



AMGC News

Director General's Message



In the month of May, the management succeeded in meeting the operation costs for the Centre including emolument for staff during the eleven months period July 2020 - May 2021, after receiving subscriptions and arrears from four member states of AMGC (Angola, Kenya, Sudan and Uganda), which contributed honorably in the financial support to the Centre during the current financial crisis the Centre is facing. The Geological Department of the Gambia sent additional three employees for a training course to be carried out at AMGC. The installation of a new X-Ray Diffractometer had completed and the machine started operation. The Centre through its Ceramic Section at the Industrial Mineral Applications Department participated in the Artisan Market Exhibition on Saturday May 22, 2021 at the Little Theatre, Dar es Salaam. The Centre received the Charge' D'affaires of Embassy of Sudan in Tanzania. The Centre also signed a MoU with Atlantis Consultancy and Training Limited for collaboration in the area of capacity building.

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Installation of a New Benchtop X-Ray Diffraction (XRD)



Finalization ceremony for installation of a new Benchtop X-ray Diffraction (XRD) by Mr. George Van Der Walt the technician from WIRSAM South Africa in the African Minerals & Geosciences Centre (AMGC).



The old XRD was procured in late 1997 and operated till 2010. It has been widely used by academic institutes in East Africa on research purposes.



In spite of prevailing financial constraints, the new XRD was purchased from AMGC own limited financial resources as part of enhancing the analytical infrastructures, boosting income generation and development of the Centre.

Training Course on Open-Source GIS



Certificate ceremony of the following members of the Geological Department of Gambia who has just finished attending a training course on Open-Source GIS organized by the African Minerals and Geosciences Centre (AMGC), from 03rd May 2021 to 14th May 2021:- Mr. Ismaila M. Saho, Ms Ndey Yassin Ndow and Ms Nyimasatou Jawara

AMGC Participation in the Artisan Market Exhibition

The African Minerals and Geosciences Centre (AMGC) through its Ceramic Section at the Industrial Minerals Application Department (IMAD) participated in the Artisan Market Exhibition on Saturday May 22, 2021 at the Little Theatre which is located at St. Peter's Square off of Haile Selassie Road in Dar es Salaam, Tanzania from 9 a.m. to 4 p.m. The participation in the Artisan Market is strictly by invitation only and the Centre took the pride in curating the market to ensure that vendors get the best exposure and shoppers get the best experience finding Tanzania's finest crafts in one place.



AMGC
Your Pan-African Mineral Services Provider

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.

PRODUCTION OF TABLE WARES

Participants from Tanzania on Ceramic and pottery training

Forming by throwing

Forming of products

Forming by slip casting

Wheel throwing pottery

Glazing of decorated ware

Firing of products

Glazing of ceramic products during exhibition

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Visit by H.E. Jaafar Nasir Abdalla, the Chargé D'affaires of the Sudan Embassy in the United Republic of Tanzania



On 21st May 2021 H.E. Jaafar Nasir Abdalla, Charge D'affaires of the Sudan Embassy in Dar es Salaam, Tanzania paid a courtesy visit to the African Minerals and Geosciences Centre (AMGC). H.E. Jaafar Nasir Abdalla was briefed regarding current challenges facing the Centre and he commended the efforts of the Management to encourage AMGC's member states to fulfil their financial commitments to the Centre during the current financial constraint facing the Centre. It is worth mentioning that, on 18th of May 2021, Kenya paid the rest of its arrears and subscription and Uganda cleared much of its debts to the Centre to pay salaries for the months of April and May 2021. The Director General of AMGC expressed his appreciation to the high concern of H.E. Jaafar Nasir Abdalla and the job requested by the Sudan Embassy to make special design ceramic wares such as tea set, coffee set, candle holders and vessels to inject some funds to the Centre's income. The African Minerals and Geosciences Centre requests the diplomatic missions of other AMGC member states in Dar es Salaam, Tanzania to encourage the mineral services provision by the Centre through its Industrial Minerals Application Department by requesting similar artistic handmade Ceramic wares.

MoU between African Minerals and Geosciences Centre (AMGC) and Atlantis Consultancy and Trading



MoU

WITH



The Director General signing on 25th May 2021 a MEMORANDUM OF UNDERSTANDING ON COOPERATION BETWEEN AFRICAN MINERALS AND GEOSCIENCES CENTRE (AMGC) AND ATLANTIS CONSULTANCY AND TRADING. The MoU shall be for the mutual interests between the two institutions to collaborate in the areas of as Exploration Consultancy on Oil & Gas and Solid Minerals, in AMGC's member states and whole Africa.

Congratulatory Message

The African Minerals and Geosciences Centre (AMGC), has the honour to congratulate Ms Agnes Alaba for being appointed Ag. Director for the Directorate of the Geological Survey and Mines of Uganda and also for being appointed Desk and Liaison Officer as well as Ugandan Representative on the Board of Director of AMGC. We take this opportunity to thanks the Ministry of Energy and Mineral Development of Uganda for its support and the continued commitment to strengthening the Centre.



GRATITUDE AND APPRECIATION



The African Minerals and Geosciences Centre (AMGC) would like to express its much appreciation and gratitude to the four member states of AMGC, i.e. Angola, Kenya, Sudan and Uganda for contributing honorably in the financial support to the Centre during the current financial crisis the Centre is facing. The Management managed in meeting the operation costs for the Centre including emolument for staff till May 2021, after receiving subscriptions and arrears from the four 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.

New Training Course

The African Minerals and Geosciences Centre (AMGC) is pleased to announce a new training course for Gemstone Exploration outlined as following:-

1. Geological Processes and Formation of Gemstones
2. Methods for Exploration of Gemstones
 - a. Geological Mapping
 - b. Geochemical
 - c. Geophysics
 - d. Metallurgy
3. Evaluation of Gemstone Resources
4. Case Studies /Examples

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
Chemical and Environmental Services				
Spectrometric Methods of Analysis.	✓		2 Weeks	\$800
Analysis of Gold and Other Base Metals	✓		2 Weeks	\$800
Quality Management				
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
Mineralogy, Petrology and Gemmology Services				
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
Industrial Minerals Application Services				
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

Mineral Processing and Small-scale Mining Services				
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
Geo-information Services				
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	

Event

AWEIK in collaboration with the Ministry of Petroleum and Mining, Kenya will hold the Gems Africa 2021 Virtual Conference themed “Responsible Sourcing of Gemstones and gold from Mines to Market” hosted by the Kenya Gem and Jewellery Fair (KGJF), an AWEIK annual flagship event. The one-day virtual conference will be held on 12 July, 2021 from 8.00am-4.30pm EAT.





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***Minerals for
Development***

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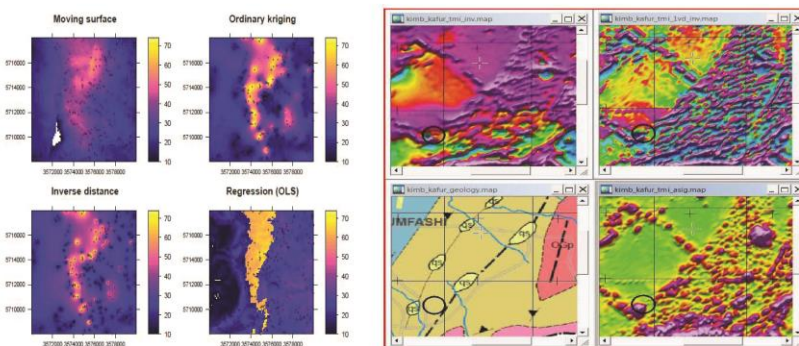
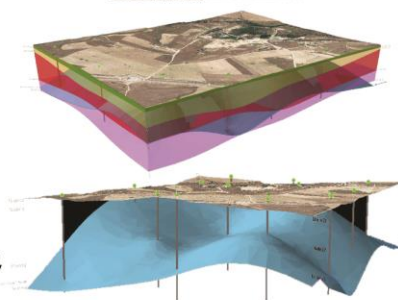
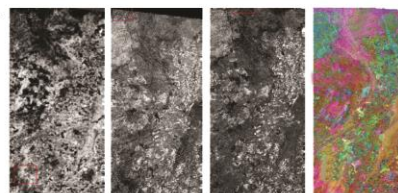


GEO-INFORMATION SERVICES

- 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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