

**List of published paper for the year 1438-39
Between September 2017 to August 2018**

1. Ahmed, I., Nazzal, Y. and **Zaidi, F.**, 2017. Groundwater pollution risk mapping using modified DRASTIC model in parts of Hail region of Saudi Arabia. *Environmental Engineering Research*, 23(1), pp.84-91. Q3
2. **Alharbi, T., Alfaifi, H., Almadani, S., El-Sorogy, A.S.**, 2017. Spatial distribution and metal contamination in the coastal sediments of Al-Khafji area, Arabian Gulf, Saudi Arabia. *Environ Monit Assess* 189:634, DOI: 10.1007/s10661-017-6352-1. Q3
3. **Ali Y. Kahal, Essam Abd El-Motaal, Osama M. K. Kassem**, Abed H. R. Al Ghoreiby 2018: STRAIN ANALYSIS AND DEFORMATION HISTORY OF ZALM AREA, ARABIAN SHIELD, SAUDI ARABIA. *Journal of African Earth Science*, Accepted. (Q3)
4. Al-Kahtany, K, **El-Sorogy, A.S.**, Al-Kahtany, F., **Youssef, M.**, 2018. Heavy metals in mangrove sediments of the central Arabian Gulf shoreline, Saudi Arabia. *Arabian Journal of Geosciences*, 11:155. Q4
5. **Almadani, S., Ibrahim, E., Hafez, M., Alfaifi, H., Alharbi, T., Abdelrahman, K. and Abdel-Motaal, E.**, 2018. Geotechnical investigation of the El-Elb dam site, northwest Riyadh, Saudi Arabia, using 2D resistivity and ground-penetrating radar techniques. *Arabian Journal of Geosciences*, 11(2), p.33. Q4
6. Anbazhagan, P., Prabhakaran, A., Madhura, H., Moustafa, S.S. and **Al-Arifi, N.S.**, 2017. Selection of representative shear modulus reduction and damping curves for rock, gravel and sand sites from the KiK-Net downhole array. *Natural Hazards*, 88(3), pp.1741-1768. Q3
7. Azer, M.K., **Gahlan, H.A.**, Asimow, P.D. and Alfaifi, H.J., 2018. Prehnite as an indicator mineral in the Wadi Nasb uralitized gabbro, South Sinai, Egypt. *Journal of Asian Earth Sciences*, 160, pp.107-117. Q2
8. Azer, M.K., **Gahlan, H.A.**, Asimow, P.D. and Al-Kahtany, K.M., 2017. The late Neoproterozoic Dahanib mafic-ultramafic intrusion, South eastern Desert, Egypt: Is it an Alaskan-type or a layered intrusion? *American Journal of Science*, 317(8), pp.901-940. Q1
9. Chandrasekharam, D., Lashin, A., **Al Arifi, N., Al-Bassam, A.** and Chandrasekhar, V., 2018. Water resource management using geothermal energy: Eritrea. *Arabian Journal of Geosciences*, 11(17), p.523. Q4
10. Dal Moro, G., Moustafa, S.S. and **Al-Arifi, N.S.**, 2018. Improved Holistic Analysis of Rayleigh Waves for Single-and Multi-Offset Data: Joint Inversion of Rayleigh-Wave Particle Motion and Vertical-and Radial-Component Velocity Spectra. *Pure and Applied Geophysics*, 175(1), pp.67-88. Q3
11. 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*, pp. jgs2016-133. Q2

12. **El-Sorogy, A.** and 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. Q4
13. **El-Sorogy, A.S., Alharbi, T.,** Richiano, S. 2018. Bioerosion structures in high-salinity marine environments: A case study from the Al-Khafji coastline, Saudi Arabia. *Estuarine, Coastal and Shelf Science* 204: 264-272. Q1
14. **El-Sorogy, A.S.,** Al-Kahtany, K., **Almadani, S.,** Tawfik, M. (2018). Depositional architecture and sequence stratigraphy of the Upper Jurassic Hanifa Formation, central Saudi Arabia. *Journal of African Earth Sciences* 139: 367-378. Q3
15. **El-Sorogy, A.S.,** Al-Kahtany, K., **Youssef, M.,** Al-Kahtany, F., Al-Malky, M. (2018). Distribution and metal contamination in the coastal sediments of Dammam Al-Jubail area, Arabian Gulf, Saudi Arabia. *Marine Pollution Bulletin* 128 (2018) 8–16. Q2
16. **El-Sorogy, A.S.,** Gameil, M., Youssef, M. and Al-Kahtany, K.M., 2017. Stratigraphy and macrofauna of the Lower Jurassic (Toarcian) Marrat Formation, central Saudi Arabia. *Journal of African Earth Sciences*, 134, pp.476-492. Q3
17. Farouk, Sh., Al-Kahtany, Kh., **El-Sorogy, A.S., Abd El-Motaal, E.** (2018). High-frequency cycles and sequence stratigraphy of the lower Jurassic Marrat Formation, central Saudi Arabia. *Marine and Petroleum Geology* 98, 369–383. Q1
18. Farouk, Sh., Askalany, M. Ahmad, F., **Youssef, M.** Taha, S., **El-Sorogy, A.S.** (2018). Micropalaeontological and isotopic analyses of the middle Palaeocene succession at Gebel Nezzi (Luxor, Egypt): Implications for eustatic changes. *Geological Journal*, 1–19. Q3
19. **Gahlan, H. and Ghrefat, H.,** 2018. Detection of Gossan Zones in Arid Regions Using Landsat 8 OLI Data: Implication for Mineral Exploration in the Eastern Arabian Shield, Saudi Arabia. *Natural Resources Research*, 27(1), pp.109-124. Q2
20. **Gahlan, H.A.,** Azer, M.K. and Asimow, P.D., 2018. On the relative timing of listwaenite formation and chromian spinel equilibration in serpentinites. *American Mineralogist: Journal of Earth and Planetary Materials*, 103(7), pp.1087-1102. Q2
21. **Gahlan, H.A.,** Obeid, M.A., Azer, M.K. and Asimow, P.D., 2018. 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*, 60(7), pp.865-888. Q1
22. Gaieb, S. and **Jallouli, C.,** 2017. New overview of the neotectonic and seismotectonic studies in Tunisian domains. *Arabian Journal of Geosciences*, 10(22), p.506. Q4
23. Gameil, M., **El-Sorogy, A.S.,** Al-Kahtany, Kh. (2018) Solitary corals of the Campanian Hajajah Limestone Member, Aruma Formation, Central Saudi Arabia. *Historical Biology*, DOI: 10.1080/08912963.2018.1461217. Q3
24. **Ghrefat, H.A.,** Al Zahrani, A.A. and **Galmed, M.A.,** 2018. Mapping Oolitic Iron Ore Deposits in the Ashumaysi Formation, Western Saudi Arabia, Using Different Remote Sensing Techniques Applied to Landsat 7 Enhanced Thematic Mapper Plus Data (ETM+). *Journal of the Indian Society of Remote Sensing*, 46 (9), pp 1399–1411. Q4

25. Hakim Saibi, **Saad Mogren**, Manoj Mukhopadhyay, **Elkhedr Ibrahim** (2018): Saibi, H., Mogren, S., Mukhopadhyay, M. and Ibrahim, E., 2018. Subsurface imaging of the Harrat Lunayyir 2007–2009 earthquake swarm zone, western Saudi Arabia, using potential field methods. *Journal of Asian Earth Sciences*, <https://doi.org/10.1016/j.jseaes.2018.07.024>. Q3
26. Jafri, M.K., Lashin, A., Ibrahim, E.K.H., **Hassanein, K.A., Al Arifi, N.** and Naeem, M., 2017. Improved reservoir characterisation using fuzzy logic platform: an integrated petrophysical, seismic structural and poststack inversion study. *Exploration Geophysics*, 48(4), pp.430-448. Q4
27. Kaban, M.K., El Khrepy, S. and **Al-Arifi, N.**, 2018. Density structure and isostasy of the lithosphere in Egypt and their relation to seismicity. *Solid Earth*, 9(4), pp.833-846. Q1
28. Kaban, M.K., Petrunin, A.G., El Khrepy, S. and **Al-Arifi, N.**, 2017. Diverse Continental Subduction Scenarios Along the Arabia-Eurasia Collision Zone. *Geophysical Research Letters*. Volume: 45 Issue: 14 Pages: 6898-6906. Q1
29. **Kassem, O. M. K.** and Zakaria Hamimi 2018: Finite strain analysis of Fatima Shear Zone in Western Arabia. *Geotectonics*, 52 (2), pp 251–265. (Q3)
30. **Kassem, O. M. K., & Al-Saleh A. M.**, 2018: Vorticity analysis and Deformation history of the Mizil Gneiss Dome, Eastern Arabian Shield, Saudi Arabia. *Geotectonics*, 52 (3), pp. 346–358. (Q3)
31. Kuznetsov, P.Y., Koulakov, I., Jakovlev, A., Abkadyrov, I., Deev, E., Gordeev, E.I., Senyukov, S., El Khrepy, S. and **Al Arifi, N.**, 2017. Structure of volatile conduits beneath gorely volcano (Kamchatka) revealed by local earthquake tomography. *Geosciences*, 7(4), p.111.
32. **Mogren, S.**, Saibi, H., Mukhopadhyay, M., Gottsmann, J. and **Ibrahim, E.K.H.**, 2017. Analyze the spatial distribution of lava flows in Al-Ays Volcanic Area, Saudi Arabia, using remote sensing. *Arabian Journal of Geosciences*, 10(6), p.133. Q4
33. Nazzal, Y., Howari, F.M. and **Al-Arifi, N.S.**, 2017. Investigating hydrochemistry and the groundwater quality to Tabuk, Jauf and Hail Regions, Saudi Arabia from the prospects of its suitability for agricultural, using Descriptive statistics. *International Journal of Applied Mathematics and Statistics™*, 57(1), pp.218-228.
34. 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.
35. Nour, H.E., **El-Sorogy, A.S.**, Abdel-Wahab, M., **Almadani, S., Alfaifi, H.** and Youssef, M., 2018. Assessment of sediment quality using different pollution indicators and statistical analyses, Hurghada area, Red Sea coast, Egypt. *Marine Pollution Bulletin*, 133, pp.808-813. Q2
36. 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*. Q3

37. Salman, A.S., Al Dosari, A., **Zaidi, F.K.** and Loni, O.A., 2017. Environmental assessment of soil, groundwater, and surface water quality in the south of the Riyadh, Saudi Arabia. *Arabian Journal of Geosciences*, 10(22), p.490. Q4
38. Yahya, M.M., Hakimi, M.H., **Galmed, M.A.**, El-Sabrouty, M.N. and Ibrahim, Y.K., 2018. Paleoenvironmental and paleoclimatic conditions during the deposition of the bauxite layer (Upper Cretaceous) using multi-proxy geochemical and palynological analyses, in the Zabirah Area, Northern Saudi Arabia. *Arabian Journal of Geosciences*, 11(2), p.15. Q4
39. **Youssef, M., El-Sorogy, A.S.** (3018) Agglutinated foraminifera from the Campanian-Maastrichtian Kiseiba Formation in the Kurkur area, Egypt. *Arabian Journal of Geosciences*, 11:171. Q4

