**Call for Applications**

*for a PanAfGeo WP1–N3 Training*

***«WP1 – Geoscientific Mapping, part WP1-N3 – Geological Field Mapping»***

20th August - 15th September 2018, Tsaobis Park, Namibia

in English

**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).

**2. Content & Methodology of the *“WP1 - Geoscientific Mapping”* Training**

Geological map is a scale-down interpretation of the structure of the selected area of the upper part of the Earth crust usually drawn on a topographic map.

Geoscientific mapping is a step-by-step process during which geological map is compiled as a base for the state and public administrations, in particular for making decisions when planning civil works, and formulating policies on energy, minerals and environmental protection.

**“WP1 - Geoscientific Mapping”** aims to implement geological, GIS (Geographic Information System) and organisational techniques from preparation phase to finalisation of geological map and explanatory notes in the conditions of the African Geological Surveys.

WP1 - Geoscientific Mapping is coordinated by the Czech Geological Survey (CGS) with the close technical and scientific assistance of the Geological Survey of Ethiopia (GSE) and the Geological Survey of Malawi (GSD). More support comes from the French Geological Survey (BRGM), the Geological Survey of Spain (IGME), the Geological Survey of Slovenia (GeoZS) and the Geological Survey of Poland (PGI-NRI).

Training for Geoscientific Mapping has been planned in two segments:

* Introduction to remote sensing WP1a, one training finished in Ethiopia in 2017
* Field training in geological mapping WP1b, 4 trainings in English language in Namibia 2018 (this call), and 2019, Ethiopia 2018 (finished) and 2019, and 2 trainings in French language in Morocco 2018, and probably in Senegal 2019, to be confirmed.

*WP1b Field geological mapping*

This second part of the training aims to do practical exercise on field techniques used during the geological mapping, collecting of data, interpreting petrological, geochemical, geophysical, structural, stratigraphic and geochronological data in terms of compiling geological map, summarising the data and preparation of geological map. Remote sensing principles and digital data handling will be included in an abridged practical form. Trainings will take place in 2018 and 2019, separate calls will be announced for each course of field geological mapping.

**3. Main expected learning outcomes of the course**

WP1 Geoscientific Mapping” aims to raise level of skills of African staff in terms of field geology mapping so as to African geologists can make geological maps to finally better cover the continent at different scales with own good-quality data. Thus, modern geological maps at multiple scales will match with requirements of potential investors of the public and private sectors, especially in the field of mining, exploration and agriculture.

**4. Time Schedule**

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| **Date of training session** | From August 20 to 15 September 2018 |
| **Location** | Tsaobis Park and Windhoek, Namibia |
| **Application deadline** | **25 May 2018** |

**5. Who can apply?**

The PanAfGeo *“WP1-N3 – Field Geological Mapping”* training session is open to all persons who are eligible according to the conditions of the ***“PanAfGeo Charter for Trainee”****.*

Good computer skills and practical knowledge of spoken and written English language are necessary. For French-speaking applicants, please apply for one of the following French trainings.

**6. Funding of the Training**

The PanAfGeo *“WP1bN3 – Field Geological Mapping”* 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;
* Entrance visa fees
* Accommodation, breakfast, catering and joint meals during the training session;
* A daily training allowance of 30 EUR.

The technical equipment for the work will be provided at the place.

**7. Application and Selection Procedure**

In order to be considered, applicants for the PanAfGeo Training Session entitled *“WP1 – Geoscientific Mapping”* must complete the documents listed hereafter:

1 - Application Form for this PanAfGeo training (WP1-N3);

2 - Letter of Commitment signed by your employer;

3 - Letter of Motivation.

Please complete these documents and send them by e-mail to

* the WP1 coordinator dr. Veronika Stedra, Czech Geological Survey, Czech Republic ([veronika.stedra@geology.cz](mailto:veronika.stedra@geology.cz)),
* the WP1 co-leader Mr. Hundie Melka Yadete ([hundiemelkay@yahoo.com](mailto:hundiemelkay@yahoo.com)) from GSE, Ethiopia
* the WP1 deputy co-leader Mr. Nathan Banda from GSD, Malawi ([nathanbanda99@gmail.com](mailto:nathanbanda99@gmail.com)).

before the **Application Deadline:** **25 May, 2018**

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.

All applicants will be informed about the result of the selection process approximately at the half of June 2018. The Invitation Letter will be sent immediately in order to allow time for Visa processing and delivery. Your transport to Windhoek will be organized by the EuroGeoSurvey and the information on the flight will be sent by e-mail.

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**

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

**oags@geoscience.org.za**

Questions regarding practical issues of the course should be addressed to the training coordinators via the e-mail addresses: [veronika.stedra@geology.cz](mailto:veronika.stedra@geology.cz) and to [Ewereth.Muvangua@mme.gov.na](mailto:Ewereth.Muvangua@mme.gov.na)

( [emuvangua@gmail.com](mailto:emuvangua@gmail.com)), Dr. Ewereth Muwangua from the Geological Survey of Namibia.

**Ms Veronika Stedra**

WP1 – Geoscientific Mapping Leader

Senior Geologist

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**Mr Masresha Gebre Selassie**

WP1 – Geoscientific Mapping Co-Leader

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WP1 – Geoscientific Mapping Deputy Co-Leader

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