



## AMGC News

### Director General's Message



During the month of September, the Centre carried out four training courses by the different departments on Analysis of Gold and Other Base Metals, Spectrometric Methods of Analysis, Gemstone Identification Techniques, and GIS and Remote Sensing for Mineral Exploration and Geological Mapping. The training courses provided to eleven participants from Sudan and three participants from Gambia H.E. the

Charge D'affaires of the Embassy of Sudan in Tanzania visited the Centre and handed out the certificates to the Sudanese trainees. The Director General of AMGC paid a courtesy visit to H.E. the Ambassador of Ethiopia to Tanzania in his office on the occasion of H.E. the Ambassador completion of a term of three years in Tanzania.

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## Training Course on Analysis of Gold and Other Base Metals



**Certificate ceremony of six professionals from the Geological Research Authority of Sudan (GRAS), Ministry of Minerals for a training course on Analysis of Gold and Other Base Metals which took place at the African Minerals and Geosciences Centre (AMGC) premises in Dar es Salaam, Tanzania from 6<sup>th</sup> to 17<sup>th</sup> September 2021. The ceremony was attended by following two guests of honour H.E. Mr. Asm Mustafa, the Charge' d'affairs a.i. of the Sudan Embassy in Dar es Salaam, Tanzania and Mr. Rafat Moris, the Australian Businessman of Sudanese origin. The course participants are Ms. Maha Yousif Hamd Modawe, Mr. Mosab Abdelrahman Mohammed Ahmed, Mr. Mahgoub Osheakh Ali Osheakh, Ms. Alrabab Hassan Mukhtar Mohammed Elshiekh, Mr. Galal Mohamed Adam Momen and Ms. Shaza Rabie Serage Ahmed.**

## Two Training Course on Gemstone Identification & GIS and Remote Sensing for Mineral Exploration and Geological Mapping



Certificate handout ceremony for three professionals from the Geological Department of Gambia who attended two training courses during 13<sup>th</sup> - 24<sup>th</sup> September 2021 on Gemstone Characterization and Identification Techniques which participated by Mr. Lamin Kanteh and Mr. Abdoulie Jallow, and GIS and Remote Sensing for Mineral Exploration and Geological Mapping which participated by Mr. Fakebba Senghore.

## DG's Visit to H.E. Mr. Yonas Yosef, the Ambassador of the Federal Democratic Republic of Ethiopia to the United Republic of Tanzania



The Director General of the African Minerals and Geosciences Centre (AMGC) paid a courtesy visit to H.E. Mr. Yonas Yosef, the Ambassador of the Federal Democratic Republic of Ethiopia to the United Republic of Tanzania in his office on 16 September 2021. The courtesy visit was on the occasion of H.E. Mr. Yonas Yosef completion of a term of three years in the United Republic of Tanzania. It was a great pleasure to the management and the AMGC to have been working closely with H.E. the Ambassador since been appointed Ambassador of the Federal Democratic Republic of Ethiopia to the United Republic of Tanzania in 2018. The courtesy meeting discussed recent developments and challenges facing the Centre including appreciated efforts by H.E. the Ambassador for Ethiopia to pay its financial commitments to the Centre. H.E. Mr. Yonas promised to pay a courtesy farewell visit to AMGC before he returns to his country.

## Training Course on Spectrometric Methods of Analysis



Certificate ceremony of five Professionals from the Geological Research Authority of Sudan (GRAS), Ministry of Minerals for a training course on “Spectrometric Methods of Analysis” from 20<sup>th</sup> September 2021 to 1<sup>st</sup> October 2021. The five Sudanese Professionals are Ms. Arwa Abdelrahim Mohamednour, Mr. Khalid Basheir Ahmed Omer, Mr. Khalid Mahjoub Mohieldin Alimam, Ms. Amina Kamal Osman Mostafa and Ms. Ebada Hassabo Abdallah Ahmed.

## 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	



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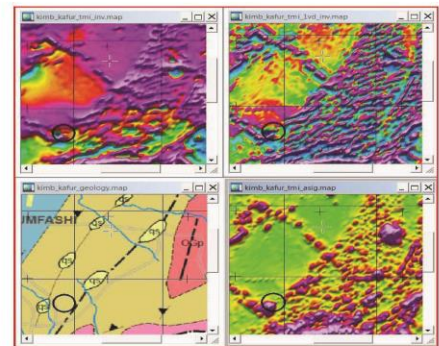
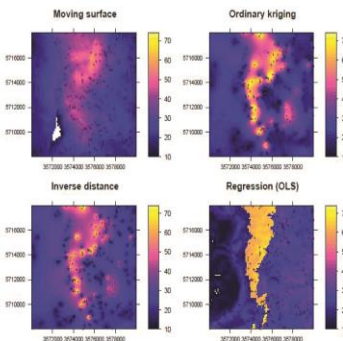
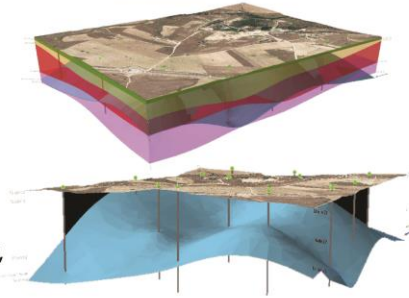
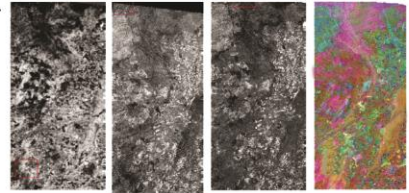


## GEO-INFORMATION SERVICES

- 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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