



8- Geodynamic Department

8-2 Gravity Laboratory

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* Scientific Publication (National& International)

Khaled. H. Zahran, Mohamed.G.Al-Ibiary, Maysa M.N Taha, Moataz.S.Ibrahim (2018): Continuous Gravity Observation at Lake Nasser Region. Egyptian Journal of Applied Geophysics (ISSN1687.1251) in the 17th volume 2018.

* Reviews of Papers (National& International)

NA

* Conferences , Scientific Missions & Workshops

- The Arab Conference on Astronomy and Geophysics 6th Assembly(15-17 October 2018),with Poster Presentation.
- The Scientific Committee (SC) of the 1st scientific Congress of Junior Geoscientists in Egypt (SCJGE-1) held at Sohag University, February 3-4, 2019 with Oral Presentation titled Earth tide observations and influences of variable load of Lake Nasser.
- The 4th. International Conference on New Horizons in Basic and Applied Science (ICNHBAS 2019) held at Hurghada, July 26-29, 2019 with Oral Presentation.
- Training workshop on Heritage sites, exploration and preservation (May 5-10, 2018), Misallat Observatory NRIAG, Fayoum.
- Training workshop on the computation of Geoid heights over Egypt from different satellite – and ground-based, 1-9 January, 2019 NRIAG, Egypt.

* Projects

- Detection of ancient Egyptian archaeological remains using modern integrated geophysical investigations and the application of 3D Laser scanner for Archaeological replica: Pyramid of Senusret II area, Lahun, Fayum, Egypt, funded by Scientific Research Academy(Member).
- Evaluation the stability of some petroleum tanks at El-Alameen area(Member).
- Monitoring of recent crustal movements at the northwest part of Aswan Lake Aswan, Egypt(Member).
- Evaluation of Nile Delta Sinking Hypothesis Using the Global Positioning System (GPS), Tide Gauge and Satellite Altimetry and Gravity Techniques (Member)
- Earth tide observations in Aswan and Abu-Simble tidal stations (member).

* Consultancy

A lot of consultancies related to Geodynamic department.

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

NA

* Books

NA

* Other

Certificate Master Degree in Geophysics, January 2019. Helwan University, Cairo (Egypt)

- Master- Thesis title: ‘Continuous Gravity Observations around Lake Nasser Area, Aswan, Egypt’.