

# IGM NEWS



Advance Geoscience,  
Advance the Nation

The electronic newsletter of the Institute of Geology Malaysia

April-June 2024

*For IGM members only*

Vol 4, Issue 6

## INSIDE THIS ISSUE

President's & Editor's Message  
BoG Strategic Plan 2023-2040  
Draft IGM Strategic Plan 2023-2030  
Upcoming IGM Activities April-June  
2024  
Previous IGM Seminar, Webinar &  
Workshop

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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). Its 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 2023/24

IGM Council for 2023/2024 as elected at the 32<sup>nd</sup> Annual General Meeting on 21 June 2023 are as follow:

### President

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

### Vice-President

P.Geol. Tuan Rusli Tuan Mohamed M.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. Dr Habibah Jamil M.I.G.M.

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

P.Geol. Yip Foo Weng F.I.G.M

P.Geol. Dr. Abdull Halim Abdul M.I.G.M.

### Council Members (1 year)

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

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

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

P.Geol. Hairil Azwan Razak M.I.G.M

# IGM CHAPTER, TECHNICAL COMMITTEE & WORKING COMMITTEE

The Council of Institute of Geology Malaysia (IGM) for 2023/2024 at the 1<sup>st</sup> Council Meeting held on 18<sup>th</sup> August 2023, 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. Jontih Engihon M.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

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

Technical Committee on Hydrogeology & Groundwater Resources

*Chairperson: P.Geol. Adam Hashim M.I.G.M.*

Technical Committee on Environmental & ESG

*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 & Energy

*Chairperson: P.Geol. Dr. Sarah Rahman M.I.G.M.*

Technical Committee on Disaster Risk Reduction

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

Technical Committee on GIS & Geotechnologies

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

Technical Committee on Geoheritage & Geotourism

*Chairperson: P.Geol. Mat Niza Abdul Rahman M.I.G.M.*

Technical Committee on Geohazards and Engineering Geology

*Chairperson: P.Geol. Dr. Abdull Halim Abdul M.I.G.M.*

## WORKING COMMITTEE

Working Committee on Promotion and Outreach

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

Working Committee on Membership

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

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

Working Committee on Continuous Professional Development (CPD) Coordination

*Chairperson: P.Geol. Dr Habibah Jamil M.I.G.M.*

Working Committee on Publications

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

Working Committee on Ethics & HSE

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

## 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.*

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.

Happy Geologist Day 2024 & Selamat Hari Raya Aidilfitri.

On behalf of IGM leadership and council, I would like to express my sincere wish to all Malaysian Geologist.

IGM NEWS responsible for disseminating information and recent news related to IGM activities as well as IGM response toward certain issues in our nation.

IGM will continue the initiatives on outreach and promotion programs to relevant federal and state government agencies on the importance of geoscience in decision making process. Thank you.

**P.Geol. Gs. ABD RASID BIN JAAPAR F.I.G.M. FGS MIGRSM**  
President 2023/24

## EDITOR'S MESSAGE



**P.Geol. 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 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 promote IGM activities and documenting the activities for IGM members.

Thank You

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

Chairperson

Working Committee on Publications

# BOG STRATEGIC PLAN 2023 - 2040



The BoG Strategic Plan 2023-2040 was successfully launched by Yang Berhormat Nik Nazmi bin Nik Ahmad, Minister of Natural Resources and Nature Sustainability (NRES) with BoG Chairman Datuk P.Geol. Zamri bin Ramli at the NRES Monthly Assembly at the JAKIM Auditorium, Putrajaya Islamic Centre on 14 March 2024. The BoG Strategic Plan 2023-2040 is a comprehensive document that details BoG's strategic planning, encompassing its direction, focus areas, and action plans in facing challenges and meeting the needs of stakeholders and customers. The BoG Strategic Plan comprises four Strategic Thrusts; ST1: Transparent and Effective in Our Delivery, ST2: Stakeholder Engagement and Communication, ST3: Ensuring Availability of Competent Geologists and ST4: Good Governance in Practice. Each of these Strategic Thrust is supported by two Strategic Objectives where BoG will serve as the lead initiator in conjunction with its various committees. The BoG Strategic Plan Document 2023-2040 can be found at the link below:

[https://www.bog.gov.my/component/rsfiles/download-file/files.html?path=Publication%252FBOG\\_SP2040\\_printed%2Bversion.pdf&Itemid=435](https://www.bog.gov.my/component/rsfiles/download-file/files.html?path=Publication%252FBOG_SP2040_printed%2Bversion.pdf&Itemid=435)



## **1. NEW VISION, MISSION AND TAGLINE**

### **VISION**

To be the premier geoscience institution for professional enhancement and practices in supporting the nation.

### **MISSION**

Institute of Geology Malaysia pledges to be an effective platform for competency and professional skill enhancement through extensive programmes and upholds the code of conduct for geoscience profession

### **TAGLINE**

ADVANCE GEOSCIENCE, ADVANCE NATION

## **2. NEW OBJECTIVES**

1. To be the central institution for professional development of geologists.
2. To provide platform for competency and professional skills enhancement.
3. To promote intellectual interaction amongst geologists and cooperate with other related professions, stakeholders and public.
4. To assist in regulating and upholding the dignity, standing and reputation of the profession of geology.
5. To promote and advance the application of knowledge, study and practice of geology.

## **3. IDENTIFIED CORE BUSINESSES**

1. Core Business 1 – Mineral and Geoscience Department (JMG) Requirements
  - a. geological disaster management and engineering geology
2. Core Business 2 – Petroleum and Marine Geology
  - a. Exploration
  - b. Development
  - c. Carbon, Capture & Storage (CCS) – Carbon Management
  - d. Decommissioning
  - e. Off-shore Geohazard

*Continued next page*

- 2. Core Business 2 – Petroleum and Marine Geology
  - a. Exploration
  - b. Development
  - c. Carbon, Capture & Storage (CCS) – Carbon Management
  - d. Decommissioning
  - e. Off-shore Geohazard
  
- 3. Core Business 3 – Environment (DOE)
  - a. Ground Contamination Management
  - b. Environmental Impact Assessment (EIA) Management
  
- 4. Core Business 4 – Mining and Quarrying
  - a. Operation and Management
  - b. Prospecting – Resource and Reserve Identification
  - c. Restoration and Rehabilitation
  
- 5. Core Business 5 – Climate Change
  - a. Climate Change Adaptation
  - b. Disaster Risk Management

#### 4. PROPOSED STRATEGIC PLAN

<b>Strategic Goal #1:</b> Support professional development and competency enhancement of geoscience practitioners.		
Strategic Action	Action Plan	Timeline
1. Identify major core business and competency gap.	i. Identify major core business.	Q1 2023
	ii. Identify competency gap and develop competency inventories	Q1 2023
2. Develop module and structured training programs	i. Develop competency-based training program.	Q2-Q3 2023
	ii. Conduct mentor-mentee program	Q2-Q3 2023

<p><b>Strategic Goal #2:</b> Promote intellectual interaction, collaborative partnerships and public outreach.</p>		
Strategic Action	Action Plan	Timeline
i. Strengthen collaborations between IGM-JMG and IGM-BOG.	To sign MOU with JMG and BOG	Q4 2023
i. Enhance communication and public outreach	<p>a. Any press statement to current issue must be responded promptly with council consensus.</p> <p>b. To write article to media (press release)</p> <p>c. Corporate video and flyers.</p>	<p>Continuous</p> <p>Quarterly</p> <p>Q4 2023</p>
ii. Create strategic partnership with geoscience institutions among local and international	<p>a. Benchmarking technical visit to the selected institutions.</p> <p>b. Engagement with industrial players and service providers.</p>	<p>Q4 2023</p> <p>Q3-Q4 2023</p>



# IGM SEMINAR, WEBINAR & WORKSHOP

## FUTURE SEMINAR & WEBINAR (APRIL-JUNE 2024)

NO	MONTH	PROPOSED DATE	TOPICS / THEMES	ORGANISATIONS
1	APRIL	4 April 2024	Tectonic & Basin Development	DGEG, IGM
2	APRIL	15-19 April 2024	Capacity Building on Geosite Mapping No. 1/2024	IGM, JMG, KWGM
3	MAY	TBC	GTM Workshop-SERIES 2	IGM

TBC: To Be Confirmed

## PREVIOUS SEMINAR, WEBINAR & WORKSHOP

NO	MONTH	DATE	TOPICS / THEMES	ORGANISATIONS
1	OCTOBER	21 October 2023	Workshop on Geoscience Education: Challenges & Directions	IGM
2	JANUARY	10 & 11 January 2024	Introduction to Carbon Capture & Storage	DGEG, IGM
3	FEBRUARY	3 February 2024	Application of Rose Diagram & Stereonet in Structural Analysis	DGEG, IGM
4	FEBRUARY	5-6 February 2024	Hydrogeology for Non-Hydrogeologist	UNITEN, IGM
5	MARCH	2 March 2024	Workshop: TOC preparation for Geological Works Reporting	IGM
6	MARCH	2 March 2024	Fieldwork: Geology of Bentong-Benta Area	DGEG, IGM
7	MARCH	12 March 2024	Webinar-Sustainable ISL Mining of IAC REE	IGM
8	MARCH	28 March 2024	Exploration Targets, Mineral Resources and Ore Reserves	IGM

## ADVERTISEMENT BOOKING FORM AND RATE CARD

### ADVERTISEMENT RATE

Position	Per Insertion	Position	Per Insertion
Back Cover	RM900	Inside Back cover	RM500
Inside Front Cover	RM700	Double Page Spread	RM700
ROP Full Page	RM300	ROP Half Page	RM150

### ADVERTISEMENT BOOKING FORM (Tick the appropriate boxes)

Issue	
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\*Enclosed herewith our cheque/transaction slip no: .....

For RM ..... made payable to Institute of Geology Malaysia

\*\*To invoice us. Payment will be made within **1 month** from date of invoice

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.....

Tel/HP : .....

Email : .....

Signature : .....

*Email this form and your advertisement in editable format to Working Committee on Publications, Institute of Geology Malaysia (email: secretary@igm.org.my )*



## **BECOME A MEMBER TODAY!**

IGM has five classes of membership and they are Fellows, Members, Licentiates, Associates and Graduate Members. Fellows, Members and Licentiates are corporate members of IGM. Members of IGM are elected or transferred to various classes of membership based on their qualification and experience as specified by the Council. Fellows, Members and Licentiates shall be Corporate Members of the Institute. Corporate Members of the Institute shall use the abbreviations corresponding to the respective class of membership as follows :

Fellow F.I.G.M

Member M.I.G.M

Licentiate L.I.G.M.

## **WE WELCOME ASSOCIATE MEMBERS!**

Associate Members of IGM shall be a person who has a diploma or degree in any professional discipline other than geology. He or she has demonstrated a keen interest in geology and has worked in projects or areas which required input by geologists. An Associate Member have full benefit except to vote and holding office in the council of IGM.

For the full list of benefits and membership rates, please visit :  
[www.igm.org.my](http://www.igm.org.my)

**THE  
INSTITUTE OF GEOLOGY  
MALAYSIA**





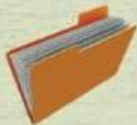
# FLOWCHART: APPLICATION FOR MEMBERSHIP (GRADUATE/MEMBER/ASSOCIATE/LICENTIATES)



**APPLICANT TO:**  
 DOWNLOAD APPLICATION FORM FROM IGM WEBSITE  
[www.igm.org.my](http://www.igm.org.my)  
 FILL THE APPLICATION FORM

**FEE** : RM70 / RM90  
 (Entrance + Class Fee)

Entrance : RM50.00  
 Graduate : RM20.00  
 Member : RM40.00  
 Licentiates : RM40.00  
 Associate : RM40.00



1) SUBMIT THE APPLICATION FORM TOGETHER WITH RELEVANT DOCUMENTS  
 VIA EMAIL: [secretary@igm.org.my](mailto:secretary@igm.org.my)  
 2) SUBMIT RECEIPT OF PAYMENT VIA WEBSITE AT [www.igm.org.my](http://www.igm.org.my)  
 "DEPOSIT NOTIFICATION FORM"

SECRETARIAT TO COMPILE AND CHECK

Not complete

RE-APPLICATION

Complete

SUBMISSION TO IGM MEMBERSHIP COMMITTEE



DECISION BY THE COUNCIL

Accepted on condition

Notify to applicant

Reject

Approved

TREASURER:  
 1. CONFIRM THE PAYMENT  
 2. ISSUE THE RECEIPT

Not complete

Complete

WEBMASTER ANNOUNCED LIST OF NEW MEMBERS IN WEBSITE



SECRETARIAT NOTIFY THE NEW APPLICANT VIA EMAIL  
 (NOTIFICATION EMAIL)

\*Please refer to "New Member Action" below.



COMPLETE REGISTRATION  
 INSTITUTE OF GEOLOGY MALAYSIA

**Notes:**  
 Member can apply for membership e-card via email at [secretary@igm.org.my](mailto:secretary@igm.org.my) or request via website at [www.igm.org.my](http://www.igm.org.my) (annually renew)

## Constitution of The Institute of Geology Malaysia

### NEW MEMBER ACTION:

1. After received registration notification, member can register to website at [www.igm.org.my](http://www.igm.org.my) -> my account -> Don't have an account
2. Upon website registration, you will received a verification email. Please verify the email.



**Message**  
 Your account has been created and a verification link has been sent to the email address you entered. Note that you must verify the account by selecting the verification link when you get the email and then an administrator will activate your account before you can login.

**Message**  
 Your email address has been verified. Once an administrator approves your account you will be notified by email and you can login to the site.

3. Once notified, you can login to website for any information provided.



# NGC 2024

37<sup>th</sup> National Geoscience Conference

*"Geoscience for a sustainable future"*

1<sup>st</sup> - 3<sup>rd</sup> October 2024



UNIVERSITI  
MALAYA

In conjunction with Faculty of  
Science 65<sup>th</sup> Sapphire Jubilee

Conference Dates have been  
changed from the First Circular



## Second Circular



**Venue:**

**Wyndham Grand Bangsar  
Kuala Lumpur**

The Geological Society of Malaysia is pleased to announce that the 37<sup>th</sup> National Geoscience Conference (NGC) will be held in collaboration with the Department of Geology, Universiti Malaya from 1<sup>st</sup>-3<sup>rd</sup> October 2024. The 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.

### Call for Papers:

We invite abstracts for Oral and Poster presentations that will fit the theme or sub-themes of the conference. Abstracts can be submitted to the email: [geologicalsociety@gmail.com](mailto:geologicalsociety@gmail.com)

Abstract template is provided in the conference website.

**Deadline: 01 August 2024**

Full manuscripts may also be submitted for publication in the Bulletin of the Geological Society of Malaysia or Warta Geologi.



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

## Themes/Sub-themes:

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

## Registration Fees:

Early Bird Registration: (till 15 August 2024)

- RM 500\* for GSM/IGM Members (with paper presentation)
- RM 600\* for GSM/IGM Members (without paper presentation)
- RM 700\* for non-GSM Members (inclusive of 1-year GSM membership)
- Student GSM Members - To be announced later

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

## Attractions:

- Post Conference Field trip
- Best Oral Presentation Award
- Best Poster Presentation Award
- BOG CPD Points

## Exhibition Booth charges:

- Size: 3 x 3 metres
- Limited to 15 booths
- Price: RM5000

## Contact us:

Email: [geologicalsociety@gmail.com](mailto:geologicalsociety@gmail.com)

Phone: 03-79577036

## Organising Chairman:

Dr. Meor Hakif Amir Hassan

Associate Professor,

Department of Geology, Universiti Malaya, Kuala Lumpur

Scan me



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



# 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.

## INSTITUTE OF GEOLOGY MALAYSIA

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