

This Initiative aims to support the development of the next generation of Earth scientists in Africa who are equipped with the necessary tools, networks and perspectives to apply sound science to solving and benefiting from the challenges and opportunities of sustainable development. The opportunities in the Earth sciences are great, starting with traditional mineral extraction and extending into environmental management such as climate change adaptation, prevention of natural hazards, and ensuring access to drinking water.

Regional scoping workshops were organized to assess regional capacities and needs in Earth science education, research and industry underlining existing centers of excellence through conversation with relevant regional and international experts including representatives of Universities, Applied Schools, Geological Surveys, Industry, and Government and plotting the way ahead for Earth science education.

In order to start implementing these recommendations, UNESCO will facilitate and help African countries to respond accordingly with three initial activities, to be implemented during the current biennium.

- > Establish an African Network of Earth Science Institutions (ANESI) to foster collaboration between Departments of Earth sciences of universities, Earth sciences research institutions and related industries. The project is already endorsed by the Geological Society of Africa and the African Conference of Vice Chancellors and Deans of Science, Engineering and Technology.
- > Develop a Mobile Geologic Field Mapping School which will focus on teaching early career Earth scientists geologic field mapping as an important geologic tool for their careers, and a vital exercise for countries to identify their resources. This activity could contribute to the Africa Mining Vision.
- **>** Look at the **status of Earth science** education at primary and secondary **level in schools** to forge the future generation of 'Earth stewards' and give Earth sciences a status that reflects the importance that this discipline plays in the everyday life of African people. We plan to start with the Government of Diibouti as a show case.

UNESCO welcomes partnerships to implement these activities

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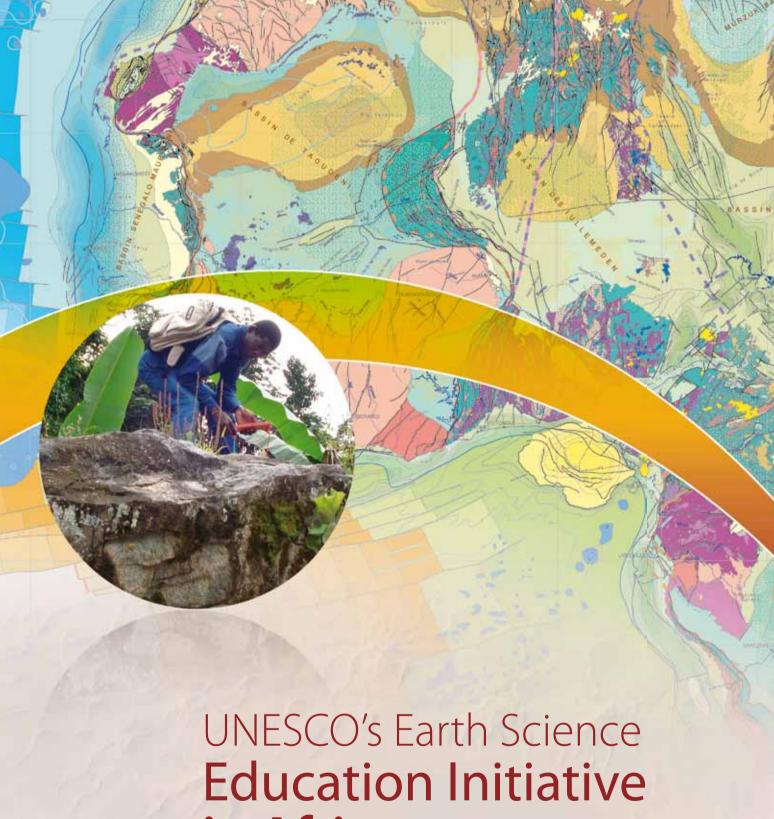
Geologist in the field in Cameroon.











in Africa



