



7- Geomagnetism and Geoelectric Department

7-2 Geoelectric and Geothermic Laboratory

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* Scientific Publication (National & International)

- 1-Mohamed AbdelZaher, Hakim Saibib, Khamis Mansour, Ahmed Khalil, Mamdouh Soliman (2018). Geothermal exploration using airborne gravity and magnetic data at Siwa Oasis, Western Desert, Egypt. *Renewable and Sustainable Energy Reviews*, Vol., 82, Part 3, February, Pages 3824-3832, 2018.
- 2- AME. Mohamed, I. EL-Hussain, A. Deif, S.A.S. Araffa, K. Mansour, G. AL-Rawas (2019). Integrated GPR, ERT and MASW for detecting near-surface caverns at Duqm area, Sultanate of Oman. *Near surface Geophysics*, Vol., 17, Part 4, August, Pages 379-401, 2019.
- 3- Abdel-Monem S. Mohamed, Magdy Atya, Nadia AbouAly, Karrar El Farragawy, Esraa E. Hegazy, Mohamed Saleh, Khamis Mansour and Asmaa A. El-Mahdi (2020). Mapping the Archaeological Relics of Catacombs at Northeast Saqqara Using GPR Data, Egypt. *NRIAG Journal of Astronomy and Geophysics*. (Under review).

* Reviews of Papers (National & International)

NRIAG Journal of Astronomy and Geophysics.
Exploration Geophysics journal.
Journal of Applied Geophysics.

* Conferences, Scientific Missions & Workshops

- 1- Scientific mission from 20, May 2018 to 15, October 2018 in the Saudi Geological Survey (SGS), Funded by SGS.
- 2- The Egyptian Geophysical Society (EGS) (2019) International Conference and the 34th Annual Meeting, Egypt.

* Projects

Geothermal resources of Farafra Oasis, Egypt.
Archeological prospection of Golden Mummies Valley in Baharia Oasis, Egypt.

* Consultancy

Yes

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

- 1- PhD thesis, Mss. Mona Abo Shady, Assistant researcher, NRIAG. Ain Shams University "Integrated Geophysical Study for Site Investigation at Kattamiya Area, Cairo-Suez Road, Egypt"
- 2- Ms.c thesis, Mss. Noha Ismail, Researcher assistant, NRIAG. Ain Shams University "Environmental Investigation at Saqqara area by using advanced Geophysical techniques and Remote Sensing Application"

* Books

NA

* Other

- 1- Teaching the course of archeological prospection in Alexandria University 2018.
- 2- Teaching the course of Ground Penetrating Radar in Alexandria University 2018.
- 3- Teaching the course of archeological prospection in Alexandria University 2019.