

**List of published paper for the year 1437-38
Between September 2016 to August 2017**

1. Abdelfadil, K.M., Asimow, P.D., Azer, M.K. and Gahlan, H.A., 2016. Genesis and petrology of Late Neoproterozoic pegmatites and aplites associated with the Taba metamorphic complex in southern Sinai, Egypt. *Geologica Acta: an international earth science journal*, 14(3).
2. Abdelfattah, A.K., Mogren, S. and Mukhopadhyay, M., 2017. Mapping b-value for 2009 Harrat Lunayyir earthquake swarm, western Saudi Arabia and Coulomb stress for its mainshock. *Journal of Volcanology and Geothermal Research*, 330, pp.14-23.
3. Abdelfattah, A.K., Al-Amri, A., Abd el-aal, A., Zaidi, F.K., Fnais, M., Almadani, S. and Al-Arifi, N., 2017. The 23 January 2014 Jizan earthquake and its tectonic implications in southwestern Saudi Arabia. *Tectonophysics*. 712-713, 494-502.
4. Al-Amri, Y.A. and Kassem, O.M., 2017. The Effect of finite strain and deformation history of HALABAN area, eastern Arabian shield, Saudi Arabia. *Arabian Journal of Geosciences*, 10(2), p.32.
5. Alfaifi, H.J., Abdelfatah, M.S., Abdelrahman, K., Zaidi, F.K., Ibrahim, E. and Alarifi, N.S., 2017. Groundwater management scenarios for the Biyahd-Wasia aquifer systems in the eastern part of Riyadh region, Saudi Arabia. *Journal of the Geological Society of India*, 89(6), pp.669-674.
6. Alharbi, O.A., Loni, O.A. and Zaidi, F.K., 2017. Hydrochemical assessment of groundwater from shallow aquifers in parts of Wadi Al Hamad, Madinah, Saudi Arabia. *Arabian Journal of Geosciences*, 10(2), 35.
7. Alharbi, T. and El-Sorogy, A., 2017. Assessment of metal contamination in coastal sediments of Al-Khobar area, Arabian Gulf, Saudi Arabia. *Journal of African Earth Sciences*, 129, 458-468.
8. Alharbi, T., Alfaifi, H. and El-Sorogy, A., 2017. Metal pollution in Al-Khobar seawater, Arabian Gulf, Saudi Arabia. *Marine Pollution Bulletin*, 119(1), 407-415.
9. Almadani, S., Alfaifi, H., Al-Amri, A., Fnais, M., Ibrahim, E., Abdelrahman, K., Shehata, M. and Zaidi, F., 2017. Hydrochemical characteristics and evaluation of the granite aquifer in the Alwadeen area, southwest Saudi Arabia. *Arabian Journal of Geosciences*, 10(6), p.139.
10. Al-Saleh, A.M., 2017. Enhancement of stream-sediment dispersion trails using R-mode factor analysis: an example from Wadi Kamal layered complex, NW Arabian Shield. *Geochemistry: Exploration, Environment, Analysis*, 17(4), 345-355.
11. Altun, I., Al Arifi, N., Jleli, M., Lashin, A. and Samet, B., 2016. A New Approach for the Approximations of Solutions to a Common Fixed Point Problem in Metric Fixed Point Theory. *Journal of Function Spaces*, 2016.
12. Altun, I., Al Arifi, N., Jleli, M., Lashin, A. and Samet, B., 2017. A Fixed Point Theorem for JS-contraction Type Mappings with Applications to Polynomial Approximations. *Filomat*, 31(15).
13. Altun, I., Al Arifi, N., Jleli, M., Lashin, A. and Samet, B., 2016. A new concept of (α, F_d) -contraction on quasi metric space. *J. Nonlinear Sci. Appl*, 9, pp.3354-3361.
14. Altun, I., Al Arifi, N., Jleli, M., Lashin, A., & Samet, B. (2016). Feng-Liu type fixed point results for multivalued mappings on JS-metric spaces. *Journal of Nonlinear Sciences & Applications (JNSA)*, 9(6).

15. Anbazhagan, P., Bajaj, K., Dutta, N., Moustafa, S.S. and Al-Arifi, N.S., 2017. Region-specific deterministic and probabilistic seismic hazard analysis of Kanpur city. *Journal of Earth System Science*, 126(1), p.12.
16. Azer, M.K., Obeid, M.A. and Gahlan, H.A., 2016. Late Neoproterozoic layered mafic intrusion of arc-affinity in the Arabian-Nubian Shield: A case study from the Shahira layered mafic intrusion, southern Sinai, Egypt. *Geologica Acta: an international earth science journal*, 14(3).
17. Belkacim, S., Gasquet, D., Liégeois, J.P., Arai, S., Gahlan, H.A., Ahmed, H., Ishida, Y. and Ikenne, M., 2017. The Ediacaran volcanic rocks and associated mafic dykes of the Ouarzazate Group (Anti-Atlas, Morocco): Clinopyroxene composition, whole-rock geochemistry and Sr-Nd isotopes constraints from the Ouzellarh-Siroua salient (Tifnoute valley). *Journal of African Earth Sciences*, 127, pp.113-135.
18. Chandrasekharam, D., Lashin, A. and Al Arifi, N., 2016. The potential contribution of geothermal energy to electricity supply in Saudi Arabia. *International Journal of Sustainable Energy*, 35(9), pp.824-833.
19. Chandrasekharam, D., Lashin, A., Al Arifi, N., Al Bassam, A. and Varun, C., 2017. Desalination of Seawater using Geothermal Energy to Meet Future Fresh Water Demand of Saudi Arabia. *Water Resources Management*, 31(3), pp.781-792.
20. Chanouan, L., Ikenne, M., Gahlan, H.A., Arai, S. and Youbi, N., 2017. Petrological characteristics of mantle xenoliths from the Azrou-Timahdite quaternary basalts, middle atlas, Morocco: A mineral chemistry perspective. *Journal of African Earth Sciences*, 127, pp.235-252.
21. Dal Moro, G., Al-Arifi, N.S. and Moustafa, S.S., 2016. Analysis of Rayleigh-Wave Particle Motion from Active Seismics. *Bulletin of the Seismological Society of America*.
22. Dal Moro, G., Keller, L., Al-Arifi, N.S. and Moustafa, S.S.R., 2016. Shear-wave velocity profiling according to three alternative approaches: A comparative case study. *Journal of Applied Geophysics*, 134, pp.112-124.
23. El-Asmar, H.M., Taha, M.M. and El-Sorogy, A.S., 2016. Morphodynamic changes as an impact of human intervention at the Ras El-Bar-Damietta harbor coast, NW Damietta promontory, Nile Delta, Egypt. *Journal of African Earth Sciences*, 124, pp.323-339.
24. El-Ela, F.F.A., El-Rus, M.A.A., Mohamed, M.A. and Gahlan, H.A., 2017. Cold plutonism in the Arabian–Nubian Shield: evidence from the Abu Diab garnet-bearing leucogranite, central Eastern Desert, Egypt. *Journal of the Geological Society*, 174(6), 1031-1047.
25. El-Rus, M.A., Chazot, G., Vannucci, R., Gahlan, H.A., Boghdady, G.Y. and Paquette, J.L., 2016. Softening of sub-continental lithosphere prior rifting: Evidence from clinopyroxene chemistry in peridotite xenoliths from Natash volcanic province, SE Egypt. *Journal of Volcanology and Geothermal Research*, 327, 84-98.
26. El-Sorogy, A., Abd-Elmoneim, M., Mowafi, A., Al-Kahtany, K. and Gahlan, H., 2017. Facies analysis and biostratigraphy of the Miocene sequence, Cairo-Suez District, Egypt. *Journal of Earth Science*, 28(1), pp.1-8.

27. El-Sorogy, A.S., Galmed, M.A., Al-Kahtany, K. and Al-Zahrani, A., 2017. Microfacies and diagenesis of the Middle Jurassic Dhurma carbonates, southwest Riyadh, Saudi Arabia. *Journal of African Earth Sciences*.
28. El-Sorogy, A.S., Ismail, A., Youssef, M. and Nour, H., 2016. Facies development and paleoenvironment of the Hajajah Limestone Member, Aruma Formation, central Saudi Arabia. *Journal of African Earth Sciences*, 124, pp.355-364.
29. El-Sorogy, A.S., Nour, H. 2017. On the occurrence of Campanian rudist biostrome, Aruma Formation, Central Saudi Arabia. *Indian Journal of Geo-Marine Science*, 46 (4), 780-784.
30. El-Sorogy, A.S., Youssef, M. and Al-Kahtany, K., 2016. Integrated assessment of the Tarut Island coast, Arabian Gulf, Saudi Arabia. *Environmental Earth Sciences*, 75(19), p.1336.
31. Farouk, S., Elamri, Z. and El-Sorogy, A., 2016. Thanetian transgressive-regressive sequences based on foraminiferal paleobathymetry at Gebel Matulla, west-central Sinai, Egypt. *Journal of African Earth Sciences*, 121, pp.210-218.
32. Fnais, M., Ibrahim, E., El-Motaal, E.A., Abdelrahman, K., Al-Heniedi, A. and Al-Kahtany, K., 2016. Structural development of northwest Saudi Arabia using aeromagnetic and seismological data. *Journal of Earth Science*, 27(6), pp.998-1007.
33. Gahlan, H., Azer, M., Asimow, P. and Al-Kahtany, K., 2016. Late Ediacaran post-collisional A-type syenites with shoshonitic affinities, northern Arabian-Nubian Shield: a possible mantle-derived A-type magma. *Arabian Journal of Geosciences*, 9(12), p.603.
34. Gahlan, H.A., Obeid, M.A., Azer, M.K. and Asimow, P.D., 2017. An example of post-collisional appinitic magmatism with an arc-like signature: the Wadi Nasb mafic intrusion, north Arabian–Nubian Shield, south Sinai, Egypt. *International Geology Review*, pp.1-24.
35. Gök, R., Kaviani, A., Matzel, E.M., Pasyanos, M.E., Mayeda, K., Yetirmishli, G., El-Hussain, I., Al-Amri, A., Al-Jeri, F., Godoladze, T. and Kalafat, D., 2016. Moment magnitudes of local/regional events from 1D coda calibrations in the broader Middle East region. *Bulletin of the Seismological Society of America*, 106(5), pp.1926-1938.
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37. Kaban, M.K., Stolk, W., Tesauro, M., El Khrepy, S., Al-Arifi, N., Beekman, F. and Cloetingh, S.A., 2016. 3D density model of the upper mantle of Asia based on inversion of gravity and seismic tomography data. *Geochemistry, Geophysics, Geosystems*, 17(11), pp.4457-4477.
38. Kassem, O.M., Almutairi, A.L., Al Bassam, A.A.M. and Al Faifi, H.J., 2016. Relationship between finite strain and tectonic setting in the Ar-Ruwaydah area, eastern Arabian Shield, Saudi Arabia. *Arabian Journal of Geosciences*, 9(19), p.728.
39. Kassem, O.M., Almutairi, A.L., Al Bassam, A.A.M. and Al Faifi, H.J., 2016. Relationship between finite strain and tectonic setting in the Ar-Ruwaydah area,

- eastern Arabian Shield, Saudi Arabia. *Arabian Journal of Geosciences*, 9(19), p.728.
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 42. Khater, A.E., Galmed, M.A., Nasr, M.M. and El-Taher, A., 2016. Uranium and rare earth elements in Hazm El-Jalamid phosphate, Saudi Arabia: concentrations and geochemical patterns comparison. *Environmental Earth Sciences*, 75(18), p.1261.
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 45. Nazzal, Y., Howari, F.M., Ghrefat, H. and Kishawy, H.A., 2017. Use of Remote Sensing Data in Assessment Land Cover Changes, Land Use Patterns and Land Capabilities in Al-Qassim Region, Saudi Arabia. *International Journal of Ecology & Development™*, 32(3), pp.12-26.
 46. Nour, H.E. and El-Sorogy, A.S., 2017. Distribution and enrichment of heavy metals in Sabratha coastal sediments, Mediterranean Sea, Libya. *Journal of African Earth Sciences*, 134, pp.222-229.
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52. Tawfik, A.M., Guanzheng, T.A.N., Hafez, A.G., Al-Amri, A., Alarif, N. and Abdelrahman, K., 2016. Automatic identification of fake patterns caused by short-width wavelets in seismic data. *Arabian Journal of Geosciences*, 9(11), p.580.
53. TAWFIK, M., EL-SOROgy, A.S. and MOUSSA, M., 2017. Relationships between sequence stratigraphy and diagenesis of corals and foraminifers in the Middle Eocene, northern Egypt. *Turkish Journal of Earth Sciences*, 26(2), pp.147-169.
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55. Youssef, M., Ismail, A. and El-Sorogy, A., 2017. Paleocology and paleobiogeography of Paleocene ostracods in Dineigil area, South Western Desert, Egypt. *Journal of African Earth Sciences*, 131, pp.62-70.
56. Youssef, M., Madkour, H., Mansour, A., Alharbi, W. and El-Taher, A., 2017. Invertebrate shells (mollusca, foraminifera) as pollution indicators, Red Sea Coast, Egypt. *Journal of African Earth Sciences*, 133, pp.74-85.
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