



9th SGA-SGNS-IUGS-SEG-UNESCO SHORT COURSE ON AFRICAN

How can West Africa best use its mineral wealth for economic development?

The 9th Short course of African metallogeny will use titanium, zirconium, phosphate, and bauxite as examples, to explore challenges and opportunities to add value in-country to mined materials.

West Africa plays a key role as an important supplier of these materials. Can West Africa mine, concentrate, and produce intermediate metal compounds? This could enable the economic transition envisaged by the African Mining Vision 2050 and the Agenda 2063 of the African Union.

The target audiences are engineers and geologists in exploration and mining companies, but also those from the processing sector and geological surveys, PhD and Masters' students, researchers, and university lecturers."

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

**25th – 29th November 2024
Dakar, Senegal**

organized by
**Society for Geology Applied to Mineral Deposits
National Geological Survey of Senegal
UNESCO, IUGS, RFG, SEG, AJGES**



The meeting will discuss the mineral wealth of West Africa and its optimal use for economic development, in the current context of the global energy transition and decarbonization of the mining and metallurgical industries.

TOPICS

- ❖ The role of technology metals in the energy transition in West Africa.
- ❖ Environmental impact, managing environmental degradation, sustainable mining.
- ❖ Titanium-zircon oxide deposits: opportunities and risks for West Africa
- ❖ Bauxite a critical raw material: opportunities and risks for West Africa
- ❖ Phosphate deposits: opportunities and risks for West Africa.



Fieldtrips

- 2 days (Thursday 28th and Friday 29th November) Field excursion and mine visit at Eramet mine and at BAOBAB MINING and CHEMICALS CORPORATION (BMCC) Sénégal

Course structure and social events

- Registration, icebreaker: Sunday 24th November at Amadou Mactar Mbow University
- Lecturers: Monday 25th – Wed 27th November (2,5 days)
- Course dinner: Tuesday 26th November, Club de pêche Gorée
- Workshop (personal skill development): 25th, 26th November
- Panel discussion: Wednesday 27th November

Preregistration link



https://docs.google.com/forms/d/e/1FAIpQLSc-4ALF9Sk4e_tKYKg1awwSHJOg1uatCNRB3Rg3TDnFOXaOkQ/viewform?usp=pp_url

Organizing Committee

- **Rokhaya Samba** (Director of National Geological Survey of Senegal)
- **Mahamadane DIENE**, Director of ENSMG
- **Malick Faye** (SGA president Young Scientist network Senegal,)
- **Doro Niang** (President of AJGES, Vice President of SGA Senegal)
- **Raymond SAGNA** (Director of Exploration and Applied Geology, SGNS, Senegal)
- **Alla Diaw** (Director of Laboratories, SGNS Senegal)
- **Fatoumata Dramé** (Director of Documentation and Information, SGNS, Senegal)
- **Ibrahima Maal**, (Chef de département Géosciences UAM)
- **Cheikh Ibrahima Youm** (Enseignant-Chercheur, UCAD)
- **Beate Orberger** (SGA resp. for African Metallogny Short Courses, Université Paris Saclay, Catura Geoprojects, France)
- **Ismahene Chaouche** (SGA, African Metallogeny short course co-coordinator, UTHB, Algeria)
- **Edmund Nickless** (IUGS chair Resourcing Future Generations Initiative, UK)
- **David Baratoux** (IRD Research Director, Geosciences Environnement Toulouse (GET))
- **Riad Ben El Khaznadji**((FSTGAT/USTHB). ALGERIA)
- **Mouloud Issaad**((FSTGAT/USTHB). ALGERIA)
- **Filadelphia Mbingeneko** (Vice President SGA Subsaharian Africa Windoek, Namibia)
- **Mary Immaculate Neh Fru** (SGA, African Short Course workshop activity-coordinator, CRGM, Garoua Cameroon)

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 Titanium sand deposits mined by Eramet, and phosphate deposits mined by BMCC Senegal.

Indicative FEES (€)

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

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