



7- Geomagnetism and Geoelectric Department

7-1 Geomagnetism Laboratory

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* Scientific Publication (National& International)

Ahmed Saleh and Mireille Perrin (2019): PALEOMAGNETISM OF EARLY PALEOZOIC AFRICAN DIKE SWARMS FROM THE SOUTH EASTERN DESERT AND THE PALEO-PROTEROZOIC DATASET FROM EGYPT- Pure and Applied Geophysics (Submitted).

* Reviews of Papers (National& International)

I have Reviewed the following paper in journal of Pure and Applied Geophysics

1-Subsurface structural features of the Basement Complex and unravel the basin architecture in the southwestern main Karoo Basin, Western Cape Province of South Africa, using Magnetic and Gravity data analysis. (PAAG-D-19-00139

2-Radiological Impact and Environmental Monitoring Of Gamma Radiations along the Public Beach Of Port Said, Egypt. (PAAG-D-19-00249)

* Conferences , Scientific Missions & Workshops

1- State of the arts of rock and paleomagnetic techniques., October 2019, Munich, Germany.

2- Geomatics Conference for Smart Cities and Sustainable Development in Arab Countries, March 2019, Cairo

* Projects

1- Detection of ancient Egyptian archaeological remains using modern integrated geophysical investigations and the application of 3D Laser scanner for Archaeological replica: Pyramid of Seneferu II area, Lahun, Fayum, Egypt (AST- Continuous-2019).

2- Exploration of Economic Minerals (Gold, Iron &, Copper) using Geophysical Techniques in South Eastern Desert, Egypt; Pilot areas: Eastern part of Aswan and Wadi Allaqi. (STDF- Continuous 2019)

* Consultancy

1- Geomagnetic Study to Explore THE SUBSURFACE faults for the New Aswan City, Aswan

2- Detailed magnetic survey on a study area in Kharga Oasis, Egypt

* Supervision of M.Sc. / Ph.D.

1- Mohamed Abd El Radei (Msc.thesis). Department of Geology, Faculty of Science, Assiut University. Title: Geophysical and Geological studies in the Baramiya Gold mine, Eastern desert, Egypt

2- Arwa Samir (Msc. thesis) Department of Geophysics, Faculty of Science, El Mansoura University Title: Evaluation of Ground water potentiality using Geophysical techniques: A case study from the Eastern desert, Egypt.

* Books

NA

* Other

1-Vice President of JSPS Alumni Association in Egypt (JSPSAAE) and sharing in all the activity.

2- Head of Geomagnetic Laboratory, NRIAG and responsible for all administrative work of the laboratory