



CURRICULUM VITAE



Name: Dr. Awad Abdel-Khalek Ahmed Omran

Position: Professor of Geophysics, Geology Department, Faculty of Science, Assiut University.

Date of Birth: 1949

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Educational Career:

- 1- B.Sc. in Geology (Special Geology), Assiut University, 1971
- 2- M.Sc. in Geology (Applied Geophysics), Assiut University, 1977
- 3- Ph.D. in Geology (Applied Geophysics), Charles University. Prague, Czech Republic, 1985

Professional Career:

- 1- Demonstrator, Geology Dept., Faculty of Science, Assiut Univ., 1972-1977.
- 2- Assistant Lecturer, Geology Dept., Faculty of Science, Assiut Univ. 1977- 1985.
- 3- Lecturer, Geology Dept. Assiut Univ., Faculty of Science, 1986-1995.
- 4- Associate Professor, Geology Dept., Faculty of Science, Assiut Univ., 1995-2002.
- 5- Professor, Geology Dept., Faculty of Science, Assiut Univ., 2002 – till now.

Titles of Dissertation Works :

MSc : Omran, A. A. A., 1977, *Geophysical Studies on Wadi Araba and Ras Gharib Areas, Gulf of Suez, A. R. E.*, M.Sc. Thesis, Assiut Univ., Assiut, 129 p.

PhD : Omran, A. A. A. , 1985 , *Complex Interpretation of Geophysical Data in the Gulf of Suez Area, Egypt*, Ph.D. Thesis. Charles Univ., Prague, 150 p.

Professional, Scientific and Practical Experiences:

- 1-Teaching numerous courses for under-graduate, graduate and post-graduate students at the faculties of science and engineering.
- 2- Supervision of Dissertations.
- 3- Scientific referee for numerous dissertations in theoretical and applied geophysics.
- 4- Scientific reviewer of several manuscripts for national and international journals

- 5- *Participation in many International and local professional conferences and workshops.*
- 6- *Conducting several projects for evaluating water resources and flash flood analysis to protect existing and planned urban communities as well as application of GIS in engineering and environmental geophysics.*
- 7- *Doing and participation in the implementation of more than 25 research projects and applied studies of the use of geophysical methods in the fields of geology, petroleum, engineering and hydrogeology.*

Teaching Experience :

1. Well Logging methods.
2. Petrophysics.
3. Geophysical Prospecting and Exploration methods.
4. General Geophysics.
5. Gravity method and Shape of the Earth.
6. Magnetic method and Earth's Magnetic field.
7. Potential field exploration methods.
8. Computer application in Geophysics.
9. Engineering Geophysics.
10. Electrical methods.
11. Seismic methods.
12. Subsurface Geology.
13. Well Drilling and Completion
14. Core Analysis.

***For under-graduate, graduate and post-graduate levels.**

Dissertations Supervision:

12 M.Sc. and 12 Ph.D. Theses.

Publications:

More than 59 Scientific Papers in International Periodicals and Journals (*See the attached List*).

Training:

- 1- Post-graduate Advanced Training Courses on "Computer-Aided Exploration Geophysics" From National Research Center, Cairo, 1974-1975.
- 2- Post-graduate Advanced Training Course on principles of general and special teaching, Faculty of Education, Assiut University.
- 3- Advanced Training Course on Exploration Methods (UNISCO) , Czech Republic.
- 4- Advanced and Training Workshop on gravimetry (UNISCO) , Cairo, Egypt.
- 5- International Workshop on Seismic Hazard in North Africa, organized by El Mansoura University, Egypt.
- 6 Advanced training workshops on GIS and their different applications organized by Assiut University in 1995, 1997, 1999, 2002, 2004, 2006 & 2007
- 7- International Advanced Workshops on Subsurface geology of the Nile Delta - Petroleum System Modeling, on 2006 & 2008 organized by El Mansoura University, Egypt .
- 8- Advanced Training Course on E-Learning by Assiut University.

International and Local Conferences:

- 1- 1st – 8th International Conferences on the Geology of Africa, Assiut University, 1999 - 2015 (Organization & participation).
- 2- 1st – 8th International Conferences on Geophysics, Tanta University, 1999 - 2015 (participation).
- 3- Annual meetings of the Egyptian Geophysical Society (EGS), Cairo, Egypt, (Participation).
- 5- International Conferences of the Egyptian Society of Applied Petrophysics (ESAP), Cairo, (Participation).
- 6- International 9th, 10th and 11th Conferences of the Saudi Society for Geosciences, KSA.
7. International Arab Conferences on Astronomy and Geophysics (ACAG-1,2,3&4), National Research Institute of Astronomy and Geophysics (NRIAG), Helwan, Egypt.
8. 7th Gulf Seismic Forum " Seismology and Earthquake Engineering in the Arabian Gulf Region", January 22-25, 2012, Saudi Geological Survey, Jeddah, Saudi Arabia.
9. 3rd Int. Conf. on Water Resources and Arid Environments and the 1st Arab Water Forum, 16-19 Nov. 2008, Riyadh, Saudi Arabia.
7. Many local and international conferences in the fields of geosciences and environment.

Computer Experience:

- 1- Programming in BASIC, FORTRAN and MATLAB Languages.
- 2- Geographic information systems ARCINFO, MapInfo, ARCGIS.
- 3- Microsoft word, Excel, Power point, Coral Draw, Surfer, Grapher, SPSS.
- 4- The most advanced packages in Geophysical methods (e.g. SIR, SeisView, R2DINV32 , IPI2Win, Interpex, E-Log, Geosoft, RockWorks ...etc).
- 6- DOS, Win 95, 98, 2000, 2007, 2010, XP and UNIX operating systems (PC's & SUN workstations) .

Membership of Professional and Scientific Societies:

- Geology Department Board since 1987.
- Faculty of Science Board from 2010 to 2011.
- Cultural Relations Committee, Faculty of Science from 2004 to 2006.
- Community development and service environment Committee at the Faculty of Science 2010-2011.
- Scientific Professions Syndicate since 1972.
- Egyptian Geological Society (EGS) since 1979.
- Egyptian Geophysical Society (ESG) since 1986.
- Egyptian Association petrophysics (ESAP) since 2001.
- Society of Exploration Geophysics (SEG), Oklahoma since 1975.
- Egyptian Society of Sedimentology Association since 1996.

Awarded Scientific Prizes for Best Researches in:

- Geophysics from the 37th Annual Conference of the Egyptian Geological Society in Cairo, 6-7 November 1999.
- Geological Sciences from the first Conference of Young Researchers at the Faculty of Science, Assiut University, 10-11 May, 2007.
- Geological Sciences from the Faculty of Science, University of Assiut in 2004 and in 2010.

List of Published Materials

1. El-Gamili, M. M., Riad, S. and Omran, A. A., 1978, *Geological significance of gravity and magnetic anomalies in Wadi Araba area, Gulf of Suez, A. R. E.*, Bull. Fac. Science, Assiut Univ., v.7 (2), p. 239-263.
2. El-Gamili, M. M. and Omran, A. A., 1978, *Comparison between second vertical derivative of gravity in 2-D and 3-D calculated for Wadi Araba and Ras Gharib areas, Gulf of Suez, A. R. E.*, Bull. Fac. Science, K. A. U., Jedah, v. 2, p. 229-236.
3. El-Gamili, M. M., Riad, S. and Omran, A. A., 1978, *Analysis of gravity anomaly trends in Wadi Araba and their structural significance, Gulf of Suez, A. R. E.*, Bull. Fac. Science, K. A. U., Jedah, v. 2, p. 221-228.
4. Omran, A. A. and Mareš, S., 1983, *Computer well log evaluation from the well GS-9, Gulf of Suez, Egypt*, Sborník geol. Věd, UG, Prague, v. 21, p. 19-38.
5. Omran, A. A. (1994): *Geothermal and well logging studies on hydrocarbon maturity level and source rock identification at Ayun Musa offshore area, North Gulf of Suez, Egypt*. Bull. Fac. Sci., Assiut Univ., 23(1-F), p. 121-141.
6. Omran, A. A. (1995): *Geological interpretation of gravity data in southeast Beni Suef area, Egypt*. Bull. Fac. Sci., Assiut Univ., 24(2-F), p. 21 - 39.
7. Omran, A. A. (1995): *Computer formation evaluation using well logging data in Shukeir area, Gulf of Suez, Egypt*. Bull. Fac. Sci., Assiut Univ., 24(2-F), p. 41 – 66.
8. Omran, A. A. and Riad, S. (1994): *A contribution to the methods of downward continuation of the gravitational field*. Bull. Fac. Sci., Assiut Univ., 23(1-F), p. 33 – 51.
9. Omran, A. A., Riad, S. and Khalil, M. F. (1994): *Groundwater exploration in the area between Wadi El-Assiuti and Wadi El-Ibrahimi, Assiut, Egypt*. Bull. Fac. Sci., Assiut Univ., 23(1-F), p. 53 – 79.
10. Omran, A. A., Philobos, E. R., Riad, S. and Othman, A. B. (1995): *Subsurface structures and their surface reflection in Wadi Qena and the surrounding area*. Egypt. J. Geol., 39(1), p. 313 – 338.
11. Omran, A. A., Riad, S., Philobos, E. R. and Othman, A. B. (1995): *Sedimentary basins and crustal thickness in Wadi Qena and the surrounding area as interpreted from Bouguer anomalies*. Egypt. J. Geol., 39(1), p. 377 – 398.
12. Ibrahim, H. A., Omran, A. A. and Selim, S. A. (1992): *Goelectrical study on the area west of Aswan town, Egypt*. Qatar Univ. Sci. J., 12, p. 161 – 165.
13. Ibrahim, H. A., Omran, A. A. and Keheila, E. (1992): *Geophysical and subsurface geological investigations of the Pre-Upper Cretaceous rocks, Western Desert, Egypt*. Bull. Fac. Sci., Assiut Univ., 21(2-F), p. 23 – 48.
14. Ibrahim, H. A., Fahim, S. M. and Omran, A. A. (1991): *Goelectric studies on Nazlet El' Kadi area, west of Tahta town, Sohag, Egypt*. Bull. Fac. Sci., Assiut Univ., 20(1-F), p. 17 – 29.
15. Bakheit, A. A., Ibrahim, H. A., Omran, A. A., Riad, S. and Senosy, M. A. (1993): *Application of the resistivity method to study groundwater potentialities on a part of the entrance of Wadi El-Assiuti, Eastern Desert, Egypt*. Qatar Univ. Sci. J., 13(2), p. 341 – 347.
16. Ibrahim, H. A., Bakheit, A. A., Omran, A. A., Riad, S., El-Hussaini, A. and Soliman, M. A. (1994): *Resistivity measurements for groundwater exploration in the eastern part of Kom Ombo plain, Eastern Desert, Egypt*. Bull. Fac. Sci., Assiut Univ., 23(1-F), p. 247 – 269.
17. El-Hussaini, A. H., El-Younsy, A. R., Ibrahim, H. A., Bakheit, A. A., Omran, A. A., and Abdel-Aaty, A. H. (1993): *Geological and surface goelectrical investigations in an area southwest of Qena, Western Desert, Egypt*. J. College Sci., King Saud Univ., 6(2), 14p.
18. Omran, A. A., Riad, S. and Othman, A. B. (1998): *Fitting polynomial to the Bouguer gravitational anomalies and their use in studying the earth's crust in the northern part of the Nile Valley, Egypt*.

- Proc. of the 1st Int. Symp. on Geophysics, Geol. Dept., Tanta Univ., Sept. 8-9, 1998, Tanta, Egypt, pp. 284-300.
19. **Omran, A. A.** (1999): *Deep thermal trends and hydrocarbon maturity level determination using bottom hole temperature measurements in the Nile Delta*. Proc. of the 1st Int. Conf. on The Geology of Africa, Assiut Univ., Nov. 23-25, 1999, Assiut, v. 2, pp. 357-384.
 20. Philobos, E. R., Riad, S., **Omran, A. A.** and Othman, A. B. (2000): *Stages of fracture development controlling the evolution of the Nile Valley in Egypt*. Egypt. J. Geol., v. 44, No. 2, pp. 503-532.
 21. **Omran, A. A.** (2000): *Geotechnical characteristics of foundation beds as deduced from geophysical measurements in an area between Wadi El-Machazin and Wadi El-Assiuti, Eastern Desert, Egypt*. Proc. 12th Symp. on Phanerozoic and Development in Egypt, 29th May 2000, Al-Azhar Univ, Cairo , pp. 164-189 .
 22. **Omran, A. A.** (2000): *Well log analysis and hydrocarbon potentialities of the Nukhul Formation in the northern part of the Gulf of Suez, Egypt* . Presented in the 5th Int. Symp. on the Geology of Arab States, Geol. Dept., Cairo Univ., Feb. 21-24, 2000 Cairo, Egypt and published in Bull. Fac. Sci. Assiut Univ., v. 31 (1-F), pp. 1- 32 (2001).
 23. **Omran, A. A.**, Riad, S., Philobos, E. R. and Othman, A. B. (2001): *Subsurface structures and sedimentary basins in the Nile Valley area as interpreted from gravity data*. Egypt. J. Geol., v. 45, No. 1, pp. 48-75.
 24. **Omran, A. A.** (2001) : *Log-derived source rock evaluation of the Oligocene-Pliocene sequences in some wells, northeast Nile Delta, Egypt*. Bull. Fac. Sci. Assiut Univ., v. 30 (1-F), pp. 147 - 171.
 25. **Omran, A. A.** (2001) : *Geological interpretation of aeromagnetic data of Bir El- Sid area, Eastern Desert, Egypt*. Proc. of the 2nd Int. Symp. on Geophysics, Geol. Dept., Tanta Univ., Feb. 19-20, 2001, Tanta, Egypt, pp. 151-164.
 26. **Omran, A. A.** (2000) : *Geoelectrical exploration for groundwater in Wadi El Hogirat, Northeast Qus Town, Qena Governorate, Egypt*. Proc. 14th Symp. Quaternary and Development in Egypt, Mansoura Univ., Sept. 30, 2000, Mansoura, Egypt, 24p.
 27. **Omran, A.A.**, Senosy, M. M. and Soliman, M. A. (2001) : *Geological and geophysical investigation of north El-Ahiaa new settlement site, Hurghada, Red Sea, Egypt*. Proc. 7th Int. Conf. on Mining, Petroleum and Metallurgical Engineering (MPM), Feb. 10-12, 2001, Assiut, Egypt, pp. 54-71.
 28. **Omran, A. A.** and El-Khadragy, A. A. (2001): *Basin evaluation using constrained gravity inversion at Maradah area, Libya*, Proc. of the 2nd Int. Conf. on The Geology of Africa, Assiut Univ., Oct, 2001, Assiut, v. 1B, pp. 699-714.
 29. **Omran, A. A.** (2004): *A comparative study for the water saturation calculation models applied to Hammam Faraun sandstone, Ras Shukheir, Gulf of Suez, Egypt*, Proc. Of the 3rd International Symposium in Scientific Research and Technical Development, KACST, 11-15 April, 2004, Riyadh, 19p.
 30. Korany, E. A., Omran, A.A. and Abdel-Rahman, A. (2005): *Assessment of groundwater resources and their role in reclamation of desert fringes in Souhag Governorate*, Proc. of the 1st Int. Conf. on geo-resources in the Middle East and North Africa, 26th Feb-1st March 2005, Cairo University.
 31. **Omran, A.A.**, Korany, E. A., and Abdel-Rahman, A. A. (2005): *GIS application in groundwater potentiality, land use and flood hazard assessment in Sohag area, Egypt*, 3rd Conference on Documentation and Electronic Archiving (Managing & Investing Knowledge to Support the Process of Decision-Making) , 17-19 September 2005, Dubai, UAE.
 32. **Omran, A.A.**, Korany, E. A., and Abdel-Rahman, A. A. (2006): *An integrated approach to evaluate groundwater potentiality – A case study*, Proc. of the 3rd Int. Conf. of Applied Geophysics, ESAP, 18-20 March 2006, National Research Center, Cairo, Journal of Applied Geophysics , Vol. 5, Part 1.
 33. Korany, E. A., **Omran, A.A.**, and Abdel-Aal, A. A. (2006): *Hydrogeochemical approach for the assessment of the recharge routes of groundwater in the Quaternary aquifer, Nile Valley of Sohag area, Egypt*, Proc. of the 7th Int. Conf. on Geochemistry, Alexandria, September 2006.

34. Abdel-Rasoul, E. I. and Omran, A. A. (2007): *Estimation of stress and strain levels induced by blasting vibrations using measured particle and propagation velocities at Bani Khalid quarry*, Journal of Engineering Sciences, Faculty of Engineering, Assiut University, Assiut, Egypt, Vol. 35, No. 4, July 2007, pp. 1009-1021.
35. Omran, A. A. and Al Areeq, N. M. (2007): *Reservoir characteristics and oil potentiality of the Upper Qishn Clastic Member, Masila Basin, Yemen*, 2nd Int. Conf. on Geol of Tethys, 19-22 March, 2007, Cairo University, Cairo.
36. Omran, A. A. and Abdel-Rasoul, E. I. (2008): *Evaluation of stress and strain levels induced by blasting vibrations using propagation and particle velocities – A case study*, 3rd Int. Conf. on Geol of Tethys, 8-11 January, 2008, South Valley University - Aswan.
37. Mahmoud G. Ibrahim, Salah M. Mahmoud, Ali A. Tealeb, Khaled H. Zahran and Awad A. Omran (2008) : *Interpretation of gravity and GPS observations along Aswan Regional Geodetic Network*, The 1st Arab Conference on Astronomy and Geophysics (ACAG-1), October 20-22, 2008, National Research Institute of Astronomy and Geophysics (NRIAG), Helwan, Egypt.
38. Ali M. Radwan, Salah M. Mahmoud, Hassan A. Khalil1, Awad A. Omran, Mostafa M. Youssef, Abdel-Monem S. Mohamed, and Ali Rayan (2008) : *Preliminary Geodynamic Studies of Egypt using the Global Positioning System (GPS) and Seismic Data*, The 1st Arab Conference on Astronomy and Geophysics (ACAG-1), October 20-22, 2008, National Research Institute of Astronomy and Geophysics (NRIAG), Helwan, Egypt.
39. Omran, A. A. (2008): *Integration of remote sensing, geophysics and GIS to evaluate groundwater potentiality – A case study in Sohag region, Egypt*, Proceeding of 3rd Int. Conf. on Water Resources and Arid Environments and the 1st Arab Water Forum, 16-19 Nov. 2008, Riyadh, Saudi Arabia.
40. Awad A. Omran, Nabil M. Alareeq, Ahmed S. Abu El Ata and Abu Bakr F. Maky (2010): *Source rocks evaluation of the Upper Jurassic sediments in Masila Block, Sayun-Masila Basin, Yemen*. Proceeding of the 12th EPC- ETAP, 11-16 October, 2010, Tunis.
41. Omran, Awad A. and Sawires, Rashad (2011): *Log-derived Petrophysical Characteristics of the Nubian Sandstone Aquifer in El-Bahariya Oasis, Egypt*. 6th International Conference of Geophysics, 28th February 2011, Cairo, Egypt.
42. M. Rashwan, M. Becker, A.Omran, M. Yousef, S. Mahmoud, H. Khalil and Abdel-Monem S. M. (2011): *GPS-Derived Crustal Movement along the Nile Valley Area*. Proceeding of the 3rd Scientific Conference for Young Researchers for Basic Science & Technology, organized by the Faculty of Science, Assiut University, Egypt. 19-20 April 2011.
43. Awad A. Omran, Ali M. Werwer and Rashad Sawires (2011): *Potentiality and Suitability of Groundwater in The Northern Part of El-Baharyia Oasis, Western Desert, Egypt*. Proceeding of the 3rd Scientific Conference for Young Researchers for Basic Science & Technology, organized by the Faculty of Science, Assiut University, Egypt. 19-20 April 2011.
44. Omran, Awad A. and Alareeq, Nabil M. (2011): *Log-derived petrophysical characteristics and oil potentiality of the Upper Qishn Clastic Member, Masila Basin, Yemen*. Proceeding of 9th Meeting of the Saudi Society for Geosciences, 26-28 April. 2011, Riyadh, Saudi Arabia.
45. Mostafa S. Toni, Vladimir Sokolov, Elsayed A. Fergany, Awad A. Omran, Abuo El-Ela A. Mohamed, Friedemann Wenzel (2012): *Modeling of strong ground motion during the 1992 cairo earthquake in the urban area south of Cairo, Egypt*. Proceeding of 7th Gulf Seismic Forum " Seismology and Earthquake Engineering in the Arabian Gulf Region", January 22-25, 2012, Saudi Geological Survey, Jeddah, Saudi Arabia.
46. Awad A. OMRAN, Karrar O. EL FARAGAWY, Ibrahim DJAMALUDDIN and Ahmed M. MENEISY (2012): *GIS based spatial-temporal seismic hazard assessment for Beni Suef area, Egypt*. Proceeding of 7th Gulf Seismic Forum " Seismology and Earthquake Engineering in the Arabian Gulf Region", January 22-25, 2012, Saudi Geological Survey, Jeddah, Saudi Arabia.
47. Awad A. Omran, Elsayed A. Fergany, Abuo El-Ela A. Mohamed, Friedemann Wenzel, and Mostafa S. Toni (2012): *Site effect evaluation using ambient vibration measurements in the urban area of*

- Cairo, Egypt. Proceeding of 7th Gulf Seismic Forum " Seismology and Earthquake Engineering in the Arabian Gulf Region", January 22-25, 2012, Saudi Geological Survey, Jeddah, Saudi Arabia.
48. M.Rashwan, S.Mahmoud, H.Khalil, M.Yousef, A.Omran, M.Becker, Abdel-Monem S.M, and A. Radwan (2012): *GPS-Derived Crustal Movement along the Nile Valley Area*. Proceeding of 27th Annual Meeting of EGS, 19 March, 2012, Maadi Sofitel Hotel, Cairo, Egypt.
 49. Shobak, R. , Sefelnasr, A. Omran, A. , and Keheila, E. (2012): *FlashFlood Analysis and Risk Assessment of Wadi El-Ibrahimi using GIS, Eastern of Assiut City, Egypt*. Proceeding of the second JE-HydeonNet symposium on the Nile River System and the Nile Delta of Egypt, March 20-21, German University in Cairo.
 50. Awad A. Omran, Elsayed A. Fergany, Abuo El-Ela A. Mohamed, Friedemann Wenzel, and Mostafa S. Toni (2012): *Site Response Evaluation Using Ambient Vibration Measurements in the Urban Area of Cairo, Egypt*. Proceedings of the 7th International Symposium on Geophysics, Tanta University, Egypt, 23-24 April, 2012.
 51. Hamdan, Ali M., Omran, Awad A.A. and Sawires, Rashad F. (2012): *Evaluation of hydrogeochemical parameters of the groundwater in el-bahariya oasis, western desert, Egypt*. Assiut Univ. J. of Geology, 41(1), 1-22 .
 52. Mostafa S. Toni, Abuo El-Ela A. Mohamed, Awad A. Omran, Elsayed A. Fergany, Friedemann Wenzel (2012): *Geotechnical characteristics for preliminary seismic design in the southern part of Cairo City, Egypt*. Proceedings of the 3rd Arab Conference on Astronomy and Geophysics (ACAG-3), October 8-11, 2012, National Research Institute of Astronomy and Geophysics (NRIAG), Helwan, Egypt.
 53. Omran, Awad A. and Alareeq, Nabil M. (2013): *Log-derived petrophysical characteristics and oil potentiality of the Upper Qishn Clastic Member, Masila Basin, Yemen*. Arab J Geosci, Springer. DOI 10.1007/s12517-013-0871-z.
 54. El FaragawY, Karrar O., Meneisy, Ahmed M., Toni, Mostafa S. and Omran Awad A. (2013): *Assessment of local site effect using horizontal to vertical (h/v) spectral ratio technique in beni suef area, Egypt*. Second Symposium on the Geological Resources in the Tethys Realm, 5-8 January, 2013, Aswan, Egypt.
 55. Awad A. Omran, Ahmed M. Seifelnasr, Hassan A. Abdel-Hak and Waleed S. S. El Tahawy (2013): *Integrated Formation Evaluation of Quaternary Aquifer in Assiut Governorate, Nile Valley, Egypt, based on vertical resistivity soundings and well logging analysis*. Proceeding of 10th Meeting of the Saudi Society for Geosciences, "Geosciences for Sustainable Development" 15-17 April, 2013, KFUPM Campus, Dhahran, Saudi Arabia.
 56. Awad A. Omran , Mostafa S. Toni , Abuo El-Ela A. Mohamed , Elsayed A. Fergany , Friedemann Wenzel (2013): *Geotechnical characteristics for preliminary seismic design in the southern part of Cairo city, Egypt*. Proceeding of 10th Meeting of the Saudi Society for Geosciences, "Geosciences for Sustainable Development" 15-17 April, 2013, KFUPM Campus, Dhahran, Saudi Arabia.
 57. Nabil M. A. Alareeq and Awad A. Omran (2013): *Reservoir characteristics and hydrocarbon potentiality of the Lower Qishn Clastic Member, Masila Basin, Yemen*. Proceeding of 10th Meeting of the Saudi Society for Geosciences, "Geosciences for Sustainable Development" 15-17 April, 2013, KFUPM Campus, Dhahran, Saudi Arabia.
 58. Awad A. Omran (2013): *Characterizing groundwater resources using GIS – A Case Study in Upper Egypt*. Proceeding of 10th Meeting of the Saudi Society for Geosciences, "Geosciences for Sustainable Development" 15-17 April, 2013, KFUPM Campus, Dhahran, Saudi Arabia.
 59. Awad A. Omran and Nabil M. Alareeq (2015): *Joint geophysical and geochemical evaluation of source rocks. A case study in Sayun-Masila basin, Yemen*. Proceeding of 11th Meeting of the Saudi Society for Geosciences, 12-14 May, 2015, KSU Campus, Riyadh, Saudi Arabia.