



AMGC News

Director General's Message



The new year 2021 started with both technical and administrative achievements for AMGC. These achievements included provision of training to trainees from the Sudan which is one of the Member States, hosting students from a College teaching Arts and Culture (TaSUBa), Bagamoyo, Tanzania for a study tour and initiating collaboration with women stakeholders in the mining industry (TAWOMA) from the Tanzania along with UNECA assignment of the a distinguished representative of United Nations Economic Commission for Africa (ECA) in the AMGC Policy Organs and Board meetings. It is hopeful that AMGC is going to benefit from those initiatives sustainably.

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Training on Geostatistical Analysis for Geological Application



Certificate Ceremony to four Sudanese Geologists from the Ariab Mining Company who attended a two-weeks training course on Geostatistical Analysis for Geological Application from 4th to 15th January 2021. The course was delivered by Mr. Kamina Chororoka, the Senior Exploration Geologist of the Geo-information Department in the African Minerals and Geosciences Centre (AMGC). The following are the names of the attendees; Mr. Siddeg Mohammed Mahgob Abdalkrem, Mr. Ahmed Mohamed Ali Sidahmed Osman, Mr. Ahmed Salih Ahmed Omer and Mr. Khalid Ali Mohamedtahir Mahgoub.

Visit by 30 Students from the Institute of Arts and Culture Bagamoyo (TaSUBa)



On January 08, 2021, AMGC which is ISO 9001:2015 Certified through the Industrial Minerals Application Department (IMAD) hosted a study visit by 30 students from the Institute of Arts and Culture Bagamoyo (TaSUBa), accompanied by Mr. Sunday Kamangu who is an Assistant Lecturer. The students study a Diploma in Visual and Performing Arts at the respective College. The visit aimed at learning more on clay production process and building up the technical corporation between the two institutions (TaSUBa and AMGC). The students made a round to other technical departments of the Centre and benefited much from the present facilities, methods and personnel potential on mineral products and services provision.

Visit by Chairperson & Some Members of Tanzania Women Miners Association



On January 11, 2021, AMGC hosted a visit of a Chairperson of TAWOMA with other three leaders for Tanzania Women Miners Association (TAWOMA). The visit aimed at establishing collaboration through a Memorandum of Understanding (MoU) on conducting training to small-scale miners and conducting exhibitions at the Centre on mineral value addition along with a venue for hosting meetings, workshops, seminars and symposia.

Appointment of ECA Representative in AMGC Policy Organs



United Nations
Economic Commission
for Africa

The Under-Secretary General of the United Nations (UN), and the Executive Secretary of the Economic Commission for Africa (UNECA) have assigned Mr. Jean-Paul Adam, to represent ECA in the African Minerals and Geosciences Center (AMGC) Policy Organs as Chairman of AMGC Standing Committee of Officials (SCO), and member of AMGC Board of Directors (BOD).

Mr. Jean-Paul Adam is the Director for Technology, Climate Change and Natural Resources Management in the United Nations Economic Commission for Africa. Prior to taking on this role, he served in the Government of the Republic of Seychelles in several Cabinet positions. He was Minister of Health from 2016 to 2019. He served as Minister of Finance, Trade and the Blue Economy from 2015 to 2016 where he negotiated a debt for climate change adaptation swap and launched the process for Seychelles to become the first issuer of a Blue Bond. Between 2010 and 2014, he was Seychelles' Minister of Foreign Affairs, where he advocated for countries to embrace the concept of the Blue Economy, to improve sustainability for island and coastal countries. Before entering the Cabinet, between 2005 and 2009, he occupied several senior roles in the Office of the President of the Republic of Seychelles including Director General for presidential affairs, Principal Secretary for the Office of the President and Secretary of state in the presidency. He started his career as a career diplomat in the Ministry of Foreign Affairs between 2001 and 2004. He is a holder of a Masters in International Political Economy from the University of Manchester (UK) and a BA in English Literature and French from the Sheffield University (UK).



The Visit of H.E Ambassador of Ethiopia in Tanzania to AMGC



On January 13, 2021, His Excellency Mr. Yonas Yosef, the Ambassador of Ethiopia in Dar es Salaam, Tanzania has paid a familiarize visit to the African Minerals & Geosciences Centre (AMGC). The Director General of AMGC briefed H.E. the Ambassador regarding recent development and challenges facing the Centre. H.E. Mr. Yonas assured that Ethiopia will continue honoring its financial commitments as well as to maximize its benefits from the Centre regarding its mineral services including training, analysis and consultancy.

Ethiopia, one of the founding member states of AMGC, has been unreservedly supporting the Centre since its establishment in 1977. Due to Ethiopia's significant contribution to the running of the AMGC as continental 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 Directors General managing the Centre since 1977, Ethiopia was elected twice to manage the Centre, at the early beginning by Mr. Mahdi Shumburo during 1977-1986 and Mr. Ketema Tadesse during 2006-2015. Ethiopia was elected Chair of the Board of Directors (BOD) of AMGC from 1997 to 2005 and by then the Chairman was Mr. Ketema Tadesse, former Director General of the Ethiopian Geological Survey (GSE). From 2015 to-date Ethiopia was elected Chair of the BOD under the Chairmanship of Mr. Masresha Gebreselassie, former Director General of the Geological Survey of Ethiopia (GSE) and Mrs Enatfenta Melkau Gebre, current Director General of the Geological Survey of Ethiopia. One of the departmental managers at AMGC is Mr. Mesfin Wubeshet, of the Geo-information Department, whom has been employed as the only international professional staff for the last twenty four years

CONGRATULATION



The African Minerals and Geosciences Centre (AMGC) has the honour to congratulate Hon. Dotto Bitekko for been appointed Minister for Minerals of Tanzania for a second tenure.

CONGRATULATION



The African Minerals and Geosciences Centre (AMGC) has the honour to congratulate Hon. Prof. Shukrani Manya for been appointed a Member of Parliament and appointed Deputy Minister for Minerals of Tanzania.

APPRECIATION



The African Minerals and Geosciences Centre (AMGC) wishes to take this opportunity to thank Hon. Stanslaus Haroon Nyongo, for the leadership during his tenure as Deputy Minister for Minerals of Tanzania.




Dear all,

The African Minerals & Geosciences Centre (AMGC) learned with great sadness and deep sorrow over the death of Mr. Paul Msoma, the Interim Director of the African Minerals Development Centre (AMDC).

On behalf of the AMGC staff and on my own, I wish to convey our deepest condolences to his family, friends, colleagues in both UNECA and AUC and the entire geosciences community in Africa on this very sad loss. We pray that his soul rest peacefully in the hands of our Lord.

Ibrahim Shaddad
Director General, AMGC

EVENTS

Validation Of Market Study On Women In The Mining Value Chain: A Landscape Review of Barriers to Women's Economic Empowerment

The Association of Women in Energy and Extractives in Kenya (AWEIK) has the honor of inviting you to a validation workshop on the market study on “Women in the mining value chain: a landscape review of barriers to women's economic empowerment” The workshop will be held on Wednesday 27 January, 2021 at the Panafric Hotel, Nairobi from 7.30am.

International Day of Women and Girls in Science

On 11 February, women and girls will mark the International Day of Women and Girls in Science. The Day focuses on the reality that science and gender equality are both vital for the achievement of internationally agreed development goals, including the 2030 Agenda for Sustainable Development.

In order to achieve full and equal access to and participation in science for women and girls, and further achieve gender equality and the empowerment of women and girls, the UN General Assembly adopted resolution A/RES/70/212 declaring 11 February as the International Day of Women and Girls in Science.

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.



**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 and; v) a rich cultural program.

LIST OF TRAINING COURSES

January – March 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

Training Topics	Schedule	Fee
Gemstone Identification Techniques	1-5 Feb 2021	\$400
Bricks & Tiles Manufacturing [Clays]	1-12 Feb 2021	\$800
Artisanal and Small Scale Mining Activities	1-12 Feb 2021	\$800
Image Processing using ERDAS Imagine	1-12 Feb 2021	\$800
Analysis of Gold and Other Base Metals	8-19 Feb 2021	\$800
Gemstone Value Addition Techniques	8-19 Feb 2021	\$800
Laboratory Certification and Accreditation	15-26 Feb 2021	\$1,500
GIS and Remote Sensing for Mineral Exploration and Geological Mapping	15-26 Feb 2021	\$800
Techniques of Gold Cyanidation	22-26 Feb 2021	\$400
Spectrometric Methods of Analysis	15-26 Mar 2021	\$800
Quality Control and Quality Assurance in Laboratories	15-26 Mar 2021	\$1,500

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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Development***

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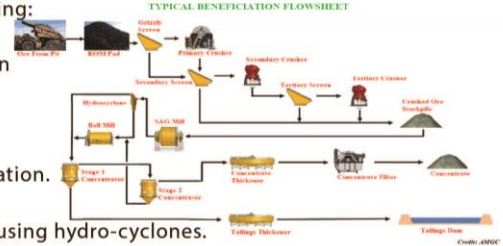


MINERAL PROCESSING & SMALL SCALE MINING SERVICES

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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