



## 8- Geodynamic Department

### 8-1 Crustal Movements Laboratory

👤 Name: Abdel-Monem Sayed Mohamed

👔 Position: Professor

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

NA

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

NA

#### \* Conferences , Scientific Missions & Workshops

34th Annual Egyptian Geophysical Society International Conference. 21days scientific mission at Texplor, Potsdam, Germany.

#### \* Projects

1-Evaluation of the vertical and horizontal stability of the High Dam region and its relation to the bed rocks, Aswan (PI)

2-Potential of 3d laser point cloud data usage for the tourism industry at Saqqara archaeological sites (PI)

3-Monitoring of recent crustal movements at the northwest part of Nasser Lake Aswan, Egypt (Member)

4-Conservation, Analysis and Virtual Reconstruction of Archaeological Site of Hawara Pyramid and Labyrinth (El Fayoum) (Member)

5-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, Fayoum, Egypt (Member)

6-Evaluation the stability of some petroleum tanks at El-Alameen area (Member)

#### \* Consultancy

1-Mobile laser scanning of Salah Edin Citadel, Cairo

2-Documentation for El-Kadi House using Trimble Terrestrial Laser Scanner

3-Geophysical Evaluation of the High Dam Emergency Flood area

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

Master Degree:-

1-Saleh Alaa Ebrahiem - Faculty of Science - Benha University

2-Mahmoud Etman - Faculty of Science - El-Azhar University Ph.D Degree:- Esraa Emam Abdelsalam- Faculty of Science- Aswan University

#### \* Books

NA

#### \* Other

- Involvement in most tenders for buying the equipment required for the Lab. and the Department.

- Attendance the Lab. And Department meetings.

- Field trips in different area (Aswan - Saqqara- Hawara)