

**List of published paper for the year 1439-40
Between September 2018 to August 2019**

1. Abdelfattah, A.K., Almadani, S., Fnais, M., Alfaifi, H.J., Al-Arifi, N., Al-amri, A., Al-Qadasi, B. and de Lorenzo, S., 2019. Rupture characteristics of a small-sized earthquake (MW 4.2), onshore the south Red Sea, Saudi Arabia. *Journal of African Earth Sciences*, 151, pp.315-323. GEO/GPY
2. Abdelfattah, A.K., de Lorenzo, S., Almadani, S., Fnais, M., Alfaifi, H. and Al-Arifi, N., 2019. Another look at the 2009 seismic activity, Harrat Lunayyir, Saudi Arabia. *Journal of Seismology*, pp.1-18. <https://doi.org/10.1007/s10950-019-09835-0> GEO/GPY
3. Alarifi, S.S., Kellogg, J.N. and Ibrahim, E., 2019. Gravity, aeromagnetic and electromagnetic study of the gold and pyrite mineralized zones in the Haile Mine area, Kershaw, South Carolina. *Journal of Applied Geophysics*, 164, pp.117-129. GPY
4. Alfaifi, H., Kahal, A., Albassam, A., Ibrahim, E., Abdelrahman, K., Zaidi, F. and Alhumidan, S., 2019. Integrated geophysical and hydrochemical investigations for seawater intrusion: a case study in southwestern Saudi Arabia. *Arabian Journal of Geosciences*, 12(12), p.372. GEO/GPY
5. Alharbi, T. and El-Sorogy, A., 2019. Assessment of seawater pollution of the Al-Khafji coastal area, Arabian Gulf, Saudi Arabia. *Environmental monitoring and assessment*, 191(6), p.383. GEO
6. Alharbi, T.G. and Zaidi, F.K., 2018. Hydrochemical classification and multivariate statistical analysis of groundwater from Wadi Sahba area in central Saudi Arabia. *Arabian Journal of Geosciences*, 11(20), p.643. GEO
7. Al-Johi, A., Ibrahim, E., Al Faifi, H.J., Kinawy, M.M., Al Arifi, N.S. and Lashin, A., 2019. Investigating deep geological reservoirs using seismic reflection and well logs, Tawila oil field, Yemen: Implications for structural setting and reservoir properties. *Journal of Petroleum Science and Engineering*, 176, pp.1018-1040. GEO/GPY
8. Almadani, S., Ibrahim, E., Al-Amri, A., Fnais, M. and Abdelrahman, K., 2019. Delineation of a fractured granite aquifer in the Alwadeen area, Southwest Saudi Arabia using a geoelectrical resistivity survey. *Arabian Journal of Geosciences*, 12(15), p.449. GPY
9. Almutairi, Y.A., ElAraby, H.M., Ghrefat, H.A. and Alotaibi, A.M., 2019. Mapping lateritic bauxite at Az Zabirah, Saudi Arabia, using ground-penetrating radar exploration method. *Arabian Journal of Geosciences*, 12(11), p.347. GEO
10. Amarah, B.A.A., Nabawy, B.S., Shehata, A.M., Kassem, O.M. and Ghrefat, H., 2019. Integrated geological and petrophysical characterization of oligocene deep marine unconventional poor to tight sandstone gas reservoir. *Marine and Petroleum Geology*. GEO
11. El-Sorogy, A.S., Alharbi, T., Almadani, S. and Al-Hashim, M., 2019. Molluscan assemblage as pollution indicators in Al-Khobar coastal plain, Arabian Gulf, Saudi Arabia. *Journal of African Earth Sciences*, 158, p.103564. GEO/GPY

12. Farouk, S., Al-Kahtany, K., El-Sorogy, A. and El-Motaal, E.A., 2018. High-frequency cycles and sequence stratigraphy of the lower Jurassic Marrat Formation, central Saudi Arabia. *Marine and Petroleum Geology*, 98, pp.369-383. GEO
13. Farouk, S., Askalany, M., Ahmad, F., Youssef, M., Taha, S. and El-Sorogy, A., 2019. Micropalaeontological and isotopic analyses of the middle Palaeocene succession at Gebel Nezzi (Luxor, Egypt): Implications for eustatic changes. *Geological Journal*, 54(3), pp.1435-1453. GEO
14. Gubran, M., Ghrefat, H., Zaidi, F. and Shehata, M., 2019. Integration of hydrochemical, GIS, and remote-sensing data for assessment of shallow groundwater aquifers in Wadi Nisah, Central Saudi Arabia. *Environmental earth sciences*, 78(5), p.161. GEO
15. Hakimi, M.H., Ismail, I.M., Lashin, A.A. and Ibrahim, E.K.H., 2019. Physical and geochemical properties of crude oils in relation to their source rocks, Alif field, Marib Sub-basin, Yemen. *Petroleum Science and Technology*, 37(8), pp.899-906. GPY
16. Ibrahim, E., Ghazala, H., Elawadi, E., Alfaifi, H. and Abdelrahman, K., 2019. Structural depocenters control the Nubian sandstone aquifer, Southwestern Desert, Egypt: inferences from aeromagnetic data. *Arabian Journal of Geosciences*, 12(11), p.335. GEO/GPY
17. Kahal, A.Y., El-Motaal, E.A., Kassem, O.M. and Al Ghoreiby, A.H., 2019. Strain analysis and deformation history of Zalm area, Arabian shield, Saudi Arabia. *Journal of African Earth Sciences*, 150, pp.441-450. GEO
18. Kahal, A.Y., El-Sorogy, A.S., Alfaifi, H.J., Almadani, S. and Ghrefat, H.A., 2018. Spatial distribution and ecological risk assessment of the coastal surface sediments from the Red Sea, northwest Saudi Arabia. *Marine pollution bulletin*, 137, pp.198-208. GEO/GPY
19. Kahal, A.Y., El-Sorogy, A.S., Alfaifi, H.J., Almadani, S. and Kassem, O.M., 2019. Biofacies and diagenetic alterations of the Pleistocene coral reefs, northwest Red Sea coast, Saudi Arabia. *Geological Journal*. <https://doi.org/10.1002/gj.3503> GEO/GPY
20. Masilamani, V., Alarif, N., Farooq, W.A., Atif, M., Ramay, S., Althobaiti, H.S., Anwar, S., Elkhedr, I., AlSalhi, M.S. and Abuamarah, B.A., 2019. Physical Characteristics of the Massive Meteorite of Saudi Empty Quarter. In *Petrogenesis and Exploration of the Earth's Interior* (pp. 75-78). Springer, Cham. GEO/GPY
21. Masoud, M.H., Basahi, J.M. and Zaidi, F.K., 2019. Assessment of artificial groundwater recharge potential through estimation of permeability values from infiltration and aquifer tests in unconsolidated alluvial formations in coastal areas. *Environmental monitoring and assessment*, 191(1), p.31. GEO
22. Nahali, A., Gabtni, H. and Jallouli, C., 2019. Lithospheric Structure Along a Transect from Red Sea to Arabian Shield Using a Potential Data (Gravity and Aeromagnetic Data). In *On Significant Applications of Geophysical Methods* (pp. 33-38). Springer, Cham. GPY
23. Nour, H.E., El-Sorogy, A.S., El-Wahab, M.A., Nouh, E.S., Mohamaden, M. and Al-Kahtany, K., 2019. Contamination and ecological risk assessment of heavy metals pollution

- from the Shalateen coastal sediments, Red Sea, Egypt. *Marine pollution bulletin*, 144, pp.167-172. GEO
24. Özer, S., El-Sorogy, A.S., Al-Dabbagh, M.E. and Al-Kahtany, K., 2019. Campanian–Maastrichtian unconformities and rudist diagenesis, Aruma Formation, central Saudi Arabia. *Arabian Journal of Geosciences*, 12(2), p.34. GEO
 25. Rabii, F., Jallouli, C., Mickus, K., Soumaya, A., Rebai, N. and Ayed, N.B., 2018. New insights on structures and active faults in northeastern Tunisia (Utica-Mateur region) from a gravity analysis: Geodynamic implications. *Journal of African Earth Sciences*, 147, pp.54-67. GPY
 26. Saibi, H., Mogren, S., Mukhopadhyay, M. and Ibrahim, E., 2019. Subsurface imaging of the Harrat Lunayyir 2007–2009 earthquake swarm zone, western Saudi Arabia, using potential field methods. *Journal of Asian Earth Sciences*, 169, pp.79-92. GPY
 27. Saleem Aldossari, M., Fares, G. and Ghrefat, H.A., 2019. Estimation of Pozzolanic Activity of Scoria Rocks Using ASTER Remote Sensing. *Journal of Materials in Civil Engineering*, 31(7), p.04019100. GEO
 28. Zaidi, F.K., Salman, A., Hag-Elsafi, S. and Alfaifi, H.J., 2019. Assessment of hydrological processes operating in a multi-layered sedimentary aquifer system in Saudi Arabia using integrated chemical and statistical approach. *Environmental Monitoring and Assessment*, 191(7), p.460. GEO
 29. Azer, M.K., Gahlan, H.A., Asimow, P.D. and Al-Kahtany, K.M., 2019. The common origin and alteration history of the hypabyssal and volcanic phases of the Wadi Tarr albitite complex, southern Sinai, Egypt. *Lithos*, 324, pp.821-841. GEO
 30. Azer, M.K., Gahlan, H.A., Asimow, P.D., Mubarak, H.S. and Al-Kahtany, K.M., 2019. Multiple Stages of Carbonation and Element Redistribution during Formation of Ultramafic-Hosted Magnesite in Neoproterozoic Ophiolites of the Arabian-Nubian Shield, Egypt. *The Journal of Geology*, 127(1), pp.81-107. GEO
 31. El-Sorogy, A.S., Youssef, M. and Al-Malky, M., 2019. Late Pleistocene reef fauna from the Red Sea coast, Northwest Saudi Arabia. *Historical Biology*, pp.1-14. GEO