



# Aswan Seismological Center

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## \* Scientific Publication (National & International)

Hamada Saadalla, Abd el-aziz Khairy Abd El-aal, Abdelnasser Mohamed, K. El-Faragawy (2019): Determination of earthquake source parameters using the inversion of waveform data: A case of small earthquakes around High Dam Lake, Aswan region, Egypt, Journal of African Earth Sciences 151 (2019) 403–416. doi.org/10.1016/j.jafrearsci.2019.01.001.

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

1-For NRIAG journal of Astronomy and Geophysics, publisher: Taylor and Francis.  
2-Journal of African Earth Sciences, ISSN: 1464-343X, Publisher: Elsevier.

## \* Conferences, Scientific Missions & Workshops

1-14-25 January, 2019: Scientific mission to University of Munster, for seismic data analysis, Munster, Germany.  
2-12 March, 2019: NRIAG workshop for mining and cement industry, NRIAG, Helwan, Cairo, Egypt.  
3-18 June, 2019: Aswan Earthquake Research Center workshop for the development, Aswan, Egypt.  
4-26-29 July, 2019: The fourth International Conference on New Horizons in Basic and Applied Sciences (ICNHABS), Hurghada, Egypt.  
5-01-15 September, 2019: Scientific mission to attend the Workshop on Earthquake Disaster Prevention and Mitigation in the “Road & Belt” countries, Dalian, China.  
6-21st November, 2019: Workshop on the Applications of the integrated geophysical methods for engineering purposes, Aswan, Egypt.

## \* Projects

1-Monitoring of the seismic activity around the northern part of Lake Nasser for Aswan High Dam stability.  
2-Detection of the Egyptian National Seismological Network capability performance, and its contribution in evaluation of the Seismic Hazard in and around Egypt.  
3-Monitoring of the explosions (blasts) in mine activities and cement factory, South Egypt.

## \* Consultancy

Geophysical evaluation of the High Dam Spillway area.

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

1-Two PhD students (Aswan University and South Valley University).  
2-One M.sc student (Alazhar University-Assiut branch).

## \* Books

NA

## \* Other

1-Member of the European Geosciences Union (EGU).