



AMGC Director General's Message



During the month of April 2025, the African Minerals and Geosciences Centre (AMGC) received a formal familiarization visits from the following dignitaries:

- Hon. Matiok Santino Akuei (PhD), the undersecretary of the Ministry of Mining of the Republic of South Sudan.

- H.E. Mr. Fekadu Beyene Ayana, the Extraordinary & Plenipotentiary Ambassador of Federal Republic of Ethiopia to the United Republic of Tanzania.

- Prof. Mohammed Awadlkarim, the Vice-Chancellor of Zanzibar University.

The Director General of the AMGC, was honoured to be cordially invited to the King's Day Reception held by Embassy of the Kingdom of the Netherlands at the Ambassador residence in Dar es Salaam.

AMGC, an ISO 9001:2015 certified participated in a periodical quality surveillance audit conducted by SGS Tanzania so as to determine conformity of the quality management system to the services and products of the Centre.

Contents

AMGC, an ISO 9001:2015 certified participated in a surveillance audit so as to determine conformity of the quality management system to the services and products of the Centre. Page 1

AMGC received a high-level delegation led by the Vice-Chancellor of Zanzibar University Page 2-5

AMGC received a high-level delegation led by Hon. the Undersecretary of the Ministry of Mining of the Republic of South Sudan. Page 6-10

AMGC received H.E. Mr. Fekadu Beyene Ayana, the Extraordinary & Plenipotentiary Ambassador of Federal Republic of Ethiopia to the United Republic of Tanzania. Page 11-16

The Director General of the AMGC was honoured to be cordially invited to the King's Day Reception held by Embassy of the Kingdom of the Netherlands at the Ambassador residence in Dar es Salaam. Page 17

Appreciation, gratitude and congratulation. Events. Page 18-22
Page 23-42

Kunduchi Ceramics produced by AMGC. Page 43-45
Training Courses. Page 46-53

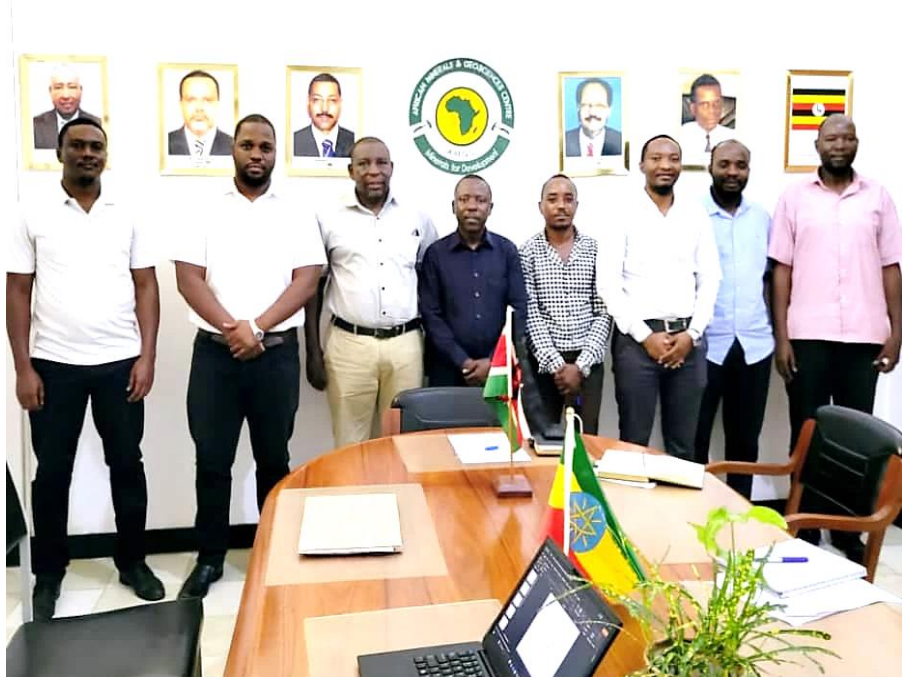




On 11th April, 2025 the African Minerals and Geosciences Centre (AMGC), an ISO 9001:2015 certified participated in a surveillance audit so as to determine conformity of the quality management system to the services and products of the Centre.

The audit was led by Mr. Ramadhani Nyambuka who was accompanied by other auditors namely; Mr. Gregory Mandari and Mr. Allen Mweteni both from SGS Tanzania.

The Centre has been participating in periodical quality audits as it holds an ISO 9001:2015 standard.



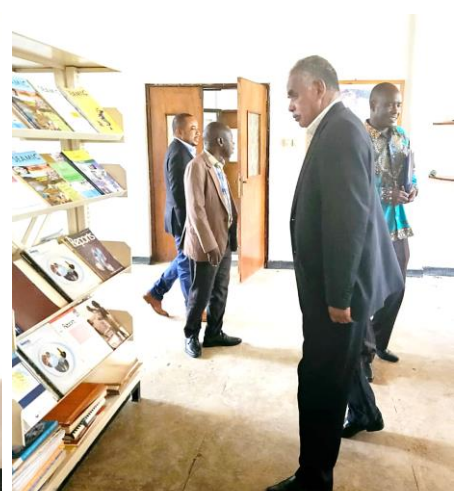
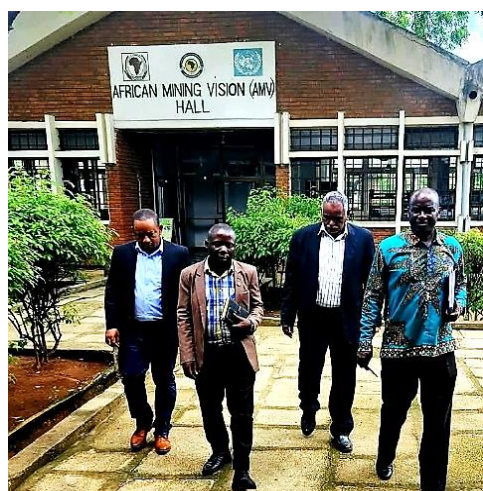


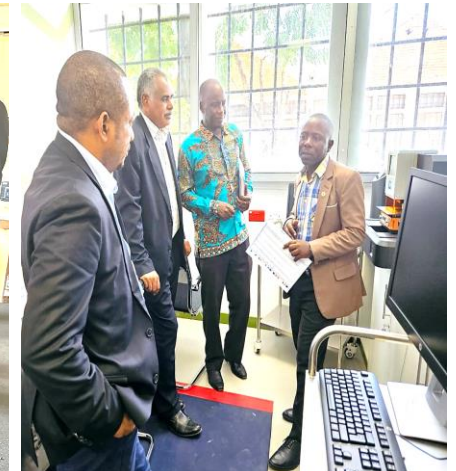
On 15th April, 2025, Pursue to previous communications, a high-level delegation from Zanzibar University (ZU) paid a familiarization visit to the African Minerals and Geosciences Centre (AMGC). The delegation was led by Prof. Mohammed Awadlkarim, the Vice Chancel accompanied by:-

- **Dr. Rashid Juma Rashid, Deputy Chancellor for Administration**
- **Mr. Anthony Norbet Oduor, Lecturer at the Faculty of Sciences**

The delegation toured the various technical facilities of AMGC and expressed its high impression regarding development of anayltical infrastructures and mineral services provided, including consultancy, training, and analysis. A memorandum of understanding will be signed so as the university could benefit from AMGC's mineral services for ZU staff, fresh graduates and undergraduate students particularly within the free of charge summer practical trainings for undergraduate students, internship program for fresh graduates as apprentices. Such free of charge services are provided as privileges to higher academic institutes of AMGC member states since these institutes are among the major stakeholders of the geoscientific community and mining industry in Africa.









On 16th April 2025, Hon. Matiook Santino Akuei (PhD), the undersecretary of the Ministry of Mining of the Republic of South Sudan, paid an official familiarization visit to the African Minerals and Geosciences Centre (AMGC). The Hon. Undersecretary was accompanied by the following delegation:

- Madam Adeng Joseph Marial, Charge d' Affaires a.t, at the Embassy of the Republic of South Sudan in Dar es Salaam, Tanzania
- Mr. Vincensio Omunjwok, Director for Training and Research
- Mr. Aliga Bethsmith William, Ag. Director for Technical Service
- Mr. Gum Agok Dek, Risk Management Officer
- Mr. Santrulino Modi, Second Secretary at the Embassy of the Republic of South Sudan in Dar es Salaam, Tanzania
- Mr. Anei Anei Akoon, Executive Secretary to Undersecretary
- Mr. Luach Aru Luach, Personal Assistant to the undersecretary
- Mr. Fris Peter, Protocol officer, Second secretary at the Embassy of the Republic of South Sudani in Dar es Salaam, Tanzania



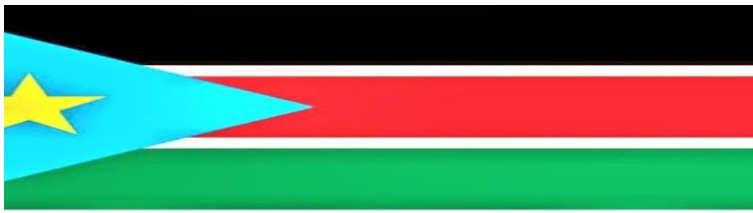
Mr. Ibrahim Shaddad, the Director General of AMGC, had the pleasure on behalf of the Centre to receive, welcome warmly the high level delegation, and he expressed his gratitude to Hon. the undersecretary for his much appreciated familiarization visit as well as the completion of the procedure of joining the esteemed Ministry of Mining of the Republic of South Sudan the membership of the Centre and becoming among its concentrated driving force as its member state number 9. Furthermore, the Director General of AMGC briefed the delegation regarding developments in the analytical infrastructure and challenges facing the Centre in its vision and mandate for the provision of mineral services. He escorted the distinguished visitors on a familiarization tour to various technical departments and units providing mineral services, including training, consultancy, and analysis to the mining sector and geosciences community in Africa and elsewhere.

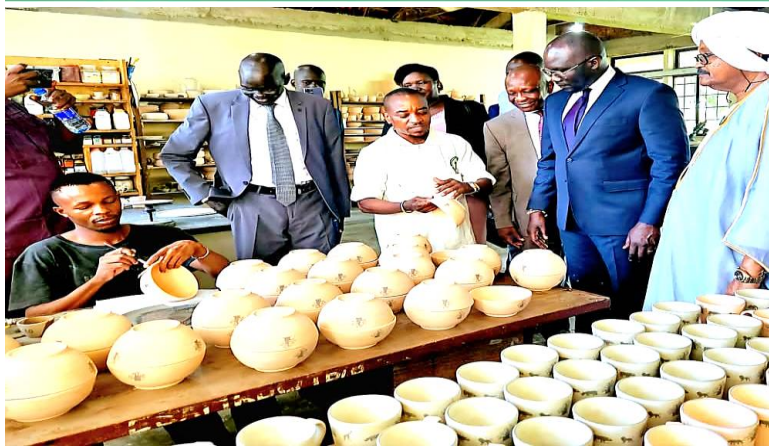


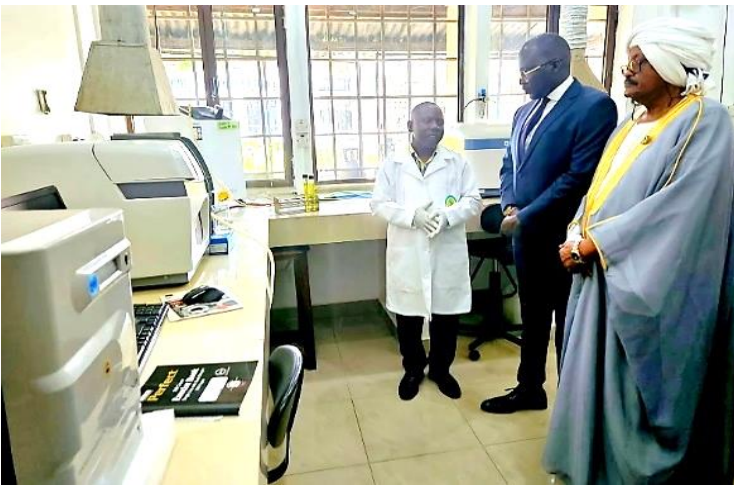
The Hon. Undersecretary assured the sustainable support of the South Sudan to the Centre. He expressed his high concern to enhance the initiated excellent and fruitful work relationship and cooperation that the South Sudan and AMGC will share for strengthening beneficial partnerships to push for the Centre's mission and mandate in serving the mining sector and geosciences community in the South Sudan and African Countries. Furthermore, he commended the much-appreciated mineral services provided by the Centre. He welcomed the efforts of AMGC to provide its mineral services to South Sudan so as to facilitate the development of its geoscience community and mining industry.

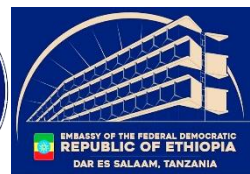
It is worth mentioning that, AMGC celebrated the South Sudan's accession to the Centre by organizing a ceremony on the occasion of raising up the South Sudan flag at the Centre's premises in Kunduchi Beach Area on 26th February, 2025. H.E. Martin Gama Abucha, the Minister for Mining of the Republic of South Sudan accompanied by a high delegation, participated in the ceremony and H.E. Martin Gama raised up the South Sudan flag at the Centre's premises in Dar es Salaam.











On 17th April 2025, the African Minerals & Geosciences Centre (AMGC) was greatly honoured by a formal familiarization visit paid by H.E. Mr. Fekadu Beyene Ayana, the Extraordinary & Plenipotentiary Ambassador of Federal Republic of Ethiopia to the United Republic of Tanzania. Mr. Ibrahim Shaddad, the Director General of AMGC, briefed H.E. Mr. Fekadu, among other issues regarding performance of the Centre, developments in analytical infrastructure, and challenges facing the Centre. Mr. Shaddad, in his capacity as the



Director General of AMGC and activist in Ethio-Sudanese Solidarity, was privileged to interact with a number of Excellences, the Ethiopian dignitaries, diplomats, officials and media persons. He expressed his great pleasure to have been communicating and meeting with successive Excellences Ethiopian Ministers and Deputy Ministers of Petroleum, Gas and Mines of Ethiopia as well as General Directors of the Geological Survey of Ethiopia (GSE, which renamed as Geological Institute of Ethiopia (GIE). The meetings discussed the reactivation of Ethiopia membership and maximization its benefit from AMGC and enjoy the 40% cost reduction from all mineral services provided by the Centre, including training, analyses, and consultancy

At the initial stage of the Centre, there were joint exploration and development projects where Ethiopia was the project of Abumareh – Gizen Area Exploration programme of 1980's. At a later year, the Centre's focus was realigned to capacity building to member states and regional projects were designed to support member states as well as analytical services being established to extend the provision of services made available to the member states including Ethiopia. The Centre is ready to respond to any mineral service requests in-house at its premises in Dar es Salaam and outreach cost sharing on job specialized trainings to be conducted at GIE's premises in Addis Ababa regarding the following:

- Gemology Basic Skills in gemstones identification, value addition and jewelry design covering important gemstone varieties which are found in Ethiopia in addition to various techniques in gemstone identification, gemstone grading, pricing and marketing, synthetic, imitations and treated gemstones. It will be provided mainly to the professionals of the GIE, related institutions, and community based groups in small-scale mining areas who would later use the acquired knowledge to train others.
- Assist GIE on testing of minerals and develop its analytics infrastructure and modern laboratory management and laboratory quality management system through training in theory, operation & maintenance of Atomic Absorption Spectrophotometer (AAS), X-Ray Fluorescence (XRF), the Inductive Coupled Plasma Optical Emission Spectrometry (ICP-OES) and XRD - X-ray Diffraction Instrument.
- MoU is proposed to be signed between AMGC and selected geoscientific and geotechnical academic institute in Ethiopia to go into partnership for joint research and development, experience sharing, consultancy projects as well as capacity building



It is worth mentioning that Ethiopia, one of the founding member states of the Centre, has been unreservedly supporting it since its establishment in 1977. Due to Ethiopia's significant contribution to the running of the Centre as a Centre of Excellence, Ethiopia shouldered more than three times hosting Policy Organ Meetings of the Centre as well as ten times the responsibility of chairing the Governing Council of the Centre. Out of the six Director Generals



Managing the Centre since 1977, Ethiopia was elected twice to manage the Centre, the first Director General was Mr. Mahdi Shumburo from Ethiopia, who served for 9 years during 1978-1986 and the fifth Director General was Mr. Ketema Tadesse, who served 9 years during 2006-2015. One of the departmental managers at the Centre was Mr. Mesfin Wubeshet of the Geo-information services, who had been employed as the only International Professional staff for 25 years. It is worth mentioning that the Centre's current premises in Dar es Salaam, Tanzania was constructed in 1990/91 and both the consulting architect and the contractor who built the buildings were Ethiopian companies, Getachew Bekele Architect and Berta Construction Company, respectively.

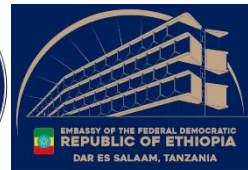
Ethiopia was elected Chair of the Board of Directors of the Centre from 1997 to 2006 chaired by Mr. Ketema Tadesse, former General Director of the Geological Survey of Ethiopia (GSE). In 2006, the Ethiopian General Director, Mr. Ketema Tadesse was appointed the fifth Director General of the Centre, and Angola took over the chairmanship of the Board of Directors. When the term of Mr. Ketema, as the Director General of AMGC, ended in 2015, Ethiopia resumed back its chairmanship for the Board of Directors and is serving up to now. From 2015 to 2019, the Board of Directors was chaired by Mr. Masresha Gebreselassie, former General Director of the GSE, from 2019 to January 2022 by Ms. Enatfenta Melkau Gebre, former Director General of the GSE and from January 2022 up to November 2023 by Dr. Dejene Haile Mariam, who during his tenure, the GSE was renamed the Geological Institute of Ethiopia (GIE), and from December 2023 to date by Mr. Ijara Tesfaye, the current general director of the GIE.

H.E. Mr. Fekadu Beyene Ayana expressed his gratitude to visit AMGC and confirmed Ethiopia as a regional champion, sustainable support to the Centre, fulfil financial commitments, and maximize its beneficiation from mineral services provided by the Centre to enjoy the 40% cost reduction from all mineral services provided by the AMGC including training, analyses and consultancy.











On 24th April 2025, Mr. Ibrahim Shaddad, the Director General of the African Minerals and Geosciences Centre (AMGC) was honoured to be cordially invited to the King's Day Reception held by Embassy of the Kingdom of the Netherlands at the Ambassador residence in Dar es Salaam, Tanzania on the evening.



It is worth mentioning that Mr. Ibrahim Shaddad acquired in the Netherlands his post graduate diploma and master degrees on Application of Remote Sensing Techniques in Structural Geology for Exploration by a field research in the multi-deformed area south Arkawit in Southern Red Sea Hills, SUDAN.



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 being up to date in 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.



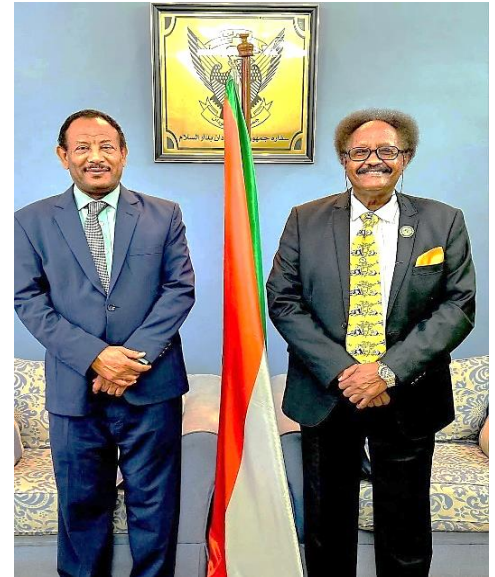
APPRECIATION & GRATITUDE

The African Minerals and Geosciences Centre (AMGC) would like to express its much appreciation and gratitude to Kenya for being up to date in fulfilling its financial commitments to the Centre untill 30 June 2025. It is worth mentioning that Kenya joined the Centre in July 2006 becoming the 7th 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 being up to date in fulfilling its financial commitments to the Centre untill 30 June 2025. Mr. Ibrahim Shaddad, the Director General of the African Minerals and Geosciences Centre (AMGC) paid a courtesy visit to H.E. Mr. Asm Mustafa, the Charge' affairs of the Sudan Embassy in Dar es Salaam, Tanzania on 6th September 2024 to express 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. H.E. Mr. Asm Mustafa assures the sustainable support of the Sudan to AMGC and expressed 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



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 & GRATITUDE

The African Minerals and Geosciences Centre (AMGC) would like to express its much appreciation and gratitude to Angola for being up to date in fulfilling its financial commitments to the Centre until 30 June 2025.

It is worth mentioning that Angola, one of the founding member states of AMGC, has been unreservedly supporting the Centre since joining the Centre on 23 May 1985. Angola shouldered more than once (in 2001 and 2009) hosting the Policy Organ Meetings of the Centre as well as chairing the Governing Council of the Centre. Out of the six Directors General managing the Centre since 1977, Angola was elected to manage the Centre from 2002 to 2006 by H.E. Dr. Diamantino Pedro Azevedo, the current Minister for Mineral Resources, Oil and Gas in Angola. H.E. Dr. Diamantino is the current Vice Chairman of the AMGC Governing Council.

Angola was elected Chair of the Board of Directors (BOD) of AMGC from 2006 to 2014 by Dr. Luis Antonio, the then Advisor of the Minister of Geology and Mines of Angola and now Director of Exchange Office at the Ministry of Mineral Resources, Oil and Gas of Angola. Currently Dr. Luis is the representative of Angola in AMGC Standing Committee of Officials. Mr. Canga Xiaquivuila, the Director General of the Geological Institute of Angola is the representative of Angola in AMGC Board of Directors.



CONGRATULATIONS

On behalf of the African Minerals and Geosciences Centre (AMGC) and myself, I have the pleasure to congratulate Dr. Hind Siddig Adam Hamed for being appointed Ag. Undersecretary for Minerals at the Ministry of Minerals of the Sudan. Dr. Hind will be automatically representing the Sudan as a distinguished member of the AMGC Standing Committee of Officials (SCO) which is comprised of the Permanent/Principal 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. The meetings of SCO 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, which is Kenya. The Standing Committee prepares the Governing Council meetings in a more technical detail.

Sudan, being among the member states of AMGC, has been unreservedly supporting the Centre since joining the Centre on October 9, 2010. Due to Sudan's significant contribution to the running of the AMGC as continental Centre of Excellence, has shouldered two times hosting Policy Organ Meetings of the Centre (i.e. 33rd Governing Council Meeting held on 26th - 30th May 2013 and 39th Governing Council Meeting held on 13th – 18th February, 2019). Sudan has been among the leading member states that are using the Centre's mineral services and training effectively.

AMGC avails itself of this opportunity to renew to the Ministry of Minerals of the Sudan the assurances of its highest consideration.

Ibrahim Shaddad
DIRECTOR GENERAL

EVENTS

From 24th to 26th 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!

<https://www.facebook.com/share/1BvBKAJhBe/>

Participate At

Region's Prime

International Mining & Machinery Trade Exhibition

9th

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

Save the Date!

11th International Conference of the African Association of Women in Geosciences (CAAWG11)
 You are cordially invited to the **11th International Conference of the African Association of Women in Geosciences (AAWG)**, a landmark event celebrating 30 years of empowering women in geosciences.
Theme: “GEOSCIENCES AND THE FUTURE OF AFRICA: Emerging Technologies, Innovations, and Inclusive Growth”
Date: October 1 - 4, 2025
Location: Kampala, Uganda
Organized by: African Association of Women in Geosciences (AAWG)

THE 11th INTERNATIONAL CONFERENCE FOR THE AFRICAN ASSOCIATION OF WOMEN IN GEOSCIENCES

CALL FOR PAPERS
 Submit your Abstracts for the 11th international Conference

You are invited to submit abstracts for the 11th International Conference of the African Association of Women in Geosciences (AAWG). Authors are to submit abstracts on the conference subthemes. Subthemes are to be found on <https://aawg.ug/>

DEADLINE OF SUBMISSION
 30th June, 2025

October 1-5, 2025
 Imperial Hotel Entebbe, Uganda

Upload your abstracts on <https://aawg.ug/abstracts>

Hosted by : Ugandan Association of Women in Geosciences (UAWG)

Join us for an inspiring and impactful gathering of geoscientists, researchers, leading experts, innovators, industry professionals and policymakers dedicated to advancing geosciences in Africa and beyond and to explore how cutting-edge geoscience technologies and breakthrough innovations are driving sustainable development and inclusive growth across the continent.

What to Expect:

- 👉 Inspiring keynote presentations
 - 👉 Workshops & Roundtables
 - 👉 Engaging panel discussions
 - 👉 Interactive networking sessions
- Field trip**

Cultural events celebrating Africa's rich heritage

Mark your calendars and be part of the conversation shaping Africa's tomorrow! More details on the conference will be provided soon.

#CAAWG11 #AAWG30Years #GeoscienceForAfrica #WomenInGeosciences #Innovation #InclusiveGrowth

EVENTS

COLLOQUIUM OF AFRICAN GEOLOGY



Colloquium of
African Geology
CAG30



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

September 23rd– 27th 2025 | Nairobi, Kenya

Organized by:



In partnership with:



EVENTS

Table of Contents

Message from the President of The Geological Society of Africa	3
Message from the Chairperson of the Local Organizing Committee	4
1. Introduction	6
1.1. Proposed Overall Structure for CAG30	6
2. Call for Proposals for Sessions, Business Meetings, Workshops and Short Courses	7
3. Exciting Field Excursions	7
4. Registration	9
5. Abstract Submission	9
6. Publications	12
7. Sponsorship Opportunities	12
8. General Information	16
9. ORGANIZING COMMITTEE	16
10. LOCAL ORGANISING COMMITTEE	17
11. SCIENTIFIC, DOCUMENTATION AND TECHNICAL COMMITTEE	17



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 29th 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 30th edition, CAG will celebrate mark the 60th

anniversary of the CAG and the 30th 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 **23rd to 27th 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 23rd to 27th, 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 30th 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 30th Colloquium of African Geology (CAG30) on behalf of the GSf, 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 23rd and 27th 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 (GSf) 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 60th 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 30th 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 30th 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 30th May 2025.

3. Exciting Field Excursions

Registrations for the following field excursions are invited.

Note:

- i. Pre-conference trips will end on 22nd September 2025 while post-conference trips will start from 28th 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 26th 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/Kimukaa	1 Day Post Conference	USD 150	Dr. Rahab Kinyanjui	22 nd 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 nd 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 th 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 st 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 st - 22 nd 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 st – 22 nd 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 th ~ 30 th September 2025

EVENTS

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 th - 30 th 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 th - 22 nd September 2025
10	Kenya's geothermal Well fields	Nairobi- Naivasha- Nakuru- Loruk- Back	3 Day Post - Conference	USD 600	Dr. Anne Mwangi	28 th - 30 th September 2025
11	Nairobi National Park	Nairobi	Mid- Conference	Rate Only (USD 5 – 80)	To be assigned	26 th 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 30th 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):
T1. Trends in Development of Minerals in Africa	T1- S1 Strategic Mineral Resources in Africa
	T1- S2 Geopolitics of Critical Minerals: Africa's Role in Global Supply
	T1- S3 Artisanal and small- scale mining in Africa
	T1- S4 Policy and Governance in Mineral Resource Development
	T1- S5 Environment and Social Governance
	T1- S6 Circular Economy and SDGs
T2. Petroleum, Coal and Energy Resources Amidst Climate Change.	T2- S1 Petroleum resources in Africa
	T2- S2 Role of Fossil Fuels in Africa's Energy Transition to carbon neutral economies
	T2- S3 Nuclear Energy as a Low- Carbon Power Source
	T2- S4 Carbon Capture, Utilization, and Storage (CCUS): A Path to Decarbonization
T3. Geothermal Development Maximizing Geothermal Energy as a Key Green Energy Resource in Africa.	T3- S1 geothermal Exploration and development
	T3- S2 Role of the Mineral Industry in the Green Hydrogen Energy Economy
	T3- S3 Indirect utilization of Geothermal Energy
T4. Geoscience Education. The Role of Geoscience Education in Promoting Development and Sustainability.	T4- S1 Exploring Geoscience Education Across Africa
	T4- S2 Geoscience education and Outreach for All
T5. Sustainable Development of Groundwater Resources in Africa: Challenges and Mitigation Measures for a Better Tomorrow.	T5- S1 Hydrogeology and water sustainability under a changing climate
	T5- S2 Groundwater Quality
	T5- S3 Groundwater exploration
	T5- S4 Groundwater systems, modelling and Surface water interactions
	T5- S5 Hazards related to groundwater
	T5- S6 Managed Aquifer Recharge
T6. Geo heritage, Geodiversity and Geo tourism	T6- S1 UNESCO Global Geoparks
	T6- S2 Geo heritage and Geodiversity conservation and Management
	T6- S3 Paleoclimate and paleoenvironment reconstruction

EVENTS

T7. Mineral Resource Exploration: Tools and Techniques	T7- S1 Innovation and integrated approaches in Geophysics
	T7- S2- Advances in geochemical exploration techniques, data interpretation and integration
	T7- S3 Geotechnical Techniques in mining
	T7- S4 Mineral Resource Assessment
	T6- S5 Sea Bed Mining
T8. AI and Machine learning in Geosciences in Africa.	T8- S1 Data - Driven Discovery in Geoscience
	T8- S2 General Topics
T9. Pan African Orogeny, Plate Tectonics and Earth Processes	T9- S1 Pan African Orogeny
	T9- S2 Tectonics and Earth Surface Processes in Shaping Africa's Landscape and Climate
	T9- S3 The Impact of Plate Tectonics on Africa's Natural Resources
	T9- S4 General hazards
T10. Ore deposit geology of Africa (Mineral Resources and ore forming processes)	T10- S1 Metallogeny and Ore Deposits in Africa
	T10- S2 Gold Deposits: Enhanced Discovery and Development
	T10- S3 Geological characterization and ore genesis of critical metals
	T10- S4 New analytical techniques and equipment applied to ore deposits
	T10- 05 New Discoveries and Developments
T11: Engineering Geology and Geo techniques and Geohazards	T11- S1 Cross disciplinary Geo techniques for infrastructure resilience
	T11- S2 Natural Geohazards
	T11- S3 Human induced Hazards
	T11- S4 Outreach and ways to increase Hazard Preparedness
T12 Investments and Finance	T12- S1 Investments and Finance
T13 Cross cutting Themes	T13- S1 GIS and Remote Sensing Applications
	T13- S2 Digital Innovations in Geo techniques
	T13- S3 Geological Surveys collaborations
	T13- S4 Gender in Geosciences

EVENTS

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;

EVENTS

- 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 30th 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.

EVENTS

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 30th 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)

EVENTS

- 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

EVENTS

- 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 or Geol. Dr. Anna Mwangi TEL +254721682675 email 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 or cag30.nbi@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 Tanganha: 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 Klemm, 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 Tanganha, 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





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 | 04.00 USD |
| 4. | Mugs | 04.00 USD |
| 5. | Condiment bowl | 03.00 USD |



COFFEE MUG LARGE



FISH PLATE



COFFEE MUG



LARGE SERVING BOWL



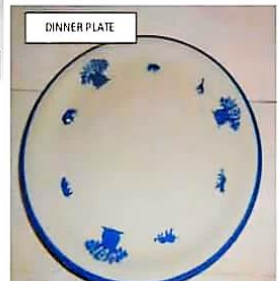
BOWL WITH LID



1. FLOWER VASE, 2. FLOWER VASE, 3. MILK JAR, 4. WINE GOBLET



EGG CUP



DINNER PLATE



1. WATER COOLER, 2. FLOWER VASE MEDIUM, 3. TEA CUP, 4. BUTTER DISH, 5. SUGAR CONTAINER, 6. CEREAL BOWL, 7. DINNER PLATE, 8. TEA POT SMALL

BLUE COLOUR



TWIG TEA POT

TEA POT BLUE



CEREAL BOWL



ASH TRAY



SIDE PLATE



CEREAL BOWL

SIDE PLATE

DINNER PLATE



NGALAWA BOWL



TWIG TEA POT



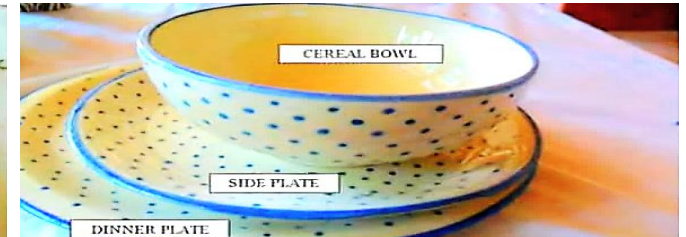
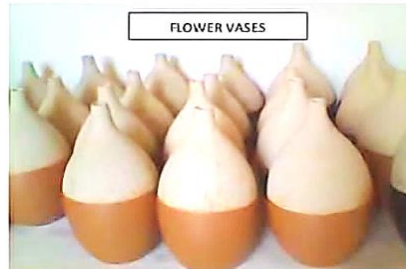
FLOWER VASE MEDIUM



CEREAL BOWL



KUNDUCHI CERAMICS - 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

www.seamic.org

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 students 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.

AFRICAN MINERALS AND GEOSCIENCES CENTRE (AMGC)



GEO-INFORMATION DEPARTMENT SURPAC TRAINING COURSE DETAILS

CHAPTER ONE: COURSE INTRODUCTION

This course is designed to provide geologists with a comprehensive understanding and practical skills in using GEOVIA Surpac, one of the leading 3D modeling and mine planning software tools in the mining industry. Tailored specifically for geological applications, the training focuses on the complete workflow from data import and validation, geological interpretation, wireframing, and block modeling to resource estimation and reporting. Whether you're new to Surpac or seeking to enhance your geological modeling capabilities, this course equips you with the tools and techniques needed to deliver accurate, efficient, and professional results in exploration and mining projects.

LEARNING OBJECTIVES

By the end of this course, participants will be able to:

- Navigate and use Surface's interface and key geological tools.
- Import, manage, and validate geological and survey data.
- Create and interpret lithological models and wireframes.
- Perform block modeling and resource estimation.
- Apply Geostatistical analysis for grade interpolation.
- Generate geological maps, sections, and reports.

LEARNING MATERIALS

- Geological data set (will be provided by trainer or user)
- Software

TARGETED GROUPS

- Geologists and Geosciences professionals
- Mineral exploration Professionals
- Mining Companies
- Minerals Valuer & Academicians and Researchers.

CHAPTER TWO: SCHEDULE AND TOPIC COVERED

This is a two weeks training with the ten working day as follows:

Day 1-2: Introduction and Data Management

1. Introduction to GEOVIA Surpac and its role in geology
2. User Interface (UI) navigation and customizing workspace
3. Project setup and directory structures
4. Importing geological, topographic, and survey data (CSV, DAT, DXF)
5. Coordinate systems and datum setup
6. Creating and managing string files
7. Database creation and validation (drillhole database)
8. Exercise: Importing and viewing drillhole data

Day 3-4: Drillhole Management and Geological Modeling

1. Drillhole display setup (collars, survey, assay, geology)
2. Validating and correcting drillhole errors
3. Creating downhole plots and sections
4. Coding lithology and alteration from logs
5. Compositing assay data
6. Geological domaining (numeric and coded)
7. Exercise: Geological modeling and drillhole compositing

Day 5-6: Surface and Solid Modeling

1. Creating and editing digital terrain models (DTMs)
2. Manual digitizing of lithological contacts on sections
3. Interpreting cross-sections and string linking
4. Creating geological solids (wireframes) from strings
5. Validation and cleaning of solids

6. Exercise: Build a geological model from drillhole data

Day 7-8: Block Modeling and Resource Estimation

1. **Creating a block model framework**
2. **Defining block model attributes**
3. **Coding blocks using wireframes and lithology**
4. **Grade estimation methods: IDW, Nearest Neighbor, Kriging**
5. **Variogram modeling (intro)**

6. Estimation runs and validation

7. Exercise: Build and populate a block model with grades

Day 9-10: Reporting, Visualization and Advanced Tools

1. **Resource classification and reporting (JORC/SAMREC basics)**
2. **Section plotting and map generation**
3. **Volume calculations and resource summaries**
4. **Pit and surface intersections**
5. **Exporting data for reports**
6. **Introduction to macros and batch processing**
7. **Best practices and quality control in resource modeling**
8. **Final exercise: End-to-end mini project from data to model to report**

For More Details, Contact

Mr. Matokeo Simba
Ag. Manager, Geo Information Department
Kunduchi beach Area
P.O.BOX 9573
DAR ES SALAAM, TANZANIA
Phone +255 (0) 22-2650347
+255 753 008 390
EMAIL: matokeo@seamc.org
ubarikiwmatokeo@gmail.com
WhatsApp +255 753 008 390
Web www.seamc.org





LIST OF TRAINING COURSES

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



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

Ibrahim Shaddad

Director General

ibrahimshaddad@seamic.org

Charles Buteta

Quality Manager/
Manager, Chemical and
Environmental Department

charles@seamic.org

Bashiri Juma

Manager, Finance and
Administration Department
A.g. Manager, Industrial
Minerals and Application Department

bashiri@seamic.org

Alex Mkama

Manager, Mineral Processing and
Small-Scale Mining Department

mkama@seamic.org

Matokeo Simba

Manager, Mineralogy, Petrology &
Gemmology Department
A.g. Manager, Geo-Information
Department

matokeo@seamic.org



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

Beach Area

**P.O. Box 9573 Dar
es Salaam**

Tanzania

+255 22 2650347

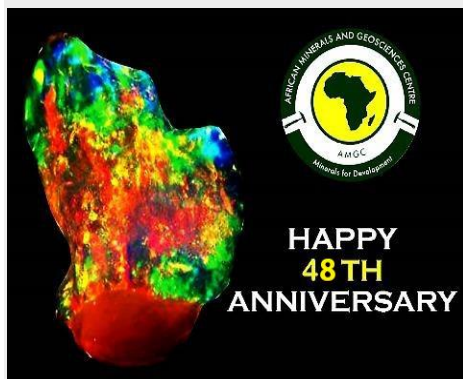
Fax: +255-22-2650319

seamic@seamic.org

***Minerals for
Development***

Find us on the Web:

www.seamic.org



**HAPPY
48 TH
ANNIVERSARY**