

HUMAN RESOURCES CAPACITY BUILDING AND TRAINING: MINERAL RESOURCES

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APPLIED GEOLOGY FOR MINERAL RESOURCE ASSESSMENT (GIS):

SPECIFIC OBJECTIVE:

- a. Collection of geodata
 - Geological mapping
 - Geophysical mapping including Airborne & Ground geophysics
- b. Processing of data
- c. Produce thematic maps
- d. Disseminate the information

ENVIRONMENTAL ISSUES RELATING TO MINING:

Environmental problems caused by mining and mine closure. This may be done in conjunction with other State Institutions i.e. EPA, Mines Inspectorate, etc, which have some oversight responsibilities over mining.

GENERAL CONSENSUS REACHED:

- **Infrastructure:** Computers and other accessories, electronic core loggers, IT equipment, upgrading of servers, desktop publishers, etc.
- **Training & Capacity Building in African GeoSurveys:**
 - a. Regional Training is preferred in order to train more people and also share knowledge and experience with other Geoscientists.
 - b. If specifically needed, some selected countries can receive local training if requested.
 - c. African Experts or Local Experts and Institutions should as much as possible be involved in the training together with EU Experts.
 - d. Funding of training programmes locally should be co-funded.

e. The responsibility of the country selected should contribute in the form of venue and logistics support.

- **Retention of trained staff:**

This is a major issue. More often than not, trained staff after multilateral projects, find their way to other well-endowed companies and organizations as a result of lack of motivation and continuous funding of the projects.

The solution is that the EuroGeoSurveys through the European Union should assist in the following:

- a. Amend the laws establishing such African GeoSurveys in order to upgrade them to be able to perform.
- b. Assist in funding African GeoSurveys through grants and aids given to African Governments as budget support. It has been realized that if this is not done, the various African GeoSurveys may not be able to receive a portion of such monies since this may not feature as priority of the various Governments.