



**PanAfGeo**

*Geoscientific Knowledge & Skills  
in African Geological Surveys*



## Call for Applications for a PanAfGeo Training

### « WP6 – Geoheritage »

30<sup>th</sup> October to 4<sup>th</sup> November 2017, Marrakech, Morocco  
in French

#### 1. MAIN CONTEXT OF PANAFGEO

“PanAfGeo” for “Pan-African Support to the EuroGeoSurveys-Organisation of African Geological Surveys (EGS-OAGS) Partnership” is a project which supports the training of geoscientific staff from African Geological Surveys through the development of an innovative training programme that includes the acquisition and development of important professional skills that complement their qualifications and technical skills. The training programme is carried out by world-class geoscientific experts coming from African and European Geological Surveys.

PanAfGeo is co-funded by the European Commission (Directorate-General of Development and International Cooperation) and by a Consortium of 12 European Geological Surveys coordinated by the French Geological Survey (BRGM).

This programme allows trainees to acquire a state-of-the-art tool kit that contains methods and/or field work from eight geoscientific domains:

- WP1 – Geoscientific Mapping;
- WP2 – Mineral Resources Assessment;
- WP3 – Artisanal and Small-Scale Mining;
- WP4 – Environmental Management of Mines;
- WP5 – Geohazards;
- WP6 – Geoheritage;
- WP7 – Geoinformation Management;
- WP8 – Communication and Promotion.

The “PanAfGeo Charter for Trainees” provides the general quality framework for selection of trainees who will attend the training sessions carried out in the frame of the PanAfGeo Project. This Charter is awarded for the full duration of the PanAfGeo Project. Implementation of the Charter will be monitored and violation of any of its principles and commitments may lead to its withdrawal by the PanAfGeo Project Coordination.

The overall objective and impact of PanAfGeo is to improve the governance and sustainable use of African mineral resources and related infrastructures. The specific objective and outcome is to strengthen the knowledge and skills in Africa’s mining sector and specifically of African Geological Surveys, to make them able to contribute – in their respective countries – with their expertise and data to informed decision-making and good governance as well as sustainable use of mineral resources and reinforcing the capacity of the Organisation of African Geological Surveys (OAGS).



Co-funded by the  
European Union



THE AFRICA-EU PARTNERSHIP  
LE PARTENARIAT AFRIQUE-UE

## 2. CONTENT & METHODOLOGY OF THE “WP6 – GEOHERITAGE” TRAINING

---

Africa is home to a wealth of natural heritage and natural diversity, some of it critically endangered and affected by numerous threats. While geodiversity represents the natural diversity of abiotic elements, geoheritage includes those most important and significant sites, which are only recently beginning to get due attention as part of nature conservation. The potential of geoheritage promotion for local socio-economic development depends on appropriate inventories and assessment for true sustainable use of a non-renewable resource. The main areas of interest for Geological Surveys are:

- Conceptual framework: recent concepts and advances in geoconservation;
- Methodological background: identification, classification, inventory, and assessment of geosites;
- Field mapping: specific techniques for field identification and mapping of geosites;
- Case studies: African examples of good practice in inventories and geoconservation;
- Project development: steps for geosite management plans, Geopark proposals, etc.

PanAfGeo WP6 will organize altogether five (5) training sessions on Geoheritage across Africa during 2017-2019. Three (3) sessions will be run in English, one (1) in French, and one (1) in Portuguese (depending on the number of Portuguese speaking applicants).

**The first one of the WP6 trainings will take place in French in Morocco in late October-early November**, and after this there will be four (4) more sessions to come in 2018 and 2019. The second training will be in English in early May 2018, in Dar es Salaam, Tanzania. We would like to organize training sessions on geoheritage also in Namibia, South Africa or Mozambique, but contacts are on their way and these trainings have not yet been confirmed. It is recommended that the applicants consider their language/country preferences when choosing to which of the five (5) training sessions they apply for.

“**WP6 – Geoheritage**” aims to provide or increase the basic background knowledge and skills of African staff regarding the tasks of geological surveys in geoconservation. It will develop the following main topics, including practical examples in the first African geopark (M’Goun, High Atlas of Morocco).

“WP6 - Geoheritage” is coordinated by the Geological Survey of Spain (IGME) with the close technical and scientific assistance of the Geological Survey of Chad (MME) and the Geological Survey of Morocco.

- Number of attendants: 25.
- Length: 6 days.
- Trainers: 3 European trainers + 2 African trainers.
- Programme:
  - Basic concepts on geoheritage, geodiversity, geoconservation, geotourism and geoparks.
  - Relationship between geodiversity, biodiversity and cultural diversity contexts.
  - Relationship between geoheritage and mining heritage.
  - Methodology of inventories. Geosite identification and assessment. Planning and development of inventories.
  - Strategic planning for geoconservation. Types of initiatives: protection, restoration, mitigation.
  - International conventions, norms and legislation.
  - Geoconservation in protected areas. Site monitoring and management recommendations.
  - Geoparks and geotourism for local socioeconomic development.
  - Public outreach initiatives. Interpretation of geoheritage.
  - Geoconservation in landscape planning, territorial planning and urban planning.

### 3. MAIN EXPECTED LEARNING OUTCOMES OF THE COURSE

---

Participants in **WP6 – Geoheritage** will be trained through theory and practice on the basic geoconservation services to be provided by a geological survey.

By the end of the course, the participants should be able to:

- Understand the key concepts and terminology used in geoconservation within different sectors.
- Apply the basic methodologies used in the planning and development of geoheritage inventories.
- Know the main international conventions applying in their country.
- Contribute to geoconservation in natural protected areas and geoparks.
- Contribute to local socioeconomic development with geoheritage inventories and counselling on geoheritage management and public outreach.
- Counsel local administration with the consideration of geoheritage in territorial and urban planning.

### 4. TIME SCHEDULE

---

Date of training session:	<b>From 30 October 2017 to 4 November 2017</b>
Location:	<b>Marrakech, Morocco</b>
Application deadline:	<b>20 August 2017</b>
Language:	<b>French</b>

### 5. WHO CAN APPLY?

---

The PanAfGeo “WP6 – Geoheritage” training session is open to all persons who are eligible according to the conditions of the “**PanAfGeo Charter for Trainee**”.

### 6. FUNDING OF THE TRAINING

---

The PanAfGeo “WP6 – Geoheritage” training session is supported through funds of the European Commission.

The following expenses will be covered:

- International travel costs: flight to and from Africa and ground travel in Africa, according to the programme of the training session;
- Accommodation, breakfast, catering and joint meals during the training session;
- A daily training allowance of 30 EUR.

## 7. APPLICATION AND SELECTION PROCEDURE

---

In order to be considered, applicants for the PanAfGeo Training Session entitled “WP6 – Geoheritage” must complete the documents listed hereafter:

- 1 - Applicant Form for a PanAfGeo Training;
- 2 - Letter of Commitment signed by your employer;
- 3 - Letter of Motivation.

Please complete these documents and send them to [e.diaz@igme.es](mailto:e.diaz@igme.es), [nambating@gmail.com](mailto:nambating@gmail.com) and [a.benlakhdim@mem.gov.ma](mailto:a.benlakhdim@mem.gov.ma) before the **Application Deadline: 20 August, 2017**.

The selection process will take into account regional-national representation and a gender balance following the aim of strengthening skills of African Geological Surveys geoscientific staff.

Applicants will be informed about the result of the selection process by mid-September 2017. The Invitation Letter will be sent out immediately in order to allow time for Visa processing and delivery.

Information about the PanAfGeo Programme can be found via the internet address:

<http://panafgeo.eurogeosurveys.org>

Questions regarding PanAfGeo should be addressed to EuroGeoSurveys via the email address:

[info@eurogeosurveys.org](mailto:info@eurogeosurveys.org)

or to the Organisation of African Geological Surveys (OAGS) via the email address:

[oags@geoscience.org.za](mailto:oags@geoscience.org.za)



## **PanAfGeo**

*Geoscientific Knowledge & Skills  
in African Geological Surveys*



### **DR ENRIQUE DIAZ MARTINEZ**

WP6 – Geoheritage Leader  
Senior Geologist  
Geological Survey of Spain (IGME)  
[e.diaz@igme.es](mailto:e.diaz@igme.es)

### **DR JEAN-MARIE DJIMADOUM NAMBATINGAR**

WP6 – Geoheritage Co-Leader  
Director of Geology and Mines  
Geological Survey of Chad (MME)  
[nambating@gmail.com](mailto:nambating@gmail.com)

### **MR AHMED BENLAKHDIM**

WP6 – Geoheritage Deputy Co-Leader  
Director of Geology  
Geological Survey of Morocco (DG-MEM)  
[a.benlakhdim@mem.gov.ma](mailto:a.benlakhdim@mem.gov.ma)