



7- Geomagnetism and Geoelectric Department

7-1 Geomagnetism Laboratory

Name: ahmed bakr
Position: Professor
Email: ahmedbkhalil5@gmail.com
Phone: 0102644030



* Scientific Publication (National & International)

Awad Ahmed, Khashaba Ahmed, Adel Aal E., El-Shayeb H., Khalil Ahmed, El Hemaly Ibrahim, Mostafa Reem and Odah Hatem. Paleomagnetism of Bahariya Iron Ores and their Genetic Implications, North Western Desert, Egypt. NRIAG Journal of Astronomy and Geophysics, 2019.

* Reviews of Papers (National & International)

- 1- Reviewer for the paper of title "Spectral analysis and 2D modeling of high-resolution aeromagnetic data over Abuja and Environs, North-Central Nigeria. NRIAG Journal of Astronomy and Geophysics, 2019.
- 2- Reviewer for the paper of title "Detection and Removal of Noisy Land Magnetic Data Spikes". 2nd Conference of the Arabian Journal of Geosciences – 2nd Springer CAJG, 2019 .
- 3- Reviewer for the paper of title "Characterizing the subsurface structure using 3-D magnetotelluric inversion: A case study of Mrara basin, Algerian Sahara". 2nd Conference of the Arabian Journal of Geosciences – 2nd Springer CAJG, 2019 .
- 4- Reviewer for the paper of title "Contribution of Geophysical Surveys in the Study of a Viaduct Site in Tabellout, Jijel (Northeast Algeria)". 2nd Conference of the Arabian Journal of Geosciences – 2nd Springer CAJG, 2019.

* Conferences, Scientific Missions & Workshops

Scientific mission to Algerian Research Center in Astronomy, Astrophysics and Geophysics (CRAAG) from 10/1/2019 to 2/1/2019. مؤتمر الجيوفيزياء- كلية العلوم- جامعة الوادي الجديد 2019

* Projects

- 1-Determination of some ore mineral localities around El-Quaseir, Red sea-Egypt using modeling of the Geomagnetic and magnetotelluric induction anomaly sources.
- 2- Exploration o

* Consultancy

NA

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

- Integrated Potential Methods Interpretation for Delineating Subsurface Minerals at El Qussier-Safaga Road, Eastern Desert, Egypt. Candidate: Hend Ibrahim Abd- Maged Ali. Damanhur University .
- Geophysical studies for Hydrocarbon Reservoir Exploration at West Beni-Suef Area-Western Dessert-Egypt. Candidate: Waheed Hassan Mohamed, Faculty of Science, El Azhar University.

* Books

NA

* Other

تدريس مقرر المغناطيسية القديمة لطلاب الفرقة الثالثة و الرابعة كلية العلوم جامعه الاسكندرية عام ٢٠١٩-٢٠٢٠.
for the session entitled "Applications of data, methods and models in geosciences 2020" Co-Convener for EGU conference