

Prof. Abdelbaset Mohamed Abudeif CV



Personal Information

Name:	Abdelbaset Mohamed Abudeif Ibraheem
Position:	Professor of applied geophysics and Head of the Geology Department, Faculty of Science, Sohag University, Sohag, Egypt
Gender:	Male
Birthday:	25/11/1967
Nationality:	Egyptian
ID	26711252602714
Passport number and validity:	A21440984 from 9/11/2017 to 8/11/2024
place of birth	Sohag - Almaragha - Banaweet
Marital status:	Married and counting three boys and a girl
The position of conscription:	Attained the military service
Address:	33 Belal ben Rabah St., Nasr City, Sohag, Egypt
Cell Phone	+201145869283; +201016703173
E-mail:	a_abudeif@yahoo.com ; a.abudeif@science.sohag.edu.eg
Web page:	http://staffsites.sohag-univ.edu.eg/a.abudeif
Registration number:	11406

Qualifications

- **August 2015 , Professor in Geology (Applied Geophysics), Faculty of Science, Sohag University, Egypt.**
- **October 2009, Associated Professor in Geology (Applied Geophysics), Faculty of Science, Sohag University, Egypt**
- **April 2001 PhD in Geology (Seismic and Magnetic Geophysics), Co-supervision between Institute of Geophysics, Faculty of Physics, Karlsruhe University, Germany and Geology department, faculty of Science, Sohag, South Valley University, Egypt**
- **May 1996 Master of Geology (Geophysics of Gravity and Magnetism), Faculty of Science, Sohag, South Valley University.**
- **May 1990 B.Sc. in Geology with honor degree from the Faculty of Science, Sohag, Assiut University.**

Career

- **Demonstrator at Geology Department, Faculty of Science, Sohag, from September 1990 until May 1996**
- **Assistant Lecturer at Geology Department, Faculty of Science, Sohag, from June 1996 to March 2001.**

- **Lecturer at Geology Department, Faculty of Science, Sohag, from April 2001 to October 2009.**
- **Associated Professor, Geology Department, Faculty of Science, Sohag University, from October 2009 until August 2015.**
- **Professor of applied and environmental geophysics, Geology Department, Faculty of Science, Sohag University, from 30/9/2015 until now**

Training courses and experiences

- **June 1998 Course on Seismic Modeling from the Institute of Geophysics, Faculty of Physics, Karlsruhe University, Germany**
- **April 1999 Course on Seismic Data Processing from the Institute of Geophysics, Faculty of Physics, Karlsruhe University, Germany.**
- **He has got ICDL Certificate**
- **From June 2001 to August 2005 he is a member of computer teaching staff in the Youth Graduates Project of the Ministry of Communications, which is located at South Valley University in Sohag. He taught the following programs:
Introduction to the computer, Microsoft Windows, Advanced Microsoft Office, Visual Basic.net, Basic, Advanced Microsoft Access, HTML Language, and Photoshop.**
- **Participate in the establishment of a network of earthquakes in Sohag governorate and linked to the international seismic network.**
- **Exploring the archaeological areas of Sohag governorate through magnetic survey of some archaeological sites.**
- **Creating a database to show the results of the faculty of Science exams in Sohag on the Internet (2005)**
- **To obtain 9 courses in the development of faculty members.**
- **Access to many ICTP sessions (SPSS, Endnote, and FrontPage)**
- **Supervisor of the work of geophysical work to explore the groundwater in Sohag Governorate.**
- **Many Geophysical and Engineering Consultations in Sohag Governorate and vicinities**

Projects in which he participated

- **1992: Soil Analysis Project in Sohag Governorate.**
- **1999: Project of analysis and interpretation of active faults in the province of Karlsruhe, Germany, with the Institute of Geophysics in Germany.**
- **2004: Participation in the development project of the Faculty of Science, Sohag**
- **2005: Participation in the South Valley University Mechanization Project.**
- **September 2012: Deputy Director of Administrative Information Systems at Sohag University**
- **September 2015: Infrastructure Development Project, Faculty of Science, Sohag University**
- **July 2019: Evaluation of archaeological areas in the area of the Temple of Abydos in Albalina city, Sohag, Egypt**

- **January 2019: Environmental Impact Assessment Project for Sewage Stations in Sohag Governorate, Egypt.**

Missions, scientific grants and secondments

- March 1998 until September 2000: Co-supervision mission to the Institute of Geophysics, Faculty of Physics, University of Karlsruhe, Germany.
- September 2005 - August 2011: Working at the Departments of Petroleum and Civil Engineering, faculty of Engineering, Garyounis University, Benghazi, Libya. He taught the following courses for 12 consecutive semester using credit hours system:
 - General Geology – Structure Geology – Practical Geology- Petrology, Rock Mechanics, Engineering Geology- Seismic Survey - Geophysical Exploration - Practical Geophysics - Petroleum Geology - Applied Geophysics - Wells Logging - Reservoir Rock Properties - Fluid Flow In Porous Media - Reservoir Rock And Fluid Properties Lab - Computer Programming - Computer Applications In The Field Of Petroleum
- He also taught the following computer programs in faculty of teachers, science and economics in Libya:
 - Database, Operating System, Introduction to Computer, Computer programming, Basic and visual basic languages, and Applied Statistics
- Assignment to several governmental departments in Sohag governorate to teach training courses in computer science.

Courses taught at the Department of Geology, Faculty of Science, Sohag University, Egypt

General Geology - Hydrology - Mineralogy and petrology - Structural Geology - Engineering Geology - Rock Mechanics - Petroleum Geology - Applied Geophysics – Engineering Geophysics –Well Logging- Sedimentary petrology- Remote sensing- GIS

In addition to teaching applied statistics at the Faculty of Industrial Education, Sohag University

Experience in Field of Quality

- Member of Quality Assurance Center and Accreditation, Faculty of Engineering, Garyounis University, Libya, 2007-2011
- Executive Director of the project of courses updating for geology and petroleum sciences, Faculty of Engineering, Garyounis University, Libya, 2007-2011
- Member of the Board of the Project Management Unit, Garyounis University, Libya, 2007-2011
- Member of the Committee of Environmental and Geological Projects, Faculty of Engineering, Garyounis University, Libya, 2008-2012
- Certified Trainer at the Quality Assurance and Accreditation Center, Qaryounis University
- Deputy Director of Administrative Information Systems (MIS) at Sohag University from 2011-2015

- Coordinator of Geophysics Division, Faculty of Science, Sohag, Department of Geology (2013-2016)
- Member of the Board of Directors of the Quality Unit, Faculty of Science, Sohag University
- Member of the Strategic Planning Committee, Faculty of Science, Sohag University
- Participated as head of the Department of Geology to contribute to the Faculty of Science at Sohag University to renew the accreditation of the National Authority to ensure the quality of higher education.

Supervision of scientific theses:

Completed Theses

- 1- **Elhamy A. A. Tarabees (2004):** *The Contribution of Shallow Seismic Refraction Survey in Defining the Engineeringm, Characteristics of the Foundation Materials of Sohag El-Gedida City, Nile Valley. PhD Thesis, Faculty of Science, South Valley University.*
- 2- **Ahmed Mosa Mahmoud (2004):** *A geophysical study on the area lies between Wadi Abu Had and Wadi Abu Marwa on the southwestern part of Gulf of Suez. M.Sc Thesis, Faculty of Science, Sohag, Egypt. M.Sc. Thesis, Faculty of Science, South Valley University.*
- 3- **Adel Mohamed Taha (2008):** *Integrated seismic-gravity interpretation for delineating the subsurface structure of El-Sallum area , Northern Western Desert, Egypt. M.Sc. Thesis, Faculty of Science, South Valley University.*
- 4- **Ahmed Farag 2015:** *Engineering And Environmrntal Applications Of Geophysical Methods For Studying The Nuclear Power Plant Site, North Western Coast, Egypt" Ph.D. Thesis, Faculty of Science, Sohag University.* **Marwa Masoud 2017:** *Geophysical studies on the proposed site of New Akmim City, Sohag, Egypt" M.Sc. Thesis, Faculty of Science, Sohag University, Egypt.*
- 5- **Ahmed Aid Radwan 2017:** *study on the petrophysical evaluation, formation pressure and formation damage at central and southern parts of Gulf of Suez, Egypt. Ph.D. Thesis, Faculty of Science, Sohag University, Egypt.*
- 6- **Samar Ali Ghareeb:** *Selection and evaluation of suitable ground motion prediction equations (GMPE) in Northern Egypt. M.Sc. Thesis, Faculty of Science, Sohag University, Egypt.*

Theses that have been enrolled and have not yet been completed

- 1- **Marwa Masoud 2019:** *Petrophysical Assessment for the Jurassic Sequence in Gebel El-Maghara, North Sinai, Egypt." Ph.D. Thesis, Faculty of Science, Sohag University, Egypt.*
- 2- **Ahmed Abdelraouf:** *Integrated Reservoir Characterization Of Sequoia Gas Field, Offshore Nile Delta, Egypt" M.Sc. Thesis, Faculty of Science, Sohag University.*
- 3- **Saad El-Sayed Saad:** *Integrated geomagnetism, GIS and remote sensing for evaluation of Kolut Fahdi, Eastern Desert, Egypt" M.Sc. Thesis, Faculty of Science, Sohag University, Egypt.*
- 4- **Mahmoud Abdalla Ali:** *Detection of Subsurface structures as a clue for occurrence of Petroleum Traps using Potential Field Data, Wadi Araba Area, Gulf of Suez, Egypt. M.Sc. Thesis, Faculty of Science, Sohag University, Egypt.*

- 5- Ahmed Elsayed: Prospecting of the Subsurface Structures and Sequence Stratigraphic Analysis of Umbarka Area, Western Desert, Egypt. *M.Sc. Thesis, Faculty of Science, Sohag University, Egypt.*
- 6- **Safaa Mohamed** : Geophysical exploration of buried monuments and ground water occurrence in Abydose site, Albalyana, Sohag, Egypt. *M.Sc. Thesis, Faculty of Science, Assiut University, Egypt.*
- 7- **Hosameldeen Adel**: Detection of deep groundwater aquifer in Wadi Elnakhil area using deep seismic refraction technique. *M.Sc. Thesis, Faculty of Science, Sohag University, Egypt.*

Languages he is fluent in

- 1- Arabic language (Mother language)
- 2- English (reading, writing and speaking).
- 3- German (reading, writing and speaking).
- 4- Fundamentals of the French language.

Management Experiences

- September 2004 - August 2005: Member of the South Valley University Mechanization Project
- September 2005 - August 2008: Head of Petroleum Engineering Department, Faculty of Engineering (Oases), University of Garyounis, Libya
- From September 2008 to August 2011 Chairman of the Quality Committee, Faculty of Engineering Benghazi - University of Garyounis, Libya
- From September 2012, Deputy Director of MIS in Sohag University, Egypt
- From September 2012 until now Manager of Sohag University Club staff
- From October 2015 till August 2019 Head of Geology Department, Faculty of Science, Sohag University
- From August 2019 till now, Vice Dean for Faculty of Science for Community and Environmental Development, Sohag University
- From March 2018 till now Director of Community Services Marketing Center, Faculty of Science, Sohag University.
- From September 2016 until now: he is reviewer in the Committee of Geophysics and Astronomy for the promotion of professors and assistant professors
- From May 2015 until now: Sohag University SEG Student Chapter Advisor
- From January 2018 till now: Chairman of the Board of Directors of Cooperative Housing Association for faculty members and their assistants at Sohag University.

Reviewer in the following international Journals

- Journal of African Earth Sciences (AES)
- Annals of Nuclear Energy (ANUCENE)
- Journal of Applied Geophysics (APPGEO)
- Computers & Geosciences (CAGEO)
- Journal of Contaminant Hydrology (CONHYD)
- Composites Science and Technology (CSTE)
- Environmental Impact Assessment Review (EIR)
- Engineering Geology (ENGEO)
- Environmental Pollution (ENVPOL)

- Geomorphology (GEOMOR)
- Journal of the Association of Arab Universities for Basic and Applied Sciences (JAAUBAS)
- International Journal of Applied Earth Observation and Geoinformation (JAG)
- Marine and Petroleum Geology (JMPG)
- NRIAG Journal of Astronomy and Geophysics (NRIAG)
- Journal of Petroleum Science and Engineering (PETROL)
- Progress in Nuclear Energy (PNUCENE)
- Remote Sensing of Environment (RSE)
- Journal of Structural Geology (SG)
- Soil Dynamics and Earthquake Engineering (SOILDYN)
- Science of the Total Environment (STOTEN)
- Cretaceous Research (YCRES)
- Arabian Journal of Geoscience
- Environmental Earth Science Journal
- Survey of Geophysics

Editor or guest editor in the following International Journals

- Arabian Journal of Geosciences
- African Earth Sciences

The scientific Theses that he has reviewed

He has been reviewed 4 Ph.D. dissertations and 6 M.SC in the field of Geophysics, (engineering, environmental and theoretical geophysics)

Scientific projects that have been reviewed

He has been awarded 4 scientific projects under the Science and Technology Development Fund (STDF)

Scientific Consultancy Community Services

- Many scientific consultations in the field of engineering geophysics at Sohag University to take the scientific opinion on whether the site is suitable for construction or not from the perspective of geophysics and geology.
- Conducting several scientific research (ERT) to search for groundwater for civil society in Sohag governorate and neighboring governorates.
- Consulting work for Sohag governorate to select the most suitable road safety sites in the new cities
- Establishment of the Geophysical Exploration Society (SEG) student chapter and we have got the best chapter on the world on 2017
- Geological and geophysical consultations of quarries, factories and mines
- Member of the jury of professors and assistant professors in the field of geophysics and astronomy.
- Chairman of the Housing Association of faculty members at Sohag University
- Director of the Faculty Club of Sohag University
- Secretary General of the Family Association, Faculty of Science, Sohag University.

Experience in establishing colleges, departments and programs

- Establishment of Petroleum Engineering Department rules, Faculty of Engineering, Garyounis University, Libya, 2005
- Establishment of the faculty of Earth Sciences and Natural Resources rules, Sohag, and its adoption
- Establishing of Geophysics Division rules, Faculty of Science, Sohag University, 2013.

List of Publication and under publication articles

A) Published papers

1. **Abudeif, A. M.**, Mohammed M.A., Abd el-aal A. K. and Omar, A. K. (2019) Single and multi-channel passive source methods for calculating the shallow S-wave velocity structure and site effect parameters at 15th May City, Egypt. *Journal of African Earth Sciences*, Volume 159, November 2019, 103579. <https://doi.org/10.1016/j.jafrearsci.2019.103579>
2. Mohammed, M.A Sensoy, M.M. and **Abudeif, A.M** (2019). Derivation of empirical relationships between geotechnical parameters and resistivity using electrical resistivity tomography (ERT) and borehole data at Sohag University site, Upper Egypt *Journal of African Earth Sciences* Volume 158, October 2019, 103563 <https://doi.org/10.1016/j.jafrearsci.2019.103563>
3. **Abudeif, A.M.**, Fat-Helbary, R.E., Mohammed, M.A., Alkhashab, H.M., Masoud M.M. (2019) Geotechnical engineering evaluation of soil utilizing 2D Multichannel Analysis of Surface Waves (MASW) technique in New Akhmim city, Sohag, Upper Egypt. *Journal of African Earth Sciences*. Volume 157, September 2019, 103512 <https://doi.org/10.1016/j.jafrearsci.2019.05.020>
4. Radwan, A.E., **Abudeif, A.M.** , Attia, M.M. , Mohammed, M.A. (2019). Pore and fracture pressure modeling using direct and indirect methods in Badri Field, Gulf of Suez, Egypt. *Journal of African Earth Sciences*, 156, 133-143. <https://doi.org/10.1016/j.jafrearsci.2019.04.015>
5. Mohammed, M.A and **Abudeif, A.M.** (2019) Applications of electrical resistivity for construction in Al Kawamil, Sohag, Egypt: A case study. *Journal of environmental and engineering geophysics*. 24(2), 327–332. <https://doi.org/10.2113/JEEG24.2.327>
6. Radwan, A.E., **Abudeif, A.M.**, Attia, M.M., Mahmoud, M., (2019). Development of formation damage diagnosis workflow, application on Hammam Faraun reservoir: A case study, Gulf of Suez, Egypt, *Journal of African Earth Sciences*, 153, 42-53. doi: <https://doi.org/10.1016/j.jafrearsci.2019.02.012>
7. Radwan, A.E., **Abudeif, A.M.**, Attia, M., Mahmoud, M. (2019) Development of formation damage diagnosis workflow, application on hammam faraun reservoir: A case study, Gulf of Suez, Egypt. *Offshore Mediterranean Conference and Exhibition* 27-29 March, OMC 2019, Ravenna, Italy, , Ravenna, Italy, [Document ID:OMC-2019-1120](https://doi.org/10.1016/j.jafrearsci.2019.02.012)
8. **Abudeif, A.M.**, Fat-Helbary, R.E., Mohammed, M.A. El-Khashab, H.M. Masoud, M.M. (2019). Estimation of the Site Effect Using Microtremor Technique at New Akhmim City, Akhmim, Sohag, Egypt. *Russian Geology and Geophysic*, 60(2), 231–239 Doi:10.15372/RGG2019036,

9. Samar Ghareeb, Rami Ibrahim, Toshiakai Yokoi, Badawy A, **Abdelbaset M. Abudeif**, Mohsen Attia, and M. El-Hadidy, 2019. Selection and evaluation of suitable of Ground Motion Prediction Equations (GMPE) in northern Egypt. *First Scientific Congress of Junior Geoscientists in Egypt (SCJGE-1) 3-5 January, Geology Department, Faculty of Science, Sohag University, Egypt*
10. Safaa K. Abbas, Gamal Z. AbdelAal, **Abdelbaset Abudeif** and Mohammed Hassoup, 2019. High Resolution Magnetic Survey of the Area Surrounding the Osirion at Abydos Archaeological Site, Sohag, Egypt. *First Scientific Congress of Junior Geoscientists in Egypt (SCJGE-1) 3-5 January, Geology Department, Faculty of Science, Sohag University, Egypt*
11. **Abudeif, A. M.**, Attia, M. M., EAl-Khashab, H.M & Radwan, A.E, (2018). Hydrocarbon type detection using the synthetic logs: A case study, Baba member, Gulf of Suez, Egypt, *Journal of African Earth Sciences*, 144, 176-182.
 - a. <https://doi.org/10.1016/j.jafrearsci.2018.04.017>
12. **Abudeif, A.M.**, Attia, M.M., Badawy, A, El-Hadidy, M. and Ghareeb, S. A, 2018. Developing input model for selecting and evaluating GMPEs for north Egypt. *Egyptian Journal of Applied. Geophysics.*, Vol. (x), P xx,
13. **Abudeif, A.M.**, Fat-Helbary, R. E., El-khashab, H. M., Masoud, M. M. (2018). Engineering Applications of 2D Electrical Resistivity Tomography (TRT) For the proposed New Akhmim City, Sohag, Egypt. Accepted as oral in *12th International Geological Conference in Jeddah (Feb 4-8, 2018), organized by the Saudi Geological Survey and the Saudi Society for Geosciences.*
14. **Abudeif, A.M.**, Alkhashab, M.H, Saad. S.E (2018). Detection of basaltic intrusion using geomagnetic survey on Kolit Fahdi, Eastern Desert, Egypt). Accepted as oral in *12th International Geological Conference in Jeddah (Feb 4-8, 2018), organized by the Saudi Geological Survey and the Saudi Society for Geosciences.*
15. Mohammed MA, **Abudeif AM**, Omar KA ,Attia MM (2018) Estimation of site effect using microtremor technique at 15th May City, Helwan, Egypt *Arabian Journal of Geosciences* 11:16 doi:10.1007/s12517-017-3348-7
16. **Abudeif, A. M.**, Abdel Moneim, A. A. Farrag, A. F, (2017). GIS-based multi-criteria earthquake hazards evaluation using analytic hierarchy process for a nuclear power plant site, west Alexandria, Egypt. *Environmental Earth Sciences* 76:796, DOI: 10.1007/s12665
17. **Abudeif, A.M.**, Raef. A. Abdel Moneim A.A, and Farrag, A.F.(2017). Dynamic geotechnical properties evaluation of a candidate nuclear power plant site (NPP): P- and S-waves seismic refraction technique, North Western Coast, Egypt. *Soil Dynamics and Earthquake Engineering*, 99, 124-136. DOI: 10.1016/j.soildyn.2017.05.006
18. **Abudeif A.M.**, Gamal Z. AbdelAal G.Z. and Mohammed M.A (2017). Geophysical investigation of the possible source of groundwater level rise at Abydos (the Osirion) archeological site, Sohag, Egypt. Submission to 2017 *International Conference on Engineering Geophysics. Submission, Document ID: 17984946*
19. Abdelmoneam Raef, **Abdelbaset Abudief**, Sabreen Gad, Stacey Kulesza, 2016. Integration of Ultrasonic Vp and Vs into MASW inversion: Is it viable and beneficial? *29th Annual Symposium on the Application of Geophysics to Engineering and Environmental Problems (SAGEEP At: Denver, Colorado USA)*
20. Abdel Moneim AA, Farrag AF, **Abudeif AM**, Seleem EM (2016) Environmental Hydrogeological Conditions of a Nuclear Power Plant Site in Egypt. *Journal of Nuclear Energy Science & Power Generation Technology* 5:1. doi:10.4172/2325-9809.1000145
21. **Abudeif, A. M.**, Attia, M. M., & Radwan, A. E. (2016). Petrophysical and petrographic evaluation of Sidri Member of Belayim Formation, Badri field, Gulf of Suez, Egypt. *Journal of African Earth Sciences*, 115, 108-120. <https://doi.org/10.1016/j.jafrearsci.2015.11.028>
22. **Abudeif, A. M.**, Attia, M. M., & Radwan, A. E. (2016). New simulation technique to estimate the hydrocarbon type for the two untested members of Belayim Formation in the absence of pressure data, Badri Field, Gulf of Suez, Egypt. *Arabian Journal of Geosciences*, 9(3), 1-21. <https://doi.org/10.1007/s12517-015-2082-2>

23. **Abudeif, A. M.** (2015). Integrated electrical tomography and hydro-chemical analysis for environmental assessment of El-Dair waste disposal site, west of Sohag city, Egypt. *Environmental Earth Sciences*, 74(7), 5859-5874. <https://doi.org/10.1007/s12665-015-4610-5>
24. **Abudeif, A. M.** (2015). Seismotectonic analysis of Hamada oil pool, Libya, using Landsat and seismic data. *Arabian Journal of Geosciences*, 8(9), 6811-6834. <https://doi.org/10.1007/s12517-014-1700-8>
25. **Abudeif, A. M.**, Attia, M. M., Radwan, A. E. and Alkhashab H.M.A.(2015). New simulation technique to estimate the hydrocarbon type for the two untested members of Belayim Formation in the absence of pressure data, Badri Field, Gulf of Suez, Egypt, *International Conference on Natural Science and Environment (ICNSE) held in Zurich, Switzerland on 26th September 2015*, Paper Id: II-NSESZLD-27095-1589.
26. **Abudeif, A. M.**, Moneim, A. A., & Farrag, A. F. (2015). Multicriteria decision analysis based on analytic hierarchy process in GIS environment for siting nuclear power plant in Egypt. *Annals of nuclear energy*, 75, 682-692.
a. DOI: <http://dx.doi.org/10.1016/j.anucene.2014.09.024>
27. Attia, M. M., **Abudeif, A. M.**, & Radwan, A. E. (2015). Petrophysical analysis and hydrocarbon potentialities of the untested Middle Miocene Sidri and Baba sandstone of Belayim Formation, Badri field, Gulf of Suez, Egypt. *Journal of African Earth Sciences*, 109, 120-130. <https://doi.org/10.1016/j.jafrearsci.2015.05.020>
28. **Abudeif, A. M.**, Raef, A., Moneim, A. A., & Farrag, A. F. (2015). Microgravity and engineering approach for siting nuclear a nuclear power plant, North Western Coast, Egypt. *International Conference. of Pure & Appl. Sci., Luxor, 28-30 March, 2015*
29. **Abudeif, A. M.**, Attia, M. M., & Radwan, A. E., (2015). New systematic correlation method to estimate formation fluid type by using well logging crossplots of Belayim Formation, Badri field, Gulf of Suez, Egypt. *International Conference. of Pure & Appl. Sci., Luxor, 28-30 March, 2015*
30. **Abudeif, A.M.**, Abdel Moneim, A.A, and Farrag, A.F. (2015). Hydrogeological conditions of El Dabaa area, North Western Desert, Egypt. *Ann. of Geol. Surv.. Egypt.* (Accepted)
31. **Abudeif A.M.**, Attia M. (2014). Integrated seismic data with potential fields for Seismotectonic evaluation of great Cairo and its vicinities, Egypt. *Standard Scientific Research and Essays*, 2 (9), 451-463
32. Attia M. A and **Abudeif A.M.**, (2013). Seismicity and Energy Release Evaluation for Future Engineering Constructions at The Northern Part Of Egypt. *Annals Geol. Surv of Egypt*, 32, 297-304.
33. **Abudeif A. M.**, (2010). Geophysical investigation and geostatistical analysis for hydrocarbon detection and evaluation in Sarir Oil Field, Libya, *Journal of Balkan Geophysical Society*, (accepted).
34. **Abudeif, A. M.** and Ali E.A. (2008). Contribution of remote sensing and seismic data for interpretation of surface and subsurface structures of Hamada field, Libya. *J. Appl. Geophys.*, Vol. 7, No.(1), March.
35. **Abudeif, A. M.**, El-Khashab H, Mahmoud. F. A., and Mousa A. (2007). Potential field data processing and interpretation as a clue for the subsurface geologic structures manifestation of Wadi Abu Had and Wadi Abu Marwa area, Red Sea, Egypt. *J. Appl. Geophys.*, Vol. 6, No. 2, September, 349-369.
36. Tarabees, E., El-Khashab, H. Abu El-Ata, A., Marzouk, I., El-Shahat, A., **Abudeif, A. M.** and Shokry, M. (2005). A seismic microzonation using microtremor and seismic data, A case study, Sohag, Egypt. *Proceeding of the 4Th International Conference of Geology of Africa , Assiut, Egypt . November 15-16, (2005).*
37. **Abudeif, A. M.** (2005). Gravity And Magnetic Modeling In Relation To The Structural-Tectonic Implications Of Esh El-Mellaha Area, Red Sea, Egypt. *Journal of Applied Geophysics*, Vol. 4, pp 20 - 46 .
38. Abu El-Ata, A., El-Khashab, H. Tarabees, E., **Abudeif, A. M.**, Shokry, M., Abdel-Rahman, K. and El-shahat, A., (2005). Geotechnical Consideration for the foundation materials of a New Industrial Area, Sohag, Egypt. *Journal of Applied Geophysics*, Vol. 4, pp 1-11.

39. **Abudeif, A. M** and Attia, M. M. (2004). Detection Of The Shallow Subsurface Layers Using The Ray Synthetic Seismograms Along The Eastern Part Of The Nile Delta, Egypt. *Bull. Assuit* Vol. No. pp.
40. Attia, M. M. and **Abudeif, A. M.** (2004). 2D raytracing and Seismic Velocity structure modeling within a specific area of the Nile Delta, Egypt. *Journal of Balkan Geophysical Society*, Vol. 7, No.3 , p. 30-40.
41. **Abudeif, A. M** and Mahmoud, F. A., (2001). Subsurface structural setting as inferred from gravity and magnetic data in the area southwest of Sohag, Egypt. *2nd International Scientific Conference (Science & Development & Environmental) Cairo, 17-20 March*, pp. 593-627.
42. Mahmoud, F. A., E.A. Issawy, A.H. Radwan, **A. M. Abudeif**, G.S. Hassan, and K.H. Zahran, (2001). Delineating subsurface geologic structure for the area west of Sohag, Upper Egypt, using gravity and magnetic studies” *Bull. (NRIAG,)* pp 147-172.

B)Paper under review

1. A.E. Radwan, **A.M. Abudeif**, M.M. Attia, M. Mahmoud (2019). Reservoir Formation Damage; Reasons and Mitigation: A Case Study, Nubia 'C' Sandstones Gas Reservoir, Sidki field, Gulf of Suez, Egypt. *Journal of Natural Gas Science & Engineering* (under review)
2. A.E. Radwan, **A.M. Abudeif**, M.M. Attia, M. Mahmoud (2019) Reservoir Formation Damage; Reasons and Mitigation: A Case Study, Nubia 'C' Sandstones, Sidki field, Gulf of Suez, Egypt. *Journal of Petroleum Science and Engineering* (Under review)
3. Radwan, A. E., **Abudeif A.M.**, Attia, M.M. (2019) Geopressure Evaluation Using Integrated Basin Modelling, Well-Logging and Reservoir Data Analysis of an Egyptian Hydrocarbon Field. *Journal of African Earth Sciences*, (under review)
4. Radwan, A. E., **Abudeif A.M.**, Attia, M.M. (2019) Petrophysical fingerprint technique investigations using conventional and Synthetic logs: A case study in Badri Field, southern Gulf of Suez, Egypt. *Journal of African Earth Sciences*, (under review)
5. **A.M. Abudeif**, M.A. Mohammed, R. E. Fat-Helbary, H.M. El-Khashab, M. M. Masoud (2019) Integration of 2D geoelectrical resistivity imaging and boreholes as rapid tools for site characterization: A case study of New Akhmim city, Sohag, Egypt. *Journal of African Earth Sciences*, (under review)
6. M. A. Mohammed, **A.M. Abudeif** and A.K. Abd el-aal (2019) Engineering geotechnical evaluation of soil for foundation purposes using shallow seismic refraction and MASW in 15th Mayo, Egypt. *Journal of African Earth Sciences*, (under review)
7. **Abudeif, A. M**, Attia, M. M., Radwan, A. E. and Alkhashab H.M.A.(2018). Petrophysical study on the hydrocarbon type using the synthetic logs and crossplots in the untested Sidri zone, Badri field, Gulf of Suez, Egypt. *Arabian Journal of Science and Engineering* (Under review)
8. **Abudeif A.M**, Mohammed M.A and Sensoy M.M. (2018). Contribution of electric resistivity tomography (ERT) with geotechnical properties for site investigation: case study of New Sohag University site, Sohag, Egypt. *Russian Geology and Geophysics Journal* (Impress)
9. **Abudeif, A.M.**, Mohammed M. A. .(2018). 2D and 3D Electric resistivity tomography for solving engineering problem in stadium land area in Sohag university, Sohag, Egypt . *Soil Dynamics and Earthquake Engineering*, (Under publication)

10. **Abudeif A.M** and Attia M.A., (2018). Seismic Hazards Assessment For Engineering Characterization Of The Northern Part Of Egypt. *Journal of Geophysics and Engineering* impress (Article reference: JGE-100407) Under review
11. **Abudeif, A.M.**, Mohammed M. A. and Hassan M. .(2017). Study of the environmental impact of decomposition of dead bodies on groundwater and soil using geophysics and geochemistry: A case study of Joheina and Banawet Cemeteries, Sohag, Egypt. *Environmental earth Science* (Under review)

C) M. Sc. and Ph.D. Thesis

Abudeif, A. M., 1996: "Geophysical studies on an area lying to the south west of Sohag city, Arab republic of Egypt" *M. Sc. Thesis, Faculty of Science, Sohag, South Valley University*

Abudeif, A. M. 2001: "Geophysical (mainly Seismic) investigations with environmental assessment of Ras Qattara Area and vicinities, North Western Desertt, Egypt" *Ph.D. Thesis, Channel System between Faculty of Science, Sohag, South Valley University, and Geophysical Department, Karlsruhe University, Germany*