

African Minerals & Geosciences Centre



Happy New Year 2021

and

Merry Christmas from

AMGC

AMGC News

Director General's Message



We reached at the end of the year, 2020. The year 2020 was full of events which has affected everyone around the world. The Corona Pandemic must have taken the largest toll of the events which has disrupted substantial number of activities globally. AMGC

was among severely affected by the pandemic and its core activity, training, was the main causality of the situation. Hopefully this will be over in 2021 and we see a better year. We wish all our readers a New Year filled with Happiness, Prosperity, Health and full of productive activities. *Happy New Year, 2021.*

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Training on GIS and Remote Sensing



Certificate Ceremony for two Sudanese geologists from Ariab Mining Company, Sudan Mr. Mustafa Osman Yousif Ahmed and Mr. Mohammed Elamin Haikal Hussein. The two geologists attended a two weeks training course on GIS and Remote Sensing for Mineral Exploration and Geological Mapping from 23rd November to 4th December 2020. The course was delivered by Mr. Kamina Chororoka, the senior exploration geologist at the Geoinformation Department of AMGC.

Visit by Director of MTL Consulting at AMGC



On 7th December 2020 AMGC received Mr. John Bosco Tindyebwa, Director/Geologist of MTL Consulting Co. Ltd. in Dar es Salaam, Tanzania. The MTL Director discussed with the Centre a way forward to restore the old good working relationship.

Director General's Visit to Angola Embassy



Mr. Ibrahim Shaddad, the Director General of AMGC has paid today morning a courtesy visit to H.E. Sandro de Oliveira, the Ambassador of the Republic of Angola in the United Republic of Tanzania. Assuring of AMGC - Angola continued cooperation, the Director General of AMGC expressed in person the honour to acknowledge with much appreciation, gratitude and commend the Government of Angola for the tremendous efforts made to rescue the severe financial crisis which the Centre is currently facing.



ANGOLA

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, 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.

Director General's visit to Ethiopia Embassy



The Director General of AMGC has paid a courtesy visit to His Excellency Mr. Yonas Yosef, the Ambassador of Ethiopia in Dar es Salaam, Tanzania and briefed him regarding recent development and challenges facing the Centre. The Centre sincerely recognizes about the outstanding commitments and obligations of the Government of Ethiopia to the Centre that enabled it to implement its activities to its highest peak. AMGC looks forward for Ethiopia to 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 an international staff for the last twenty four years.

A Visit by Prof Freddy T, Kilima



On 15th December AMGC received Prof Freddy T, Kilima, from Moshi Co-operative University, the purpose of the visit was to provide and clarify to AMGC the research questionnaire regarding MAPPING OF RESEARCH OUTPUTS, FACILITIES AND HUMAN RESOURCE CAPACITY IN HIGHER LEARNING AND RESEARCH AND DEVELOPMENT INSTITUTIONS IN TANZANIA. The objective of research mapping survey is to identify research output for the period of the past 10 years and identify those with potential for upscaling for socioeconomic benefits.

Congratulatory Message



AMGC has the honor to congratulate Prof. Shukrani Manya for being appointed a Member of Tanzanian Parliament and Deputy Minister of Minerals. Hon. Prof. Manya Shukrani was a Professor and Director of Research at University of Dar es Salaam before he shouldered the responsibility of being Executive Secretary of Mining Commission in the esteemed Ministry of Minerals, Tanzania.

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
Spectrometric Methods of Analysis	18-29 Jan 2021	\$800
Modern Laboratory Management Methods	18-29 Jan 2021	\$800
Mineralogical and Petrological Sample Preparation and Analytical Techniques	11-22 Jan 2021	\$800
Sampling and Sample Preparation for Laboratory Testing	11-22 Jan 2021	\$800
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



African Minerals and Geosciences Centre

Kunduchi Beach Area
PO 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



GEOCHEMICAL AND ENVIRONMENTAL SERVICES

The Geochemical and Environmental Department of AMGC carries chemical analysis of geological materials (rocks, minerals, soil, sediment and concentrate) so as to demarcate areas with economic mineral potential. It also offers useful analytical data on metals, water, soils, minerals, fish, sewage for use by metallurgists, environmentalists, agriculturalists, road construction engineers and water engineers. The section provides training and consultancy services to clients from member states and other countries.



Chemist at work in AAS laboratory

Chief chemist at work in ICP - OES laboratory

TRAINING SERVICES

Training on relevant aspects of specialized chemical analysis of geological and environmental materials by short courses or attachment and tailor-made basis are also organized by the Department. The training courses include:

- ✓ Spectrometric Methods
- ✓ Analysis of Gold and Other Precious Metals
- ✓ Modern Laboratory Management Methods
- ✓ Environmental Technologies
- ✓ Field Sampling Techniques for Chemical Analyses
- ✓ Laboratory Sample Preparation Techniques for Chemical Analyses



Contacts

Ibrahim Shaddad
Director General
ibrahimshaddad@seamic.org

Yusuph Hassani
Manager Chemical and Environmental
Laboratory Services
yusuphassani@seamic.org

Mesfin W. Gebremichael
Manager Geo-information Services
mesfin@seamic.org

Gwakisa Mwaitete
Manager Finance & Administration
gwakisa@seamic.org

Alex Mkama
Manager Mineral Processing and
Small Scale Mining
mkama@seamic.org

Lilian Moshi
Manager Mineralogy, Petrology &
Gemology
lilian@seamic.org

Charles Buteta
Quality Manager
Ag. Manager Industrial Minerals
Application Services (IMAS)
charles@seamic.org