



# AMGC News

## Director General's Message



In the month of February, we have carried out a training course on Diamond Grading by the Mineralogy, Petrology and Gemmology Department. The Centre has introduced new training courses on Management and Finance aiming at providing technical upgrade to the support staff in the mining sector. The International Conference on

Investment in the Mineral sector of Tanzania held during 22-23 February 2022 and the Centre participated in a panel discussion regarding development minerals. The conference attracted a number of international delegations from different parts of Africa. Among them, some of the dignitaries visited the Centre from different member states. The visitors include: the Minister of Irrigation and Water Development of Sudan, Minister of Minerals of South Sudan, The Under Secretary of Ministry of Minerals of Sudan, and Delegation of ICGLR from Burundi.

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## New Recruited Staff



On 8<sup>th</sup> February 2022, AMGC Director General, welcomed newly recruited Geochemists Mr. Juma Rajabu and Michael Clovis at the African Minerals & Geosciences Centre

## Clay Day



A number of students accompanied by their teachers from Braeburn International School, Dar es Salaam, Tanzania visited the Industrial Minerals Department (Development Minerals) at the African Minerals & Geosciences Centre (AMGC) on 9<sup>th</sup> of February 2022. The AMGC organizes frequent one day clay workshop for schools, families and their kids, diplomats and foreigners resident in Dar es Salaam, Tanzania. The visitors enjoy formation of different items by hand building and throwing potter's wheel in ceramic unit of AMGC.



## ISO 9001:2015 Surveillance Audit by SGS Tanzania



AMGC received two external auditors from Société Générale de Surveillance (SGS) Tanzania: Ahadi Rajabu (Lead Auditor) and Gregory Mandari (Auditor Trainee). The auditors conducted a Surveillance Audit to AMGC departments for two days from 14-15 February 2022 so as to determine conformity to ISO 9001:2015 standard and to identify as applicable areas for potential improvement. This is a mandatory quality management system requirement to the Centre and it is conducted yearly for the period of three years of certification.

## Training on Diamond Grading



AMGC received Madam Frola Lamba, the Tanzanian diaspora in Ireland who attends a two weeks training on Diamond Grading from 21.02. 2022 to 04.03.2022 at the department of Mineralogy, Petrology and Gemmology in the African Minerals and Geosciences Centre (AMGC).

## Tanzania International Minerals and Mining Investment Conference 2022, Julius Nyerere Convention Centre - JNICC, Dar es Salaam, Tanzania



The International Minerals and Mining Investment Conference 2022 at the Julius Nyerere International Convention Centre (JNICC) in Dar es Salaam. The forum brought participants from all corners of the World in search not only for opportunities but also for clarity. The forum was the right address for global players in the industry, presenting opportunities for sharing knowledge and developing partnerships for all who have a common interest in unearthing the mineral deposits of Tanzania.

Minerals play a vital role in Tanzania's economy for local industries exports earnings. The conference has charted out interventions needed to create a more buoyant and robust minerals sector that will benefit all of those who are involved. The forum's theme was **“Enabling Environment for the Development of Tanzania Mining Sector”**.



## Visit of Ministry of Minerals, Sudan to AMGC



The Ministry of Minerals of the Sudan represented by Dr. Mohamed Saeed, Under Secretary of Minerals paid on 22<sup>nd</sup> February 2022 a familiarization visit to the African Minerals and Geosciences Centre (AMGC). Dr. Mohamed Saeed was accompanied by three other officials from the Ministry of Minerals namely: Dr. Suliman Ahmed Hammed, the Director General of the Sudanmin Company Ltd.; Madam Maha A. Rahman, the Director of the General Directorate of International Technical Cooperation and Madam Sawsan Ahmed, the Desk Officer of AMGC.

## A Bilateral Meeting between Ministry of Minerals, Tanzania and Ministry of Minerals, Sudan

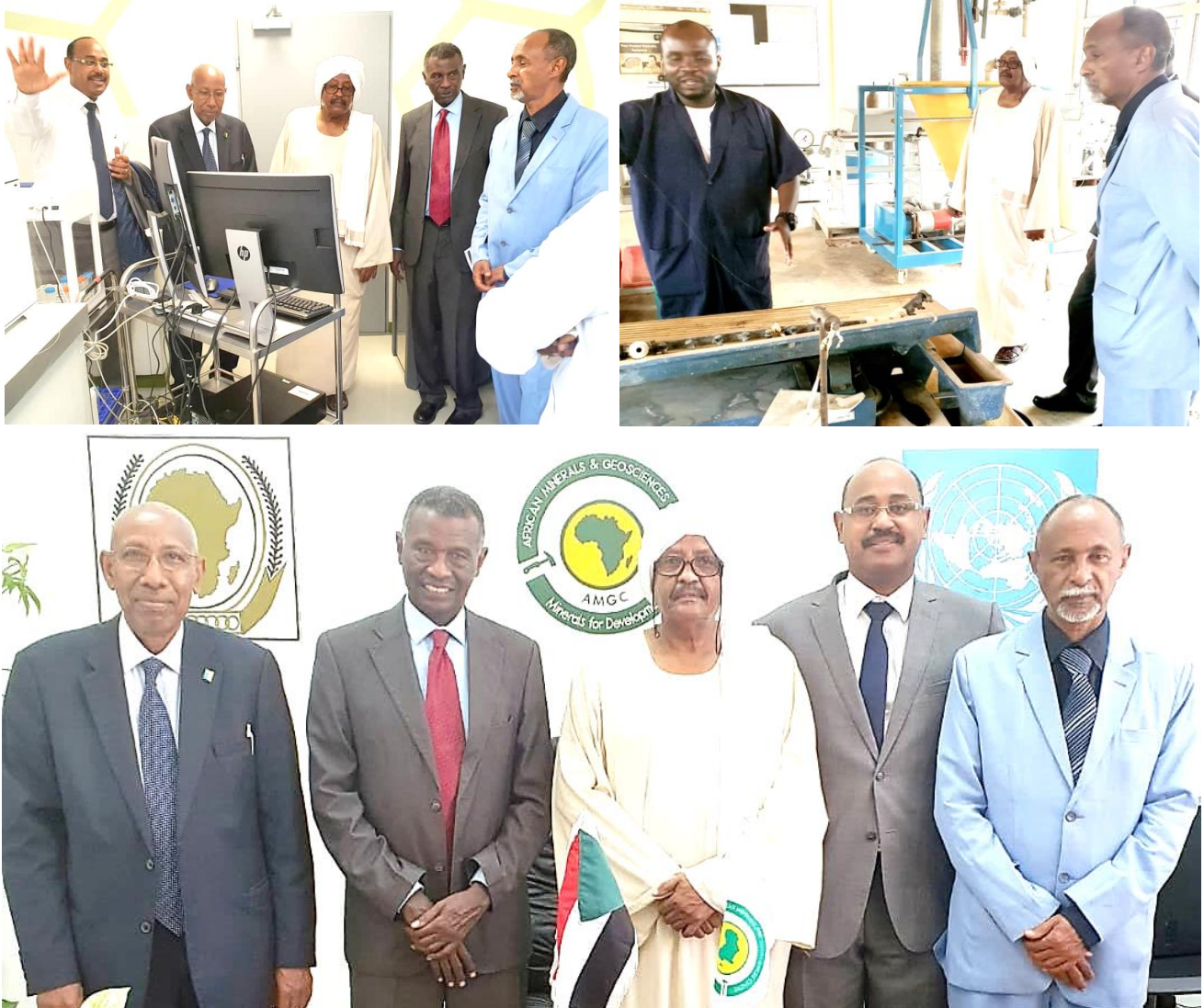


A delegation of Ministry of Minerals of the Sudan led by Dr. Mohamed Saeed, Under Secretary of Minerals held a meeting with Hon. Dr. Steven L. Kiruswa (MP), the Deputy Minister for Minerals of Tanzania at Julius Nyerere International Convention Centre, Dar es Salaam on 22<sup>nd</sup> February 2022. Other Officials from Tanzania and the Sudan in the attendance list were namely; Mr. Msafiri L. Mbibo, Deputy Permanent Secretary, Ministry of Minerals, Tanzania, Dr. Abdul Rahman Shabani Mwanga, Commissioner for Minerals, Ministry of Minerals, Tanzania, Director, Legal Affairs, Ministry of Minerals, Tanzania, Dr. Suliman Ahmed Hammed, the Director General of the Sudanmin Company Ltd, Sudan, Madam Maha A. Rahman, the Director of the General Directorate of International Technical Cooperation, Sudan and Madam Sawsan Ahmed, the Desk Officer of AMGC, Sudan. The meeting was also attended by H.E. Chargé d'affaires of Sudan Embassy in Tanzania and the Director General of the African Minerals and Geosciences Centre (AMGC).

The meeting discussed several issues including signing a Memorandum of Understanding (MoU) between the two ministries for cooperation and collaboration in various areas of common interest. The draft of the MoU will be channelled through the diplomatic missions in both Khartoum and Dodoma to reach a consent between the two ministries. H.E. Minister of Minerals of the Sudan will visit Tanzania and sign the MoU with his counterpart in Dodoma, Tanzania in a convenient date.



## Visit of Ministry of Irrigation and Water Resources, Sudan to AMGC



The African Minerals and Geosciences Centre (AMGC) was honored on 22<sup>nd</sup> February 2022 with a courtesy visit by H.E. Eng. Dawalbeit Abdelrahman Mansur, the Minister of Irrigation and Water Resources in the Sudan. H. E. Eng. Dawalbeit was accompanied by Prof. Seifeldin Hamad Abdalla, the Senior Advisor of the Ministry, Eng. Mustafa Hussein, Chair of Water Resources Technical Organ (WRTO) and H.E. Asim Mustafa, the Charge d' Affaires of the Sudan Embassy in Tanzania. The Sudanese delegation attended the 16<sup>th</sup> Nile Day 2022 commemorations in Dar es Salaam, Tanzania. Nile Day is an annual event held in commemoration of the establishment of the unprecedented Nile Basin Initiative (NBI) on February 22, 1999, by ministers in charge of water affairs in the Nile Basin countries. Nile Day provides an opportunity for Basin citizens to come together to celebrate the benefits of Nile cooperation and exchange experiences, views and ideas on topical issues related to the cooperative management and development of the common Nile Basin water and related resources. The Nile Day will be marked by revisiting best ways of managing and developing the shared Nile waters and related resources for win-win benefits. The commemoration is also an occasion for participants to appreciate the rich and varied cultures which exist within the Nile Basin. The theme for the Nile Day 2022 is: "The Nile: Our Heritage for Peace and Prosperity". The event is attended by ministers in charge of water affairs in the Nile Basin countries, representatives from NBI member states embassies in Tanzania and officials from ministries whose activities relate to the management and development of the shared water resources such as water and

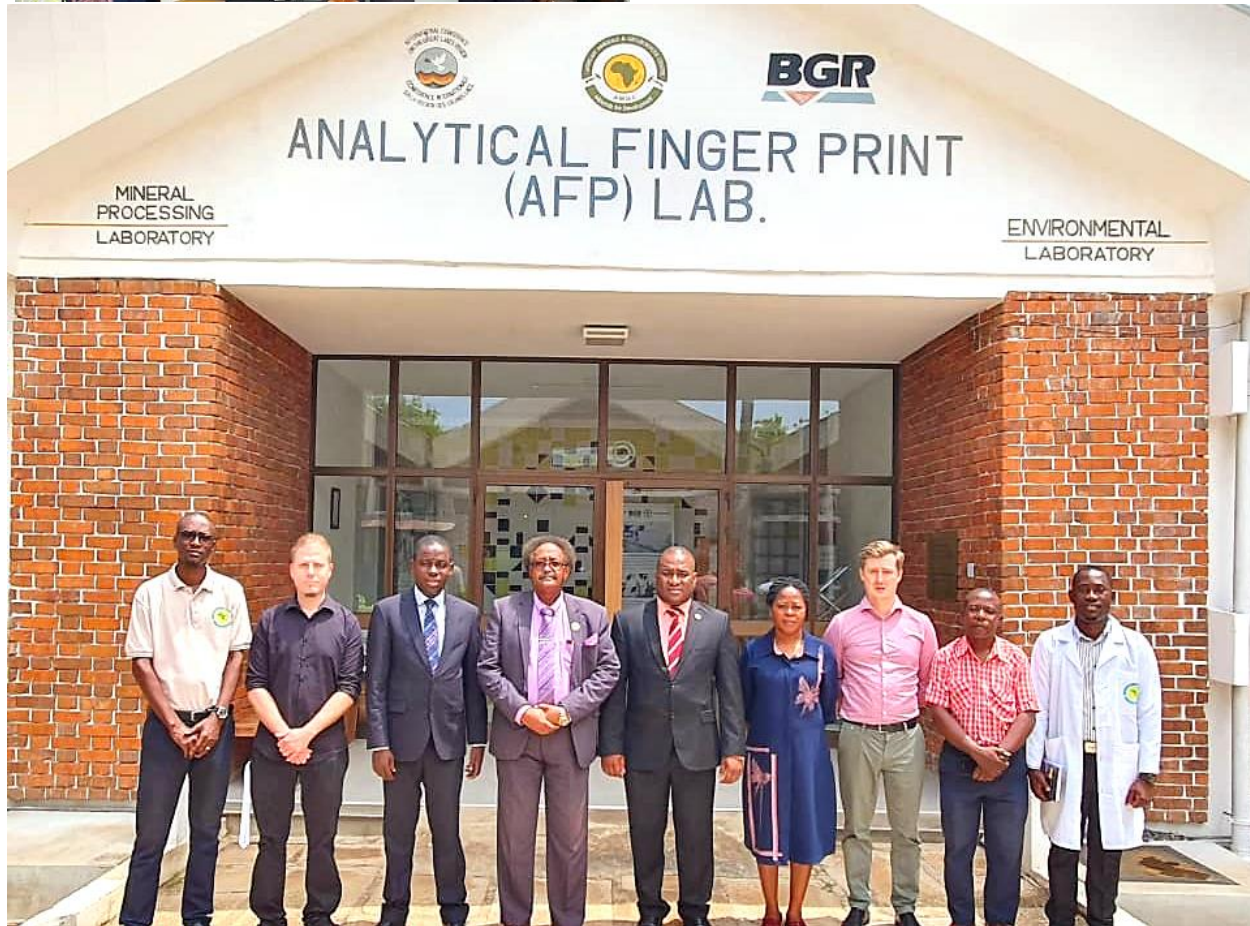
## Visit of Ministry of Mining, South Sudan Delegation to AMGC



The African Minerals and Geosciences Centre (AMGC) was honored on 24<sup>th</sup> February, 2022 by a familiarization visit paid by the Ministry of Mining, South Sudan Delegation to the Mineral and Mining Conference - Dar 2022. The delegation consisted of the following dignitaries: Hon. Martin Gama Abucha Minister, Hon. Dr. Andu Esbon Adde Undersecretary, Hon, Ramadan Hassan Chairperson, Parliamentary Standing Specialized Committee on Mining, Eng. James Yousif Kundu DG of Mineral Developments, Eng. Agnes Sapana Kumuyangi Director General of Geological Survey, Isaac Kawai Steve Office Manager, Office of the Minister, Hamza Juma Abdalla Security/Protocol, George Modi Stephen Private Secretary, Amb. Mustafa Lowoh, Director of Natural Resources, Ministry of Foreign Affairs. The Director General of AMGC briefed the delegation regarding development of the Centre, vision and mandate in provision of mineral services including training, consultancy, and analysis to the Mining Sector and Geosciences Community in Africa. The delegation toured all the technical departments of AMGC and expressed their appreciation and willingness to complete the procedure of joining the membership of the Centre soon. The Director General of AMGC awarded AMGC's badge to his former colleague and old friend Dr. Andu Esbon, the Under Secretary of Mining Ministry of South Sudan.



## Visit of International Conference on the Great Lakes Region (ICGLR) Delegation to AMGC



The International Conference on the Great Lakes Region (ICGLR) delegation led by the Dr. Emmanuel Mali Makumba, the Director, Democracy and Good Governance accompanied by Mr. Gerard Nayuburundi and Mrs. Arthemie Ndikumana had attended the Tanzania Mineral and Mining Investment Conference during 21-24 February 2022. The ICGLR delegation visited the African Minerals and Geosciences Centre (AMGC) on February 25, 2022 as well as held a meeting with the AMGC and the Federal Institute for Geosciences and Natural Resources (BGR), Germany as the development partner. The meeting discussed various issues on Analytical Finger Printing Lab (AFP) including management and technical aspects along with commercialization of the laboratory for sustainability.

## 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>Finance and Administration Services</b>				
Leadership and Management Skills Training Course	✓		2 Weeks	\$800
Financial Management Skills Training Course	✓		2 Weeks	\$800
Executive Secretarial Training Course	✓		2 Weeks	\$800
<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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## INDUSTRIAL MINERALS APPLICATION SERVICES

The main function of the Industrial Minerals application Department is to carry out Research & Development in product development and evaluation of the industrial minerals potential of the member states of AMGC as well as to assess their applicability mainly in ceramic and related fields.

### TRAINING

The Department conducts, practical courses with basic lessons in clay technology, pottery and ceramics.

The courses are designed for women and men interested in acquiring the basic know-how and skills in ceramics and pottery technology and its allied products.



Participants from Jamaica on Ceramic and pottery training



Forming by throwing

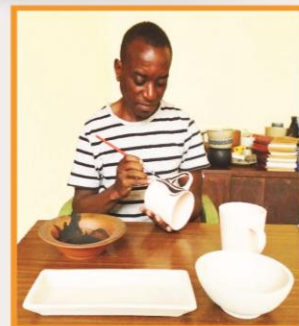
### PRODUCTION OF TABLE WARES



Finishing of products



Forming by slip casting



Artist decorating wares

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