND HYDROCARBON FRACTURED RESERVOIR CHARACTERISTICS FROM THE OUTCROP ANALOGUE AROUND TERENGGANU COASTAL AREA, TERENGGANU, MALAYSIA
GEOSEA 3-3	MYO MYINT	GYSAPNADI DELTA: MORPHOTECTONIC IMPLICATION AND EVOLUTION - EXAMPLE FROM NORTHERN RAKHINE (ARAKAN) COAST, WESTERN MYANMAR
GEOSEA 3-4	W NUR SAFAWATI BT W MOHD ZAINUDIN	NMR CHARACTERIZATION ON THE PETROPHYSICAL PROPERTIES OF DEEP SILICICLASTIC RESERVOIRS: SARAWAK BASIN, MALAYSIA
GEOSEA 3-5	SITI NUR FATHIYAH JAMALUDIN	RE-LOOK INTO TOTAL & TECTONIC SUBSIDENCE FOR OFFSHORE KUDAT, NW SABAH, MALAYSIA
GEOSEA 3-6	SITI NUR FATHIYAH JAMALUDIN	CHARACTERIZATION OF GAS HYDRATE IN FOLD THRUST BELT (FTB) OF NORTHWEST SABAH
GEOSEA 3-7	NUR FAIQAH HISHAM	SEDIMENTOLOGY AND PALAEODEPOSITIONAL ENVIRONMENT OF THE EARLY-MIDDLE MIOCENE OF THE TANJONG FORMATION, SOUTHEAST SABAH: ORGANIC GEOCHEMISTRY AND PALYNOLOGY
GEOSEA 3-8	MUHAMMAD AQQID SAPARIN	GRAPTOLITE STUDIES AND ITS POTENTIAL FOR HYDROCARBON EXPLORATION IN MALAYSIA
GEOSEA 3-9	AHMAD ZAMZAMIE ISHAK	PALYNOLOGY OF THE LATE CENOZOIC SUCCESSION IN THE TEMANA FIELD, OFFSHORE SARAWAK
GEOSEA 3-10	ABDUL HALIM ABDUL LATIFF	SEISMIC CHANNEL FEATURES DETECTION USING CONVOLUTIONAL NEURAL NETWORK (CNN)

GEOSEA XVII

LIST OF ORAL PARTICIPANTS

PARALLEL SESSION 4

(20 OCTOBER 2022, 8.30AM – 1.00PM)

DEPOSITIONAL BASINS, TECTONIC HISTORY & MAGMATISM

ID	NAME	TITLE
GEOSEA 4-1	ALLAGU BALAGURU	REVIEW ON TECTONIC AND STRUCTURAL EVOLUTION OF SOUTH EAST ASIA: BASED ON SEISMIC STRATIGRAPHY AND PALEOMAGNETIC DATA
GEOSEA 4-2	AZMAN A GHANI	A-TYPE GRANITE FROM BESAR ISLAND GROUP JOHOR: NEW GRANITE TYPOLOGY OF PENINSULAR MALAYSIA AND TECTONIC IMPLICATION
GEOSEA 4-3	MYO MYINT	A NOTE ON PALEOICHOLOGICAL SIGNIFICANCES OF THE KATI FORMATION IN THE KINTA VALLEY, MALAYSIA
GEOSEA 4-4	MEOR HAKIF AMIR HASSAN	TIDALLY-INFLUENCED DEPOSITS IN THE CARBONIFEROUS BUKIT BUCHU BEDS, TERENGGANU, MALAYSIA
GEOSEA 4-5	LEDYHERNANDO TANIQU	GEOCHEMISTRY OF RARE EARTH ELEMENTS (REE) IN THE WEATHERED CRUSTS OF VOLCANIC ROCKS IN THE SERIAN AREA, SARAWAK, MALAYSIA
GEOSEA 4-6	ASKURY ABD KADIR	MAGNIFICENT OCCURRENCES OF JERAI'S PEGMATITE: MAGMATIC DIFFERENTIATION PERSPECTIVE
GEOSEA 4-7	MUHAMMAD ASLAM MD YUSOF	NATURAL FRACTURE SYSTEM IN GUNUNG KERIANG, ALOR SETAR, KEDAH
GEOSEA 4-8	NURUL 'AMALINA BINTI MD NOR	KARST AND CAVE GEOSITES IN KINTA VALLEY NATIONAL GEOPARK STIMULATES THE GEOLOGICAL-BASED TOURISM
GEOSEA 4-9	FREDERICK FRANCIS TATING	FORMATION OF ROCK DISCONTINUITIES IN WEATHERED SANDSTONE OF THE CROCKER FORMATION IN KOTA KINABALU AREA, SABAH
GEOSEA 4-10	MOHD ZAHAR IBRAHIM	ANALYSIS OF RARE EARTH ELEMENTS (REE) USING MICROWAVE DIGESTION SYSTEM, ETHOS UP AND INDUCTIVELY COUPLED PLASMA MASS SPECTROMETER (ICPMS), NEXION 2000

GEOSEA XVII

LIST OF ORAL PARTICIPANTS

PARALLEL SESSION 5
(20 OCTOBER 2022, 8.30AM – 1.00PM)
ENGINEERING GEOLOGY & GEOTECHNOLOGY

ID	NAME	TITLE
GEOSEA 5-1	ABDUL GHANI MD RAFEK	APPLICATION OF SLOPE MASS RATING (SMR) IN ROCK SLOPE STABILITY ASSESSMENT AND RANKING, KENYIR DAM, TERENGGANU, MALAYSIA
GEOSEA 5-2	JEREMY JAMES C. JIMENEZ	PETROGRAPHIC ASSESSMENT OF CONCRETE AGGREGATES USED IN METRO MANILA: REPRESENTING 100 YEARS OF THE PHILIPPINE CONSTRUCTION INDUSTRY
GEOSEA 5-3	ABDULL HALIM BIN ABDUL	DEVELOPMENT OF CPT GEOTECHNICAL PROPERTIES USING 2D SSPT GEOTECHNICAL MODELLING METHODS
GEOSEA 5-4	ISMAIL ABD RAHIM	DISCONTINUITY ADJUSTMENT FACTOR (F) OF MODIFIED SLOPE MASS RATING (M-SMR) FOR ROCK SLOPE ENGINEERING PURPOSES
GEOSEA 5-5	QALAM A'ZAD ROSLE	GEOLOGICAL HAZARD AND RISK OF SLOPE FAILURE IN URBAN DEVELOPMENT: A CASE STUDY IN KEMENSAH HEIGHTS, TAMAN MELAWATI, GOMBAK DISTRICT, SELANGOR DARUL EHSAN
GEOSEA 5-6	ABDUL KADIR AHMAD AKHRI	ENGINEERING GEOLOGICAL ASSESSMENT TO DETERMINE THE CAUSE OF CRACK IN BUILDING AT TAMAN KERAMAT PERMAI, SELANGOR DARUL EHSAN
GEOSEA 5-7	NOR NAJIHA NASRUDIN	PROBLEMATIC ROCK SLOPES IN COMPLEX GEOLOGICAL TERRAIN - PART 1: FIELD MAPPING AND ANALYSIS
GEOSEA 5-8	MUHAMMAD FARIS QUSYAIRI HAMAT	PROBLEMATIC ROCK SLOPES IN COMPLEX GEOLOGICAL TERRAIN - PART 2: DESIGN AND MITIGATION
GEOSEA 5-9	SH Aidatul Munirah Musa	URBAN GEOLOGY OF CITIES IN MALAYSIA: A PRIVATE INITIATIVE INTERNSHIP PROGRAMME
GEOSEA 5-10	NORSYAFIQAH SALIMUN	EFFECT OF PARTICLE SIZE DISTRIBUTION ON SHEAR STRENGTH OF RESIDUAL GRANITIC SOIL

GEOSEA XVII

LIST OF ORAL PARTICIPANTS

PARALLEL SESSION 6 (20 OCTOBER 2022, 8.30AM – 1.00PM) QUATERNARY AND MARINE GEOLOGY		
ID	NAME	TITLE
GEOSEA 6-1	ABDULLAH SULAIMAN	SEA LEVEL CHANGES IN THE STRAITS OF MALACCA FROM THE LATE PLEISTOCENE TO HOLOCENE: INTERPRETATION FROM THE SEDIMENT RECORDS
GEOSEA 6-2	HASRIZAL BIN SHAARI	SEABED MAPPING APPLICATION IN THE 1ST PHASE EXCAVATION OF THE BIDONG SHIPWRECK, MALAYSIA
GEOSEA 6-3	NORAN ALWAKHIR BIN SHAARANI	INTRODUCTION TO THE FIRST MALAYSIA SEABED SEDIMENT MAP OF MELAKA STRAIT
GEOSEA 6-4	HABIBAH JAMIL	MINERALOGY AND GEOCHEMISTRY OF QUATERNARY SEDIMENTS OF SOUTHWEST JOHOR, MALAYSIA
GEOSEA 6-5	NOR BAKHIAH BAHARIM	SALTWATER INTRUSION MECHANISM IN THE KUALA TERENGGANU RIVER
GEOSEA 6-6	NOR SHAHIDAH MOHD NAZER	FIELD IDENTIFICATION OF CLAY MINERALS BASED ON DESICCATED MORPHOLOGICAL PATTERNS
GEOSEA 6-7	SITI NURNAZURAH MD SHAHARUDIN	TIDAL EFFECTS ON THE SEAWATER INTRUSION ON THE WEST COAST OF PAPAR, SABAH
GEOSEA 6-8	MUHAMMAD NOOR AMIN ZAKARIAH	SUBSURFACE CHARACTERIZATION USING THE TRANSIENT ELECTROMAGNETIC METHOD IN PEKAN, PAHANG
GEOSEA 6-9	KHIN ZAW	TWO-STAGE METALLOGENIC MODEL OF SEDIMENT-HOSTED/OROGENIC GOLD DEPOSITS IN SIBUMASU TERRANE
GEOSEA 6-10	MUHAMAD FIRDAUS ABD MAJID	TRANSFORMING OLD MINE TO SUBSURFACE QUARRY: CASE STUDY IN KAMPAR, PERAK

GEOSEA XVII

LIST OF ORAL PARTICIPANTS

PARALLEL SESSION 7 (20 OCTOBER 2022, 2.00 – 6.00PM) HYDROGEOLOGY & WATER RESOURCES		
ID	NAME	TITLE
GEOSEA 7-1	MOHAMED ROUAI	SPOT IMAGES REMOTE SENSING STUDY OF THE FRACTURED AND KARSTIC TABULAR MIDDLE ATLAS AQUIFER (MOROCCO)
GEOSEA 7-2	MOHD KHAIRUL NIZAR SHAMSUDDIN	MODFLOW AND MIKE SHE FROM HYDROLOGY AND HYDROGEOLOGY ASPECTS : A CASE STUDY - KLANG RIVER BASIN
GEOSEA 7-3	MOHAMMAD MUQTADA ALI KHAN	IMPORTANCE OF SILICA GEOTHERMOMETRY IN GROUNDWATER STUDIES OF SHALLOW AQUIFERS IN KELANTAN, MALAYSIA
GEOSEA 7-4	ZUHAR ZAHIR TUAN HARITH	HOT SPRING DISTRIBUTION IN PENINSULAR MALAYSIA FROM GRAVITY DATA PROSPECTIVE
GEOSEA 7-5	ZUHAR ZAHIR TUAN HARITH	POTENTIAL OF HOT SPRING AS A SOURCE OF GEOTHERMAL POWER IN MALAYSIA
GEOSEA 7-6	MOHAMMAD NOOR AKMAL ANUAR	APPLICATION OF THERMAL AND ELECTRICAL RESISTIVITY TOMOGRAPHY WITH GEOCHEMISTRY METHODS IN HYDROGEOHERMAL EXPLORATION
GEOSEA 7-7	MUHAMAD BARZANI GASIM	THE OCCURRENCE OF SALINE INTRUSION IN GROUNDWATER USING ELECTRICAL RESISTIVITY AND ENVIRONMETRIC METHOD IN COASTAL PART OF TERENGGANU, MALAYSIA
GEOSEA 7-8	ISMAIL TAWNIE	MANAGING WATER RESOURCES IN LANGKAWI: THE VIABILITY OF UNDERGROUND STORAGE FOR DOMESTIC WATER SUPPLY
GEOSEA 7-9	ZAIDULKHAIR JASMI	HYDROSTRATIGRAPHIC UNDERSIMPLIFICATION IN STRUCTURAL MODEL CONCEPTUALIZATION TO BOOST CONFIDENCE INTERVAL IN SIMULATION AND ENVIRONMENTAL SUSTAINABILITY PERCEPTION
GEOSEA 7-10	MUHAMMAD FAWWAZ ZAINAL ABEDIN	HYDROGEOLOGICAL STUDY ON ALLUVIAL AQUIFER AND DETERMINATION OF SUITABILITY AREA FOR FLOOD-MANAGED AQUIFER RECHARGE (FLOOD-MAR) APPLICATIONS AT MALACCA RIVER BASIN

GEOSEA XVII

LIST OF ORAL PARTICIPANTS

PARALLEL SESSION 8 (20 OCTOBER 2022, 2.00 – 6.00PM) GEOHERITAGE AND GEOTOURISM		
ID	NAME	TITLE
GEOSEA 8-1	MOKHTAR SAIDIN	FUTURE AGENDA FOR GEOPARKS IN MALAYSIA
GEOSEA 8-2	MOHD SHAFEEA LEMAN	<i>KARSTINSELBERGE</i> OF THE PERLIS–KEDAH COASTAL PLAIN – THEIR GEOLOGICAL AND GEOHERITAGE SIGNIFICANCE
GEOSEA 8-3	KEVIN L. GARAS	GEOMORPHOLOGICAL ANALYSIS OF ISLAND KARST IN THE PHILIPPINES: IMPLICATIONS TO SUSTAINABLE TOURISM DEVELOPMENT AND SUBSIDENCE HAZARD ASSESSMENT
GEOSEA 8-4	TANOT UNJAH	SYSTEMATIC SCIENTIFIC IDENTIFICATION AND CLASSIFICATION OF POTENTIAL GEOSITE AT DISTRICT OF GOMBAK, SELANGOR MALAYSIA
GEOSEA 8-5	AZMAN A. GHANI	GRANITE MAGMATIC HISTORY OF TAIPING PLUTON IN LENGGONG AREA AND ITS CONTRIBUTION TO LENGGONG GEOPARK
GEOSEA 8-6	NICHOLE ANTHONY PACLE	SIARGAO ISLAND GROUP AS A POSSIBLE UNESCO GLOBAL GEOPARK FOR THE PHILIPPINES
GEOSEA 8-7	AZIMAH HUSSIN	PETROGRAPHY UNIQUENESS OF PREHISTORIC STONE TOOLS FROM GUA KAMBING AREA, GUNUNG PULAI, BALING
GEOSEA 8-8	HAFZAN EVA MANSOR	SIGNIFICANCE OF GEOLOGICAL EVOLUTION AND GEOHERITAGE OF THE ASPIRING STONG GEOPARK, KELANTAN, MALAYSIA
GEOSEA 8-9	MUHAMMAD YASEEN	REGIONAL SCALE GEODIVERSITY OF THE KARAKORAM HIGHWAY (KKH) AND PART OF CENTRAL KARAKORAM NATIONAL PARK (CKNP), NORTH PAKISTAN: CONSTRAINT FROM GEOLOGICAL ITINERARY, PETROLOGY AND GEOCONSERVATION
GEOSEA 8-10	AHMAD DANIEL RAZALI	GEOMORPHOLOGICAL AND CAVE MAPPING FOR DETAILED GEOSITE MAPPING

GEOSEA XVII

LIST OF ORAL PARTICIPANTS

PARALLEL SESSION 9 (20 OCTOBER 2022, 2.00 – 6.00PM) GEOPHYSICS AND MACHINE LEARNING IN GEOLOGY		
ID	NAME	TITLE
GEOSEA 9-1	YASIR BASHIR	MACHINE LEARNING APPLICATIONS FOR SEISMIC DIFFRACTION DETECTION AND PRESERVATION FOR HIGH-RESOLUTION SUBSURFACE IMAGING
GEOSEA 9-2	MOHD ROZI UMOR	GEOELECTRICAL RESISTIVITY INVESTIGATIONS (ERI) FOR SUBSURFACE PROFILING AND POTENTIAL FAILURE AREA: DETERMINATION AT THE SULTAN MAHMUD DAM, TASIK KENYIR, TERENGGANU, MALAYSIA
GEOSEA 9-3	ADEDIBU SUNNY AKINGBOYE & ANDY ANDERSON BERY	GEOPHYSICAL AND GEOSTATISTICAL EVALUATION OF RESIDUAL SOILS AND BEDROCK FLUID MIGRATION SYSTEMS IN A HIGHLY VARIED VELOCITY AND RESISTIVITY GRANITIC TERRAIN: PENANG ISLAND, PENINSULAR MALAYSIA
GEOSEA 9-4	MUHAMMAD SAFWAN ISHAK	APPLICATION OF GEOGRAPHIC INFORMATION SYSTEM FOR IRON ORE RESOURCES ESTIMATION
GEOSEA 9-5	MUHAMMAD NOOR AMIN ZAKARIAH	SUBSURFACE CHARACTERIZATION OF CENOZOIC SUNGAI MUDA BASIN, KEDAH USING TRANSIENT ELECTROMAGNETIC METHOD AND BOREHOLE DATA
GEOSEA 9-6	MUHAMMAD AFIQ ARIFF BIN MOHD HELLMY	LIMITATIONS OF TERRESTRIAL LASER SCANNING FOR ROCK MASS CHARACTERIZATION IN TROPICAL CLIMATE REGION
GEOSEA 9-7	MOHAMMAD NOOR AKMAL ANUAR	INTEGRATED SLOPE FAILURE ASSESMENT USING MULTICHANNEL ANALYSIS SURFACE WAVE (MASW) AND ELECTRICAL RESISTIVITY TOMOGRAPHY (ERT)
GEOSEA 9-8	WOO CHAW HONG	MAPPING SUBMARINE POWER CABLE IN EXTREMELY SHALLOW WATERS: A COMBINED UNMANNED AERIAL VEHICLE (UAV) AND BOAT SURVEY APPROACH
GEOSEA 9-9	HARYATI AWANG	EVALUATION ON ROCK SLOPE MAPPING USING TERRESTRIAL LASER SCANNING
GEOSEA 9-10	MUHAMAD SAFID SAAD	GEOPHYSICAL STUDY AT PULAU MANIS AND 3-D CONCEPT MODEL OVER AIRBORNE ANOMALIES IN THE ECER REGION

GEOSEA XVII POSTER SESSION

ID	PRESENTER	TITLE	THEME
POSTER 1-1	SHEILA ROZALIA ABDUL RASHID	GEOCHEMICAL, MINERALOGICAL AND PETROGRAPHICAL DIFFERENCES BETWEEN SERPENTINITE LENS SITUATED INSIDE AND OUTSIDE OF BENTONG-RAUB SUTURE ZONE	DEPOSITIONAL BASINS, TECTONIC HISTORY & MAGMATISM
POSTER 1-2	HIKMAT SALAM	DEVELOPMENT OF TETHYAN OPHIOLITES AND MÉLANGE COMPLEXES ALONG THE INDIA & AFGHAN CONTINENTAL SUTURE: A CASE STUDY FROM NORTHWEST PAKISTAN	DEPOSITIONAL BASINS, TECTONIC HISTORY & MAGMATISM
POSTER 1-3	MIKLÓS KÁZMÉR	HYPOGENIC KARST IN PENINSULAR MALAYSIA	GEOHERITAGE AND GEOTOURISM
POSTER 1-4	JOHN OLUWADAMILOL A OLU TOKI	A COMPARATIVE STUDY ON ARTIFICIAL INTELLIGENCE-BASED APPROACHES FOR RESERVOIR FACIES CLASSIFICATION: A CASE STUDY OF THE MCKEE FORMATION, ONSHORE TARANAKI BASIN, NEW ZEALAND	PETROLEUM GEOLOGY, OIL & GAS EXPLORATION
POSTER 1-5	ABDUL HADI ABD RAHMAN	THE PEDAWAN FORMATION (JURASSIC-CRETACEOUS) OF THE KUCHING AREA, KUCHING, SARAWAK: FACIES ASSOCIATIONS, DEPOSITIONAL FRAMEWORK AND REGIONAL SIGNIFICANCE	DEPOSITIONAL BASINS, TECTONIC HISTORY & MAGMATISM
POSTER 1-6	MUHAMMAD HATTA ROSELEE	PETROLOGY AND GEOCHEMISTRY OF RHYOLITE AT SOUTHERN PART OF ULU SOKOR GOLD DEPOSIT, KELANTAN, MALAYSIA	DEPOSITIONAL BASINS, TECTONIC HISTORY & MAGMATISM
POSTER 1-7	MOHAMAD FATIHI BIN ABDUL PATAH	RARE EARTH ELEMENT (REE) IN VARIOUS MINERAL ASSEMBLAGES IN KELANTAN'S GRANITOID ROCKS	DEPOSITIONAL BASINS, TECTONIC HISTORY & MAGMATISM
POSTER 1-8	NORSYAFIQAH SALIMUN	STRUCTURAL ANALYSIS AND ROCK MASS CHARACTERIZATION OF KEMASIK, TERENGGANU	ENGINEERING GEOLOGY & GEOTECHNOLOGY
POSTER 1-9	JESSIE SAMANIEGO	POLLUTION ASSESSMENT OF POTENTIALLY TOXIC ELEMENTS IN MARINE SEDIMENTS OF HONDA BAY, PALAWAN, PHILIPPINES	ENVIRONMENTAL GEOLOGY & CLIMATE CHANGE
POSTER 1-10	CHUANQI LI	IDENTIFICATION OF RIVER CONTAMINANT SOURCES USING A CELLULAR AUTOMATA MODEL AND BAYESIAN MCMC METHOD	ENVIRONMENTAL GEOLOGY & CLIMATE CHANGE

GEOSEA XVII POSTER SESSION

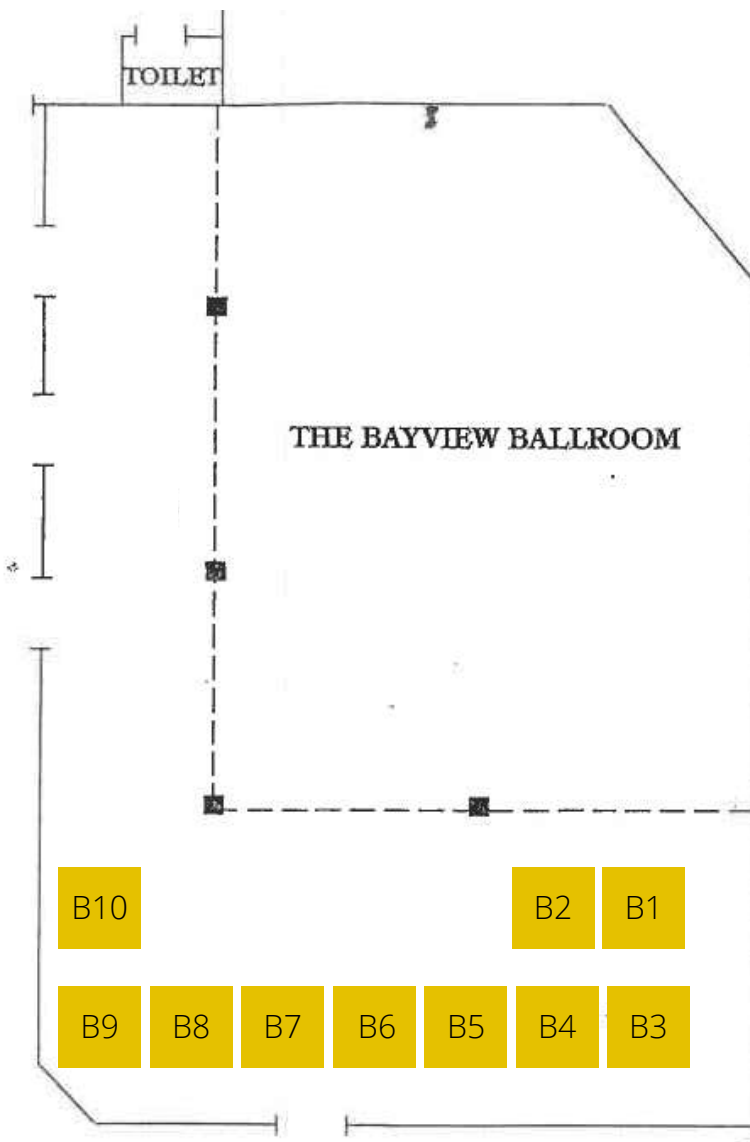
ID	PRESENTER	TITLE	THEME
POSTER 1-11	RICO NEIL QUIERREZ	VERTICAL DISTRIBUTION OF POTENTIALLY TOXIC ELEMENTS IN THE ABANDONED MERCURY MINE IN PALAWAN, PHILIPPINES: INSIGHTS FROM BOREHOLE GEOCHEMISTRY	ENVIRONMENTAL GEOLOGY & CLIMATE CHANGE
POSTER 1-12	FATEN HANANI MUHAMAD HAKIMI	GEOLOGICAL DISASTER KNOWLEDGE AND AWARENESS	ENVIRONMENTAL GEOLOGY & CLIMATE CHANGE
POSTER 1-13	LIN CHIN YIK	THE EFFECTS OF SALINITY ON METAL MOBILITY IN PEAT AND CLAY SAMPLES: AN INCUBATION APPROACH	ENVIRONMENTAL GEOLOGY & CLIMATE CHANGE
POSTER 1-14	HAREYANI ZABIDI	QUANTITATIVE ANALYSIS OF GRANITIC INTRUSION BOUNDARY AND FAULT ZONES AND THEIR IMPACT ON KARSTIFICATION	ENVIRONMENTAL GEOLOGY & CLIMATE CHANGE
POSTER 1-15	KATE B. CUYNO	GEOLOGY OF THE BOHOL ISLAND ASPIRING GEOPARK, PHILIPPINES	GEOHERITAGE AND GEOTOURISM
POSTER 1-16	NUR FATIN IRDINA ZULHAMIDI	STRUCTURAL MAPPING OF RANAU, SABAH USING REMOTE SENSING AND OTHER PARAMETERS	GEOHAZARDS & DISASTER RISK REDUCTION (DRR)
POSTER 1-17	AZIMAH HUSSIN	SOFT SOIL PROBLEM IN MUDA AGRICULTURAL DEVELOPMENT AUTHORITY (MADA) PADDY FIELD AREA, KEDAH, MALAYSIA	GEOHAZARDS & DISASTER RISK REDUCTION (DRR)
POSTER 1-18	THOMSON GALIN	ACTIVE FAULT STUDIES IN THE NIAH AREA, SARAWAK, MALAYSIA	GEOHAZARDS & DISASTER RISK REDUCTION (DRR)
POSTER 1-19	MUSTAPHA ATTA	GROUNDWATER MODELLING FOR ENVIRONMENTAL IMPACT ASSESSMENT OF A MANGANESE ORE MINING SITE IN KELANTAN	HYDROGEOLOGY & WATER RESOURCES
POSTER 1-20	WAN ZUHAIRI WAN YAACOB	GROUNDWATER QUALITY ASSESSMENT AT A PROPOSED RE-DEVELOPMENT PROJECT OF FORMER LANDFILL SITE	HYDROGEOLOGY & WATER RESOURCES

GEOSEA XVII POSTER SESSION

ID	PRESENTER	TITLE	THEME
POSTER 1-21	NOR BAKHIAH BAHARIM	DEMARCATON OF GROUNDWATER RECHARGE POTENTIAL ZONES IN THE LANGAT BASIN, MALAYSIA	HYDROGEOLOGY & WATER RESOURCES
POSTER 1-22	AAKASH DEEP	SPATIAL DISTRIBUTION MAPPING AND SUITABILITY ASSESMENT OF GROUNDWATER QUALITY FOR DOMESTIC USE IN KURUKSHETRA DISTRICT, HARYANA, INDIA	HYDROGEOLOGY & WATER RESOURCES
POSTER 1-23	RASYIKIN ROSLAN	GEOTECHNICAL ASSESSMENT AND ENGINEERING ANALYSIS OF THE HIGH-RISK SLOPE TOWER POLE 3, LINE SEGARI – AYER TAWAR USING THE INNOVATIVE MONITORING RATING SYSTEM (IMRS)	ENGINEERING GEOLOGY & GEOTECHNOLOGY
POSTER 1-24	NUR SUSILA MD SAAID	THE JERAI GEOPARK GEOSITE: LOSS OF AESTHETIC VALUE DURING THE 2021 DEBRIS FLOW TRAGEDY	GEOHERITAGE AND GEOTOURISM
POSTER 1-25	RASYIKIN ROSLAN	GEO-ENVIRONMENTAL EVALUATION BASED ON ELECTRICAL RESISTIVITY ANALYSIS AND ITS IMPLEMENTATION FOR UTILITY TOWER POLE SITING IN THE KUALA KRAIGUA MUSANG, KELANTAN AND CAMERON HIGHLANDS, PAHANG AREAS	GEOPHYSICS AND MACHINE LEARNING IN GEOLOGY
POSTER 1-26	BASHILLAH BAHARUDDIN	CONTRIBUTION OF COMPREHENSIVE NUCLEAR-TEST-BAN TREATY (CTBT) DATA TO THE CLIMATE CHANGE STUDY AND EARTH SCIENCES	ENVIRONMENTAL GEOLOGY & CLIMATE CHANGE
POSTER 1-27	ISKANDAR TAIB	3D-PRINTED TOPOGRAPHIC MODELS	GEOPHYSICS AND MACHINE LEARNING IN GEOLOGY
POSTER 1-28	A K M EAHSANUL HAQUE	GEOMODELING FOR MULTILAYERED RESERVOIRS IN NEW ZEALAND: DETERMINING OPTIMUM DRILLING SPOTS	PETROLEUM GEOLOGY, OIL & GAS EXPLORATION
POSTER 1-29	HARDIANSHAH SALEH	EFFECT OF GROUNDWATER-SOIL INTERACTION BASED ON THE GEOELECTRICAL PROFILES OF PEAT SOIL AT KLIAS RESERVE FOREST, SABAH	HYDROGEOLOGY & WATER RESOURCES

BOOTHS ARRANGEMENT AND LAYOUT PLAN

LAYOUT PLAN



3m
3m **B1** Booth

***Additional information:**
All booth provided have the same features and measurement

SEA 2022
MALAYSIA

BOOTH NO	COMPANY/AGENCY
B1	PAHANG MINING CORPORATION SDN BHD
B2	GPS LAND SDN BHD
B3	MALAYSIA SMELTING CORPORATION
B4	GUIDELINE GEO
B5	GEOMAG ENGINEERING SDN BHD
B6	JABATAN MINERAL DAN GEOSAINS MALAYSIA (JMG)
B7	LANGKAWI DEVELOPMENT AUTHORITY (LADA)
B8	OROGENIC RESOURCES SDN BHD
B9	TNF ENERGY SDN BHD
B10	GEOPARK AND GEOTOURISM CREATIVE SOLUTION (GGCS)



Field Excursion

LANGKAWI MALAYSIA



Pre- Congress

Machinchang Geoforest Park

17 October 2022

- Seven Well Waterfalls
- Machinchang Cambrian Geoforest Park (Cable Car)



Mid- Congress

Marvelous Langkawi

19 October 2022

- Langkawi Research Centre (PPL)
- Pulau Pasir Tengkorak (Sandy Skull Beach)
- Eagle Square



Post- Congress

Kilim Geoforest Park

21 October 2022

- Sangkar Ikan
- Cave of Bats
- Pulau Dendang
- Pulau Langgun
- Pulau Tangkok
- Pulau Anak Kail
- Eagle feeding & Watching
- Gua Buaya
- River Cruising
- Andaman Sea
- Passing Shoe Island



Please scan QR code
for registration



<https://forms.gle/UUa6wSjzzv2N5HgH9>

FEES

Activities	On-Site (RM)	Due Date
CONGRESS		
Member		
• Early Bird	RM 700.00 / USD200	15 September 2022
• Late/Regular	RM 800.00 / USD250	After 15 September 2022
Non-Member		
• Early Bird	RM1,000.00 / USD300	15 September 2022
• Late	RM 1,200.00 / USD350	After 15 September 2022
• Students	RM 350.00 / USD 100	
EXHIBITION	RM 5,000.00	
FIELD EXCURSION		
• Pre-Congress	<i>The payment for Field Excursion can be made through the registration form here</i>	R: RM 300.00 NR: RM416.00
• Mid-Congress		Included in the Congress
• Post-Congress	RM 475.00/package	1 October 2022

Note:

Please send an email to geologicalsociety@gmail.com to register for the congress while it is still open.

[REGISTRATION FEES] Payment Method:

Geological Society of Malaysia

Standard Chartered Bank, 30-36, Jalan 52/4, 46200 Petaling Jaya, Selangor, Malaysia

Current account no. 794 105402263

Code: SCBLMYKXXXX.

Contact

<https://geolsocmalaysia.org/geosea2022/> 

geosea2022@gmail.com 

Geological Society of Malaysia 

Call for Papers!



2ND INTERNATIONAL CONFERENCE OF SUSTAINABLE EARTH RESOURCES ENGINEERING 2022

SERIES 2022

"EXPLORING FUTURE SUSTAINABLE EARTH RESOURCES AND ENGINEERING TECHNOLOGIES"



FEATURING XVII GEOSEA 2022

18-20th October 2022
Bayview Hotel Langkawi, Malaysia

IMPORTANT DATES

- Abstract Submission & Registration Starting 23 May 2022
- Notification of Abstract Acceptance: 15 June 2022 - 1 October 2022
- Deadline Early Bird Registration: 31 July 2022
- Full Paper Submission Deadline: 4 November 2022
- Registration & Payment Deadline: 1 October 2022
- Event - SERIES 2022: 18 - 20 October 2022

PUBLICATION OPPORTUNITY

Selected papers will be published in Environmental Science & Pollution Research (Scopus-Indexed, Q1) and Bulletin of The Geological Society of Malaysia (Scopus-Indexed, Q2). All submitted papers that meet proceeding's requirement will be published in AIP Conference Proceedings (Scopus-Indexed). The final decision for publication lies with the journal editor.

THE SCOPE OF CONFERENCE

- Sustainable Structures and Materials
- Sustainable Mining and Mineral Processing
- Sustainable Metallurgical Engineering
- Environmental and Water Resources
- Sustainable Coastal and Offshore Engineering
- Sustainable Construction and Project Management
- Sustainable Highway, Geotechnical and Transportation Engineering and Geo-informatics
- Green Technology Sustainability

CATEGORIES	FEES
STUDENT	RM 800 USD 200
GSM MEMBER (EARLY BIRD)	RM 1,100 USD 300
GSM MEMBER	RM 1,200 USD 350
NON-MEMBER (EARLY BIRD)	RM 1,400 USD 400
NON-MEMBER	RM 1,600 USD 450
LISTENER	RM 500 USD 125

** RM (LOCAL PARTICIPANTS)
 **USD (INTERNATIONAL PARTICIPANTS)

CONTACT US

Email: series@ump.my
 Conference Secretariat :
 +6094316831
 Centre for Sustainability of Ecosystem and Earth Resources (Earth Centre)
 Universiti Malaysia Pahang



Official Website:
series.ump.edu.my

CO-ORGANIZER :

COLLABORATOR :

