

# IGM NEWS



Advance Geoscience,  
Advance the Nation

The electronic newsletter of the Institute of Geology Malaysia

October-December 2022

For IGM members only

Vol 2, Issue 3



## XVII GEOSEA 2022 LANGKAWI MALAYSIA



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## ABOUT IGM

**Institute of Geology Malaysia**, also known as IGM, was officially registered with the Malaysian Registrar of Societies in 1989 (PPM-003-14-11031989). It's establishment was in response to the urgent need for a single body to regulate the profession of geology in Malaysia. The seal of IGM portrays a hammer flanked by silhouette maps of Peninsular Malaysia and East Malaysia. The seal depicts the basic tool of the field geologist and thus symbolizes the role of the geologist in Malaysia. The objectives of IGM are as follows:

1. To provide a central organization for geologists in the form of a learned and scientific institute for geology and to provide for the definition of, and qualification for, the various branches of the profession of the geological sciences.
2. To promote friendly interaction amongst geologists and to hold meetings for readings and discussions of matters relating to geology and their various arts and sciences connected therewith.
3. To regulate and uphold the dignity, standing and reputation of the profession of geology.
4. To promote and advance the knowledge, study and practice of geology and the various arts and sciences connected therewith.
5. To assist, advise and cooperate with government departments and other private or public bodies in an honorary capacity on questions relating to the science of geology and policy in respect of land and earth resource utilisation and all other matters connected therewith.

## IGM COUNCIL 2022/23

IGM Council for 2022/2023 as elected at the 31<sup>st</sup> Annual General Meeting on 10 June 2022 are as follow:

### **President**

P.Geol. Gs. Abd. Rasid Jaapar F.I.G.M., FGS,  
MIGRSM

### **Vice-President**

P.Geol. Dr. Abdullah Sulaiman F.I.G.M.

### **Secretary**

P.Geol. Gs. Wan Md. Nizam Wan Isa F.I.G.M.,  
MIGRSM

### **Treasurer**

P.Geol. Ahmad Nizam Hasan F.I.G.M.

### **Council Members (2 years)**

P.Geol. Abdul Rahim Harun M.I.G.M

P.Geol. Dr. Zuhar Zahir Tuan Harith M.I.G.M

P.Geol. Tuan Rusli Tuan Mohamed M.I.G.M

Y.M Raja Abdul Halim Raja Muda M.I.G.M

### **Council Members (1 year)**

P.Geol. Dr. Ahmad Farid Abu Bakar M.I.G.M.

P.Geol. Sanatul Salwa Hassan M.I.G.M.

P.Geol. Dr. Rohayu Che Omar M.I.G.M.

P.Geol. Yip Foo Weng F.I.G.M (Co-opted)

# IGM CHAPTER, TECHNICAL COMMITTEE & WORKING COMMITTEE

The Council of Institute of Geology Malaysia (IGM) for 2022/2023 at the 1<sup>st</sup> Council Meeting held on 15<sup>th</sup> July 2022, has decided on the appointment of Chairs for IGM Chapters, Technical Committee and Working Committee in accordance with Article VI, Clause 15 of IGM Constitution as follow:

## **IGM CHAPTER**

IGM Sabah Chapter

*Chairperson: P.Geol. Alexander Yan Sze Wah F.I.G.M.*

IGM Sarawak Chapter

*Chairperson: P.Geol. Dr. Richard Mani Banda F.I.G.M.*

## **TECHNICAL COMMITTEE**

Technical Committee on Mineral Resources, Mining & Quarrying

*Chairperson: P.Geol. Yip Foo Weng F.I.G.M.*

Technical Committee on Hydrogeology & Groundwater Resources

*Chairperson: P.Geol. Nizarulikram Ab. Rahim F.I.G.M.*

Technical Committee on Environmental & Engineering Geology

*Chairperson: Y.M. Raja Abdul Halim Raja Muda, M.I.G.M*

Technical Committee on Geophysics

*Chairperson: P.Geol. Dr. Zuhar Zahir Tuan Harith, M.I.G.M.*

Technical Committee on Coastal and Marine Geology

*Chairperson: P.Geol. Dr Nor Bakhiah Baharim M.I.G.M*

Technical Committee on Petroleum Geology

*Chairperson: P.Geol. Sanatul Salwa Hasan M.I.G.M.*

Technical Committee on Disaster Risk Reduction

*Chairperson: Dr. Khamarrul Azahari Bin Razak M.I.G.M.*

Technical Committee on GIS & Geotechnology

*Chairperson: P.Geol. Dr. Rohayu Che Omar M.I.G.M.*

Technical Committee on Geoheritage & Geotourism

*Chairperson: P.Geol. Dr Tanot Unjah M.I.G.M.*

## **WORKING COMMITTEE**

Working Committee on Promotion and Outreach

*Chairperson: P.Geol. Gs. Abd. Rasid Jaapar F.I.G.M., FGS, MIGRSM*

Working Committee on Membership

*Chairperson: P.Geol. Dr. Abdullah Sulaiman, F.I.G.M.*

Working Committee on Website & Admin

*Chairperson: P.Geol. Gs. Wan Md. Nizam Wan Isa F.I.G.M., MIGRSM*

Working Committee on Finance

*Chairperson: P.Geol. Ahmad Nizam Hasan F.I.G.M.*

Working Committee on Continuous Professional Development (CPD) Coordination

*Chairperson: P.Geol. Abdul Rahim Harun M.I.G.M*

Working Committee on Early Career Geologists

*Chairperson: Mohamad Faruq Syahmi Md Aripin M.I.G.M.*

Working Committee on Women in Geology

*Chairperson: Dr. Siti Sarah Ab Rahman M.I.G.M.*

Working Committee on Publications

*Chairperson: P.Geol. Dr. Ahmad Farid Bin Abu Bakar M.I.G.M.*

Working Committee for Geological Manual

*Chairperson: P.Geol. Tuan Rusli Tuan Mohamed M..I.G.M*

## **IGM-GSM JOINT COMMITTEE**

Climate Change Adaptation -

*P.Geol. Prof Joy J Pereira F.I.G.M*

Geoscience Education -

*P.Geol. Dr. Ahmad Farid Bin Abu Bakar M.I.G.M.*

## **IGM SECRETARIAT**

*Ms. Sarah Farhanah Binti Borhanudin*

All members who want to contribute through any Chapters, Technical Committees or Working Committee, please contact the respective chairperson.

# PRESIDENT'S MESSAGE



**P.Geol. Gs. ABD RASID JAAPAR**  
**IGM PRESIDENT**

Assalamualaikum wbt.

First and foremost, I would like to thank all members for allowing me to lead IGM for another term. Trust all geologists in Malaysia will be more resilient post pandemic covid-19.

In the year 2021 and 2022, Peninsula Malaysia was struck by deadly widespread debris flow and cascading geological disasters started with incident in Gunung Jerai, Yan, Kedah on 18 August 2021; followed with more widespread cascading geological disaster in Bentong, Pahang, Hulu Langat, Selangor and Jempol, Negeri Sembilan on 18 December 2021; in Kenyir, Terengganu on 27 February 2022 and lastly on 4 July 2022 at Sungai Kupang, Baling, Kedah. Malaysia needs more experts to tackle this issue for pre-, during and post-disaster. I strongly believe IGM can play bigger role to cater the issue for the benefit of the nation.

IGM should be more active in 2022/23 where we will work closely with BOG on outreach and promotion programs to relevant federal and state government agencies. We have visited Sabah and Sarawak recently to meet with local geologists. For sure, we will visit more states to talk to geologists, local governments and state agencies.

For this term, IGM had established new Technical Committee on Disaster Risk Reduction which will be separated from Technical Committee on Climate Change Adaption. We do hope that the respective Technical Committee can focus on these two important subjects separately and more effectively. IGM will continue to support BOG to finalise Malaysian Mineral Reporting Code (MMRC). Trust we can finalise it within this term. IGM also had established new Technical Committee on GIS and Geotechnology as we want geologists to be exposed with latest technology in this IR4.0 era. IGM also had formed Working Committee for Geological Manual as we want to establish a Manual as guidance to all geologists in the industry in preparing and writing geological assessment in various applications such as for construction, Environmental Impact Assessment, Development Proposal, groundwater, etc.

IGM will start new initiative in promoting geology to government agencies as well as to public with Geoscience Week. The organization of Geoscience Week will be as rotation between Sarawak, Sabah and Peninsula Malaysia. For 2023, Geoscience Week will be organized in Sarawak by IGM Sarawak Branch between 8 and 14 May 2023. Beside promotion and outreach, Geoscience Week can also provide opportunity for local geologists to share their experiences as well as can be an easier platform for collecting CPD points without flying to different part of the country.

IGM together with other geological related organization may organize Annual Geologists' Nite starting next year. We do hope the event can gather as many geologists possible and to be a platform for recognition to geologists and geoscience industry as a whole.

Trust there will be bright years ahead for geologists beyond 2022. Thank you again for the trust in me to lead IGM for another term.

Thank you.

**P.Geol. Gs. ABD RASID BIN JAAPAR F.I.G.M. FGS MIGRSM**  
President 2022/23



### **P.Geo. DR. AHMAD FARID ABU BAKAR** **IGM NEWS EDITOR**

Assalamualaikum wbt.

All praises for Allah SWT. All blessings and salutations upon our beloved Prophet Muhammad SAW and his family and companions. I hope this newsletter finds you well!

IGM NEWS responsible for disseminating information and recent news related to IGM activities as well as IGM response toward certain issues in our nation. Nevertheless, our publication team always aware our responsibility to share and disseminate trustworthy information for the IGM members respectively.

IGM NEWS strongly supports IGM initiatives on outreach and promotion programs to relevant federal and state government agencies as well as the Malaysian public. Hence, IGM NEWS will work closely with the new committees in their activity for promotion as well as documentation purposes.

Modernization of our IGM website is on-going and we are trying to encourage the use of social media networks for the benefit of our institute and IGM members. We welcome new members and will update information of our current members in order for us to serve you well and efficiently.

We will try our best to bring and documenting every IGM activities as well as news related to the geology to update our IGM members with the latest information available.

Thank You

**P.Geo. Dr. AHMAD FARID BIN ABU BAKAR M.I.G.M.**

Chairperson

Working Committee on Publications





## PRESIDENT

**P. Geol. Gs. ABD. RASID JAAPAR F.I.G.M., FGS, MIGRSM** obtained MSc in Applied Geoscience (Eng. Geol.) with distinction from the University of Hong Kong. He is the Chief Executive Officer of GMT Group. He has almost 30 years of experience in environmental, engineering geology, geotechnical engineering and groundwater development in construction as well as in oil and gas industry. He is a Board Member, BOG. He is also the Immediate Past President of GSM, Vice President of MyGeo and SEGRM (which is affiliated to IAEG and ISRM). He is also an Adjunct Professor at UMK and Adjunct Lecturer at UTP.

## VICE-PRESIDENT

**P. Geol. Dr. ABDULLAH BIN SULAIMAN F.I.G.M.** graduated with Honours from University of Malaya (UM) in Bachelor of Science in Applied Geology in 1993. He obtained his Master of Science in Oceanography from National Oceanography Centre, University of Southampton, United Kingdom in 2009. He is a Director at Department of Mineral and Geoscience Malaysia, Kedah/Perlis/P.Pinang. He has almost 27 years of experience in Department of Mineral and Geoscience Malaysia. His expertise is in marine geology & geophysics, seabed aggregate and mineral resources, UNCLOS (Article 76), coastal geology and geohazard mapping, climate change especially in palaeo-sea level research, maritime issues, maritime delimitations and national/international joint research especially in Straits of Malacca and South China Sea. He is a board member of the Malaysian Board of Geologists (BOG) and a life member of Geological Society of Malaysia. He is also appointed as the Adjunct Professor at Faculty of Science and Marine Environment (FSSM), Universiti Malaysia Terengganu and Adjunct Lecturer at the Geoscience Department, Universiti Teknologi Petronas. He is a Chairperson for Coastal & Marine Geology Technical Committee.



## SECRETARY

**P. Geol. Gs. WAN MOHAMED NIZAM BIN WAN ISA F.I.G.M., MIGRSM** graduated from Universiti Kebangsaan Malaysia (UKM) in 1987. He is the Principal of Progeo Consult. He has almost 33 years of experience in environmental, engineering geology and geotechnical engineering. He is a Council Member of Malaysia Site Investigators Association (MSIA) for 2021-2023 sessions and Immediate Past Secretary for MSIA for 2018-2020. He was also the Council Member of IGM for 2019-2021 sessions. His vision is to uplift geoscience profession higher or at par with other professions and his mission is to help the geologist community in terms of creating chances and more job opportunities.

## TREASURER

**P. Geol. AHMAD NIZAM B. HASAN F.I.G.M.** is a Founder and Principal of GeoSolution Resources group of companies, a well known geological, environmental, mining and geotechnical consultant in Malaysia and Southeast Asia based in Selangor. He graduated with Honours from University of Malaya (UM) in 1990. He has almost 28 years of experience and his expertise is in engineering geology and mining geology. Currently, he is a President of the Geological Society of Malaysia (GSM). He is also a Member of the Industrial Council (AGE) of Universiti Malaysia Kelantan (UMK), Lecturer of IKRAM Skill and Development Center and a Member of European Geoscientist Union (EGU). His motto is Strive for Skyhigh Success & Sustainability for Humanity and Wellbeing.



## IGM SECRETARIAT

**SARAH FARHANAH BINTI BORHANUDIN** graduated with Honours from Multimedia University (MMU) in Bachelor of Analytical Economics. She is very passionate to work in a professional environment where she can apply strong analytical, technical and communication skills as well as economics also industrial experiences to support the mission of the IGM.

## COUNCIL MEMBER (2022-2024)



**P.Geo. TUAN RUSLI BIN TUAN MOHAMED M.I.G.M.** graduated with Honours from Universiti Kebangsaan Malaysia (UKM) in Bachelor of Science in Geology in 1992. He is a Director of Information Management at Department of Mineral and Geoscience, Malaysia. He has almost 29 years of experience. Throughout his duties, he has carried out various development/research projects covering engineering geology & geological disaster management, underground water (groundwater), geoheritage & geopark, coal resource and geothermal resource assessment.

**YM RAJA ABD HALIM RAJA MUDA M.I.G.M.** is a Chief Executive Officer (CEO) and Senior Partner of EeHSSE Consulting Sdn. Bhd. YM Raja Abd Halim has more than 30 years of international diverse experience in overseeing full spectrum of Business Development Operation, Environmental Management, Environmental Geology towards maintaining the integrity of an Organization across the Multinational Oil & Gas Companies in Southeast Asia and Middle East. Skilled in managing and executing various environmental projects, including Forensic Environmental Due Diligence (EDD), Environmental Site Assessment (ESA), Brownfield Assessment, Limited Site Remediation and Environmental Management. Recognized as strong business development professional, a dedicated and flexible organizational leader with exceptional knowhow in expediting Environmental and Geological business.



**P.Geo. DR. ZUHAR ZAHIR TUAN HARITH F.I.G.M.** is an experienced Exploration Geoscientist. He has worked across various disciplines in both academic and industrial. He is a leading researcher in subsurface analysis with particular expertise in the integration of multi-physics into reservoir characterisation. Right after his graduation from University of Malaya in 1993, he received a scholarship for continuing higher degree in MSc (Imperial Collage London) and PhD (Glasgow University) in Exploration Geophysics. Beginning his career as a young lecturer at Universiti Sains Malaysia (in 2000) he is now a Technical Director at BeicipFranlab Asia, a subsurface geoscience company focusing on Oil and Gas exploration and development studies.

**P.Geo. ABDUL RAHIM HARUN M.I.G.M.** is a Deputy Director in Geoscience Planning Unit, Planning and Management Section at Department of Mineral and Geoscience Malaysia. He graduated with Honours from Universiti Kebangsaan Malaysia (UKM) in Bachelor of Science in Geology in 1993. He has 29 years of experience as geologist/geophysicist work related to engineering geology, mineral exploration, hydrogeology, geological mapping, environmental geology and supervising works on engineering laboratory and unit of workshop as well as drilling in Technical Divisions. He had been appointed as technical team member in the Malaysia-Thailand Joint Geological Survey Project for two years. Experienced as team member in ASEAN Senior Officer Meeting on Mineral for few times, a Project Leader in the Airborne Geophysical Survey in East Coast Economic Region (ECER) Project 2016-2017 and involved as a technical panel in Malaysia Nuclear Power Corporation Project 2014-2015.



## COUNCIL MEMBER (2022-2023)



**P.Geol. YIP FOO WENG F.I.G.M.** graduated with Honours from University of Malaya (UM) in Bachelor of Science in Applied Geology. He is a General Manager, Mineral Resource and Exploration, of Lion Mining Sdn Bhd. He has more than 40 years of experience and his expertise is in Mineral Exploration, Evaluation and Project Appraisal. He is a Life Member of GSM, a Member of Malaysian Chamber of Mines, Member of Institute of Materials, Minerals and Mining, UK (IOM3) and a Chartered Engineer (CEng) with British Council of Engineers. He is also a committee member of Jawatankuasa Perundangan, Etika, Disiplin & Penguatkuasaan (JPEDP) of Board of Geologists Malaysia from 31<sup>st</sup> January 2021 to 30<sup>th</sup> November 2023. He is a Chairperson for Mineral Resources & Mining Technical Committee in IGM. He is also a Chairperson for Malaysian Mineral Resource and Reserve Reporting Code (MMRC) Working Committee. His vision and mission is to promote knowledge sharing and activities related to Geology, Exploration and Mineral Resources for sustainable mining and developments.

**P.Geol. SANATUL SALWA HASAN M.I.G.M.** graduated with B.Sc. (Hons) in Geology from Universiti Kebangsaan Malaysia (UKM) in 1991. She obtained her Master of Science in Petroleum Geology, from University of Malaya in 2019. She is now working as a Staff Scientist in PETRONAS. She has almost 30 years of experience in geology and petroleum geology. Her expertise is Biostratigraphy, Sequence Stratigraphy, Sequence Biostratigraphy & Petroleum Geology. She is an Adjunct Lecturer in Universiti Teknologi PETRONAS (UTP) and Universiti Malaysia Sabah (UMS). She is a Chairperson for Petroleum Geology Technical Committee in IGM. Her vision and mission is to promote the awareness of earth science and to improve the management of natural resources to ensure the sustainability of the earth.



**P.Geol. Dr. ROHAYU BINTI CHE OMAR M.I.G.M.** graduated with (Ph.D., M.Sc. and B.Sc. (Hons.)) from Universiti Kebangsaan Malaysia (UKM). Currently, she is an Associate Professor and Director in Institute of Energy Infrastructure (IEI), Universiti Tenaga Nasional (UNITEN). She has almost 29 years of experience and her expertise is in Engineering Geology, GIS, Remote Sensing, Petrology, Environment & Development. She is a Chairperson for Woman in Geology Working Committee. Her vision is a prosperous and transformed society enabled by geoscience solutions and her mission is organizing good governance to guarantee quality, professionalism, capability and accountability.

**P.Geol. Dr. AHMAD FARID BIN ABU BAKAR M.I.G.M.** graduated (Ph.D., M.Sc. and B.Sc. (Hons.)) from University of Malaya (UM), Kuala Lumpur. Currently he is a Senior Lecturer at the Department of Geology, UM. He has almost 20 years of experience and his expertise is in Environmental Geology. His research focuses on soil, water and sediment quality, geochemistry, metal pollution remediation as well as metal fate and transport modeling. He is responsible for IGM publication. He is a member of the Malaysian Board of Geologists (BOG) and a life member of Geological Society of Malaysia (GSM). His motto is to enhance geological knowledge through continuous improvement efforts for the benefit of the Earth, Humanity and Nation.



The documentary "Living with Disaster"

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IGM collaborated documentary on multi-hazards event that have hit parts of Selangor, Pahang and Negeri Sembilan have been aired by Astro Awani TV Channel on January 2022. The mud floods have caused many lives affected. What aspect do we need to understand behind these disasters? How the chained geological hazard can be understood and realized. All these questions have been answered in this special program of 'Living with Disaster'

Date: Sunday, January 23, 2022

Time: 8.30 PM

Channel: 501, Astro Awani

This documentary was published by Astro Awani in collaboration with the Academy of Professor Malaysia (APM) & Institute of Geology Malaysia (IGM) and scientifically supported by GGCS, GMT Group & Pahang Forestry Department.

Scientific/Technical Field Team led by Prof Emeritus Dato' Dr Ibrahim Komoo with assistance by Prof Dr Che Aziz Ali, Abd Rasid Jaapar, Prof Dr Norhayati Ahmad, Ahmad Daniel Razali and Nor Najiha Nasrudin.

Another small contribution to our country and society

"Geoscience for Society"

<https://www.astroawani.com/video-malaysia/promo-hidup-bersama-bencana-1944407>

<https://www.astroawani.com/video-malaysia/laporan-khas-hidup-bersama-bencana-1945286>

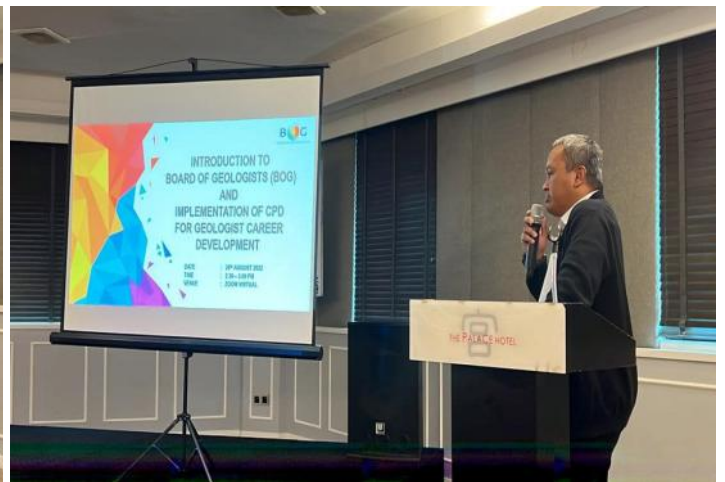


# BOG & IGM PROMOTION PROGRAM WITH THE SABAH GEOLOGISTS

Board of Geologists Malaysia (BOG) and Institute of Geology Malaysia (IGM) have conducted a Promotion Program on 1 and 2 Sept 2022 with the Sabah Geologists. The program was led by Dato' Zakaria Mohamad as Chairman of the BOG and was held at the Palace Hotel, Kota Kinabalu. The program was managed by IGM Sabah Branch led by Associate Prof Dr Rodeano Roslee from UMS with helping hands from his students. Dr Richard Mani Banda (Chairman of the IGM Sarawak Branch & BOG Board Member) and James Bachat (SU IGM Sarawak Branch) also joined the respective event.

BOG & IGM sincerely congratulate all Sabah geologists who were able to join together in this event, especially from UMS, JMG and Sabah Minerals Management Sdn Bhd (SMM). From this program, many problems have been solved successfully. The BOG-IGM Promotion Team has visited SMM, a new GLC established by the Sabah government to boost the Mineral Industry in Sabah. SMM is led by Jontih Enggihon, a former Director of JMG Sabah. The team also visited JMG Sabah as well. BOG & IGM Promotion Program team members were greeted by Dr. Frederick Francis Tating, Sabah JMG Director. Interesting and fruitful discussions have been conducted at both SMM and JMG Sabah.

By God willing, the BOG & IGM Promotion Program Team will continue their visits throughout the country; to meet with geological experts as well as local government and relevant state agencies.



## Mark your calendar for the 17th GEOSEA Regional Congress and 34th National Geoscience Conference (NGC) in October 2022!

Join us as we are bringing two distinguished events together on one platform which gathers like-minded professionals to express ideas and exchange knowledge about the current and latest insights from the diverse fields of geoscience including energy, environmental, engineering, machine learning, and many more. Not only that, the conference offers incredible workshop sessions, networking opportunities, and field excursions in which the participants will get the chance to explore the geological wonders of Langkawi.

Check out these important dates for your information.

### **[30th June 2022]**

- Opening date for registration and abstract submission.

### **[31st July 2022]**

- Closing date for early-bird registration and abstract submission.

### **[15th August 2022]**

- Notification on acceptance of abstracts.

### **[17th October - 21st October 2022]**

- Conference sessions, Field Excursion, Workshop.

Find out more about:

- Regional Geopark Course
- SERiES 2022 International Conference of Sustainable Earth Resources Engineering 2022

Fee of Entrance:

- Member—early bird : RM700 (USD200) ; late : RM800 (USD250)
- Non Member—early bird : RM1000 (USD300) ; late : RM1200 (USD350)
- Student—RM350 (USD100)

Both early-bird registration and abstract submission periods will commence on 30th June until 31st July 2022. Be sure not to miss the dates as we offer discounted entrance fees for registrations within only the stipulated time frame for both members and non-members. It is to note that the entrance fee for students is fixed.

Keep updated with us for further details on the registration process. Do contact us at [geosea2022@gmail.com](mailto:geosea2022@gmail.com) for any enquiries and visit our website <https://geolsocmalaysia.org/geosea2022/>

**'Advance Geoscience, Advance ASEAN'**

# PAST WEBINAR CONDUCTED BY IGM (OCTOBER 2021 –SEPTEMBER 2022)

| NO | DATE                    | TITLE / TOPICS                                                                                        | SPEAKERS                                                                                                                                                                                                                                                               | NO. OF PARTICIPANTS & PLATFORM        | COMMENTS FROM PARTICIPANTS  |
|----|-------------------------|-------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|-----------------------------|
| 1  | 2 October 2021          | IGM Geosembang Maya bersama Pak Chu Bummy ( Sumber Bumi: Pulihara atau Guna Musnah)                   | P.Geol. Hj Kamaruddin Abdullah<br>P.Geol. Prof Dr Che Aziz Ali<br>P.Geol. Askury Abd Kadir                                                                                                                                                                             | 74 participants<br>Platform: Zoom     | Two thumbs up!              |
| 2  | 9 October 2021          | Konsep Asas Geologi Gunung-Ganang dalam Al-Quran                                                      | P.Geol. Haji Wan Mohamed Nizam Bin Haji Wan Isa<br>P.Geol. Askury Abd Kadir                                                                                                                                                                                            | 55 participants<br>Platform: Zoom     | Good exposure and knowledge |
| 3  | 13 October 2021         | Engineering Geology of Rock Slopes - Some Case Studies                                                | Ahmad Nizam Hasan P. Geol.<br>Mr. Tan Boon kong                                                                                                                                                                                                                        | 37 participants<br>Platform: Zoom     | Eye opening examples        |
| 4  | 15 October 2021         | Teh Tarik bersama Presiden (Etika & Amalan Profesional: Apa, Kenapa, Bagaimana, Bila dan Di Mana?)    | Madam Mastura Binti Ma'sud<br>P.Geol. Abd Rasid Jaapar                                                                                                                                                                                                                 | 16 participants<br>Platform: Zoom     | New perspective!            |
| 5  | 16 October 2021         | Mengimarahkan Geopark Lembah Kinta (Cabaran, Perancangan & Halatuju)                                  | Prof Emeritus Dr Mohd Shafeea Leman<br>Prof Emeritus Dato Dr Ibrahim Komoo<br>Mohamed Shah Redza Bun Hussein<br>Mat Niza Bin Abdul Rahman<br>Mohd Fadly Bin Md Noor                                                                                                    | 54 participants<br>Platform: Zoom     | More event like this needed |
| 6  | 10 November 2021        | Towed TEM tool for fast 3D Mapping of top 70 to 100 meters of the subsurface.                         | Soren Bjorn<br>(Geophysicist with Aarhus GeolInstruments, Denmark)                                                                                                                                                                                                     | 47 participants<br>Platform: Zoom     | Good knowledge              |
| 7  | 16 December 2021        | Geological Assessment for Urban Development Planning over Peat Lands – Case Study of Selangor State.  | P. Geol. Ahmad Nizam Hasan                                                                                                                                                                                                                                             | 57 participants<br>Platform: Zoom     | New perspective!            |
| 8  | 22,23, 24 February 2022 | Geological Terrain Mapping                                                                            | JMG & IGM                                                                                                                                                                                                                                                              | 67 participants<br>Platform: Physical | More event like this needed |
| 9  | 9 March 2022            | SEMINAR ON COASTAL & MARINE GEOLOGY 2022<br>Deep Seabed Mining: Perspectives From A Developing Nation | DATO' SERI MOHD AJIB ANUAR<br>DATO' ZAKARIA MOHAMAD<br>MR. ABDUL RASID JAAPAR,<br>MR. ABDULLAH SULAIMAN<br>DR. KHAIRA ISMAIL,<br>DR MAZLAN MADON,<br>DR. KIRSTY MCQUAID<br>PROF. DR. WAN IZATUL ASMA<br>WAN TALAAT<br>DR. THET TIN NYUNT<br>MR. BEBEB A.K.N DJUNDJUNAN | 74 participants<br>Platform: Zoom     | More event like this needed |

# PAST ACTIVITIES CONDUCTED BY IGM (OCTOBER 2021 – SEPTEMBER 2022)

| NO | DATE              | TITLE / TOPICS                                                                                  | SPEAKERS                                                                                                                                                                                 | NO. OF PARTICIPANTS & PLATFORM                                             | COMMENTS FROM PARTICIPANTS                                               |
|----|-------------------|-------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------|--------------------------------------------------------------------------|
| 10 | 21 April 2022     | Virtual Earth Day & Geologist Day Celebration                                                   | Representative from JMG, BOG, IGM, GSM and MyGeo                                                                                                                                         | 127 participants<br>Platform: Zoom                                         | Happy Earth Day!                                                         |
| 11 | 10 - 11 June 2022 | Survival Skills & Safety Course                                                                 | Lieutenant Mohammad Noor Akmal                                                                                                                                                           | 25 participants<br>Platform : Hybrid Course (Online via Zoom & Field-work) | New information & experiences!                                           |
| 12 | 24 - 25 June 2022 | Geology of Malaysia Boot-camp                                                                   | P.Geol. Prof. Dr. Azman A Ghani<br>P.Geol. Assoc. Prof. Dr. Habibah Binti Hj Jamil<br>P.Geol. Assoc. Prof. Dr. Meor Hakif Amir Hassan<br>Dr. Chong Chee Meng<br>P.Geol. Askury Abd Kadir | 57 participants<br>Platform: Zoom                                          | Excellent exposure and knowledge                                         |
| 13 | 30 June 2022      | Geoheritage and Geopark Virtual Forum (Geohazard as a Geosite in Geopark: Case of Asia Pacific) | P.Geol. Dr. Tanot Unjah (Chairperson)<br>Prof Emeritus Dr Mohd Shafeea Leman (Moderator)<br>Professor Dr. Setsuya Nakada<br>Professor Dr. Felix Tongkul                                  | 55 participants<br>Platform: Zoom                                          | More event like this needed                                              |
| 14 | 15 July 2022      | Field Trip: Miocene Carbonate Subis Limestone, Niah, Sarawak                                    | Dr. Saw Bing Bing<br>Dr. Siti Sarah Ab Rahman                                                                                                                                            | 30 participants<br>Platform: Physical                                      | Better understanding of a carbonate reservoir                            |
| 15 | 26 - 27 July 2022 | Exposure on Debris Flow Disaster in Bentong, Pahang                                             | Prof Emeritus Dato Dr Ibrahim Komoo<br>Prof. Dr. Che Aziz Ali<br>P.Geol. Abd Rasid Jaapar                                                                                                | 43 participants<br>Platform: Physical                                      | Excellent exposure & knowledge                                           |
| 16 | 12 August 2022    | Forum Terbuka, Fahami Bencana Geologi Berangkai: Banjir Puing Bukan Banjir Biasa                | Prof Emeritus Dato Dr Ibrahim Komoo<br>P.Geol. Prof. Dr. Che Aziz Ali<br>Ir. Dr. Safari Mat Desa<br>P.Geol. Abd Rasid Jaapar (Moderator)                                                 | 55 participants<br>Platform: Zoom                                          | Excellent exposure & knowledge                                           |
| 17 | 19 September 2022 | Rockfall Assessment and Mitigation: Some Case Studies from Southeast Asia                       | Mr Dennis Alexander Gross                                                                                                                                                                | 157 participants<br>Platform: Zoom                                         | share Geobruigg's South East Asia experience with Malaysian stakeholders |
| 18 | 30 September 2022 | Malaysian Tin Placer Industry Rejuvenation & Optimising Placer Mineral Resource and Ore Reserve | Dr Daud Batchelor<br>Mr Dean O'Keefe<br>P.Geol. Yip Foo Weng (Moderator)                                                                                                                 | 98 participants<br>Platform: Zoom                                          | provide an overview of tin industry in Malaysia                          |

# PAST WEBINAR CONDUCTED BY IGM (OCTOBER 2021 – SEPTEMBER 2022)

Anjuran Di sokong oleh:

**TEH TARIK BERSAMA PRESIDEN: ETIKA DAN AMALAN PROFESSIONAL; APA KENAPA, BAGAIMANA, BILA DAN DI MANA?**

15 Oktober 2021 | 3:30 PM - 5:30 PM

Organized by In collaboration with Managed by

**Towed TEM tools for fast, 3D Mapping of the top 70-100 meters of the subsurface**

10 NOVEMBER 2021 | WEDNESDAY | 4.00 PM - 5.00 PM

# PAST ACTIVITIES CONDUCTED BY IGM (OCTOBER 2021 – SEPTEMBER 2022)

**Organised by:** UNIVERSITY OF MALAYA  
**Supporting:** MyGeo, GSSB, IDV, GFR, UTM, ACADEMY GEX  
**Powered by:** ACADEMY GEX

## GEOLOGY OF MALAYSIA BOOTCAMP

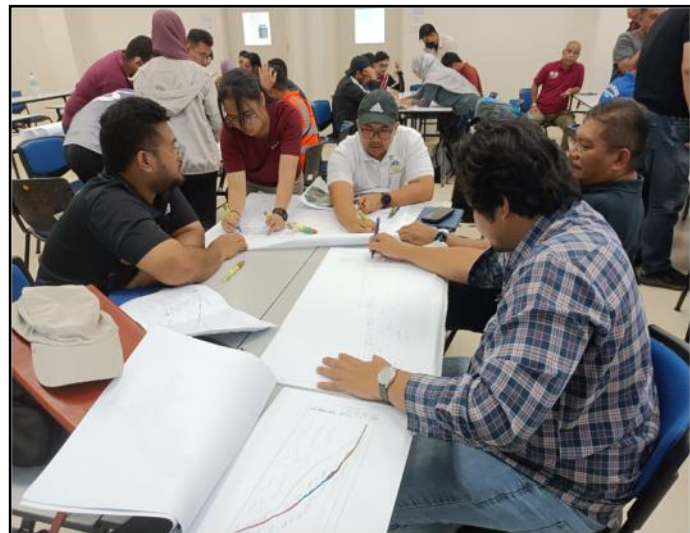
REFRESH KNOWLEDGE, EXCHANGE IDEA  
 24th & 25th JUNE 2022

Zoom Meeting screenshot showing participants: Chan Yee-Hue S., ACEELAH-STD, Nur Galilah, Hani Sofia, Florence SEAH, etc.

## SURVIVAL SKILLS & SAFETY COURSE PROGRAM 2022

10th & 11th June 2022

Zoom Meeting screenshot showing participants: Anor, Mard Fazel Ah..., Zeta, Putri Annah..., etc.



Zoom Meeting screenshot showing a grid of participants including: Almirul Fahmi, zuifli, Michael Liew, Cheong Lai Ching, boonkong tan, etc.

Zoom Meeting screenshot showing a grid of participants including: Ashton Hong, Ir. S.Suharti CM, Yon Basrah, Zulfarahin, Dr. How YC, Zelf, Vanessa Cutbert, etc.

Zoom Meeting screenshot showing a grid of participants including: Fatimah Najeb..., Nazatul Athrah, Jarabumi Berga..., muhammad tha..., Che Norhoham, boonkong tan, etc.

Zoom Meeting screenshot showing a grid of participants including: Fatimah Najeb..., Nazatul Athrah, Jarabumi Berga..., muhammad tha..., Muhammad Am..., AiyahPazim, etc.

# FUTURE SEMINAR & WEBINAR (OCTOBER-DECEMBER 2022)

| NO | MONTH    | PROPOSED DATE      | TOPICS / THEMES                                          | SPEAKERS / INSTRUCTORS |
|----|----------|--------------------|----------------------------------------------------------|------------------------|
| 1  | OCTOBER  | 17-21 October 2022 | XVII GEOSEA Congress 2022                                | TBC                    |
| 2  | NOVEMBER | 5th November 2022  | 4th INTERNATIONAL COASTAL & MARINE GEOLOGY WORKSHOP 2022 | TBC                    |

TBC: To Be Confirmed



| NO | PROGRAM NAME                                                                                                                | DATE                | CONDUCTED BY | CREDIT POINT |
|----|-----------------------------------------------------------------------------------------------------------------------------|---------------------|--------------|--------------|
| 1  | Challenges in Reporting Exploration Targets, Exploration Results, Mineral Resources and Ore Reserves                        | 28th May 2021       | IGM          | 1            |
| 2  | Practical Approach in Linking Geology and Biology in Geopark Case from The Asia Pacific Region                              | 24th June 2021      | IGM          | 1            |
| 3  | Forum on Soil and Rock Description for Civil Engineering Purposes in Malaysia- Revisiting current practice and future needs | 10th July 2021      | IGM          | 1            |
| 4  | Groundwater Technical Talk 1/2021                                                                                           | 27th July 2021      | IGM          | 1            |
| 5  | Practical Approach in Linking Geological and Cultural for Geopark: Case from the Asia Pacific                               | 26th August 2021    | IGM          | 1            |
| 6  | 3rd National Webinar on Coastal & Marine Geology 2021                                                                       | 30th August 2021    | IGM          | 2            |
| 7  | Case History in Engineering Geology and Rock Engineering                                                                    | 11th September 2021 | IGM          | 2            |
| 8  | Geophysics most powerful tools for subsurface investigation                                                                 | 20th September 2021 | IGM          | 1            |
| 9  | Groundwater Technical Talk 2/2021                                                                                           | 23th September 2021 | IGM          | 1            |
| 10 | Seminar on Coastal and Marine Geology: Issues and Challenges of Urban Development on Peatlands in Malaysia                  | 25th October 2021   | IGM          | 2            |
| 11 | Towed TEM tool for fast 3D Mapping of the top 70-100 meters of the subsurface                                               | 10th November 2021  | IGM          | 1            |

# CPD WEBINAR & SEMINAR APPROVED BY BOG (2022)

| NO | PROGRAM NAME                                                                                           | DATE                  | CONDUCTED BY | CREDIT POINT |
|----|--------------------------------------------------------------------------------------------------------|-----------------------|--------------|--------------|
| 1  | Workshop on Geological Terrain Mapping                                                                 | 22 - 24 February 2022 | IGM          | 3            |
| 2  | Seminar On Coastal and Marine Geology:<br>Deep Seabed Mining: Perspectives from<br>A Developing Nation | 9 March 2022          | IGM          | 2            |
| 3  | Virtual Earth Day and Geologist's Day<br>Celebration                                                   | 21 April 2022         | IGM          | 1            |
| 4  | Survival & Safety Course                                                                               | 10 & 11 June 2022     | IGM          | 3            |
| 5  | Geology of Malaysia Bootcamp                                                                           | 24 - 26 Jun 2022      | IGM          | 3            |
| 6  | Geoheritage and Geopark Virtual Forum<br>(Geohazard as a Geosite in Geopark: Case<br>of Asia Pacific)  | 30 Jun 2022           | IGM          | 1            |
| 7  | Field Trip: Miocene Carbonate Subis<br>Limestone, Niah, Sarawak                                        | 15 - 17 Julai 2022    | IGM          | 3            |
| 8  | Exposure on Debris Flow Disaster in Ben-<br>tong, Pahang                                               | 26 - 27 Julai 2022    | IGM          | 3            |

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| Inside Front Cover | RM700         | Double Page Spread | RM700         |
| ROP Full Page      | RM300         | ROP Half Page      | RM150         |

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**THE  
INSTITUTE OF GEOLOGY  
MALAYSIA**





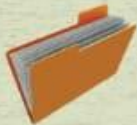
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DECISION BY THE COUNCIL

Accepted on condition

Approved

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## Constitution of The Institute of Geology Malaysia

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MyGeo

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SOON**



**GEOSCIENCE  
WEEK 2023**

**KUCHING, SARAWAK**

**20 – 26 FEBRUARY 2023**

**FORUM WITH STAKEHOLDERS &  
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**SEMINAR ON GEOLOGY OF  
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# 14TH ASIAN REGIONAL CONFERENCE OF IAEG

KOTA KINABALU, MALAYSIA

26 FEB - 3 MAR 2024

Coming  
Soon

## *Engineering Geology Role in Disaster Risk Management*

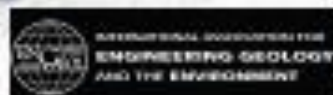
# FIRST ANNOUNCEMENT

### **Sub - Theme**

- Site Characterisation/Lab Testing and Problematic Grounds
- Geohazards (Landslides, Earthquakes, etc.)
- Engineering Geology in Wet Tropical Terrains
- Tunnelling for Infrastructures and Underground Facilities
- Marine Engineering Geology for Offshore Field Developments (Offshore Geohazards)
- New Technology in Engineering Geology (Renewable Energy)

### **Proposed Activities**

- Oral & Poster Presentation
- Workshop & Short Courses
- YEG Activity
- IAEG Asian Country Meeting
- Field Excursion



# XVII GEOSEA 2022

LANGKAWI MALAYSIA

17<sup>th</sup>-21<sup>st</sup> October 2022



## Advance Geoscience, Advance the Nation

Views expressed in this publication are not necessarily those officially representing the Institute of Geology Malaysia except where expressly stated.

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