



SGA- Green Metal Virtual Seminar 2020

preparation to the 7th Short course on African Metallogeny: Energy Metals for a Sustainable Society

According to the global sanitary situation and the uncertainty of the evolution of the corona virus infections and related travel restrictions, the **7th short course on African Metallogeny was postponed to 4Q2021** on the same topic in Windhoek, Namibia.

Many students registered and 12 students from outside Namibia obtained scholarships from UNESCO, after an evaluation process, to travel next year to Namibia.

SGA-IUGS in cooperation with the University of Namibia, the Geological Survey of Namibia and the Namibian Uranium Association, and the student chapters of Senegal and Ivory Coast, proposes for the registered MSc and PhD students a seminar on the topic “Green metals” in preparation to the short course 2021

The objective of this seminar is to work in international groups (cross-country) on a topic concerning ‘Green Metals’. The topics were proposed by the organizing committee.

| Seminar TOPICS |
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| Uranium and its potential as green metal |
| Sustainability of rare earth elements |
| Environmental and societal risks of mine wastes |
| Lithium batteries: is it a green technology? |
| Bauxite a critical raw material: reserves and risks for Africa |
| Titanium resources and reserves in Africa for worldwide use in green technologies |

The tasks are:

1. Preparing a common power point presentation (members of the organizing committee will interact and guide)
2. 30 min: Presenting the topic and outcomes by skype/zoom/teams for all including the organizing committee, followed by 20 min. discussion.
3. Writing an abstract of ½ page in English.

The committee will deliver a SGA certificate after evaluation.

Many students have met at the short course held in Ivory Coast in November 2019 thanks to UNESCO scholarships. This networking can now be extended and collaboration will improve.

Seventeen MSc and PhD students from 8 countries (Senegal, Ivory Coast, Ghana, Namibia, Cameroon, Iran, Ireland, Nigeria) registered to participate in this seminar.

They formed quickly groups of 3 and selected a topic. The UNESCO scholarships provided in 2019 to students from outside Ivory Coast (short course place), was a great help to create this international student network.

The introduction, a ZOOM meeting was held on Thursday 1st October 2020 at 10h Paris-time.

Zoom meetings are also held with the individual groups to advise and guide through the work.

Presentations and an abstract will be sent until 30th October 2020. **Public presentations will be held in the first two weeks of October.** A common WhatsApp group was established to easily exchange information and photos.

Beate Orberger and Ismahene Chaouche Paris, 1st October 2020