



8- Geodynamic Department

8-1 Crustal Movements Laboratory

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* Scientific Publication (National& International)

1-Abdel-Monem S. Mohamed, Nadia AbouAly, Karrar El Farragawy, Esraa E. Hegazy and Abdel Hamid Elbashbeshy., 2019: Mobile Laser Scanning for Cultural Heritage Documentation. NRIAG Journal of Astronomy and Geophysics (Under review).

2-Abdel-Monem S. Mohamed, Nadia AbouAly, Esraa E. Hegazy, Matthias Becker and Mohamed Saleh., 2019: Geodynamic behavior of the Eastern Mediterranean Sea Region. NRIAG Journal of Astronomy and Geophysics (Under review).

3-Abdel-Monem S. Mohamed, Magdy Attya, Asmaa El Mahdi, Nadia AbouAly, Karrar El Farragawy and Esraa E. Hegazy., 2019: Archaeological Prospecting Using GPR at Southern Catacomb in Saqqara, Egypt. NRIAG Journal of Astronomy and Geophysics (Under review).

* Reviews of Papers (National& International)

NA

* Conferences , Scientific Missions & Workshops

Online Webinar on Field to finish in record time with the new Leica Cyclone 3DR Software, 21 October, 2019

* Projects

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

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

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

4-Evaluation the stability of some petroleum tanks at El-Alameen area.

* Consultancy

1-Mobile laser scanning of Salah Edin Citadel, Cairo

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

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

NA

* Books

NA

* Other

1-TRAINING course for laser scanning applications.

2-Member in the team responsible for geodesy data center observing, archiving and processing data of the Egyptian permanent GPS network (EPGN).

3-Member in Laser Scanning Unit.