



6- Seismology Department

6-1 Seismological Network Laboratory

Name: Khaled AbdEllah Mahmoud Omar
Position: Associate Professor
Email: khaled.yosif@yahoo.com
Phone: 01093821263



* Scientific Publication (National & International)

- 1- Study of the Relationship between Recently Induced Earthquakes and Water Level at the Northwestern Side of Lake Nasser in Aswan Region, Egypt Kh. A. Omar, E. M. El-Amin, S. A. Dahy, M. O. Ebraheem March 2019, Volume 53, Issue 2, pp 251–259, Geotectonics journal
- 2-Single and multi-channel passive source methods for calculating the shallow S-wave velocity structure and site effect parameters at 15 th May City, Egypt A.M.Abudeif, M.A.Mohammed, A.K.Abdel-aal, Kh.A.Omar, Journal of African Earth Sciences 159 (2019)
- 3- Seismic activity and energy release of earthquakes along the Gulf of Aqaba. Kh. A. Omar, E.M. El-Amin, S.A. Dahy, and M.O. Ebraheem “ November 2019, Volume 53, Issue 6, Geotectonics journal
- 4- Studying the evolution of earthquake network measures for the main shock of 24/06/2015 in Egypt, the 2 nd Conference of the Arabian Journal of Geosciences, the conference proceedings will be published online on 25 November 2019 at SpringerLink in the book series “Advances in Science, Technology and Innovation” (ASTI)

* Reviews of Papers (National & International)

- 1- Methods for evaluating liquefaction - a study from Algeria». Hocine Bendadouche, Samir Lillouch, Conference Paper of the 2 nd Conference of the Arabian Journal of Geosciences
- 2-Assessment of present day stress field in Syria using the published focal mechanisms, Mohamad Khir Abdul-wahed, Conference Paper of the 2 nd Conference of the Arabian Journal of Geosciences
- 3-A New Ground Motion Prediction Equation (GMPE) for Shallow Depth Interface Subduction Earthquakes for Northeastern India (NEI) and its Adjacent Region ,Ricky L. Chhangte, Dr. T. Rahman , Conference Paper of the 2 nd Conference of the Arabian Journal of Geosciences
- 4-Source and path characteristics of Chamoli region, India Neetu Goswami, S. C. Gupta, Ashwani Kumar, M.L. Sharma, Conference Paper of the 2 nd Conference of the Arabian Journal of Geosciences

* Conferences , Scientific Missions & Workshops

- 1- A stress release model in Egypt” by Khaled Omar and Ourania Mangira accepted for an oral presentation at IESCA-2019 to be held during 7-11 October 2019 at Dokuz Eylul University DESEM, Congress Centers, Alsancak – İzmir / Turkey.
- 2-I have paper that accepted for an oral presentation at The 2 nd Conference of the Arabian Journal of Geosciences that hold in Sousse , Tunisia from 25-28/11/2019 Studying the evolution of earthquake network measures for the main shock of 24/06/2015 in Egypt, Khaled Omar and Dmitris Chorozoglou
- 3 - NRIAG Annual conference from 22-26 -12/2019, Cairo, Egypt Scientific Missions 1- Scientific mission from 10/02/2019 to 25/02/2019, in Greece in Thessaloniki, Aristotle University, Geology School, Geophysics Department. Seismic attenuation in the unstable shelf of north Egypt Workshops 1- workshop for Scientific equipments , Kinematics company- on 21 July 2019.

* Projects

- 1- detecting joints and fractures at Wadi Hoof caves project
- 2- the detectability of ENSN stations (STDF funded)
- 3- El-Dabaa Project

* Consultancy

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