



6- Seismology Department

6-2 General Seismology Laboratory

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* Scientific Publication (National & International)

1. Title: Towards an African Seismological Data Center Author(s): Mohamed Elgabry, Islam Hamama, Mahmoud Salam, Adel Sami, Asem Salama, Mustapha Meghraoui, Paulina Amponsah, Georges Mavonga Tuluka, Michelle Grobbelaar, Atalay Ayele, Mohamed Maklad

2. Title: Preliminary tsunami hazard map of Africa Author(s): Asem Salama, Mohamed Elgabry, Mustapha Meghraoui, Hesham Hussein Moussa This two papers will publish at 2nd Conference of the Arabian Journal of Geosciences (CAJG 2019), in the conference proceedings by Springer by 25 November 2019

* Reviews of Papers (National & International)

MANSOURA JOURNAL OF GEOLOGY (paper entitle «The Relation between Seismic Local Magnitude and Charge Weight for Quarry Explosions in Egypt»)

* Conferences, Scientific Missions & Workshops

1. Meteoroids in the Arab world at the national research center (17 March 2019)

2. The role of earthquakes in the cement manufacture explosive development at NRIAG (12 March 2019)

3. Geomorphology, geo archeology and geo-heritage modern research and advanced geotechniques workshop at Department of Geography and GIS, Faculty of Arts, Ain Shams University coorganized with CEREGE, Aix-Marsillie University, France. March 23-24, 2019.

4. The Euro-Mediterranean Disaster Prevention Program of the European Union meeting at Information and Decision Support Center IDSC at 10 October 2019

5. world tsunami day workshop at Alexandria university 5 November 2019

* Projects

participated at Cement project by supervising at the daily shift of national seismological network and monitoring the daily cement blasts

* Consultancy

complete the final report of Geotechnical studies at New capital city for final submit

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

supervision to Master entile «Geophysical and Geotechnical investigations at Ataqa industrial zone, Northern Gulf of Suez, Egypt»

* Books

NA

* Other

1. Teach "principle of seismology" at science faculty ELMonfia University

2. Supervising and monitoring earthquakes and cement blast at the national seismological network.

3. supervising and monitoring the large earthquakes at strong motion network.

4. scientific field work using seismic refraction technique and MASW for geotechnical study at Ataqa industrial zone (25 to 30 August 2019).

5. field work to study flood of the paleoriver at Giza cooperated with AinShams & Kafr El Sheikh AixMarseille Universities (May 2019) .

6. « Geoarchaeology and geomorphology of pharaonic harbors of the Red sea and Giza (Egypt) poster » presented at Labex OT-Med conference, Marseille Authors : Younes G., H. Sheisha, A. Salama, Z. Chen, M. Djamali, M.