



## AMGC News

### Director General's Message



February 2021 AMGC organized two training courses carried out by the Geochemical & Environmental and Geo information Departments attended by 5 participants from Sudan. The African Minerals and Geosciences Centre (AMGC) represented by the Quality Manager and Acting

Manager of Industrial Minerals Application Department participated in an International Minerals and Investment Conference organized by Ministry of Minerals of Tanzania during 21-23 February 2021. The theme of the conference was Mining Sector for Stable Economy and Sustainable Development.

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## Training on Analysis of Gold & Other Precious Metals



Certificate Ceremony of Mr. Hisham Abdallah, the Geochemist from Ariab Mining Company, Sudan who attended a two-weeks training course on Analysis of Gold and other Precious Metals delivered by the Environmental & Chemical Department of AMGC during 08 - 19 February 2021.

## Geographical Information System and Remote Sensing for Minerals Exploration and Geological Mapping



Certificate Ceremony of four geologists Mr. Karara Ali, Mr. Osama Abdelrahman, Mr. Mustafa Osman and Mr. Mohammed Abdallah from Ariab Mining Company, Sudan who attended a two-weeks training course on GIS and Remote Sensing for Mineral Exploration and Geological Mapping delivered by the Geoinformation Department of AMGC during 15 - 26 February 2021.



## Visit by Ambassador of the Republic of Angola in the United Republic of Tanzania



On 12th February 2021, H.E. Sandro de Oliveira, Ambassador of the Republic of Angola in the United Republic of Tanzania paid a familiarize visit to the African Minerals & Geosciences Centre (AMGC). H.E. the Ambassador assured the continued support of Angola to AMGC to be a real Pan-African Centre of Excellence. The Director General of AMGC expressed appreciation, gratitude to the sustainable support of Angola to the Centre. He urged Angola to benefit from the spectrum of mineral services provided by the Centre.

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.

## DG's Visit to the Kenya High Commission, Dar es salaam, Tanzania



The Director General of AMGC paid a courtesy visit to H.E. Hon. Mr. Dan Kazungu, the Kenya High Commissioner to Tanzania on 26<sup>th</sup> February 2021 to express gratitude and appreciation for Kenya's fulfilment of its financial contributions through the esteemed Ministry of Petroleum and Mining of Kenya, which enabled the Centre to implement its activities to its highest peak. It is worth mentioning Kenya paid US\$ 120,000 as arrears and subscription to the Centre during the 1<sup>st</sup> quarter of the current financial year July 2020-June 2021. H.E. Hon. Kenya High Commissioner was briefed among other issues recent developments of the Centre and the Director General of AMGC has extended an open invitation to him, who was the former Minister of Petroleum and Mining of Kenya to pay a familiarize visit to AMGC as soon as possible and in date and time convenient to him.

## AMGC Participation in the International Mineral and Mining Investment Conference



On 19<sup>th</sup> February 2021, The African Minerals and Geosciences Centre (AMGC) received an invitation from Federation of Miners Association of Tanzania (FEMATA) to participate in the International Mineral and Mining Investment Conference 2021 organized by the Ministry of Minerals in the United Republic of Tanzania from 21-23 February 2021 at Julius Nyerere International Convention Centre (JNICC), Dar es Salaam. The conference had the theme: Mining Sector for Stable Economy and Sustainable Development. The conference was attended by various stakeholders in the mining sector from inside and outside the country. AMGC was represented by Mr. Charles Buteta who is a Quality Manager and Acting Manager of Industrial Minerals Application Department.

## Congratulatory Message



AMGC has the honor to congratulate H.E. Mohammed Bashir Abu Nommo for being appointed Minister for Minerals of the Sudan.

## Appreciation Message

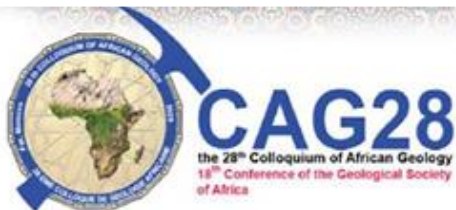


AMGC has the honor to thank H.E. Mr. Khairy Abdel Rahman Ahmed for the leadership during his tenure as Acting Minister for the then Ministry of Energy and Mining of the Sudan. AMGC recognizes his able guidance which enabled the Centre to implement its activities successfully specially through Sudan's timely annual contribution to the Centre.

## Events

### International Tourism Fair “WEJELI WE GBWAMU’

The Cameroon-Tanzania Friendship Association (CATAFA) would like to invite all stakeholders in tourism to attend an International Tourism Fair in Limbe, Cameroon to be held from 11th to 13th March 2021. The event is organized by Flora Travel Tours and team in collaboration with the Ministry of Tourism and Limbe City Council. Limbe is chosen for this event due to its tourist history linked to the slave trade area of Bimbia, the Mount Cameroon, the black sandy beaches and many other attractive sites in the environs, such as the Lake Nachtigal, Bomana and Mbonge waterfall in the Meme Division. For information on registration and exhibition rates please visit [www.floratraveltours.com](http://www.floratraveltours.com) for further information.



9th to 17th October, 2021  
Fez, Morocco



The Colloquium of African Geology is the most important Geological event in Africa organized every two years under the auspices of the Geological Society of Africa. The next 28th edition will be organized in Fez, Morocco, October 9-17, 2021. CAG28 is deferred to the fall 2021. The program proposed in the second announcement is slightly modified, completed and reedited in this third circular. The meeting will cover mostly all topics of Earth and Planetary sciences. It proposes so far:

- i) 19 themes; each theme has several sessions (more than 32 sessions) and each session has a dedicated keynote lecture;
- ii) 6 plenary talks;
- iii) 7 workshops and training courses;
- iv) 10 fieldtrips covering all Moroccan geological domains spanning from Precambrian to Quaternary
- v) a rich cultural program.

Please visit: <http://www.fsdmfes.ac.ma/CAG28> and <http://www.fsdmfes.ac.ma/CAG28/FR> for registration and further information.



## LIST OF TRAINING COURSES

### March – May 2021

“Tanzanian government has waived all restrictions and the COVID-19 Free Certificate will not be required anymore, but travelers will be subject to enhanced screening for COVID-19 infection. There will not be Mandatory Quarantine upon arrival.”

AMGC is happy to inform all that it has started online training on some of the courses it provides. Below is the schedule of the training courses for the months of January – March 2021 and the list of online training courses.

Those who are interested to participate in the training courses at AMGC facilities are advised to consult the airline they plan to travel with about the current requirements of travel to Tanzania when planning the trip to Dar es Salaam.

### Onsite/Classroom Training Courses

<b>Training Topics on request in convenient time to the customer</b>	<b>Fee</b>
Web mapping	\$800
Spectrometric Methods of Analysis	\$800
Quality Control and Quality Assurance in Laboratories	\$1,500
GIS and Remote Sensing for Mineral Exploration and Geological Mapping	\$800
Mineral Economics	\$800
Open Source GIS	\$800
Mineralogical and Petrological Sample Preparation and Analytical Techniques	\$800
Modern Laboratory Management Methods	\$800
Body Composition Formulation	\$800
Metallurgical Balance and Process Evaluation	\$800
Analysis of Gold and Other Base Metals	\$800
Image Processing using ERDAS Imagine	\$800
Gemstone Identification Techniques	\$400
Quality Control and Quality Assurance in Laboratories	\$1,500
Extractive Metallurgy – Metallic Ore Deposits, Metal Extraction and Purification Processes	\$800
Gemstone Value Addition Techniques	\$800
Geostatistics Application in Geology	\$800
Spectrometric Methods of Analysis.	\$800
Techniques of Gold Cyanidation	\$400
Open Source GIS	\$800
Data Integration and Mineral Targeting	\$800

### Online Training Courses

Training Topics	Duration	Schedule	Fee
Laboratory Certification and Accreditation	2 weeks	On request	\$1,500
Modern Laboratory Management Methods	2 weeks	On request	\$800
Quality Control and Quality Assurance in Laboratories	2 weeks	On request	\$1,500
Practical Mineral Processing and The Basic Mineral Processing Flowsheet	2 Weeks	On request	\$800
Environmental Management in Mining	1 Week	On request	\$400
GIS and Remote Sensing for Mineral Exploration and Geological Mapping	2 weeks	On request	\$800
Data Integration and Mineral Targeting	2 weeks	On request	\$800
Geostatistics Application in Geology	2 weeks	On request	\$800
Web mapping	2 weeks	On request	\$800
Geohazards	1 week	On request	\$400
Open Source GIS	2 weeks	On request	\$800



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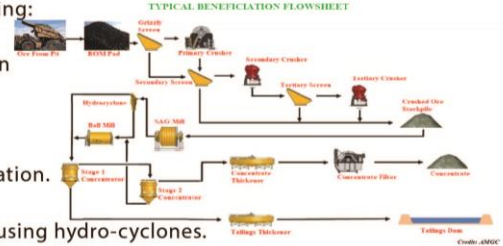


## MINERAL PROCESSING & SMALL SCALE MINING SERVICES

*The Mineral Processing Laboratory* is equipped with a unique platform of laboratory and bench scale facilities for the development and testing of energy saving, low-cost crushing, grinding and concentration processes in environmental friendly ways.

Each aspect of beneficiation methods is optimized and incorporated into an overall process flow sheet development including:

- Ore crushing and grinding
- Bench scale gravity concentration
- Dense/heavy media separation
- Magnetic separation
- Froth flotation
- Dewatering or solid-liquid separation.
- Leaching (hydrometallurgy)
- Ore screening and classification using hydro-cyclones.



*Training* on different mineral techniques is provided. Laboratory facilities are used for practical demonstration during training. Currently the following courses offered:

1. Mineral Processing Basics – Beneficiation operations and Metallurgical Processes
2. General Sampling Technics and Sample Preparation for Laboratory Testing
3. Artisanal and Small Scale Mining Activities and Related Issues
4. Techniques of Gold Cyanidation for Small Scale Mining Operations
5. The Economics and Evaluation of the Minerals Industry
6. Metallurgical Balance and Process Control
7. Environmental Management in Mining



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