

(4) Geology Department

- A. A. Hegab, New Record of Rhynchonellida (Brachiopoda) from the Middle Jurassic Rocks at Khashm El Galala of the Gulf of Suez, Egypt, Fith International conference on the Geology of the Tethys Realm, South Valley University, January (2010).
- I. Maher El-Soughier, S. Magdy Mahmoud and Jianguo Li, Palynology and palynofacies of the Lower Cretaceous succession of the Matruh2-1X Borehole, northwestern Egypt. *Revista Espanola de Micropaleontologia* 42 (1), P. 37-58 (2010).
- Kh. A. K. Ouda, Atlas of risks of climate change on the Egyptian coasts and defensive policies. Publisher: Assiut University, Assiut 71516, Egypt, Registration Number 13053/2010, International Numeration 977-17-9089-7; 2 volumes, 955 p., 734 pl. (2010).
- T. Milan Stafford, Njike Ngaha Pierre Ricard, Mahmoud, Magdy Salah, Deaf Amr Sais and Ekodeck Georges Emmanue Existence of "late continental" deposits in the Mbere and Djerem sedimentary basins (North Cameroon): Palymologic and stratigraphic evidence. *Journal of Geology and Mining Research* Vol. 2(6) pp. 159-169 (2010).
- A. A. Omran, and R. Sawires, Log-derived petrophysical characteristics of the Nubian Sandstone Aquifer in El-Bahariya Oasis, Egypt,. The Sixth International Conference of Applied Geophysics, 28 February 2011, National Research Center, Cairo, EGYPT. (2011).
- A. Adel Hegab, Wall Struture Characteristics of the oyster *Crassostrea Gingensis* (Schlotheim) from the Neogenr Sediments Along the Red Sea Coast, *Egyptian Journal of Geology*, V. 55, P. 233-245 (2011).

- A. Deif, H. Hamed, H. A. Ibrahim, K. Abuel-Enean and E. El-Amin, Seismic hazard assessment in Aswan, Egypt. *J. Geophys. Eng.* 8: 531-548. (2011).
- A. M. Gad, M. M. Essa, and M. A. Elhaddad, Microfacies, Chemistry, depositional environments and diagenesis of the limestones of Mir area, Assiut, Egypt. The Third Conference for Young Scientists, 19-20 April 2011, Assiut University, Assiut, EGYPT. (2011).
- H. H. Elewa, and E. M. Abu El Ella, Numerical Modeling for the Nubian Aquifer Development in Wadi Qena, Eastern Desert, Egypt. *Egyptian Journal of Geology*, vol. 55, p. 105-125. (2011).
- H. H. Elewa, and E. M. Abu El Ella, Prediction of Future Water Level Depletion of the Aquifer Systems in Farafra Depression, Egypt, using Mathematical Flow Modeling Techniques. *Egyptian Journal of Geology*, vol. 55, p. 87-104. (2011).
- H. H. Elewa, and E.M. Abu El Ella, Analytically-Based Groundwater Flow Modeling for the Management of the Pleistocene Aquifer System in Wadi El- Assiuti, Eastern Desert, Egypt. *Annals of the GSE* (Accepted for Publication in, Prof. Elsayed M. Abu El Ella, Geology Department, Faculty of Science, Assiut University, Egypt 6 /7 (2011).
- Kh. A. K. Ouda, M. Senosy, I. Nasr, M. Gad, G. Hassan, M. saber, New Findings in Geology, Geomorphology , and Groundwater Potentiality of the Great Sand Sea, Western Desert, Egypt: An advantage which would lead to establishment of new societies in order to meet growing demands in Egypt. Official Final Report presented to the University of Assiut and the Ministry of Agriculture and Land Reclamation, Egypt. 36 p., 250 pls. (2011).
- M. A. Farragallah, and M. A. Essa, Mineralogical composition of Khamasin wind dust at Assiut, Egypt. *Ass. Univ. Bull. Environ. Res.* Vol. 14 No. 2, pp. 95-108, (2011).

- M. A. Farragallah, and M. A. Essa, Sand and Clay Mineralogical Composition in Relation to Origin, Sedimentation Regime, Uniformity, and Weathering Rate of Nile Terrace soils at Assiut, Egypt. *Australian Journal of Basic and Applied Sciences*, V. 5, no. 10, pp. 239-256. (2011).
- M. M. Youssef, M. A. Hassan, O. M. El-Nady, and F. B. Malek, Structural study and deformation history of Meatiq area, central Eastern Desert, Egypt. The Third Conference for Young Scientists, 19-20 April 2011, Assiut University, Assiut, EGYPT. (2011).
- M-P. Aubry, C. Dupuis, H. Ghaly, C. King, R. O. B. Knox, W. A. Berggren, C. karthausen, Kh. Ouda, M. Senosy, M. Soliman, D. Ward, M. Youssef, W. F. Galal, A. A. Abdel-Sabour, Geological Setting of the Theban Necropolis: Implications for the Preservation of the West Bank Monuments. In: David Aston, Bettina Badr, et al.(eds) *Under the Potter's Tree: Studies on Ancient Egypt Presented to Janine Bourriau on the Occasion of Her 70th Birthday*, *Orientalia lovaniensia Analecta* ,Vo. 204. Peeters Publishers, Leuven, Belgium, pp. 81-124, (2011).
- R. Sawires, A. A. Omran and A. Werwer, Potentiality and suitability of groundwater in the northern part of El-Bahariya Oasis, Western Desert, Egypt. The Third Conference for Young Scientists, 19-20 April 2011, Assiut University, Assiut, EGYPT. (2011).
- R. Sawires, A. A. Omran, and A. Werwer, Geophysical and hydrogeological studies on El-Bahariya Area, Egypt: Using well logging methods, hydrogeology and hydrogeochemistry. LAMBERT Academic Publishing, Germany, ISBN: 978-3-8454-3780-4, (2011).
- R. W. Knox, M. F. Soliman, and M. A. Essa, Heavy mineral stratigraphy of Palaeozoic and Mesozoic sandstones of southwestern Sinai, Egypt: A reassessment. *GeoArabia*, V. 16, no. 3, pp. 31-64. (2011)

- W. A. Berggren, L. Alegret, M. P. Aubry, B. S. Cramer, C. Dupuis, C. King, R. W. O. B. Knox, N. Obaidalla, S. Ortiz, Kh. A. K. Ouda, A. Sabour, M. Senosy, M. Soliman, The Dababiya Corehole, Upper Nile Valley, Egypt: Litho-bio-chemostratigraphy and geophysical logging. *Berichte der Geologischen Bundesanstalt*, 85: 39. In: Egger, H., Ed., *Climate and biota in the early Paleogene: Conference program and abstracts*, 5–8 June 2011, Salzburg, Austria (211).
- A. M. Hamdan, A. A. Omran, and R. Sawires, Evaluation of hydrogeochemical parameters of the groundwater in El-Bahariya Oasis, Western Desert, Egypt. *Assiut University Journal of Geology* 41, 1-22, (2012).
- A. William Berggren, Laia Alegret, Marie-pierre Aubry, S. Ben Cramer, Christian Dupuis, Sijn Goolaerts, V. Dennis Kent, Christopher king, W. O. B. Robert. Knox, Nageh Obaidalla, Silvia ortiz, Kh. A. K. Ouda, Ayman Abdel-sabour, Rehab Salem, M. Mahmoud Senosy, F. Mamdouh Soliman & Ali Soliman, The dababiya corehole, Upper Nile Valley, Egypt: Preliminary results, *Austrian Journal of Earth Sciences* Volume 105/1 Vienna (2012).
- B. Pestitschek, S. Gier, M. A. Essa, and J. Kurzweil, Effects of weathering on glauconite: evidence from the Abu Tartur Plateau, Egypt. *Clays and Clay Minerals*, V. 60, No. 1, pp. 76–88, (2012).
- E. M. Abu El Ella, Hydrogeochemistry and Desalination of Saline Groundwater in Wadi El-Assiuti, Upper Egypt. The 6th Int.Conf. for Develop.and the Env. In the Arab World, March 24-26 2012, Assiut, Egypt: 293-304. (2012).
- F. Mamdouh Soliman, Ahmed El Goresy, Framboidal and idiomorphic pyrite in the upper Maastrichtian sedimentary rocks at Gabal Oweina, Nile Valley, Egypt: Formation processes, oxidation products and genetic implications to the

- origin of framboidal pyrite, *Geochimica et Cosmochimica Acta* Vol. 90, PP. 195–220, (2012).
- H. Feldman, V. Radulovic, A. A. Hegab, R. Barbara, Sinaithyris, a new name for the Middle Jurassic terebratulid brachiopod *Cooperithyris* Feldman, Radulovic, Hegab and Radulovic 2012 preoccupied by *Cooperithyris* Tchorszevesky, 1988. *Journal of paleontology*, 88 (5), 1094-1094 (2012).
- H. H. Mohamed, A. Deif, H. A. Ibrahim, K. Abuel-enean and E. El-Amin, Source parameters of the 2007 earthquake sequence, Aswan, Egypt. *Journal of African Earth Sciences* 62: 19-25, (2012).
- H. R. Feldman, V. Radulovic, A. A. Hegab & R. Barbara, Taxonomy and Paleobiogeography of Late Bathonian Brachiopods from Gebel Engabashi, Northern Sinai. *Journal of Paleontology* 86 (2), P. 238-253 (2012).
- Kh. A. K. Ouda, A. William Berggren, and Ayman Abdel Sabour, Planktonic foraminiferal biostratigraphy of the Paleocene/Eocene boundary interval in the Dababiya Quarry Corehole, Dababiya, Upper Nile Valley, Egypt, stratigraphy, vol. 9, nos 3–4, plate 1, text-figures 1–5, table 1, pp. 213–227, (2012).
- Kh. A. K. Ouda, Atlas of Risks of Climate Change on The Egyptian Coasts and Defensive Policies. Humboldt kolleg. Proceedings of the Fifth International Conference of The Egyptian Society for Environmental Sciences & Suez Canal University ,Climate Change. and water Resources,, 7 July 2012. Published by the Egyptian Society for Environmental sciences, pp. 26-28. (2012).
- Kh. A. K. Ouda, M. Senosy, M. Gad, G. Hassan, and M. Saber, New Findings in Geology, Geomorphology, and Groundwater Potentiality of the Great Sand Sea, Western Desert, Egypt. Proceedings of the Geology of the Nile Basin Countries Conference (GNBCC-2012): Geology and

- development challenges, Alexandria, Egypt, March 20th - 22nd, pp.98-103. (2012).
- Kh. A. K. Ouda, Risks of climate change on the Egyptian coasts and defensive policies. Proceeding of the Geology of the Nile Basin Countries Conference (GNBCC-2012): Geology and development challenges, Alexandria (Egypt), March 20th - 22nd, 2012, pp. 95-97, (2012).
- L. Scott, F. H. Neumann, G. A. Brook, C. B. Bousman, E. Norstrom and A. A. Metwally, Terrestrial fossil-pollen evidence of climate change during the last 26 thousand years in Southern Africa. *Quaternary Science Reviews*, 32: 100-118, (2012).
- M. A. Essa, and A. M. El Ayyat, Contribution to the sedimentology, diagenesis and mineralogy of the Cenomanian/Santonian mixed carbonate-siliciclastic sequence in north Eastern Desert, Egypt. *Egyptian Journal of Geology*, V.56, pp. 347-372. (2012).
- R. Howard Feldman, J. Vladan Radulovic, A. A. Adel Hegab, Barbara V. Radulovic Taxonomy and Paleobiogeography of Late Bathonian Brachiopods from Gebel Engabashi, Northern Sinai. *Journal of Paleontology*, 86 (2), P. 238-252, (2012).
- R. Shobak, A. Sefelnaser, A. Omran, E. Keheila, Flash Flood Analysis and Risk Assessment of Wadi El-Ibrahimi using GIS, Eastern of Assiut City, Egypt, The second JE-HydroNet Symposium on the Nile River System and the Delta of Egypt, (2012).
- W. A. Berggren, L. Alegret, M. P. Aubry, B. S. Cramer, C. Dupuis, S. Goolaerts, D. V. Kent, C. King, R. W. O. B. Knox, N. Obaidalla, S. Ortiz, Kh. A. K. Ouda, A. Abdel-Sabour, M. Senossy, M. Soliman, The Dababiya Corehole: Upper Nile Valley, Egypt: Preliminary Results: *Austrian Journal of Earth Sciences*, 105: 1, pp.161–168. (2012).

- A. A. Adel Hegab, First Record of Brachiopoda from – Maastrichtian Lower Paleocene Successions in Egypt, The seventh International conference on the Geology of Africa P-P VI-89-VI-103 (Nov. 2013) Assiut- Egypt.
- A. A. Adel Hegab, New Middle Jurassic Terebratulid species from Northern Sinai, Egypt, The seventh International conference on the Geology of Africa P-P VI-81-VI-88 (Nov. 2013) Assiut- Egypt.
- A. A. Ahmed, M. Sh. Diab, E. M. Abu El Ella, A. El-shater, Urbanization, agriculture and degradation of groundwater quality: Case study of Nile Valley, Luxor, Egypt. International Conference on Water Resources and Environment, Istanbul – Turkey, 24th-28th of November (2013).
- A. F. Karin Zonneveld, Fabienne Marret, J. M. Gerard Versteegh, Kara Bogus, Sophie Bonnet, Ilham Bouimetarhan, Erica Crouch, Anne de Vernal, Rehab Ishanawany, Lucy Edwards, Oliver Esper, Seven Forke, Kari Grosfeld, Maryse Henry, Ulrike Holzwarth, Jean-Francois Kieft d, so-Young Kim, Stephanie Kadouceur, David Ledu, Liang Chen, Audrey Limoges, Laurent Londeix, S.-H. Lu, Magdy S. Mahmoud, Gianluca Marino, Kazumi Matsouka, Jens Matthiessen, D. C. Mildenhall, Peta Mudie, H. L. Neil, Vera Pospelova, Yuzao Qi, Taoufik Radi, Thomas Richerol, andre Rochon P, Francesca Sangiorgi, Sandrine Solignac, Jean-Louis Turon, Thomas Verketem Yan Wang, Zhaohui Wang, Marty Young, Atlas of modern dinoflagellate cyst distribution based on 2405 data points. Review of Palaeobotany and Palynology 191, 1-197, Amsterdam (2013).
- A. M. Hamdan and R. Sawires, Hydrogeological studies on the Nubian sandstone aquifer in El-Bahariya Oasis, Western Desert, Egypt. Arabian Journal of Geosciences 6, 1,333-1,347. (2013).

- A. William Berggren, and Kh. A. K. Ouda, The Dababiya Quarry Corehole Introduction, Early Paleogene Geohistory of Egypt, stratigraphy, vol. 9, nos 3–4, text-figures 1–6, pp. 183–188, 2012 (2013).
- B. G. Z. Abdel Aal, A. E. El-Haddad, M. A. Ibrahim, Subsurface tectonic pattern and basement topography as interpreted from aeromagnetic data to the south of El-Dakhla Oasis, western desert, Egypt, - Arab J Geosci (2013).
- F. F. Abu El-Ela, H. A. Ibrahim, I. A. El-Hemaly, A. M. Nasser, Paleomagnetic and Rock magnetic studies of Mafic-Ultramafic Layered intrusion of Gebel Dahanib, SE Desert, Egypt. Egyptian Geophysical Society, the 28th Annual Meeting Program 19 March, (2013).
- F. Mamdouh Soliman & A. Nageh Obaidalla & A. Ezzat Ahmed & A. Ahmed Ahmed & Johannes Kurzweil, Mid-Paleocene event at Gabal Nezzazat, Sinai, Egypt: planktonic foraminiferal biostratigraphy, mineralogy and geochemistry, - Arab J Geosci (2013).
- H. H. Elewa, E. M. Ramadan, A. A. El-Feel, E. M. Abu El Ella, and A. M. Nosair, Runoff Water Harvesting Optimization by Using RS, GIS and Watershed Modelling in Wadi El-Arish, Sinai. Inter. J. Engi. Res. & Tech., 2: 1635- 1648. ISSN: 2278-0181, (2013).
- Kh. A. K. Ouda, W. A. Berggren, and A. Abdel Sabour, Planktonic foraminiferal biostratigraphy of the Paleocene/Eocene boundary interval in the Dababiya Quarry Corehole, Dababiya, Upper Nile Valley, Egypt. Stratigraphy, vol. 9, nos 3–4, plate 1, text-figures 1–5, table 1, pp. 213–227, 2012 (2013).
- L. Scott, F. H. Neumann, G. A. Brook, C. B. Bousman, E. Norstrom and A. A. Metwally, Corrigendum to ,Terrestrial fossil-pollen evidence of climate change during the last 26 thousand years in Southern Africa. Quaternary Science Reviews, 59: 115-116, (2013).

- M. Abdalla El Ayyat, A. Nageh Obaidalla, Stratigraphy, sedimentology and tectonic evolution of the Upper, Cretaceous/Paleogene succession in north Eastern Desert, Egypt, *Journal of African Earth Sciences* 81 (2013) 35–59, (2013).
- M. Abdel-Moneim Mohamed, Evolution of mineralizing fluids of cassiterite–wolframite and fluorite deposits from Mueilha tin mine area, Eastern Desert of Egypt, evidence from fluid inclusion, *Arab J Geosci* 6:775–782 (2013).
- M. Abdel-Moneim Mohamed, Immiscibility between silicate magma and aqueous fluids in Egyptian rare-metal granites: melt and fluid inclusions study, *Arab J Geosci* 6:4021–4033 (2013).
- M. Ali Hamdan & M. Mahmoud Sensoy & S. Mali Mansour, Evaluating the effectiveness of bank infiltration process in new Aswan City, Egypt, *Arab J Geosci* 6:4155–4165 (2013).
- M. M. Senosy and A. Abdel-Sabour, The Dababiya Quarry Corehole in Dababiya Natural Park, southern Nile Valley, Egypt, stratigraphy, vol. 9, nos 3–4, text-figures 1–4, pp. 189–192, 2012 (2013).
- M. M. Senosy, M. M. Youssef, M. Abdel Zaher, Sedimentary cover in the South Western Desert of Egypt as deduced from Bouguer gravity and drill-hole data, *Journal of African Earth Sciences* 82 (2013).
- S. T. Abouelfadl, Kh. A. K. Ouda, A. A. Atia and N. Al-Amir, A Primary Master Plan of Gardens' City- A New City in Egyptian Western Desert (EGCWD), *Journal of Clean Energy Technologies*, Vol. 1, No. 2. pp.136-140. (2013).
- S. T. Abouelfadl, Kh. A. K. Ouda, A. A. Atia, and N. Al-Amir, The Egyptian Gardens' City in Western Desert (EGCWD) A primary master plan. *Proceedings of International Conference on Energy and Sustainability*, NED University

- of Engineering and Technology, Karachi, Pakistan, 150-156 pp, (2013).
- W. A. Berggren, and Kh. A. K. Ouda, Early Paleogene Geohistory of Egypt: The Dababiya Quarry Corehole; Introduction. Stratigraphy, vol. 9, nos 3–4, text-figures 1–6, pp. 183–188, (2013).
- A. A. Adel Hegab, Recent Littoral Mollusca of the Red Sea Along Marsa Alam-Ras Banas shore, Egyptian journal of Geology, v. 58, 2014, p. 423-436, (2014).
- A. A. Ahmed, G. E. Fogg, M. Sh. Diab, E. M. Abu El Ella, Historical change of groundwater levels and its consequences on the archaeological sites at Luxor, Egypt. The 7th International Conference for Development and the Environment in the Arab World, Assiut University, Egypt, 23 – 25 March, (2014).
- A. A. Metwally, L. Scott, F. H. Neumann, M. K. Bamford and H. Oberhänsli, Holocene palynology and palaeoenvironments in the Savanna Biome at Tswaing Crater, central South Africa, Palaeogeography, Palaeoclimatology, Palaeoecology, 402: 125–135, (2014).
- A. Badawy, H. Gaber, H. A. Ibrahim, Earthquake risk assessment of Alexandria, J Seismol, J Seismol, 19, 159–170, April, (2014).
- A. M. Ebraheem, M. M. Al Mulla, M. M. Sherif, O. Awad, S. F. Akram, N. B. Al Suweidi, A. Shetty, Mapping groundwater conditions in different geological environments in the northern area of UAE using 2D earth resistivity imaging survey, Environmental earth sciences 09 (2014).
- A. Sefelnasr and Mohsen Sherif, Impacts of Seawater Rise on Seawater Intrusion in the Nile Delta Aquifer, Egypt, Groundwater, Elsevier, 52-2, 264-276, (2014).
- A. Sefelnasr, Wolfgang Gossel, Peter Wycisk, Three dimensional groundwater flow modeling approach for the groundwater management options for the Dakhla oasis, Western Desert,

- Egypt. Environmental Earth Sciences, Environmental Earth Sciences, Springer, 72 - 4, 1227-1241, (2014).
- E. A. Atekwana, F. M. Mewafy, G. Abdel Aal, D. D. Werkema Jr., A. Revil, and L. D. Slater, High-resolution magnetic susceptibility measurements for investigating magnetic mineral formation during microbial mediated iron reduction,, Journal of Geophysical Research, 119, (2014).
 - E. M. Abu El Ella, and M. M. Sellim, Membrane Manufacturing, Testing and Evaluation in Brackish Water Desalination in the Arid Regions: A Case Study in Wadi El-Assiuti, Upper Egypt. 6th International Conferences on Water Resources and Arid Environments (ICWRAE 6): 21-28 16-17 December, 2014, Riyadh, Saudi Arabia, (2014).
 - G. Z. Abdel Aal, E. A. Atekwana, and A. Revil, Geophysical signatures of disseminated iron minerals: A proxy for understanding subsurface biophysicochemical processes, Journal of Geophysical Research, 119, (2014).
 - H. Ali Abdel Aati, H. Shabah Shaban, Application of Shallow Seismic Refraction for Determining Geotechnical Properties and Competence of Karst Climate Stone Bedrock in an area West of Assiut, Egypt, Fast Times, Vol. 19(2), June, (2014).
 - I. Maher El-Soughier, S. Amr Deaf & S. Magdy Mahmoud, Palynostratigraphy and palaeoenvironmental significance of the Cretaceous palynomorphs in the Qattara Rim-1X well, North Western Desert, Egypt, Arabian Journal of Geosciences, Springer, 7 (8), 3051-3068, (2014).
 - J. A. Peláez, F. J. Garcia-Tortosa, M. Sanchez-Gomez, F. Perez-Valera, C. Sanz de Galdeano, J. Henares, M. Hamdache, and R. Sawires, The 2012-2013 Torreyerogil (Eastern Guadalquivir Basin, Spain) Seismic series - A Tectonic Seismic Swarm Of Low Magnitude Earthquakes In A Low Seismic Hazard Area, The Second European Conference

- on Earthquake Engineering and Seismology, 24-29 August (2014).
- M. Hamdache, J. A. Peláez, A. Kijko, A. Talbi, and R. Sawires, Implementation and Characterization of Seismogenic Source Zone Model in the Algeria-Moroco Region, Maghreb Congress of Earthquake Engineering, 4-5 December 2014, Rabat, Morocco., December, (2014).
- R. Sawires, H. A. Ibrahim, R. E. Fat-Helbary and J. A. Peláez, seismological database for Egypt including updated seismic and focal mechanism catalogues. The Eighth Spanish-Portuguese Assembly of Geodesy and Geophysics, 29-31 January (2014).
- S. Abdulwahab Alaug & S. Magdy Mahmoud & S. Amr Deaf & K. Thamer AL-Ameri, Palynofacies, organic geochemical analyses and hydrocarbon potential of some Upper Jurassic-Lower Cretaceous rocks, the Sabatayn-1 well, Central Yemen, Arabian Journal of Geoscience , Springer, volume 7, number 6, 2515–2530, link.springer.com, (2014).
- S. Abdulwahab Alaug & S. Magdy Mahmoud & S. Amr Deaf & K. Thamer AL-Ameri, Palynofacies, organic geochemical analyses and hydrocarbon potential of some Upper Jurassic-Lower Cretaceous rocks, the Sabatayn-1 well, Central Yemen, Arab J Geosci 7:2515–2530 (2014).
- S. Amr Deaf, C. Ian Harding and E. A. John, Marshall Palynology, Cretaceous (Albian–?early Santonian) palynology and stratigraphy of the Abu Tunis 1x borehole, northern Western Desert, Egypt, (2014).
- S. Amr Deaf, Ian C. Harding and E. A. John Marshall, Cretaceous (Albian–?early Santonian) palynology and stratigraphy of the Abu Tunis 1x borehole, northern Western Desert, Egypt, Palynology , Taylor & Francis on behalf of AASP - The Palynological Society , 38 (1), 51–77, (2014).
- S. Haby Mohamed & M. Mahmoud Senosy and Z. Gamal Abdel Aal, Upgrading of the inverse slope method for quantitative

- interpretation of earth resistivity measurements, *Arabian Journal of Geosciences*, 7 (10), 4059-4077, (2014).
- S. Magdy Mahmoud, A. Mohamed Masoud, A. Mohamed Tammam, M. Miran Khalaf, Palynofacies analysis and paleoenvironment of some Lower Cretaceous rocks of the Sikeifa 1X borehole, north Western Desert, Egypt. , *Proceedings of the Seventh International Conference on the Geology of Africa*, Assiut, Geology Department, Assiut University, VI, 33-58, November, (2014).
- Z. Gamal Abdel Aal and A. Estella, Atekwana, Spectral induced polarization (SIP) response of biodegraded oil in porous media, *Geophysical Journal International*, 196 (2), 804-817., (2014).
- A. A. Omran, A. M. seifelnasr, H. A. Abdel-hak, And W. S. El Tahawy, Integrated Formation Evaluation Of Quaternary Aquifer In Assiut Governorate, Nile Valley, Egypt, Based on Vertical Resistivity Soundings and Well Logging Analysis, , *Scientific Journal for Damietta Faculty of Science (sjdfs)*, 38b-(2015).
- A. A. Omran, A. M. Seifelnasr, H. A. Abdel-Hak, and W. S. El Tahawy, Integrated Formation Evaluation of Quaternary Aquifer in Assiut Governorate, Nile Valley, Egypt, Based on Vertical Resistivity Soundings and Well Logging Analysis, , *Scientific Journal for Damietta Faculty of Science (SJDFS)*, 38B- (2015).
- A. A. Omran, and N. M. Al-Areeq, Joint Geophysical and Geochemical Evaluation of Source Rocks. A Case Study in Sayun-Masila Basin, Yemen. *Proceeding of 11th Meeting of the Saudi Sociaty for Geosciences*, 12-14 May, (2015), KSU Campus, Riyadh, Saudi Arabia (2015).
- A. Abd El- Hay Farrag and A. Hanaa Megahed, Hydrochemical Analyses of Groundwater and its Suitability for Drinking and Agricltral Uses at Siwa Oasis, Western Desert of Egypt, Has been presented and discussed during the sessions

of the Elghth international Conference on the Geology of Africa Held in Assiut University on November 24-26, (2015).

- A. Kamal Ali , Alfred Kröner, Ernst Hegner, Jean Wong, Shuang-Qing Li, A. Hisham Gahlan, F. Fawzy Abu El Ela, 27. U–Pb zircon geochronology and Hf–Nd isotopic systematics of Wadi Beitan granitoid gneisses, South Eastern Desert, Egypt, Gondwana Research , 27(2) , 811-824, (2015).
- A. M. El Ayyat, Lithostratigraphy, sedimentology, and cyclicity of the Duwi Formation (late Cretaceous) at Abu Tartur plateau, Western Desert of Egypt: evidences for reworking and redeposition , Arab J Geosci, 99–124, February, (2015).
- A. M. El Ayyat, Modes of origin and genetic pathways of peloids within the Duwi Formation (late Cretaceous) in Eastern and Western deserts of Egypt: A petrologic perspective, Sedimentary Geology 318, 20–39, (2015).
- A. M. El Ayyat, Modes of origin and genetic pathways of peloids within the Duwi Formation late Cretaceous in Eastern and Western deserts of Egypt A petrologic perspective , Sedimentary Geology, 20–39, February, (2015).
- A. Mohamed Moneim, A. Ezzat Ahmed, Synthesis of Faujasite from Egyptian Clays, Characterizations and Removal of Heavy Metals, Geomaterials, scientific research, 2015, 5, 68, 76, 68 -76, May, (2015).
- A. Nageh Obaidalla, M. Abdalla El Ayyat, Hassan Soltan Hassan & Ayman Abdel-Aal, A Preliminary Application Study to Measure the Suitability of Two Major Carbonate Reserves (Sad El-Na'am and Umm Rassiess Mountains) in the Cement Industry: An Example From Northeastern Desert, Egypt, Journal of Environmental Science, Computer Science and Engineering & Technology , E-ISSN, 2278-179X. Country, India. , Sec. A; Vol.4.No.3., 673-679, (2015).

- A. Revil, G. Z. Abdel Aal, E. A. Atekwana, D. Mao, and N. Florsch, Induced polarization response of porous media with metallic particles - Part 2. Comparison with a broad database of experimental data, *Geophysics*, (2015).
- A. Sefelnasr, Wolfgang Gossel, Peter Wycisk, Groundwater management options in an arid environment: the Nubian Sandstone Aquifer System, Eastern Sahara, *Journal of Arid Environments*, Elsevier, 122, 46-58, (2015).
- E. R. Neumann, M. A. Abu El-Rus, M. Tiepolo, L. Ottolini, R. Vannucci⁴ and M., Whitehouse Serpentinization and Deserpentinization Reactions in the Upper Mantle beneath Fuerteventura Revealed by Peridotite Xenoliths with Fibrous Orthopyroxene and Mottled Olivine, *Journal of Petrology*, Vol. 56, No. 1, 3–31, (2015).
- E. R. Philobbos, M. A. Essa, and M. M. Ismail, Geologic history of the Neogene “Qena Lake” developed during the evolution of the Nile Valley: A sedimentological, mineralogical and geochemical approach. *Journal of African Earth Sciences*, V. 101, pp. 194-219, (2015).
- E. R. Philobbos, M. A. Essa, and M. M. Ismail, Geologic history of the Neogene “Qena Lake” developed during the evolution of the Nile Valley: A sedimentological, mineralogical and geochemical approach. *Journal of African Earth Sciences*, V. 101, pp. 194-219, (2015).
- F. F. Abu El-Ela, Petrology of Neoproterozoic mafic-ultramafic layered intrusions of Abu Diwan and Um Rus district, Eastern Desert, Egypt (submitted to *African Journal Earth Sciences*)., (submitted to *African Journal Earth Sciences*), (2015).
- H. A. Soliman, M. Faris, N. A. Obaidalla, and A. A. Metwally, The Danian/Selandian (D/S) boundary event at Gabal Serai, Nile Valley, Egypt. P-P VII-1 – VII-26 (Nov. 2015) Assiut-Egypt. Proceeding of the 8th International Conference on

- the Geology of Africa held at the Geology Department, Faculty of Science, Assiut University, Assiut, Egypt (2015).
- Kh. A. K. Ouda, W. A. Berggren A. and Abdel Sabour, Biostratigraphy of the Upper Paleocene- Lower Eocene succession of Gebel El Aguz, northeastern Kharga Oasis, Western Desert, Egypt Presented to *Revue de Paleobiologie* in Sep. Under reviewing, (2015)
- Kh. A. K. Ouda, W. A. Berggren and A. Abdel Sabour, Upper Paleocene-Lower Eocene Biostratigraphy of Darb Gaga Southeastern Kharga Oasis, Western Desert, Egypt. Presented to *J. African Earth Sciences* in Sep. (2015), Under reviewing Sep. (2015).
- L. Carol Beaver, E. Anja Williams, A. Estella Atekwana, M. Farag Mewafy, Gamal Abdel Aal, D. Lee Slater and Silvia Rossbach, Microbial Communities Associated with Zones of Elevated Magnetic Susceptibility in Hydrocarbon contaminated Sediments, *Geomicrobiology Journal*, (2015).
- M. Abdalla El Ayyat, Lithostratigraphy, sedimentology, and cyclicity of the Duwi, Formation (late Cretaceous) at Abu Tartur plateau, Western, Desert of Egypt: evidences for reworking and redeposition, *Arab J Geosci*, 8:99–124, (2015).
- M. F. Zawrah, E. M. Abu El Ella, M. G. Snousy, The Spread and Movement of Pollutants in Subsurface (Aquifer System) is a Subject Deserves Discussion in Northwestern Suez Gulf Area, Egypt: A Critical Study. (Abstract), the 18th International Conference on Petroleum, Mineral Resources and Development, 8-10, Egyptian Petroleum Research Institute, Nasr City, Cairo, Egypt, February, (2015).
- M. Hamdache, J. A. Peláez, A. Kijko, A. Smit, and R. Sawires, Seismic hazard parameters of main seismogenic source zone model in the Algeria-Morocco region. Geo-risks in the Mediterranean and their Mitigation, 20-21, *MALTAn*, July (2015).

- M. Hamdache, J. A. Pelaez, A. Kijko, A. Smit, R. Sawires, Characteristic Parameters of a Seismogenic Source Zone Model in the Algeria-Morocco Region, SECED Conference: Earthquake Risk and Engineering towards a Resilient World, Cambridge UK, NULL, July, (2015).
- M. Thabet, A. El-Haddad, R. Fat-Helbary, A. Hamed, Influence of Seismic Refraction Tomography Analyses on 2D Numerical Site Response, 6th International Conference on Earthquake Geotechnical Engineering, Christchurch, New Zealand., November, (2015).
- M. Thabet, Integrated Shear Waveform Inversion Using Recorded Events at Treasure Island Geotechnical Array, 6th International Conference on Earthquake Geotechnical Engineering, Christchurch, New Zealand., (2015).
- N. M. Al-Areeq, M. A. Soliman, M. A. Essa and N. A. Al-Alazazi, Diagenesis and reservoir quality analysis in the Lower Cretaceous Qishn sandstones from Masila oilfields in the Sayun–Masila Basin, eastern Yemen, Geological Journal, V. 52, pp. 213- 229, (2015).
- N. M. Alareeq, M. A. Soliman, M. A. Essa, and N. A. Al-Azazi, Diagenesis and reservoir quality analysis in the lower Cretaceous Qishn sandstones from Masila oilfields in the Sayun-Masola basin, eastern - Yemen, Geol. J., (2015).
- R. Sawires, H. A. Ibrahim, J. A. Peláez, R. E. Fat-Helbary, J. Henares, and M. Hamdache, A new proposed seismic source model for the seismic hazard assessment of Egypt. Eighth International Conference on the Geology of Africa, 24-26 November (2015).
- R. Sawires, J. A. Peláez, Probabilistic seismic hazard assessment of Egypt, The World Multidisciplinary Earth Sciences Symposium WMESS 2015, Prague, Czech Republic, NULL, September, (2015).
- R. Sawires, J. A. Peláez, R. E. Fat-Helbary, and H. A. Ibrahim, A review of seismic hazard assessment studies and hazard

- description in the building codes for Egypt. *Acta Geodaetica et Geophysica*, (2015).
- R. Sawires, J. A. Peláez, R. E. Fat-Helbary, H. A. Ibrahim, and M. T. García-Hernández, An updated seismic source model for Egypt. In: Moustafa, A. (ed.) *Earthquake Engineering-From Engineering Seismology to Optimal Seismic Design of Engineering Structures*, InTech, PP. 1-51, (2015).
 - R. Sawires, R. E. Fat-Helbary, J. A. Peláez, H. A. Ibrahim, M. Hamdache, and F. Panzera, Seismic hazard deaggregation for selected Egyptian cities. *Geo-risks in the Mediterranean and their Mitigation*, 20-21, MALTA July (2015).
 - S. Abouelfadl, Kh. A. K. Ouda, A. Atia, N. AL-AMIR, M. Ali, S. Mahmoud, H. Said and A. Ahmed, Radical Urban Development in the Egyptian Desert. *J. Fundam Renewable Energy Appl*, Vol. 5 (2): 158.
 - S. Amr Deaf, C. Ian Harding & E. A. John Marshall, Early Cretaceous palynostratigraphy of the Abu Tunis 1x borehole, northern Western Desert, Egypt, with emphasis on the possible palaeoclimatic effect upon the range of *Dicellaeropsis etruscus* in North Africa, *Palynology* , Taylor & Francis on behalf of AASP - The Palynological Society, (2015).
 - S. Magdy Mahmoud, H. Galal El-Habaak, S. Amr Deaf and A. Heba Abd El-Razek, Environmental and paleoclimatic significance of organic-walled microfossils (Pliocene-Holocene) from Assuit area, Egypt. *Egyptian Journal of Paleontology*, Vol. 15, 207-247, (2015).
 - A. M. El Ayyat , Nageh A. Obaidalla, The impact of the Syrian Arc Orogeny on the Early Paleogene rocks, western shoulder of the Gulf of Suez, Egypt, *Palaeogeography, Palaeoclimatology, Palaeoecology*, NULL, PP. 30–53, (2016)
 - A. Omran, Zeidan, G., Othman, M., Sawires, R., and Ramah, M., Application of electrical resistivity and seismicity

- parameters for civil engineering purposes at some sites in Assiut New city, Egypt, The Arab Conference for Astronomy and Geophysics, 17-20 October 2016, Cairo, EGYPT, NULL, (2016)
- H. Aziz Hegazy, Eman Saad, Geology, petrography and Geochemistry of El-Kahfa Ring Complex, South Eastern Desert, Egypt, International Journal of Geophysics and Geochemistry: 2016, 3(3): 25-37
- H. M. Sallam, Patrick M. O'Connor, Mahmoud Kora, Joseph J.W. Sertich, Erik R. Seiffert, Mahmoud Faris, Khaled Ouda, Iman El-Dawoudi, Sara Saber, Sanaa El-Sayed, Vertebrate paleontological exploration of the Upper Cretaceous succession in the Dakhla and Kharga Oases, Western Desert, Egypt, Journal of African Earth Sciences, Vol. 117, PP. 223-234, (2016)
www.elsevier.com/locate/jafrearsci
- J. A. Peláez, M. Hamdache, C. Sanz de Galdeano, R. Sawires, and M. T. García Hernández, Forecasting moderate earthquakes in Northern Algeria and Morocco, S. D'Amico (ed.), Earthquakes and Their Impact on Society, Springer Natural Hazards, NULL, PP. 81-95, (2016)
- Kh. Ouda, William A. Berggren, Ayman Abdel Sabour, Upper Paleocene-Lower Eocene biostratigraphy of Darb Gaga, Southeastern Kharga Oasis Western Desert, Egypt. J. African Earth Sciences, vol. 118, pp. 12-23, (2016)
- M. Gamal Snousy, M. F. Zawrah, Th. Abdel-Moghny, M. A. Ebiad, A. M. Rashad, Mahmoud M. Khalil, E. M. Abu El Ella, E. El-Sayed, M. A. Tantawy, Mobility and Fate of Pollutants in the Aquifer System of the Northwestern Suez Gulf, Egypt, Reviews of Environmental Contamination and Toxicology, Vol. 240, PP. 169-195, (2016)
- M. Hamdache, Peláez, J.A., Kijko, A., Smit, A., and Sawires, R., Seismic hazard parameters of seismogenic source zone model in the Algeria-Morocco region, The Arab

- Conference for Astronomy and Geophysics, 17-20 October 2016, Cairo, EGYPT(2016)
- M. Hamdache, J. A. Peláez, J. Henares, Y. Damerджи, and R. Sawires, Analysis of the 2012–2013 Torreperogil-Sabiote seismic swarm, Physics and Chemistry of the Earth, NULL, (2016)
- M. Hassan El-Dawy, Nageh Abdelrahman Obaidalla Kamel Hussien Mahfouz , Samar Adel Abdel Wahed, PaleoceneEocene transition at Naqb Assiut, Kharga Oasis, Western Desert, Egypt: Stratigraphical and paleoenvironmental inferences , Journal of African Earth Sciences 117 (2016) 207-222
- M. Othman, Zeidan, G., Omran, A., Sawires, R., and Ramah, M., 2D electrical resistivity imaging and seismic hazard assessment of buildings in Assiut New city, Egypt, Society of Exploration Geophysicists (SEG) Annual Meeting, 21-26 October 2016, Dallas, TEXAS., 10, (2016)
- R. Sawires, and Peláez, J.A., Probabilistic seismic hazard assessment in Egypt, The Ninth Spanish-Portuguese Assembly of Geodesy and Geophysics, Madrid, Spain, NULL, 28-30 June (2016)
- R. Sawires, and Peláez, J.A., The Egyptian building code: Recommended modifications for the representation of the earthquake action based on up-to-date seismic hazard assessment, The Fifth International Conference for Young Scientists in Basic and Applied Sciences, Assiut, Egypt, 29 October – 1 November (2016)
- R. Sawires, J. A. Peláez, H. A. Ibrahim, R. E. Fat-Helbary, J. Henares, M. Hamdache, Delineation and characterization of a new seismic source model for seismic hazard studies in Egypt, Natural Hazards, Vol. 80, PP. 1823-1864, (2016)
- R. Sawires, J. A. Peláez, R. E. Fat-Helbary, H. A. Ibrahim, An earthquake catalogue (2200 B.C. to 2013) for seismotectonic and seismic hazard assessment studies in

- Egypt, S. D'Amico (ed.), Earthquakes and Their Impact on Society, Springer Natural Hazards, NULL, PP. 97-136, (2016)
- R. Sawires, Peláez, J.A., and Fat-Helbary, R.E., The Egyptian building code: Recommended modifications for the input seismic hazard parameters, The Arab Conference for Astronomy and Geophysics, 17-20 October 2016, Cairo, EGYPT, 10, (2016)
- R. Sawires, Peláez, J.A., Fat-Helbary, R.E., and Ibrahim, H.A., Updated Probabilistic Seismic-Hazard Values for Egypt, Bulletin of the Seismological Society of America, 106, NULL, 8, (2016)
- R. Sawires, Peláez, J.A., Fat-Helbary, R.E., and Ibrahim, H.A., Up-to-date Probabilistic Seismic-Hazard Assessment for Egypt, The Ninth International Symposium on Geophysics (ISG-9), Tanta, EGYPT, 21-22 November (2016)
- R. Sawires, Peláez, J.A., Fat-Helbary, R.E., Ibrahim, H.A., Panzera, F., and Hamdache, M., Probabilistic seismic hazard deaggregation for selected Egyptian cities., The First General Assembly of the African Seismological Commission, 2-5 April 2016, Luxor-Aswan, EGYPT, NULL, 4 (2016)
- S. S. Tahoun and Amr S. Deaf, Could the conventionally known Abu Roash "G" reservoir (upper Cenomanian) be a promising active hydrocarbon source in the extreme northwestern part of Egypt? Palynofacies, palaeoenvironmental, and organic geochemical answers, Marine and Petroleum Geology, Vol. 76, PP. 231-245, (2016)
- M.-P. Aubry, C. Dupuis, W. A. Berggren, H. Ghaly, D. Ward, C. King, R. W. O'B. Knox, Kh. Ouda, and M. Youssef, The role of geoarchaeology in the preservation and management of the Theban Necropolis, West Bank, Egypt.

- Proceedings of the Yorkshire Geological Society
doi:10.1144/pygs 2016-366 | vol. 61, pp. 134–147 (2016)
- Kh. Ouda, W. A. Berggren and A. Abdel Sabour, Biostratigraphy of the Upper Paleocene- Lower Eocene succession of Gebel El Aguz, northeastern Kharga Oasis, Western Desert, Egypt *Revue de Paleobiologie*, vol.35 (1), pp. 341-371, (2016)
- S. Saber, J. JW. Sertich, H. M. Sallam, Kh. Ouda, and O’connor P. M., Enigmatic crocodyliform remains from the Upper Cretaceous Quseir Formation of Dakhla Oasis, Western Desert, Egypt. Conference SVP (Society of Vertebrate Paleontology), Salt Lake City, 26-29 October, 2016, Poster IV, p.2. (2016)
- R. Sawires, J. A. Peláez, R. E. Fat-Helbary, F. Panzera, H. A. Ibrahim and M. Hamdache, Probabilistic Seismic Hazard Deaggregation for Selected Egyptian Cities, *Pure and Applied Geophysics*, 2, (2017)