



Understanding The Value Chain Possibilities Of West-Central African Mineral, Energy And Geoheritage Potentials

10th SGA-SEG-IUGS-UNESCO Short Course on African Metallogeny

General information :

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Foreign students register - grant application

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The 10th SGA Metallogeny short course in Ibadan, Nigeria will focus on materials application in the value chain of Nigeria and its neighbouring countries, mineral, energy and geoheritage potentials and on implementing strong partnerships with Trans-African partners and transcontinental countries.

Nigeria is Africa's giant, ranking among the top four economic power on the continent in 2025. Nigeria, known for its oil and gas production, also has most of the important metal resources needed for economic and technological development at the national, regional, and continental levels. Its unique location as a cross-section between West and Central Africa, gives Nigeria a strategic trade position.

The target audience are geologists and engineers in exploration and mining companies. Those from the processing sector and geological surveys, PhD and Master's students, researchers, and university lecturers are also potential participants.

The goal of these short courses is to develop personal skills and competencies in exploration and mining across the value chain.



22nd – 26th June 2026

Ibadan, Nigeria

organized by

**Society for Geology Applied to
Mineral Deposits**

**University of Ibadan, NMGS,
Nigerian Society of Economic
Geologists, GSAf**

The meeting centers around the metal-energy value chain in West-Central Africa. In Addition, it will also include discussions on geosites/geopark potentials for economic development.

TOPICS

- ❖ Concepts of value chain and imperatives for mineral resources development.
- ❖ Materials for crops: Agrominerals for food security.
- ❖ Rocks for Energy: (Lithium, REE, silica, graphite, Fe, Nb, Ta, W, Sn) Oil and Gas versus/towards the renewables, (wind, solar, hydropower).
- ❖ Rocks for transport- infrastructures sector (Fe, Al, Ti)
- ❖ Sustainable industrialization in the raw material sector through strong international partnerships.
- ❖ AI, machine learning based on Earth Observation products and data platform for optimizing exploration, mining and processing.
- ❖ Zero-accident/Zero waste and low environmental incident mining and processing: short, medium and long term imperatives.
- ❖ Material traceability, standards and codes: The journey so far.
- ❖ Rapid capacity development through education and training.



The short course will comprise 2.5 days of lectures, workshops (personal skill development) and evening events, as well as 2.5 days of practical training and excursion to the gold mine and the Limestone mining and cement factories, and to significant near geosites around Ogun and Ekiti states

Lectures:	
Students	250€
Academia/government/parastatal	500€
Industry	1000€
Online participation	100€
Field trips	
Students	200€
Academia/government/parastatal	400€
Industry	600€
4 Workshops (each 100€)	400€

Fieldtrips

2 days (Thursday 25th and Friday 26th June) Field excursion and mine visit to identified mines and Geoheritage /geotouristic sites.

Course structure and social events

- **Registration and Ice breaker** : Sunday 21st June 2026
 - Venue: Geology Department Foyer
- **Lectures, panels and workshops**:
 - Option: Sunday 21st: Workshops
 - Monday 22nd – Wednesday 24th June 2026 (2.5 days)
- **Course dinner: Tuesday 23rd**

Preregistration link:

<https://forms.gle/ciqXbX3b4BrhwSjd6>

Organizing Committee

- **Olugbenga Okunlola** (President Geological Society of Africa/University of Ibadan)
- **Samuel Olobaniyi** (President Nigerian Society of Economic Geologists (NSEG))
- **Akinade Olatunji** University of Ibadan
- **Mathew Nton** (Head Department of Geology, University of Ibadan)
- **Beate Orberger** (SGA resp. for African Metallogny Short Courses, Géosciences Conseils Catura Geoprojects, France)
- **Ismahene Chaouche** (SGA, African Metallogeny short course co-coordinator, UTHB, Algeria)
- **Edmund Nickless** (IUIGS chair, Resourcing Future Generations Initiative, UK)
- **David Baratoux** (IRD Research Director, Geosciences Environnement Toulouse (GET))
- **Filadelphia Mbingeenko** (Vice President SGA Subsaharian Africa Windoek, Namibia)
- **Mary Immaculate Neh Fru** (SGA, African Short Course workshop activity-coordinator, CRGM, Garoua, Cameroon).
- **Malick Faye** (SGA president Young Scientist Network Senegal)
- **Neijib Jemali** (Associate Professor, University of Gafsa / INRAP, Tunisia)