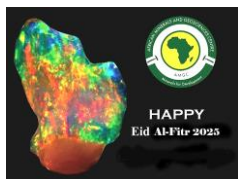




## AMGC Director General's Message



During the month of March 2025, AMGC, received professionals from the Tanzania Mining Commission. They were led by Mr. Affa Edward, a Senior Geologist from the Mining Commission Headquarter Dodoma. AMGC signed a MoU with

ICON Industrial Services (U) LTD from Uganda. AMGC, renew a two year's employment contract to a Senior Technician of the Industrial Minerals and Application Department. The Director General of AMGC, paid a courtesy visit to Sheikh Dr. Alhadi Musa Salim, the Chairman of the Association of Ethical, Peace, Patriotism, Human Rights compliance for Sectarian Denominations in Tanzania, (JMAT). As a man of peace he attended a joint Iftar of various religious leaders that was held on Friday 19/03/2025. AMGC received a team from Tanzania Broadcasting Corporation (TBC) for the purpose of preparing a Television (TV) programs on the mineral services and products of the Centre.

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**On 03<sup>rd</sup> March 2025, the African Minerals and Geosciences Centre (AMGC) received Mr. Fatlum Sopjan, a President of Fatlum Gold, Fatum Diamond, and Fatlum Jewelry companies for the aim of investing in Mining and Minerals Business.**

**Mr. Fatlum has expressed his interest in investing in a mining sector from exploration, mining, and business in Tanzania.**

**Furthermore, he discussed possible collaboration with AMGC in terms of mineral exploration, capacity building training, Geo-Information, and analysis of various geological samples from the mining site.**

**The Centre, at its capacity, promised for a fruitful working relationship with Mr. Fatlum and his company in the mentioned area of collaboration.**





**On 04<sup>th</sup> March 2025, the African Minerals and Geosciences Centre (AMGC), an ISO 9001:2015 Certified, received three visitors from Azam TV in Dar es Salaam, Tanzania.**

**The team was led by Ms. Mkwaji Masatu- Producer & Presenter and was accompanied by Ms. Haika Mrema- Camera operator and Ms. Fatma Hamadi - Assistant Camera Operator.**

**The aim of the visit was to familiarize with the activities performed by the Centre and discuss on the possible collaborations in initiating awareness programs within the member states of AMGC.**



**On 05<sup>th</sup> March 2025, the African Minerals and Geosciences Centre (AMGC), an ISO 9001:2015 Certified has received Mr. Fredrick Makori Mafuru, a graduate in BSc. Chemistry from University of Dodoma (UDOM), Tanzania.**

**Mr. Fredrick has joined the Centre as an apprentice for a nine months Internship Program in the Chemical and Environmental Department of AMGC so as to gain practical skills in analytical methods.**

**The Centre has continued to provide free of charge hands-on knowledge for capacity building through internship programs to young geoscientists and engineers from various institutions in the Member States.**





**On 10<sup>th</sup> March 2025, the Director General of the African Minerals and Geosciences Centre (AMGC) was invited to an Iftar Buffet at the residence of H.E. Ambassador of the Arab Republic of Egypt in Dar es Salaam, Tanzania.**

**It is worth mentioning that Egypt has expressed its interest in joining AMGC since 2015. Recently, there have been vigorous undergoing attempts to transform Egypt's observer status in AMGC Policy Organs to a fully active member state in the Centre.**



**On 11<sup>th</sup> March, 2025, the African Minerals and Geosciences Centre (AMGC), an ISO 9001:2015 Certified has signed a Memorandum of Understanding with ICON Industrial Services (U) LTD from Uganda, the member state of the Centre. ICON is a Ugandan oil and gas service company established in 2012 to carry out array of core analysis related services.**

**This event has been graced by the AMGC Board Member from Tanzania, Mr. Terence Thomas Ngole and the Director General of AMGC, Mr. Ibrahim Shaddad and witnessed by AMGC Quality Manager and Manager of Chemical and Environmental Department, Mr. Charles Buteta Athuman.**

**The scopes of this cooperation include working together as sister laboratories in the area of analytical work and ensuring capacity building between the two parties.**





On 11<sup>th</sup> March, 2025, Mr. Terence Thomas Ngole, the Assistant Commissioner for Minerals, Local Content and Corporate Social Responsibility at the Ministry of Minerals of Tanzania, attended February 2025 monthly management meeting of the African Minerals and Geosciences Centre (AMGC). Mr. Terence is the newly assigned board member representing Tanzania at the Board of Directors of AMGC. The meeting was held in the Board Room of AMGC at the Centre's premises in Kunduchi, Dar es Salaam.

Mr. Terence paid a familiarization tour to some technical departments of AMGC to acquaint himself with the development in enhancing the analytical infrastructure providing analytical services to the mining sector and geoscientific community in Africa and elsewhere. It is worth mentioning that Mr. Terence, as well as many giants in the mining sector of Tanzania, are products of the Centre through attending various training courses organized and coordinated by the Centre. Due to the diversified professional background of Mr. Terence will be added to the AMGC list of resource persons to share their vast experiences in on-job practical trainings and human capacity programs provided by the Centre.

Mr. Terence also graced and witnessed the event of signing a MoU with ICON Industrial Services (U) LTD from Uganda, the member state of the Centre. ICON is a Ugandan oil and gas service company established in 2012 to carry out an array of core analysis related services. Furthermore Mr. Terence Ngole received a gift from one of the special hand-made mugs produced by the ceramic section of AMGC as a souvenir for the recent celebration of the South Sudan joined AMGC and becoming its 9<sup>th</sup> member states

Mr. Terence Ngole ensured the sustainable support of Tanzania, the host country of AMGC, for overcoming challenges facing the Centre as well as exerting diplomatic efforts in collaboration with other AMGC's member states to overcome external threats suffocating the Centre. The management of the Centre looks forward to a continued good and constructive working relationship between AMGC and the Ministry of Minerals of Tanzania.









On 13<sup>th</sup> March, 2025, the African Minerals and Geosciences Centre (AMGC), an ISO 9001:2015 Certified received a team of two seniors from AFLAB Company Limited in Dar es Salaam, Tanzania. The team was led by Mr. Mikhail Semenov, the Chief Finance Officer who was accompanied by Ms. Tamari Kilinge Mbaru, the Director of AFLAB.



The objective was to discuss with the AMGC team on the Memorandum of Understanding for technical collaboration on mineral analysis infrastructure, including analytical equipment and training for capacity building.

The Director General of AMGC, Mr. Ibrahim Shaddad assured the AFLAB team that AMGC will provide all the required support so as to realize this cooperation for the interest of the Centre.

This discussion was also attended and participated by Mr. Bashiri Juma, the Finance and Administration Manager, together with Mr. Charles Buteta, the Quality Manager and Manager of Chemical and Environmental Department at the Centre.



On 14<sup>th</sup> March 2025, Mr. Ibrahim Shaddad, the Director General of the African Minerals and Geosciences Centre (AMGC), paid a courtesy visit to Sheikh Dr. Alhadi Musa Salim, the Chairman of the Association of Ethics, Peace, Patriotism, and Human Rights compliance for Sectarian Denominations in Tanzania (JMAT). Mr. Shaddad congratulated his friend, Sheikh Alhadi and the JMAT in this holy month of Ramadan and wishing all Tanzanians a blessed and peaceful Ramadan, may this holy month bring more peace, prosperity, joy, and spiritual growth to the whole nation in Tanzania, Africa and the whole world. Sheikh Alhadi was kind enough to extend a cordial



invitation to Mr. Shaddad in recognition that he is one among the stake holders of peace to attend the joint Iftar of various religious leaders that was held on Friday 19/03/2025, in the Hall of Police Officers Messy Oster bay, starting at 05:30 pm. The event also involved some government leaders, politicians, and famous people.







**On 17<sup>th</sup> March, 2025, the African Minerals and Geosciences Centre (AMGC), an ISO 9001:2015 renewed a two year's employment contract to a Senior Technician of the Industrial Minerals and Application Department Mr. James Mgalla. Based on performance, discipline, and behavior.**

**Mr. Mgalla started working at the Centre on 16 July 2008 as a laborer at the Industrial Minerals and Application Department and then was given a contract to become a junior staff as a ceramic decorator on 10/09/2008.**

**He was able to submit his diploma level academic credentials to the management of the Centre on 28 April 2023 and on 10 May 2023, the Centre re-categorized his position to a Senior Technician of the department and currently, he is the supervisor of the department.**



On 18<sup>th</sup> March 2025, the African Minerals and Geosciences Centre (AMGC) received Ms. Rose Masaka from Tanzania Broadcasting Corporation (TBC). Ms. Rose has visited the Centre for the purpose of preparing a Television (TV) programs on the mineral services and products of the Centre. These television programs will cover the role of Simple Ceramic Technology for the cottage industry and youth and female empowerment for irradiation of poverty and raise the level of standards of living in sustainable development. This first program will be at the Industrial Minerals Application Department (IMAD) of AMGC. Apart from that, a second TV program will be recorded on Semiprecious Gemstones Value Addition aiming to establish more cottage industry for youth and female empowerment, creation of jobs for sustainable development. Other TV program which will be recorded will include Mineral Processing and Small Scale Department (MPSSMD) for the purpose of capacity building to small scale mining on the best mineral processing technology in order to attain high recovery during mineral processing.

The Director General of AMGC appreciated the visit paid by TBC team, said a word of welcome TBC to the Centre, and promised to continue with the previous cooperation between AMGC and TBC because most of the past AMGC event has been recorded and broadcasting by TBC. Broadcasting these TV programs are scheduled to start on Wednesday 2<sup>nd</sup> April 2025 at 17:30hrs in AMGC premise in Kunduchi area, Dar es Salaam.





On 21<sup>th</sup> March 2025, the African Minerals and Geosciences Centre (AMGC) received professionals from the Tanzania Mining Commission. They were led by Mr. Affa Edward, a Senior Geologist from the Mining Commission Headquarter Dodoma. Other professionals included Eng. Joseph Ng'itu, a gemologist from Mining Commission Office Mahenge Morogoro, Ms. Salome Tilumanywa, a geologist & Gemologist from Mining Commission Office Morogoro Region and Mr. Kumbaia Maisangara, a senior geologist from the Mining Commission office in Dar es Salaam. The purpose of their visit was to get awareness on the activities, services and products which is produced by AMGC particularly in Industrial Minerals Application Department (IMAD) whereby they were explained the whole process of Simple Ceramic Technology, production of ceramic products, raw materials used to manufacture various ceramic products, tool, machines and equipment used in ceramic production.

Professional also visited Mineralogy, Petrology and Gemmology Department whereby they were briefed on all the activities which are conducted in this department including mineralogical, petrological and gemmological analysis of various rocks, minerals, soil, aggregates and gemstone identification. In this department, they were briefed on Semiprecious Gemstones Value Addition techniques, the way on how training are conducted for the aim of establishing the cottage industry for youth and female empowerment, and the creation of jobs for sustainable development.

The Director General of AMGC appreciated the visit paid by the professionals from Tanzania Mining Commission to the Centre, he ensured to continue with the previous efforts which were done in order to enable collaboration and cooperation between AMGC and Tanzania Mining Commission.



**On 28<sup>th</sup> March, 2025, the African Minerals and Geosciences Centre (AMGC), an ISO 9001:2015 Certified has received a team of two technical personnel from Africa Bio Systems Limited (ABL) Company. The team included**

- 1. Subhash Ambidy, Regional Business Dev. Manager- Analytical & Clinical Diagnostic**
- 2. Mr. Lotakajaki Daniel, Technical Sales Specialist**

**The visit aimed at discussing how to build technical collaboration on some analytical equipment such as CHNSO Analyzer and Precious Metals XRF so as to enhance the efficiency of technical services provided at the Centre.**

**Mr. Ibrahim Shaddad, the Director General of AMGC, assured the team of his support and pleaded for mutual benefits collaboration.**





## **APPRECIATION & GRATITUDE**

**The African Minerals and Geosciences Centre (AMGC) would like to express its much appreciation and gratitude to Tanzania, the host country of the Centre for fulfilling its financial commitments to the Centre for the current financial year 2024 - 2025 and arrears for Financial Year 2023 - 2024.**

**It is worth mentioning that Tanzania, the host country of the Centre has chaired the Centre Governing Council and hosted the Policy Organ Meetings for twenty-three (23) times since the establishment of the Centre in 1977.**



## **APPRECIATION & GRATITUDE**

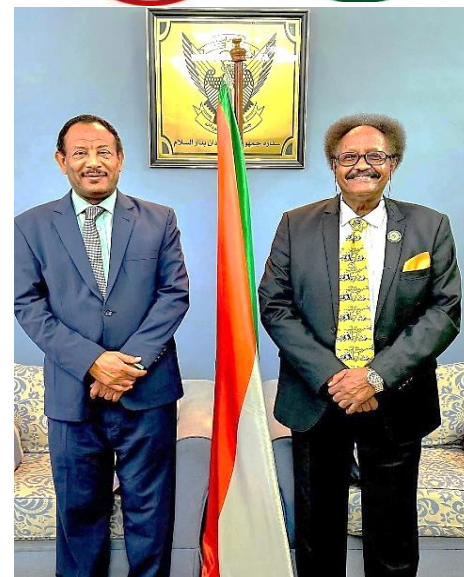
**The African Minerals and Geosciences Centre (AMGC) would like to express its much appreciation and gratitude to Kenya for fulfilling its financial commitments for the current financial year 01 July 2024 - 30 June 2025 to the Centre. It is worth mentioning that Kenya joined the Centre in July 2006 becoming the 7<sup>th</sup> member state, chaired the AMGC Governing Council and hosted the Policy Organ Meetings three times (May 2011, June 2014 and May 2015) and the coming one will be hosted by Kenya under the chairmanship of H.E. Hassan Ali Joho, the Cabinet Secretary for Mining, Blue Economy and Maritime Affairs in the Government of Kenya.**





## APPRECIATION & GRATITUDE

The African Minerals and Geosciences Centre (AMGC) would like to express its much appreciation and gratitude to the Sudan for fulfilling its financial commitments to the Centre. Mr. Ibrahim Shaddad, the Director General of the African Minerals and Geosciences Centre (AMGC) expresses much appreciation and gratitude for the arrangement which have been done to send the annual subscription of Ministry of Minerals on behalf of the Government of the Sudan through the Ministry of Foreign Affairs of Sudan to the Centre. The Sudan assures the sustainable support to AMGC and expresses his high concern to enhance the existing excellent and fruitful relationship and cooperation that the Sudan and AMGC share for strengthening beneficial partnerships to push for the Centre's mission and mandate in serving the Mining Sector and Geosciences community in the Sudan and African Countries. It is worth mentioning that the Sudan is the last member state to join the work force of AMGC in August 2010. The Sudan chaired the AMGC 33rd and 39th Governing Council Meetings hosted in Khartoum in 2013 and 2019 respectively. Sincerely recognizes the outstanding commitments and obligations



of the Government of Sudan to the Centre that enable it to implement its activities to its highest peak. The Sudan has been unreserved supporting the Centre in overcoming repeated financial constrain that the Centre is facing. The Sudan is ranking the second after Tanzania the host country of AMGC in utilizing the AMGC's mineral services and in this regard the Sudan contributes honorably in the 40% annual operational budget to be generated by the Centre. The Sudan is leading in timely fulfilling its annual subscription to the Centre and injecting additional funds through maximizing its beneficiation from mineral services particularly paid training courses provided by the Centre. Since Mr. Ibrahim Shaddad, the current Director General of AMGC has been fully on board in July 2015, a total of 440 paid training opportunities were provided to Sudanese professionals from Geological Research Authority of Sudan (GRAS), Sudanese Mineral Resources Company (SMRC), Ariab Mining Company (AMC) and Sudan's Gold Refinery. The Sudanese professionals have been trained in various on-job-training courses at the AMGC based in Dar es Salaam, Tanzania and one paid outreach training course held at the premises of GRAS in Khartoum.



## APPRECIATION



On behalf of the African Minerals and Geosciences Centre (AMGC) and myself, I wish to take this opportunity to thank Mr. Maruvuko Msechu from Mining Commission of Tanzania for his tenure as a former member of the Board of Director of AMGC representing the host country (Tanzania). Assuring him of our continued cooperation, we remain,

**Ibrahim Shaddad**  
**DIRECTOR GENERAL**

## CONGRATULATIONS



On behalf of the African Minerals and Geosciences Centre (AMGC) and myself, I have the honour to congratulate Mr. Terence Thomas Ngole, Assistant Commissioner, Local Content and Corporate Social Responsibility; Ministry of Minerals of Tanzania for been

Appointed member of the Board of Directors of AMGC. The management of the Centre looks forward to a continued good and constructive working relationship between AMGC and the Ministry of Minerals of Tanzania.

**Ibrahim Shaddad**  
**DIRECTOR GENERAL**





## CONGRATULATIONS



On behalf of the African Minerals and Geosciences Centre (AMGC) and myself, I have the honour to congratulate H.E. Estevão Rafael Pale for being appointed Minister for Mineral Resources and Energy of Mozambique. Mozambique, one of the founding member states of AMGC, has been unreservedly supporting the Centre since its establishment in 1977. Mozambique, one of the

Founding member states of AMGC, has been unreservedly supporting the Centre since its establishment in 1977. Due to Mozambique's significant contribution to the running of the AMGC as continental Centre of Excellence, has shouldered three times hosting Policy Organ Meetings of the Centre (i.e., 8<sup>th</sup> Governing Council Meeting held on 2-3 October 1987, 18<sup>th</sup> Governing Council Meeting held on 5 August 1998 and 27<sup>th</sup> Governing Council held on 31 May 2007) as well as more than four times the responsibility of chairing the Governing Council of the Centre. Mozambique has also been among the leading member states that are using the Centre's mineral services and training.

Out of the six Directors General managing the Centre since 1977, Mozambique was elected in 1996-2002 to manage the Centre by Dr. Antonio Maria Pedro, who is currently the Deputy Executive Secretary (Programmer Support) at the Economic Commission for Africa (ECA). Mr. Jorge Gerson Momade Daudo, Secretary of State for the Ministry of Mineral Resources and Energy of Mozambique, is a member of the AMGC Standing Committee of Officials and Mr. Alberto Fernando Manuel, the Environmental Geologist at the Ministry of Mineral Resources and Energy of Mozambique, is a member of the AMGC Board of Directors.

The Centre looks forward to continued support from Mozambique.

**Ibrahim Shaddad**  
**DIRECTOR GENERAL**



## APPRECIATION



On behalf of the African Minerals and Geosciences Centre (AMGC) and myself, I wish to take this opportunity to thank Dr. Cosmas Pitia Kujjo for the leadership during your tenure as Undersecretary of the Ministry of Mining in South Sudan. We, at the same time, congratulate him for being appointed Senior Technical Advisor to the Honourable Minister for Mining of South Sudan. AMGC, sincerely appreciates his outstanding efforts, which enabled the Government of

South Sudan to join the AMGC fraternity and become among the driving forces in the initiatives aimed at promoting sustainable development of the mineral sector in Africa. Looking forward to continued working relationship with him as well as seeking his advice in mining.

**Ibrahim Shaddad**  
**DIRECTOR GENERAL**

## CONGRATULATIONS



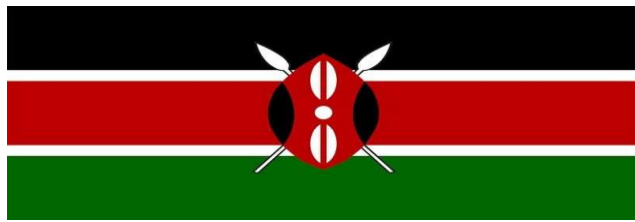
On behalf of the African Minerals and Geosciences Centre (AMGC) and myself, I have the honour to congratulate Dr. Matiok Satino Akuel for been appointed undersecretary to the Ministry of Mining of the Republic of South Sudan. Due to this fact, in his capacity as Undersecretary at the Ministry of Mining of South Sudan, he is automatically a distinguished member of the AMGC Standing Committee of Officials (SCO), which is Comprised of the

Permanent Secretaries or equivalent officers in the Ministries of Mining/Minerals of the AMGC member States, meets prior to the Governing Council meeting on the same date and location. The meetings are chaired by the Executive Secretary of the United Nations Economic Commission for Africa (UNECA) or his representative and deputy chair by current country chairing the Governing Council. The Standing Committee prepares the Governing Council meetings in more technical detail.

Dr. Matiok has been extended an open invitation to visit AMGC on any date and time convenient so that he could familiarize himself with the mineral services being provided by the Centre

**Ibrahim Shaddad**  
**DIRECTOR GENERAL**





## APPRECIATION, GRATITUDE & CONGRATULATIONS

On behalf of the African Minerals and Geosciences Centre (AMGC) and myself, I would like to take the opportunity to thank, appreciate, and express my gratitude to Mr. Elijah Mwangi for the leadership during his tenure as Principal Secretary for Mining in Kenya. The Centre

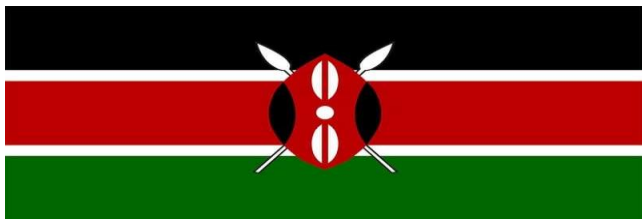


recognizes his able guidance and support, which enabled the Centre to implement its activities successfully.

At the same time, I have the honour to congratulate him for being appointed a Principal Secretary at the state department for sports.

Looking forward to continued formal and informal friendly relationships with him as well as seeking his advice, especially on mining issues.

**Ibrahim Shaddad**  
**DIRECTOR GENERAL**



## APPRECIATION, GRATITUDE & CONGRATULATIONS

**To: Ibrahim Shaddad**

**Director General, Africa Minerals and Geosciences Centre (AMGC)**

Allow me to express my deep gratitude and appreciation for the invaluable support AMGC, under your guidance and esteemed leadership, has extended to the State Department for Mining during my tenure as the Principal Secretary.

Through close collaboration, support and partnership, Kenya has immensely benefitted especially in the critical areas of research, capacity building for technical staff, access to literature and geological data and access to enhanced mineral



laboratory testing services. The Centre has also been a gracious host to me and the Cabinet Secretaries for Mining whenever we paid a visit to engage on diverse matters. The warm and cordial relations between Kenya and AMGC in regards to mining are demonstrated by the decision to host AMGC's regional meeting in Kenya. This is indeed a great honour and a continued testament to the remarkably tight ties and beneficial association Kenya enjoys with the Centre.

As I take over the sports docket, I am proud of the giant strides made in the mining sector through Kenya and AMGC's partnership. I remain confident that you will extend the same support, goodwill, and warmth to my successor PS towards transforming Kenya's mining landscape for the betterment of the communities and country.

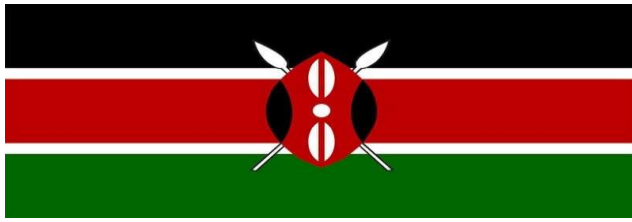
I warmly welcome your worthy wishes for my appointment to the State Department for Sports. Be assured that our warm relations cultivated over the years of our interactions with the Centre remain very dear to me. I remain available to offer advice; where I can; when I can.

Asante sana and best wishes.

**Elijah Mwangi, CBS**

**(Outgoing) Principal Secretary, State Department for Mining**





## CONGRATULATIONS

**On behalf of the African Minerals and Geosciences Centre (AMGC) and myself, I have the honour to congratulate Mr. Harry Kimtai for been appointed Principal Secretary for State Department for Mining at the Ministry of Mining, Blue Economy and Maritime Affairs of Kenya. Mr. Harry Kimtai is automatically a distinguished member of the AMGC Standing**



**Committee of Officials (SCO) which is comprised of the Permanent/Principal/State Secretaries or equivalent officers in the Ministries of mining/minerals of the AMGC member States. The SCO meets prior to the Governing Council meeting on the same date and location and the meetings are chaired by the Executive Secretary of the United Nations Economic Commission for Africa (UNECA) or his representative and deputy chair by current country chairing the Governing Council. The Standing Committee prepares the Governing Council meetings in a more technical detail based on recommendations of deliberations submitted by AMGC Board of Directors.**

**Ibrahim Shaddad  
DIRECTOR GENERAL**

# EVENTS

From 24<sup>th</sup> to 26<sup>th</sup> September 2025 at the Diamond Jubilee Hall in Dar es Salaam, Tanzania

Discover the latest innovations and connect with industry giants at Minexpo 2025.

Ready to take your business to new heights?

Secure your exhibit space now!

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International Mining & Machinery Trade Exhibition

9<sup>th</sup>

# MINEXP

## AFRICA 2025

EXHIBITORS  
FROM

**30**

COUNTRIES

VISITORS  
FROM

**11**

COUNTRIES

PROFESSIONAL

**4200+**

TRADE VISITORS

24 - 26 September | Dar-es-Salaam | Tanzania

**Register Now**



# EVENTS

## COLLOQUIUM OF AFRICAN GEOLOGY



Second Circular

Colloquium of  
African Geology  
**CAG30**



“Unveiling Africa’s Geological Resources: Forging a path for sustainable development”

September 23<sup>rd</sup>– 27<sup>th</sup> 2025 | Nairobi, Kenya

Organized by:



In partnership with:



# EVENTS

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# EVENTS

## Message from the President of The Geological Society of Africa.



The Colloquium of African Geology (CAG) is a major biennial meeting, held under the auspices of the Geological Society of Africa, where earth scientists from around the globe have the opportunity to present their research on topics of African geology to an international forum of their peers. It also offers an opportunity to initiate, develop and implement projects which promote interaction between Academia, Industry and Society.

During the 29<sup>th</sup> Colloquium of African Geology (CAG29), hosted by Namibia, it was announced that the Colloquium (CAG30) would be hosted by Kenya during the final week of September 2025. During the 30<sup>th</sup> edition, CAG will celebrate mark the 60<sup>th</sup>

anniversary of the CAG and the 30<sup>th</sup> edition. The first edition held in Leeds in the United Kingdom was a landmark one as it led to the propagation and acceptance of the scientific revolutionary concept of “the Pan African Orogeny”. The CAG has grown over the years to be regarded as the “Olympics of African Geology”. The theme of the event will be: ***“Unveiling Africa's Geological Resources: Forging a Path for Sustainable Development”***. The event will be attended by various industry players within the academia, scientific research, mining, exploration and geothermal sectors. Participation from the government, civil society partners and the media is also expected.

Career scientists from African countries and other developing regions are especially encouraged to regard this event as an opportunity to present their research to a wide audience, with participations from different sectors, countries, and continents. Kenya, the host country, boasts an interesting, heterogeneous geology covering some 2.6 billion years of earth history, with a wide variety of mineral deposits and mineralization styles, that have contributed - and still contribute- immensely to the country's economy. In addition, Kenya's impressive geomorphic landscapes have great potential for geotourism, while the host city, Nairobi, is a culturally diverse center of learning. Academically, the geoscientific sessions and excursions highlighted in this circular and following circulars promise to provide a deeper insight into the multi- faceted geological history of the African continent. I therefore enjoin all geoscientists globally, therefore, to start making plans to attend what will be an interesting and geologically fulfilling event, which will be held in Nairobi, Kenya from **23<sup>rd</sup> to 27<sup>th</sup> September 2025**.

Prof. Olugbenga Okunlola  
President Geological Society of Africa

# EVENTS

## Message from the Chairperson of the Local Organizing Committee



I warmly invite you to the 30th Colloquium of African Geology (CAG30), to be held in the attractive city in the sun - Nairobi, Kenya, from September 23<sup>rd</sup> to 27<sup>th</sup>, 2025. The theme of this year's colloquium is ***"Unveiling Africa's Geological Resources: Forging a Path for Sustainable Development"***. The Local Organizing Committee and the National and International Scientific Committee, supported by different sponsors, will put up an elaborate program. CAG30 is an opportunity to see and learn about Kenya.

Poised as the cradle of mankind and a great safari destination, Kenya's geology is also diverse. Located at the Equator, Kenya's geology is placed in a very unique position with Archean to Quaternary geology. The country is powered by geothermal energy drawn from the Rift Valley that is a major and also a host of several inland lakes. The 30<sup>th</sup> Colloquium will feature keynote addresses, oral presentations, poster sessions, call for workshops, training and field trips. Among the issues to be addressed will be the role of artificial intelligence in geological sciences in Africa, the geopolitics of strategic mineral resources and hydrogeology with emphasis on its sustainable utilization.

Equally, there will be exhibitions and meetings with experts from different fields such as research institutions, extractive industries and entrepreneurs both locally in Kenya and within Africa and far beyond. Come ready for opportunities to network and socialize. To you all participants from government and affiliated institutions, professional associations, mining companies, researchers & scholars, civil societies, political players and the media, you are welcome.

Looking forward to meeting you at the CAG30!

Geol. Joseph Ng'ang'a Kuria,  
President, Geological Society of Kenya





# EVENTS

## 1. Introduction

The Geological Society of Kenya is the principal organizer of the 30<sup>th</sup> Colloquium of African Geology (CAG30) on behalf of the GSAf, in cooperation with various stakeholders in mining, groundwater development, geotechnical and Engineering services, oil and gas industry, and more importantly, research and academia.

Geological resources have been instrumental as causes and underwriters of development in majority of African Nations. These resources have undoubtedly shaped every African across the value chains as well as their impact on the environment. CAG30 fosters a platform and framework for exploring the interconnectedness of natural resources exploration and development processes to sustainable development goals. The event will be held in Nairobi, Kenya between 23<sup>rd</sup> and 27<sup>th</sup> September, 2025 under the banner of “Unveiling Africa's Geological Resources: Forging a Path for Sustainable Development”.

The Geological Society of Kenya (GSK) and the Geological Society of Africa (GSAf) are professional associations that were formed to oversee and cater for the desires of geologists while ensuring professional integrity in geo- scientific undertaking world- wide. The Geological Society of Kenya, non- profit making and a non- political organization is celebrating 50 years since its inception in 1974, while CAG will be celebrating 60<sup>th</sup> birthday at the height of this conference. Both societies draw their funding from membership subscription, corporate membership and at times grants from institutional partners.

CAG30, just like previous meetings will be graced by international speakers, distinguished scholars and researchers and multinational geo- resources exploitation companies. This conference will be preceded by field trip and ended with similar charming geological excursion to wonderful sceneries across Kenya. This conference is expected to provide an avenue for different players to showcase their wares and expertise in geoscience skills, instrumentation, equipment and tools. Entrepreneurs and institutional leaders will have the podium to share experiences from all parts of the world

### 1.1. Proposed Overall Structure for CAG30

- ❖ Pre- CAG30 field trips
- ❖ Online registration opens on the conference website
- ❖ On- site registration opens, exhibition set- up
- ❖ Welcome reception and icebreaker
- ❖ Opening ceremony
- ❖ Scientific Program
- ❖ Gala Dinner
- ❖ GM Geological Society of Africa
- ❖ Business meetings and activities for accompanying participants
- ❖ Workshops and Short Courses
- ❖ Post- CAG29 fieldtrips

# EVENTS

## 2. Call for Proposals for Sessions, Business Meetings, Workshops and Short Courses

The Local Organizing Committee invites interested participants to submit proposals for:

### 2.1 Sessions

The sub- themes allow for multiple sessions with conveners. Interested participants wishing to convene sessions should send their proposals using the <https://www.jotform.com/form/250282551049050> The submissions deadline is 30<sup>th</sup> March 2025.

### 2.2 Workshops and Short Courses

Proposals are invited for workshops and business meetings to be held before, during, or after the conference. The submissions deadline is 30<sup>th</sup> March 2025. Only submissions received through the <https://form.jotform.com/250282119829056> will be reviewed.

### 2.3 Business meetings

The organizing committee invites potential delegates to organize business meetings to be held during CAG30. Proposals should be sent through the <https://www.jotform.com/build/250282821093049> before end of business 30<sup>th</sup> May 2025.

## 3. Exciting Field Excursions

Registrations for the following field excursions are invited.

*Note:*

- i. Pre- conference trips will end on 22<sup>nd</sup> September 2025 while post- conference trips will start from 28<sup>th</sup> September (Participants shall make a choice for one day, two days or three days trip(s) based on their preferences).
- ii. The Nairobi National Park trip on 26<sup>th</sup> September 2025 is encouraged for all Conference attendees who have very limited time to be away.
- iii. Trip Codes: GE = Geology Excursion

  = 1 Day Trips   = 2 Day Trips   = 3 Day Trips

COD E	SITE	TOWNS	PERIOD	COST @PA X	LEAD GEOL	DATE
1.	Journey Through Geologic Time - Exploring Ologisaille Prehistoric Site & Soda Ash Extraction at Lake Magadi and the Gregory rift Valley Formation	Nairobi-Magadi-Back Via Kibiko/Kimuk a	1 Day Post – Conference	USD 150	Dr. Rahab Kinyanjui	22 <sup>nd</sup> September 2025



# EVENTS

2.	Kenya's Olkaria Geothermal Well fields and Oserian Company.	Nairobi-Naivasha-Back Via Maai Mahiu	1 Day Pre Conference	USD 150	Geol. James Nyandigisi	22 <sup>nd</sup> September 2025
3.	The Great Rift Valley Lakes of Kenya: Tectonics, Modern and Paleo hydrogeology	Nairobi-Naivasha-Elementaita	1 Day Post Conference	USD 150	Dr. Lydia Olaka	28 <sup>th</sup> September 2025
4.	International Monitoring system station of the CTBTO, its role in geohazard mitigation and understanding of foundation stability of dams in the Mozambique mobile belt.	Nairobi-Ruiru-Thika/Ndaru gu-OldonyoSabuk- Back Via Thika Road	1 Day Pre Conference	USD 150	Dr. Dindi	21 <sup>st</sup> September 2025
5.	International Monitoring System station of the CTBTO, its role in geohazard mitigation and understanding of foundation stability of dams in the Mozambique mobile belt.	Nairobi-Ruiru-Thika/Ndaru gu-OldonyoSabuk- Masinga-Yatta- Back Via Machakos	2 Day Pre Conference	USD 450	Dr. Dindi	21 <sup>st</sup> - 22 <sup>nd</sup> September 2025
6.	Clay deposits and Paleo- glaciation of Mt. Kenya	Nairobi-Thika/Chania Falls- Chaka-Mukurweini	2 Day Pre Conference	USD 450	Prof. Ichang'i	21 <sup>st</sup> – 22 <sup>nd</sup> September 2025
7.	Workshop on UNESCO Global geoparks in Africa - Rift Valley & Western Regions of Kenya	NairobiNakuru-Kabarnet-Eldoret-Nandi Hills-Homa Bay-Back Via Narok	3 Day Post Conference	USD 600	Geol. Teopistor Sind	28 <sup>th</sup> ~ 30 <sup>th</sup> September 2025

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8.	The Tsavorite province of the Mozambique Belt, Recent Chyulu Hill Lava Flows and The Coastal Quaternary- Recent Sediments	Nairobi- Voi- Wundanyi- Mombasa Kwale- Back	3 Day Post - Conference	USD 600	Prof. Mathu and Dr. Waswa	28 <sup>th</sup> - 30 <sup>th</sup> September 2025
9.	Archean Green stone belt of Kenya – Precious metals Mineralization of Kakamega Gold Belt	Nairobi- Kapsabet- Kakamega- Kisumu- Back	3 Day Pre - Conference	USD 600	Geol. Sang & Geol. Nyakinye	20 <sup>th</sup> - 22 <sup>nd</sup> September 2025
10.	Kenya's geothermal Well fields	Nairobi- Naivasha- Nakuru- Loruk- Back	3 Day Post - Conference	USD 600	Dr. Anne Mwangi	28 <sup>th</sup> - 30 <sup>th</sup> September 2025
11.	Nairobi National Park	Nairobi	Mid- Conference	Rate Only (USD 5 – 80)	To be assigned	26 <sup>th</sup> September 2025

## 4. Registration

Registration for the event must be done using the official event website, <https://cag30nbi.org/registration>. A printable form is also available which must be filled and returned via email to the organizing committee.

The categories for registration including their required investment amount are outlined below.

Groupings	Early Bird	Late	On site
GSAf & Affiliates	KES 30,000.00	KES 40,000.00	KES 40,000.00
GSK Members	KES 30,000.00	KES 40,000.00	KES 40,000.00
IUGS Members	KES 30,000.00	KES 40,000.00	KES 40,000.00
Accompanying Person	KES 15,000.00	KES 20,000.00	KES 20,000.00
Non- Members	KES 40,000.00	KES 45,000.00	KES 45,000.00
Students	KES 15,000.00	KES 20,000.00	KES 20,000.00

## 5. Abstract Submission

Abstract for oral and poster presentations are to be submitted using the <https://www.jotform.com/form/250271887685571>. The accepted language is English and



# EVENTS

those submitting bear the burden of having their material translated. The deadline for abstract submission is 30<sup>th</sup> March 2025.

Submissions must conform to the general conference theme, and it is acceptable to submit in any of the sub themes and sessions described below.

SUB- THEMES CAG30	SESSIONS (Including and not limited to):
<b>T1. Trends in Development of Minerals in Africa</b>	<b>T1- S1</b> Strategic Mineral Resources in Africa
	<b>T1- S2</b> Geopolitics of Critical Minerals: Africa's Role in Global Supply
	<b>T1- S3</b> Artisanal and small- scale mining in Africa
	<b>T1- S4</b> Policy and Governance in Mineral Resource Development
	<b>T1- S5</b> Environment and Social Governance
	<b>T1- S6</b> Circular Economy and SDGs
<b>T2. Petroleum, Coal and Energy Resources Amidst Climate Change.</b>	<b>T2- S1</b> Petroleum resources in Africa
	<b>T2- S2</b> Role of Fossil Fuels in Africa's Energy Transition to carbon neutral economies
	<b>T2- S3</b> Nuclear Energy as a Low- Carbon Power Source
	<b>T2- S4</b> Carbon Capture, Utilization, and Storage (CCUS): A Path to Decarbonization
<b>T3. Geothermal Development Maximizing Geothermal Energy as a Key Green Energy Resource in Africa.</b>	<b>T3- S1</b> geothermal Exploration and development
	<b>T3- S2</b> Role of the Mineral Industry in the Green Hydrogen Energy Economy
	<b>T3- S3</b> Indirect utilization of Geothermal Energy
<b>T4. Geoscience Education. The Role of Geoscience Education in Promoting Development and Sustainability.</b>	<b>T4- S1</b> Exploring Geoscience Education Across Africa
	<b>T4- S2</b> Geoscience education and Outreach for All
<b>T5. Sustainable Development of Groundwater Resources in Africa: Challenges and Mitigation Measures for a Better Tomorrow.</b>	<b>T5- S1</b> Hydrogeology and water sustainability under a changing climate
	<b>T5- S2</b> Groundwater Quality
	<b>T5- S3</b> Groundwater exploration
	<b>T5- S4</b> Groundwater systems, modelling and Surface water interactions
	<b>T5- S5</b> Hazards related to groundwater
	<b>T5- S6</b> Managed Aquifer Recharge
<b>T6. Geo heritage, Geodiversity and Geo tourism</b>	<b>T6- S1</b> UNESCO Global Geoparks
	<b>T6- S2</b> Geo heritage and Geodiversity conservation and Management
	<b>T6- S3</b> Paleoclimate and paleoenvironment reconstruction

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<b>T7. Mineral Resource Exploration: Tools and Techniques</b>	<b>T7- S1</b> Innovation and integrated approaches in Geophysics
	<b>T7- S2-</b> Advances in geochemical exploration techniques, data interpretation and integration
	<b>T7- S3</b> Geotechnical Techniques in mining
	<b>T7- S4</b> Mineral Resource Assessment
	<b>T6- S5</b> Sea Bed Mining
<b>T8. AI and Machine learning in Geosciences in Africa.</b>	<b>T8- S1</b> Data - Driven Discovery in Geoscience
	<b>T8- S2</b> General Topics
<b>T9. Pan African Orogeny, Plate Tectonics and Earth Processes</b>	<b>T9- S1</b> Pan African Orogeny
	<b>T9- S2</b> Tectonics and Earth Surface Processes in Shaping Africa's Landscape and Climate
	<b>T9- S3</b> The Impact of Plate Tectonics on Africa's Natural Resources
	<b>T9- S4</b> General hazards
<b>T10. Ore deposit geology of Africa (Mineral Resources and ore forming processes)</b>	<b>T10- S1</b> Metallogeny and Ore Deposits in Africa
	<b>T10- S2</b> Gold Deposits: Enhanced Discovery and Development
	<b>T10- S3</b> Geological characterization and ore genesis of critical metals
	<b>T10- S4</b> New analytical techniques and equipment applied to ore deposits
	<b>T10- S5</b> New Discoveries and Developments
<b>T11: Engineering Geology and Geo techniques and Geohazards</b>	<b>T11- S1</b> Cross disciplinary Geo techniques for infrastructure resilience
	<b>T11- S2</b> Natural Geohazards
	<b>T11- S3</b> Human induced Hazards
	<b>T11- S4</b> Outreach and ways to increase Hazard Preparedness
<b>T12 Investments and Finance</b>	<b>T12- S1</b> Investments and Finance
<b>T13 Cross cutting Themes</b>	<b>T13- S1</b> GIS and Remote Sensing Applications
	<b>T13- S2</b> Digital Innovations in Geo techniques
	<b>T13- S3</b> Geological Surveys collaborations
	<b>T13- S4</b> Gender in Geosciences



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## 6. Publications

CAG30 is considering modalities for publishing selected papers in the Africa Journal of Earth Sciences. In addition, the organizing committee is considering publication of extended abstracts and short notes from both the oral and poster presentations where such material have not been selected for the journal publication. An endeavor towards publishing the conference proceedings is also under consideration

## 7. Sponsorship Opportunities

CAG30 is offering splendid Sponsor opportunities promising high brand visibility ensuring your message reaches a ripe audience in its most crisp form. General benefits enjoyable by sponsors include:

- i. Profile and position the company as an industry leader
- ii. A cost and time- effective marketing exposure to boost your brand recognition
- iii. Showcase products and services to targeted decision- makers
- iv. Opportunity to learn more about the industry from experts
- v. Opportunity to set up stronger alliances and new partnerships
- vi. Network with hundreds of professionals offering opportunities throughout the conference
- vii. Key mentions in most events at the conference

### PLATINUM [USD 40,000]

Platinum sponsorships are reserved for industry leading organizations. Certain elements are only available as part of this package, ensuring its exclusivity and unique value. This package will accord your institution the following benefits;

- Prominent recognition as a Platinum sponsor for the 30th Colloquium of African Geology 2025, orally and on printed and digital signage.
- Ten [10] full passes to 10 individuals from your institution to attend the full conference.
- Placement of two [2] corporate banners (1x2) m of your institution in the main conference area.
- Institutional logo will be included in all CAG30 pre- conference press announcements as a Platinum Sponsor
- Institutional logo and website link on the GSAf and GSK websites for a period of one full year from September 2025 – September 2026.
- Two exhibition booths 3\*3 M
- Opportunity to place Branded promotional material from your institution in the conference bag.
- Introduction of the Key- note speaker

### GOLD [USD 30,000]

Gold sponsorship package offers high visibility branding, marketing and advertising opportunities throughout the conference. Elevate your company brand with this sponsorship package. This package will accord your institution the following benefits;

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- Recognition as a Gold sponsor for the CAG30 2025, orally and on printed and digital signage.
- Eight [8] full passes to 8 individuals from your institution to attend the full conference.
- Placement of two [1] corporate banner (1x2) m of your institution in the main conference area.
- Institutional logo and website link on the GSAf and GSK websites for a period of six full months from September 2025 – February 2026.
- 3 \* 3 M exhibition booth
- Opportunity to place Branded promotional material from your institution in the conference bag.

## **SILVER [USD 20,000]**

Participation as a silver sponsor offers an excellent way to raise your company's profile at the event with a combination of promotional, online visibility and content- related benefits combined into a value- priced package. This package will accord your institution the following benefits;

- Recognition as a Silver sponsor for the 30th Colloquium of African Geology 2025.
- Five [5] full passes to 5 individuals from your institution to attend the full conference.
- Placement of one [1] corporate Banner of your institution in the main conference area.
- Institutional logo and website link on the GSAf and GSK websites for a period of three months between October- December 2025.
- Exhibition booth 3\*3 M

## **BRONZE [USD 10,000]**

Participation as a Bronze sponsor offers the best window to raise your Institution/company's profile at the event through online visibility and limited advertisement. This package will accord your institution the following benefits;

- Oral Recognition as a Bronze sponsor for the 30<sup>th</sup> Colloquium of African Geology 2025.
- Three [3] full passes to 3 individuals to attend the full conference
- Placement of one corporate banner (1x2) m of your institution in the main conference area.
- Institutional logo and website link on the GSAf and GSK websites for a period of one-month 2025.

## **IVORY [USD 5,000]**

Participation as an Ivory sponsor offers a perfect avenue to raise your Institution/company's profile at the event through online visibility.

- Two [2] full passes to 2 individuals from your institution to attend the full conference.
- Institutional logo on the GSAf and GSK websites for a period of one- month 2025.
- Placement of one corporate banner (1x2) m of your institution in the main conference area.



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Other sponsorship opportunities are available as detailed below:

## **OUTDOOR ADVERTISING [USD 10,000]**

This allows the sponsor to assist the organizers in advertising the Conference. Being outdoor, it provides the Sponsor with increased brand visibility. Below are the benefits under this sponsorship:

- Certificate of recognition as one of the CAG30 Sponsors
- Sponsor recognition in the Conference Booklet
- Web listing on the CAG30 (The 30<sup>th</sup> Colloquium of African Geology) website with a link to your company's website
- Display the Sponsor's name and logo on screens in the Conference sessions
- Opportunity to display digital banners and other marketing collateral at the Conference venue
- Two (2) complimentary delegate passes
- Key mentions in the during the conference
- Acknowledgement in the post- conference key messages

## **EXHIBITION AREA [USD 10,000]**

This is the opportunity for one (1) or two (2) Sponsors to support the organizers in the construction of the exhibition area. It gives exclusive branding and marketing of the Sponsor's service or product as all delegates will visit the Exhibition area. The following are the benefits under this sponsorship:

- Certificate of recognition as one of the CAG30 Sponsors
- Sponsor recognition in the Conference Booklet
- Web listing on the CAG30 website with a link to the Sponsor's website
- Display the Sponsor's name and logo on screens in the Conference sessions
- Opportunity to display digital banners and other marketing collateral at the Conference venue
- Opportunity to display banners/stickers in the Exhibition area (along with the event logo) at the Exhibition area
- Two (2) complimentary delegate passes

## **CONFERENCE BAGS, NOTEBOOKS AND PENS [USD 20,000]**

The above items will be distributed to all the conference registrants in the registration area. This is also a long- lasting investment that participants will keep after the event, hence an exclusive branding opportunity. The following are the benefits under this sponsorship.

- Certificate of recognition as one of the CAG30 Sponsors
- Sponsor recognition in the Conference Booklet
- Web listing on the CAG30 website with a link to the Sponsor's website
- Display the Sponsor's name and logo on screens in the Conference sessions
- Opportunity to display digital banners and other marketing collateral at the Conference venue
- Your branding printed on the cover of the notepads (along with the Conference logo)
- Your logo printed on each sheet of the notebook (along with the Conference logo)

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- Sponsor's logo printed on the pen (along with the Conference logo)
- Your logo is printed on the Conference bag (along with the event logo)
- Acknowledgement in the post-conference key messages
- Four (4) complimentary delegate passes

## CONFERENCE LANYARDS [USD 5,000]

Every attendee will wear a Conference name badge, and the Lanyard (neck string/strap) will be prominently around every delegate's neck. By including the Lanyard Sponsor's logo on the lanyard, the GSAF (Geological Society of Africa) and GSK (Geological Society of Kenya) logos, the Lanyard Sponsor will thus enjoy high brand visibility during the Conference. The following are the benefits under this sponsorship:

- Certificate of recognition as one of the CAG30 Sponsors
- Sponsor recognition in the Conference Booklet
- Web listing on the CAG30 website with a link to the Sponsor's website
- Display the Sponsor's name and logo on screens in the Conference sessions
- Opportunity to display digital banners and other marketing collateral at the Conference venue
- Sponsor's company logo will be displayed on the Conference Lanyards worn by at least all attendees during the Conference, thus providing maximum branding impact
- One (1) complimentary delegate pass

## CONFERENCE DINNER [USD 20,000]

- Certificate of recognition as one of the CAG30 Sponsors
- Sponsor recognition in the Conference Booklet
- Web listing on the CAG30 website with a link to your company's website
- Display the Sponsor's name and logo on screens in the Conference sessions
- Opportunity to display digital banners and other marketing collateral at the Conference venue
- Key mentions in most events during the Conference
- Opportunity to brand the dinner menu/tables/chairs
- Four (4) complimentary delegate passes;

## STUDENTS SPONSORSHIP [USD 10,000]

Sponsorship under this category will facilitate 10 Students from universities and technical colleges to attend the conference. The Sponsorship will include transport to the Conference, accommodation on half-board basis, an out-of-pocket allowance and conference registration fees.

- Certificate of recognition as one of the CAG30 Sponsors
- Sponsor recognition in the Conference Booklet
- Web listing on the CAG30 website with a link to the Sponsor's website
- Display the Sponsor's name and logo on screens in the Conference sessions
- Opportunity to display digital banners and other marketing collateral at the Conference venue



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- Opportunity to display banners/stickers in the Exhibition area (along with the event logo) at the Exhibition area
- Two (2) complimentary delegate passes

## OTHER SPONSORSHIP ITEMS

- Accreditation and Registration (USD 1,000)
- Conference Report/ Proceeding (USD 1,000)
- Conference Entertainment and Cultural Events (USD 1,000)
- Hospitality (USD 1,000)

*All to be included in conference booklet*

If you would like to partner to make this event a success, please contact the GSK secretariat on TEL +254791308357, email [cag30info@cag30nbi.org](mailto:cag30info@cag30nbi.org) or Geol. Dr. Anna Mwangi TEL +254721682675 email [treasurer@cag30nbi.org](mailto:treasurer@cag30nbi.org)

## 8. General Information

### VISA

All visitors including infants and children who intend to travel to the Republic of Kenya must have an approved Electronic Travel Authorization (ETA) **before** the start of their journey. For more information on visa requirements to visit Kenya, see <https://etakenya.go.ke/en>. The secretariat will provide an invitation letter for visa purposes to delegates who have paid the full registration fee.

### Venue

CAG30 will be hosted at The Safari Park Hotel, along Thika Road Superhighway. Safari Park Hotel is rated amongst the best hotels in Nairobi. The Hotel is renowned as a famous resort and Africa's largest and most exciting conference destination.

An oasis of tranquility in the heart of Nairobi, Safari Park Hotel blends stylish elegant African architecture with luxurious accommodation; sparkling water gardens, an inland beach, beautifully landscaped gardens and a wide selection of five specialty restaurants.

### Accommodation Contact

The CAG30 Secretariat can be reached for any information at the following address: [cag30info@cag30nbi.org](mailto:cag30info@cag30nbi.org) or [cag30nbi@gmail.com](mailto:cag30nbi@gmail.com)

## 9. Organizing committee

Prof. Olugbenga Okunlola: President GSAf

Dr. Adama Sangare: Secretary General

Dr. Asfawossen Asrat: Treasurer

Prof. Prosper M. Nude: Membership secretary

Dr Daniel Kwayisi: Editor/Information Officer

Prof. Yao Agbossoumonde: Vice- President (West)

Prof. Beneah Daniel Odhiambo: Vice- President (East)

# EVENTS

Prof. Nasrddine Youbi: Vice- President (North)  
 Mrs. Anna Karen Nguno: Vice- President (South)  
 Dr. Bongwele Onanga Guyghens: Vice- President (Central)  
 Mr Jean- Claude Ngaruye: Councillor (East)  
 Dr Kholoud Mohamed: Councillor (North)  
 Mr. Paulo Tangaña: Councillor (South)

## 10. Local Organizing Committee

Geol. Joseph Ng'ang'a Kuria - Chair  
 Geol. Dr Margaret Maimba - Co- Chair  
 Geol. Dr. Christine Omuombo -Vice- President GSK  
 Geol. Prof.Beneah Odhiambo-Vice-president GSAF E. A Region  
 Geol. Prof. Edwin Dindi - The University of Nairobi  
 Geol. Prof. Eliud Mathu - South Eastern Kenya University  
 Geol. James Alex Nyandigisi - Secretary GSK  
 Geol. Dr. Anna Mwangi - Treasurer GSK  
 Geol. Charles Kithome - Makueni County  
 Geol. Joseph Otieno - Commissioner of Petroleum  
 Geol. Enock Kipseba - Secretary, Geological Survey  
 Geol. Evans Masachi - Office of the Head of Public Service  
 Geol. Chrispus Sang - Shanta Gold Kenya  
 Geol. Dr Lydia Olaka - Senior Council Member, GSK  
 Geol. Dr Samson Oiro - Vice Secretary, GSK  
 Geol. Edmond Makhanu - Senior Council Member, GSK  
 Geol. Hillary Koech - Vice Treasurer, GSK  
 Geol. Mike Karanja- Energy and Petroleum Regulatory Authority  
 Geol. Teopistor Sind - Ministry of Mining, blue Economy and Maritime Affairs  
 Geol. Dr Stephen Okoth Owour - Ministry of Water sanitation and Irrigation  
 Geol. Josky Kisali - State Department for Petroleum  
 Geol. Eliud Wamwangi - Senior Consulting Geologist

## Advisory committee

Prof Aberra Mogessie  
 Prof. Olugbenga Okunlola  
 Mrs. Anna Nguno  
 Prof. Maina Gichaba

## 11. Scientific, Documentation and Technical Committee

### a) Local Committee

Geol. Dr. Olaka - Lead, The Technical University of Kenya  
 Geol. Prof. Edwin Dindi - The University of Nairobi  
 Geol. Prof. Zack Kuria - The Technical University of Kenya  
 Geol. Dr. Christine Omuombo - Vice President GSK, Technical University of Kenya  
 Geol. Dr. Isaac Kanda - Geothermal Development Company



# EVENTS

Geol. Dr. Gladys Kianji - Lecturer at the University of Nairobi  
 Geol. Godwin Mzumbi - State Department for Mining  
 Geol. Teopistor Sind - State Department for Mining  
 Geol. Martin Nyakinye - State Department for Mining  
 Geol. Charity Cheruiyot - Energy and Petroleum Regulatory Authority  
 Geol. Grace Nyokabi - State Department for Mining  
 Geol. Dr. Stephen Okoth - Ministry of Water, Sanitation and Irrigation  
 Geol. Collins Asseto - Head of Exploration in East Africa at Marula Mining  
 Geol. Lorna Njanja - State Department for Mining  
 Geol. Moses Misongo - The University of Nairobi

## b) Preliminary International Scientific Committee

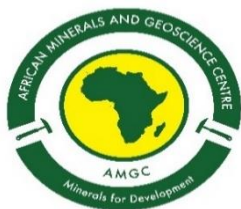
- |  |   |
|--|---|
| 1. Prof. Youssef Driouch, Morocco          | 25. Dr. George Mavunga, South Africa    |
| 2. Prof. Olugbenga Okunlola, Nigeria       | 26. Mr. Motsamai Kwadiba, Botswana      |
| 3. Dr. Paul Macey, South Africa            | 27. Prof. Mohammed Belkasmi, Morocco    |
| 4. Prof. Paul F. Hoffman, Canada           | 28. Prof. Mohammed Bouabdellah, Morocco |
| 5. Dr. Aline Melo, Ireland                 | 29. Prof. Hasnaa Chennaoui, Morocco     |
| 6. Prof. Wladyslaw Altermann, South Africa | 30. Prof. Omar Saddiqi, Morocco         |
| 7. Dr. Koen Torremans, Ireland             | 31. Prof. Nasrddine Youbi, Morocco      |
| 8. Dr. Murray Hitzman, Ireland             | 32. Dr. Ben Goscombe, Australia         |
| 9. Dr. Assinne Tshibubudze, South Africa   | 33. Prof. Reiner Klemd, Germany         |
| 10. Mr. Tunde Muritala Arisekola, Nigeria  | 34. Prof. Joachim Jacobs, Germany       |
| 11. Prof. Read Mapeo, Botswana             | 35. Mr. Bob Felix Ocitti, Uganda        |
| 12. Prof. Lopo Vasconcelos, Mozambique     | 36. Dr. Maideyi Meck, Zimbabwe          |
| 13. Dr. Felix Toteu, Cameroon              | 37. Prof Prosper M. Nude, Ghana         |
| 14. Dr. Thomas, Fullgraf, France           | 38. Prof Nasrddine Youbi, Morocco       |
| 15. Dr. Bob Thomas, South Africa           | 39. Dr Tamer Abu Alam, Egypt            |
| 16. Dr. Thomas Muedi, South Africa         | 40. Mr. Paulo Tanga, Angola             |
| 17. Prof. Ezzoura Errami, Morocco          | 41. Mr. Adama Sangare, Mali             |
| 18. Prof. Patrick Ledru, France            | 42. Dr Kholoud Mohamed, Egypt           |
| 19. Prof. Harald Stollhofen, Germany       | 43. Mr. Léon Bora Uzima Bahavu, DRC     |
| 20. Ms. Michelle Grobbelaar, South Africa  | 44. Prof. Beneah Odhiambo, Kenya        |
| 21. Dr. Vunganai Midzi, South Africa       | 45. Prof. Yao Agbossoumonde, Togo       |
| 22. Dr. Brassnavy Manzunzu, South Africa   | 46. Mr. Jean- Claude Ngarure, Rwanda    |
| 23. Prof. Raymond Durrheim, South Africa   | 47. Prof. Asfawossen Asrat, Botswana    |
| 24. Dr. Atalay Ayele, South Africa         | 48. Prof Mku Ityokumbul, USA            |
|  | 49. Prof. Nellie Mutemeri, South Africa |
|  | 50. Dr. Oliver Maponga, Zimbabwe        |

# EVENTS

51. Dr. Galen P. Halverson, USA
52. Prof. Alex Kisters, South Africa
53. Prof. Francis A. Macdonald, USA
54. Prof. Christie Rowe, Canada
55. Dr. Roger Smith, South Africa
56. Prof. Brigitte Senut, France
57. Dr. Martin Pickford, France
58. Dr. John Ward, South Africa
59. Prof. Fred Kamona, Zambia
60. Ms. Amna Ali, Sudan
61. Prof. Gregor Borg, Germany
62. Prof. François Guillocheau,  
France
63. Dr. S'lindile Buthelezi- Wela
64. Prof. Aberra Mogessie,  
Austria/Ethiopia
65. Dr. Rhokaya Simbine , Senegal
66. Prof. Mike Peterson, UK
67. Dr. Ish Natarajan, France
68. Prof. M. N. Tijani, Nigeria
69. Prof. A.S. Olatunji, Nigeria
70. Prof. U.A. Dambatta, Nigeria
71. Prof. Sam Dampare, Ghana
72. Prof. E. Arhin, Ghana,
73. Prof. Dan Asiedu, Ghana,
74. Prof. C. S. Nwajide, Nigeria
75. Prof. Mosto Onuoha, Nigeria
76. Prof. Ben Manpani, Namibia
77. Prof. E. Tse, Namibia
78. Dr. Absai Vatuva, Namibia
79. Dr. Gabi Schneider, Namibia
80. Mrs. Helke Mocke, Namibia
81. Dr. Ester Shalimba, Namibia
82. Dr. Gilbert Chongwain
83. Dr. Ansgar Wanke, Namibia
84. Mr. Aphary Muyongo, Namibia
85. Mr. Israel Hasheela, Namibia







**African Minerals and Geosciences Centre (AMGC)**

**KUNDUCHI CERAMICS**

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**Choose Kunduchi Ceramics**

DECORATE YOUR TABLE WITH HANDMADE CERAMICS

We, the Ceramics Unit of AMGC provide high quality ceramics at a fair price, reflecting nature's best! We concentrate on household items in complete sets, such as bowls, mugs, vases, plates, flower vases, candleholders and ashtrays. As a principle we only use locally available materials.

AMGC - African Minerals and Geosciences Centre is an inter-governmental organization based in Dar es Salaam, Tanzania.

Your individual ceramics: It is possible to order individual designs with names, company logos, special drawings or designs. Due to the nature of this order there will be a minimum order requirement. AMGC will consider other smaller quantities subject to prior confirmation. For further information please also contact Mr. Lucas Kalombola at +255758936934 or lucas@seamc.org

Website: [www.seamc.org](http://www.seamc.org) | Email: [seamc@seamc.org](mailto:seamc@seamc.org) | Tel: +255222850347 | Mob: +255707 345 793

The Industrial Minerals Application Department of the African Minerals and Geoscience Centre (AMGC) based in Dar es Salaam, Tanzania produces ceramic as well as provides training in ceramic simple technology. The photos of some of our products are posted on our website. The quality of handmade items is very good, resisted, and safe to use in microwaves, dish washer, and ovens. Our products are requested by hotels and diplomatic missions in Tanzania.

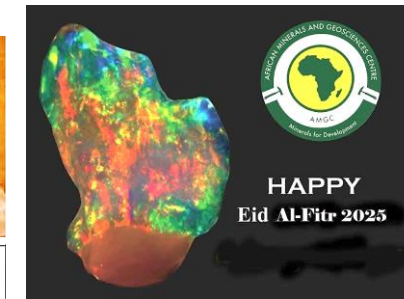
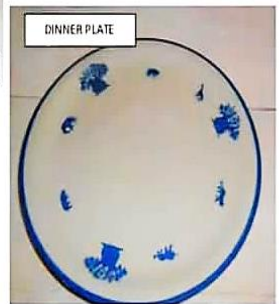
Regarding

- Delivery time - The lead time to delivery is two and half months from the day deposit has been received into our account.
- Terms of payments – Telegraphic transfer and mobile payment are the terms of payment. Minimum order is 1000 pcs.

Here are prices for some of the items produced and delivered in Dar es Salaam, Tanzania. All costs for transport and related customs taxes should be incurred by customers.

1. Serving dish with cover [flower decorations]	30.00 USD
2. Serving dish with cover [Blue colors]	30.00 USD
3. Teacup/saucer	0 4.00 USD
4. Mugs	04.00 USD
5. Condiment bowl	03.00 USD

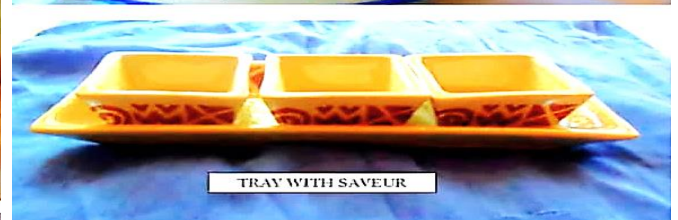
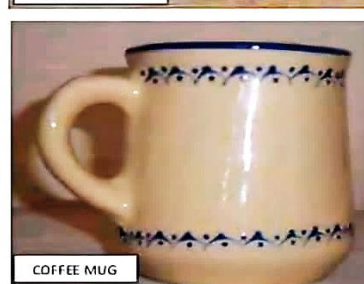
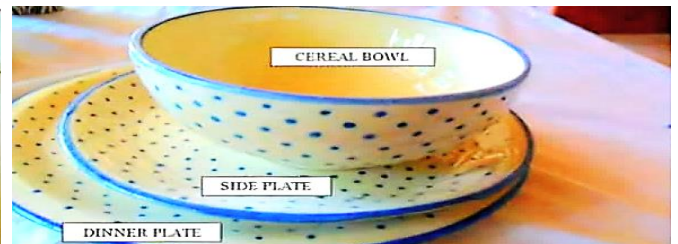








## KUNDUCHI CERAMICS - AMGC



## New Courses



**AMGC**

**New Courses**



The Mineralogy, Petrology and Gemology Department is happy to announce the following

**1**

new training courses

**2**

Gemstone/Mineral Estimation and Valuation

**3**

Jewelry Design



More info

[www.seamic.org](http://www.seamic.org)

[matokeo@seamic.org](mailto:matokeo@seamic.org)





## **NEW Training Courses**

African Minerals and Geosciences Centre (AMGC) is pleased to announce the introduction of four new courses Geostatistics, Petroleum Sciences and Resource Estimation in collaboration with Khartoum based Consulting firm called Knowledge and Training Centre (KTC). The course shall be facilitated by the Director of KTC, Dr. M. Zayed Award, an eminent specialist in the areas of Geostatistics, resource evaluation, stratigraphy, reporting, training and mentoring, risk and decision analysis, petroleum economics, project management. The training course will be organized in Dar es Salaam at the AMGC training facilities. The following training courses are going to be offered through this collaboration.

### **1. Fundamental of Petroleum Economics**

**Duration: One Week**

**Course fee: US\$ 1,200**

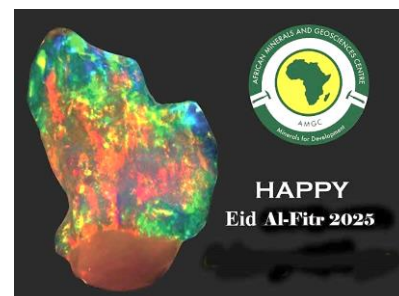
This course introduces the participants to requirements for conducting petroleum economics; different stages of the petroleum industry life cycle involving upstream, mid-stream and downstream sectors will be explained. Participants will learn how to construct a Cash Flow Model for oil and gas investment decision. They will also learn how to deal with the different financial components of petroleum cost, and classification of costs into OPEX and CAPEX. Net Cash Flow Stream analysis and computation of economic indicators (Yardsticks) such as NPV, IRR, PBP, MCE and DPI, and their interpretations are essential for petroleum investment decision-making. Cash Flow Adjustment using discount rates is also considered. Types of fiscal regimes will be explained; participant will also learn how to incorporate the fiscal parameters into a cash flow stream.

### **2. Geostatistical Mineral Resource Estimation**

**Duration: One Week**

**Course fee: US\$ 1,700**

The course will focus on the fundamentals of Geostatistical application in mining that are required for domain specification that are required for mineral resource estimation and will include hands-on training with Geostatistical software. Geostatistical conditional Simulations may be used to assess the uncertainty associated with the Reserves Evaluation at exploration, feasibility, and production stages. The simulations provide a range of potential reserves for the ore body's Tonnage, Metal Quantity and Recovered Grade.



## 1. Introduction to Oil and Gas Industry

**DURATION:** One Week

**Course fee:** US\$ 1,200

This course is designed for a wide-ranging of petroleum industry personnel. It is designed to provide green-hands technical, and non-technical personnel with practical petroleum industry life cycle. The course covers the key phases of the exploration, development and production industry as well as transportation and refining of crudes oils.

## 2. Geostatistics for Mining - foundation Course

**Duration:** Two Weeks

**Course fee:** US\$ 2,000

Geostatistics, in combination with other statistical methods, offers a wide range of mathematical tools that can be used to analyze, model, provide estimates and assess uncertainties, for different types of spatial phenomena, for example, grades or geological features. The course will focus on the fundamentals of Geostatistics and statistics and will include hands-on training with Geostatistical software.

## THE INSTRUCTOR



**Dr. M. Zayed Awad**, the former Sudanese Minister for Oil and Gas (September 2014-May 2017) BSc (Hons) from University of Khartoum, Sudan, MSc (Geol) from Technical University of Berlin (TU), PhD (Stratigraphy) from Technical University of Berlin (TU). Dr. Zayed is a university instructor with postgraduate qualifications in petroleum geology, stratigraphy, economic geology, Geostatistics, and relevant application soft wares. He has more than 35 years' experience in university teaching and more than 25 year's worldwide experience In the petroleum industry and training. He has supervised

MSc and PhD research ~~and~~ and reviewed several reports and research papers. He is the founder of Knowledge & Training Center (KTC) in Sudan, and he is active as a trainer since 2003. He worked on many projects and given training courses to hundreds of attendees on many aspects of geology. Dr. Zayed's skills are in Geostatistics, resource evaluation, stratigraphy, reporting, training and mentoring, risk and decision analysis, petroleum economics, project management. Dr. Zayed was the initiator and editor-in-Chief of the book titled "Petroleum Geology and Resources of the Sudan" published by Geozone (Berlin) in 2015.





## LIST OF TRAINING COURSES

Training Topics	Duration	Fee
<b>Finance and Administration Department (FAD)</b>		
<b>Leadership and Management Skills</b>	2 Weeks	\$1,500
<b>Financial Management Skills</b>	2 Weeks	\$1,500
<b>Executive Secretarial Skills</b>	2 Weeks	\$1,500
<b>Chemical and Environmental Department (CED)</b>		
<b>Spectrometric Methods of Analysis.</b>	2 Weeks	\$800
<b>Analysis of Gold and Other Base Metals</b>	2 Weeks	\$800
<b>Modern Laboratory Management Method</b>	2 Weeks	\$1,500
<b>Quality Management Section (QM)</b>		
<b>Laboratory Certification and Accreditation</b>	2 Weeks	\$1,500
<b>Modern Laboratory Management Methods</b>	2 Weeks	\$1,500
<b>Quality Control and Quality Assurance in Laboratories</b>	2 Weeks	\$1,500
<b>Laboratory Safety and Security</b>	2 Weeks	\$1,500
<b>Mineralogy, Petrology and Gemology Department (MPGD)</b>		
<b>Mineralogical and Petrological Sample Preparation and Analytical Techniques</b>	2 Weeks	\$800
<b>Gemstone Identification Techniques</b>	1 Week	\$400
<b>Gemstone Value Addition Techniques</b>	2 Weeks	\$800
<b>Usage of Benchtop X-ray Diffraction (XRD)</b>	2 Weeks	\$800
<b>Gemstone formation, mode of occurrences and mining methods</b>	2 Weeks	\$800
<b>Industrial Minerals Application Department (IMAD)</b>		
<b>Pottery for Beginners</b>	2 Weeks	\$800
<b>Mould Making</b>	2 Weeks	\$800
<b>Forming Techniques</b>	2 Weeks	\$800
<b>Decorations in Pottery and Ceramics</b>	2 Weeks	\$800
<b>Bricks &amp; Tiles Manufacturing [Clays]</b>	2 Weeks	\$800
<b>Glaze Formulation</b>	2 Weeks	\$800
<b>Body Composition Formulation</b>	2 Weeks	\$800



<b>Mineral Processing and Small-scale Mining Department (MPSSMD)</b>		
<b>Practical Mineral Processing and The Basic Mineral Processing Flowsheet</b>	2 Weeks	\$800
<b>Sampling and Sample Preparation for Laboratory Testing</b>	2 Weeks	\$800
<b>Artisanal and Small-Scale Mining Activities</b>	2 Weeks	\$800
<b>Techniques of Gold Cyanidation</b>	1 Week	\$800
<b>Mineral Economics</b>	2 Weeks	\$800
<b>Metallurgical Balance and Process Evaluation</b>	2 Weeks	\$800
<b>Extractive Metallurgy – Metallic Ore Deposits, Metal Extraction and Purification Processes</b>	2 Weeks	\$800
<b>Environmental Management in Mining</b>	1 Week	\$400
<b>Geo-information Department (GID)</b>		
<b>GIS and Remote Sensing for Mineral Exploration and Geological Mapping</b>	2 weeks	\$800
<b>Best Practices in Mineral Resource Estimation</b>	1 week	\$400
<b>Geodatabase Development for Web mapping</b>	2 weeks	\$800
<b>GIS and Remote Sensing Application for Geohazards</b>	1 week	\$400
<b>Integrated Mineral Exploration Techniques</b>	2 weeks	\$800
<b>GIS and Remote Sensing for Hydrological Applications</b>	1 week	\$400
<b>Open-Source GIS</b>	2 weeks	\$800
<b>Geochemical Exploration and Mapping</b>	2 weeks	\$1,200
<b>Structural Geology and Geotectonics in Mineral Exploration</b>	2 weeks	\$1,200
<b>Fundamental of Petroleum Economics</b>	1 week	\$1,200
<b>Geostatistical Mineral Resource Estimation</b>	1 week	\$1,700
<b>Introduction to Oil and Gas Industry</b>	1 week	\$1,200
<b>Geostatistics for Mining - foundation Course</b>	2 weeks	\$2,000
<b>Prospect Evaluation: Volumetric and Risk Analysis</b>	2 weeks	\$2,000





## MINERALOGY, PETROLOGY AND GEMMOLOGY SERVICES

The Mineralogy, Petrology and Gemmology Department utilizes the skills of its staff to address crucial issues in the mineral sector such as lack of technical knowledge on mineral testing and identification, evaluation, grading and value addition techniques.

### EXPERTISE

- ✓ Mineralogical and petrological sample preparation and analysis
- ✓ Mineralogical evaluation of industrial minerals, ore minerals and clays
- ✓ Gemstone identification and grading
- ✓ Specialized training in Gemmology, Gemstone Cutting and Polishing and Mineralogical and Petrological Sample preparation and Analytical Techniques.



Petrography and Gemmological Microscopes

### ANALYTICAL SERVICES

- ✓ Preparation of standard thin sections and polished sections
- ✓ Rock slabbing and polishing
- ✓ Rock core splitting
- ✓ Petrographic examination of thin sections and polished sections
- ✓ Evaluation of industrial minerals, ore minerals and clays
- ✓ Gemstone testing and identification
- ✓ Diamond grading
- ✓ Consultation and Expert opinion



Polishing Machine for Polished Mount Preparation

### TRAINING SERVICES

- ✓ Mineralogical and petrological sample preparation and analytical techniques
- ✓ Gemstone Characterization, Identification and Value Addition
- ✓ Gemstone Identification Techniques
- ✓ Gemstone Value Addition Techniques (Gem Cutting)
- ✓ Gemstone Cabochon making and Carving
- ✓ Gemstone Faceting
- ✓ Gemstone Identification, Value Addition and Trading



### Contacts

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**[seamic@seamic.org](mailto:seamic@seamic.org)**

***Minerals for  
Development***

**Find us on the Web:**

**[www.seamic.org](http://www.seamic.org)**

