



8- Geodynamic Department

8-1 Crustal Movements Laboratory

Name: Nadia Mohamed Hassan AbouAly
Position: Associate Professor
Email: dr.nadia_aboaly_2010@yahoo.com/
 n.aboualy@nriag.sci.eg
Phone: 01000241082



*** Scientific Publication (National& International)**

NA

*** Reviews of Papers (National& International)**

NA

*** Conferences , Scientific Missions & Workshops**

- 34th Annual Egyptian Geophysical Society International Conference
- 7 days scientific mission at GFZ, Potsdam, Germany - 21 days scientific mission at Texplor, Potsdam, Germany.
- Computation of Geoid Heights over Egypt from different Satellite and ground

*** Projects**

- 1-Evaluation of the vertical and horizontal stability of the High Dam region and its relation to the bed rocks, Aswan (Member)
- 2-Potential of 3d laser point cloud data usage for the tourism industry at Saqqara archaeological sites (Member)
- 3-Monitoring of recent crustal movements at the northwest part of Nasser Lake Aswan, Egypt (Member)
- 4-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 (Member)
- 5-Evaluation the stability of some petroleum tanks at El-Alameen area (Member)

*** Consultancy**

Performed and participated in many consultations

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

Ph.D Degree:- Esraa Emam Abdelsalam- Faculty of Science- Aswan University

*** Books**

NA

*** Other**

Papers under Publication:

- Evaluation of Precipitable Water Vapor Variation for East Mediterranean Using GNSS-Mapping of the Archaeological Relics of Catacombs at Northeast Saqqara Using GPR Data, Egypt
- Registration-Based Change Detection for SAR Images
- Geodynamic behavior of the Eastern Mediterranean Sea Region
- Mobile Laser Scanning for Cultural Heritage Documentation-Land deformation monitoring by GNSS in the Nile Delta and the measurements analysis Members:
- Member of the Board of Directors of NRIAG Research club members -Member of WIPO Committee
- Member of NRIAG Committee for selection of new Researcher's Assistants 2019
- Member of NRIAG conference 2019 Committee- Member of ACAG7 conference Committee
- Member of ASC2020 conference Committee
- Member of the Library Committee Helpful Person in:
- Help in collecting of NRIAG Year Book 2018
- Help in Preparing and writing Aswan Report for crustal deformations part.
- Learning Assistant Researchers and Research Assistants on how to process the GPS data and Plot the Results.
- Involvement in most tenders for buying the equipment required for the Lab. and the Department.
- Attendance the Lab. And Department meetings. - Help in all department issues