



7- Geomagnetism and Geoelectric Department

7-2 Geoelectric and Geothermic Laboratory

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* Scientific Publication (National& International)

DETERMINATION OF SEISMIC SITE CLASS AND POTENTIAL GEOLOGICAL HAZARDS USING MULTI-CHANNEL ANALYSIS OF SURFACE WAVES (MASW) AT THE INDUSTRIAL CITY OF ICADII, ABU DHABI, UAE. JOURNAL OF APPLIED GEOPHYSICS

* Reviews of Papers (National& International)

Review several reports related to the field of geophysics and its application in the field of civil engineering in many national and regional legislations

* Conferences , Scientific Missions & Workshops

GEOMEAST 2019 INTERNATIONAL CONGRESS AND EXHIBITION, November 10~14, 2019

* Projects

1. General Technical Support Services for the New Administrative Capital.Egypt
2. Consultancy Services for Carrying Out Feasibility Study, Detailed. Engineering Design & Preparation of Tender Documents for Pemba Airport. Zanzibar, Tanzania
3. Proposal of geophysical investigation of Hawarah archeological area.
4. Geophysical proposal to search for gold ore in northern and eastern Sudan.
5. Geophysical proposal for detection the subsurface Geohazard layers, central park, New Administrative Capital. Egypt.
6. Consultancy Services for Technical Study and Design of Groundwater Control System at Misr Al Gidida / Al Zeytoun Old Metro Development Area.
7. Rehabilitation and Reinstatement of the Abu-Tartour - Qena - Safaga Railway Track.

* Consultancy

Consultant of geophysical investigation for civil engineering projects.

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

NA

* Books

NA

* Other

3D GPR INVESTIGATION TO IMAGE GEOHAZARD AT NEW-GIZA HEIGHT-EGYPT. NON-DESTRUCTIVE PILOT TESTING OF REINFORCED CONCRETE FOUNDATION USING GROUND PENETRATING RADAR TECHNIQUES, JABAL OMAR, KSA. Lecturer and expert in Using geophysical methods for prospecting with Grand Circle LLC Company Participation in development of the performance of the Institute's consulting center