

## AMGC News

### Director General's Message



The month of July is the starting of a new fiscal year 2021/22 and initiating the new plans and programs for the coming twelve months. We started the new budget year with the training on gemstone characterization and identification techniques. We strongly hope we started twelve months which will be successful with major challenges being eased.

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## Training on Gemstones Characterization and Identification Techniques



Techniques Course for two weeks during 28 June-09 July 2021 held at Mineralogy, Petrology & Gemmology Department of AMGC in Dar es Salaam, Tanzania.

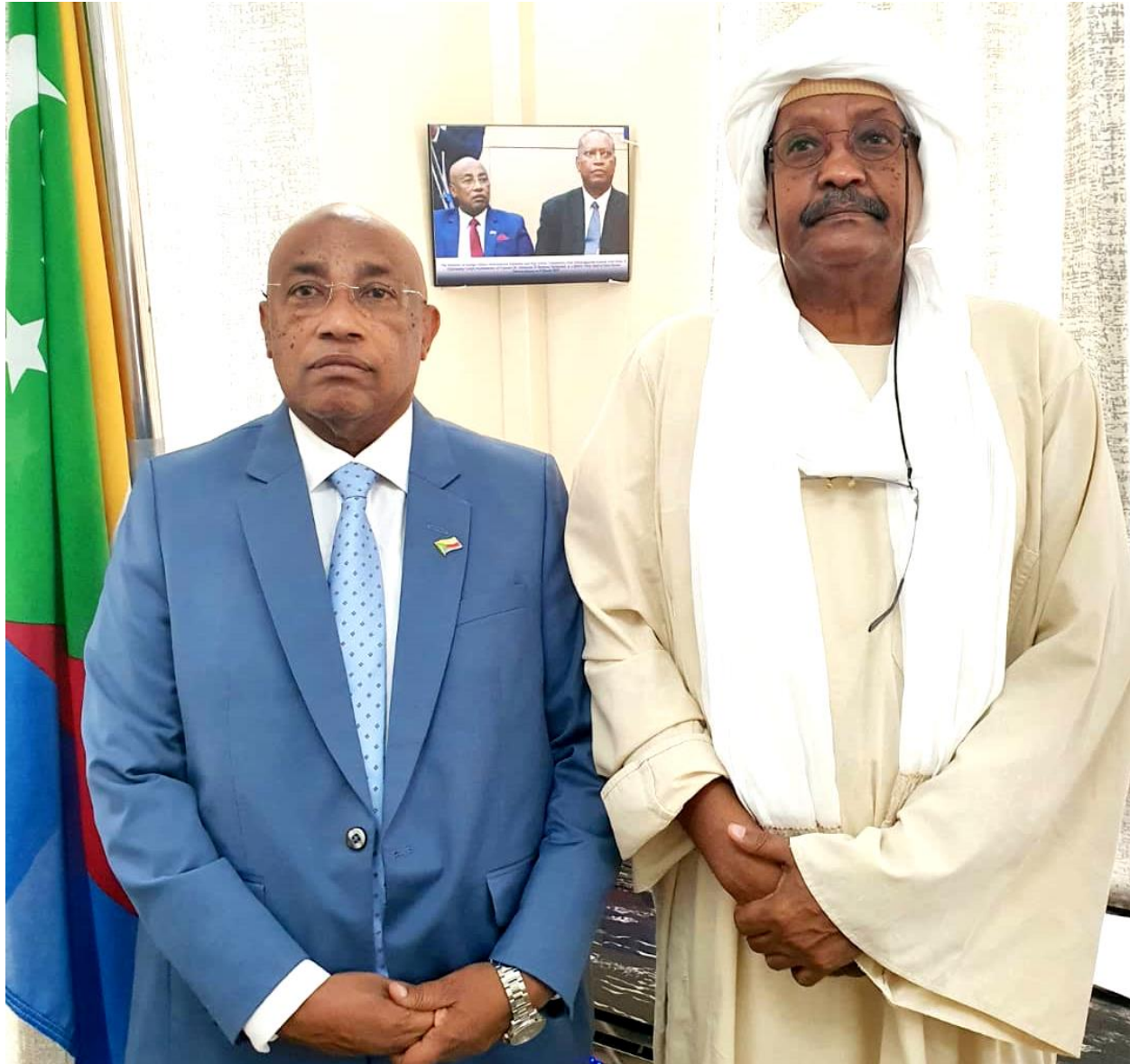
## Training on Gemstone Identification Techniques



Certificate hand out ceremony for Mr. Abdoulie M. Cham, the Director of Geological Department, Gambia. Mr. Abdoulie participated in a two-weeks training course on “Gemstone Identification Techniques” from 5th – 17th July, 2021 held at Mineralogy, Petrology & Gemmology Department of AMGC in Dar es Salaam, Tanzania.



## Courtesy visit to Ambassador of Comoros in Tanzania



On 8<sup>th</sup> July 2021 Mr. Ibrahim Shaddad, the Director General of the African Minerals and Geosciences Centre (AMGC) paid a courtesy visit to H.E. Dr. Ahamada El Badaoui Mohamed Fakih, the Extraordinary & Plenipotentiary Ambassador of Comoros in Tanzania. Comoros is one of the founding member states of the Centre and it was the state which signed the Centre's Establishment Agreement in 1977. The Director General of AMGC expressed his heartfelt congratulation for the 46<sup>th</sup> Independence Anniversary of the Union of Comoros. Furthermore the Director General of AMGC briefed H.E. the Extraordinary & Plenipotentiary Ambassador of Comoros regarding the Centre will take part in UNDP engagement in support of Comoros in mapping the country's mineral resources and mining issues. A draft TORs for a proposal of a Tripartite Project between UNDP, AMGC, and COMOROS which is represented by the Bureau of Geology of Comoros is under enhancement for geological mapping of the Comoros Islands with emphasis on its Mineral Resources, which is important for the Comoros and its development. AMGC has been in contact with the Government of Comoros on the mapping proposal since 2016 and the Centre will be honored to join UNDP for honorable contribution in term of mining development and geoscientific research for Comoros.

## APPRECIATION

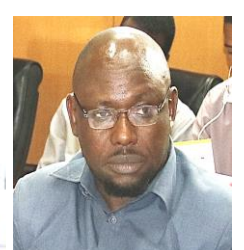
The management of the African Minerals and Geosciences Centre (AMGC) appreciates:

- 1- **MR. CHARLES BUTETA** (Quality Manager/ Ag. Manager, Chemical and Environmental Department/ Outgoing Ag. Manager, Industrial Minerals Application Department), which has managed to generate the income above the set target despite of several breakdowns in major analytical machines and the adverse impact of COVID-19.
- 2- **MR. MWINYIMKUU MUHIDDIN** (Laboratory Assistant, Chemical and Environmental Department) for the work which he accomplished for the 2020/2021 financial year in the capacity of a Laboratory Assistant.



## GRATITUDE AND APPRECIATION

The African Minerals and Geosciences Centre (AMGC) would like to express its much appreciation and gratitude to the five member states of AMGC, i.e. Angola, Kenya, Sudan, Tanzania and Uganda for contributing honorably in the financial support to the Centre during the financial crisis the Centre faced in the past fiscal year 2020/21. The Management managed in meeting the operation costs for the Centre including emolument for staff, after receiving subscriptions and arrears from the five member states. AMGC, appealing to the rest of the member states to support the Centre for effectively implementing its operational and development programs, it will be highly appreciated if arrangements are made to honour their financial commitments to the Centre.





## LIST OF TRAINING COURSES

“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 list of the training courses offered by AMGC.

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.

Training Topics	Onsite	Online	Duration	Fee
<b>Chemical and Environmental Services</b>				
Spectrometric Methods of Analysis.	✓		2 Weeks	\$800
Analysis of Gold and Other Base Metals	✓		2 Weeks	\$800
<b>Quality Management</b>				
Laboratory Certification and Accreditation	✓	✓	2 Weeks	\$1,500
Modern Laboratory Management Methods	✓	✓	2 Weeks	\$800
Quality Control and Quality Assurance in Laboratories	✓	✓	2 Weeks	\$1,500
<b>Mineralogy, Petrology and Gemmology Services</b>				
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
<b>Industrial Minerals Application Services</b>				
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

## Online Training Courses

<b>Mineral Processing and Small-scale Mining Services</b>				
Practical Mineral Processing and The Basic Mineral Processing Flowsheet	✓	✓	2 Weeks	\$800
Sampling and Sample Preparation for Laboratory Testing	✓		2 Week	\$800
Artisanal and Small Scale Mining Activities	✓		2 Weeks	\$800
Techniques of Gold Cyanidation	✓		1 Week	\$400
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
<b>Geo-information Services</b>				
GIS and Remote Sensing for Mineral Exploration and Geological Mapping	✓	✓	2 weeks	\$800
Data Integration and Mineral Targeting	✓	✓	2 weeks	\$800
Geostatistics Application in Geology	✓	✓	2 weeks	\$800
Web mapping	✓	✓	2 weeks	\$800
Geohazards	✓	✓	1 week	\$400
Open Source GIS	✓	✓	2 weeks	\$800
Image Processing using ERDAS Imagine	✓	✓	2 weeks	\$800
Geoheritage / Geoparks	✓		On Request	
Geo-safari – Geo-traverse across the Pan-African terrains: Tanzanian Craton, Greenstone belt, East African Rift Valley, the Kibaran and Mozambique belts.	✓		On Request	



## African Minerals and Geosciences Centre

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***Minerals for  
Development***

**Find us on the Web:**  
**[www.seamic.org](http://www.seamic.org)**

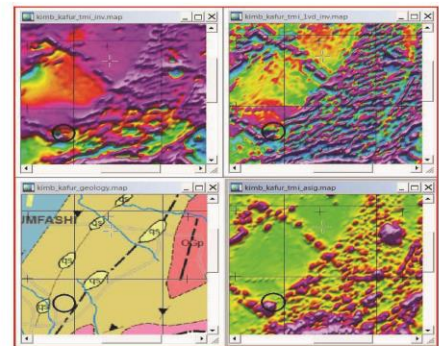
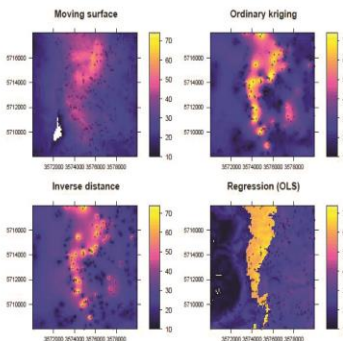
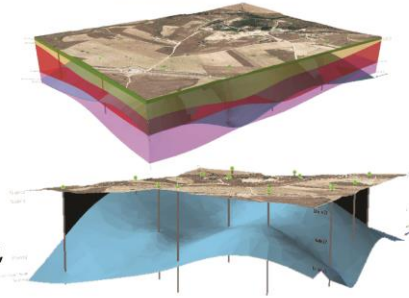
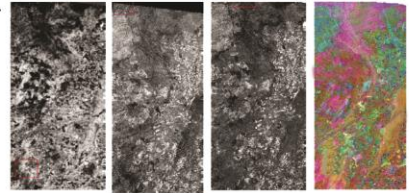


## GEO-INFORMATION SERVICES

- Geo-science Data Processing and Management: provision of training and consultancy services on the utilisation of advanced GIS and data processing techniques for mineral application
- Dissemination and Promotion of Georesources information of the Member Countries to the public through internet

### TRAINING AND CAPACITY BUILDING IN GEO-INFORMATION MANAGEMENT

- GIS and Remote Sensing for Mineral Exploration and Geological Mapping
- Geophysical and Geochemical Data Processing and Interpretation
- Mineral Exploration and Resource /Reserve Estimation
- Data Integration and Mineral Targeting
- Geostatistics Application in Geology
- Web mapping
- Geohazards
- Geoheritage sites of Tanzania
- Geo-safari – Geo-traverse across the Pan-African terrains: Tanzanian Craton, Greenstone belt, East African Rift Valley, the Kibaran and Mozambique belts.



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