

List of Publications (Dr. Saif ur Rehman)

- (2020). Contribution to the comparative study of treated and untreated wastewater: a case study (Wadi Fatima and Al Misk Lake) in Saudi Arabia. *Arabian Journal of Geosciences* (Impact Factor).
- (2020). Composition of middle-late Eocene salt lakes in the Jintan Basin of eastern China: Evidence of marine transgressions. *Marine and Petroleum Geology*. (Impact Factor)
- (2020). Petrogenesis, platinum-group element geochemistry and geodynamic evolution of the Cretaceous Chilas gabbros, Kohistan island arc, NE Pakistan. *Lithos*. (Impact Factor)
- (2020). A critical review on petrogenetic, metallogenic and geodynamic implications of granitic rocks exposed in north and east China: New insights from apatite geochemistry. *Journal of Geodynamics* (Impact Factor)
- (2019). Potential Seismogenic Source Model for the Red Sea and Coastal Areas of Saudi Arabia. *International Journal of Economic and Environmental Geology*, 10(2), 26-31. (HEC recognized Y Category)
- (2019). Gross Depositional Environments of Late Turonian-Maastrichtian Kawagarh Formation from Kalachitta Range, Attock Hazara Fold and Thrust Belt, Pakistan. Submitted to *Carbonates and Evaporites* (Under Review).
- (2019). Groundwater Quality of Sargodha city and its suitability for domestic and irrigation purpose. *Fresenius Environmental Bulletin*, 28(11): 7695-7700. (Impact Factor)
- (2019). The Yudomski event and subsequent decline: new evidence from $\delta^{34}\text{S}$ data of lower and middle Cambrian evaporites in the Tarim Basin, western China. *Carbonates and Evaporites*, 34(3): 1117-1129. (Impact Factor)
- (2019). Sedimentological effect on reservoir quality of Es1 Sandstone (Eocene) of Shahejie Formation of Nanpu sag, East China. *Arabian Journal of Geosciences* (First Online, 22 August, 2019). (Impact Factor)
- (2019). Sedimentology of Marl and Marly Limestone sequence of Upper Cretaceous Kawagarh Formation from Northern Kalachitta Range, Attock Hazara Fold and Thrust Belt, Pakistan. *Open Journal of Geology*, 9(1): 1--14. (Sci. Indexed)
- (2018). Coal Mining Trends, Approaches and Safety Hazards: A brief Review. *Arabian Journal of Geosciences* (First Online, 26th October, 2018). (Impact Factor)
- (2018). Use of Multivariate Statistical Analysis for the Assessment of Groundwater Chemical Variations in Wadi Bani Malik Area, Saudi Arabia. *Global NEST Journal*, 20(2): 355-362. (Impact Factor)
- (2018). Probabilistic Seismic Hazard Assessment and Sensitivity Analyses for Bahrah Area, Saudi Arabia. *BURJES*, 3(1):23-30. (HEC Non-recognized)

- (2018). Assessing Groundwater Quality with special reference to human, agriculture and industrial in Sargodha, Punjab, Pakistan. *Journal of Biodiversity and Environmental Sciences*, 12(5): 26-56. (Sci. Indexed)
- (2018). MASW Survey with fixed Receiver Geometry and CMP Cross-Correlation Technique for data processing: A case study of Wadi Fatima, Western Saudi Arabia. *Open Journal of Geology*, 8, 463-473. (Sci. Indexed)
- (2018). Aggregate Suitability studies of Middle Jurassic Samana Suk Formation exposed at Sheikh Budin Hill, Marwat Range, Pakistan. *Journal of Biodiversity and Environmental Sciences*, 12(3), 159-168. (Sci. Indexed)
- (2017). Physio-chemical analysis of ground water and its impact on public health in Sargodha city, Pakistan. *Journal of Biodiversity and Environmental Sciences*, 11(5): 376-384. (Sci. Indexed)
- (2017). X-ray Diffraction study of Aquamarine from Shigar deposit, Skardu Valley, Northwest Pakistan. *International Journal of Economic and Environmental Geology*, 8(4), 33-40. (HEC recognized Y Category)
- (2017). Sedimentology of Pir Koh Formation exposed at Dholi and Rakhi Gaj, Central Sulaiman Range, Pakistan. *Journal of Biodiversity and Environmental Sciences*, 11(6): 224-234. (Sci. Indexed)
- (2017). X-ray diffraction study of emerald from Mingora and Charbagh deposits, Swat valley, Northwest Pakistan. *Journal of Himalayan Earth Sciences*, 50(1A): 13-24. (HEC recognized X Category)
- (2016). Assessment of ground water quality: A case study in Sargodha city, Pakistan. *Science International (Lahore)*, 28(5): 4715-4721. (HEC recognized Y Category)
- (2016). Anomalous optical variations in the grossular garnet from the Edin Mills, Belvidere Mountain (Vermont, USA). *Arabian Journal of Geosciences*, 9(9): 545. (Impact Factor)
- (2016). Microfacies and Depositional Environments of Upper Cretaceous Kawagarh Formation from Chinali and Thoba, Northeastern Hazara Basin, Lesser Himalayas, Pakistan. *Journal of Himalayan Earth Sciences*, 49(1): 1-16. (HEC recognized X Category)
- (2015). Biostartigraphy and its suggested correlation with Lithostarigraphy in Chidru Formation, Salt Range, Pakistan. *International Journal of Agriculture and Applied Sciences*, 7(1): 37-42. (HEC recognized Z Category)
- (2015). Upper Paleocene large benthic foraminifera- Lockhart limestone from western and central Salt Range, Pakistan. *Science International (Lahore)*, 27(2): 1315-1319. (HEC recognized Y Category)
- (2014). Conjecturing Gross Lithologic Information using Elastic Moduli obsessed by Rock Physics as tool. A case study for Khewra Sandstone, Fortabbas Area, Pakistan. *Energy Sources, Part A*, 36 (16): 1786-1792. (Impact Factor)
- (2013). Spectral and Spatial Image Fusion for Geological Lineament Mapping; A case study of Pail/Padhrar Area in Central Salt Range; District Khushab.

International Journal of Agriculture and Applied Sciences, 5(2): 41-50. (HEC recognized Z Category)

- (2013). Better perceptible and enhanced visualization of seismic profiles for exploration of hydrocarbon using Seismic and synthetic seismogram modeling of Khipro Block, Southern Indus Basin, Sindh Province, Pakistan. *Energy Sources, Part A*, 35(22): 2101-2112. (Impact Factor)
- (2013). Geochemical characterization and Petrogenesis of JAL-NIAT amphibolites, Southeast Kohistan, Pakistan. *Iranian Journal of Science and Technology; Transaction A*, 37(A2): 147-159. (Impact Factor)
- (2013). Subsurface structural Re-construction of Joya Mair structure, Southeast Potwar Sub-Basin, Pakistan. *International Journal of Agriculture and Applied Sciences*, 5(1):17-26. (HEC Non-recognized)
- (2013). Structural Geology of Panoba and Chorlakki area, Northeastern Kohat Plateau, Khyber Pakhtunkhwa, Pakistan. *International Journal of Agriculture and Applied Sciences*, 5(1):41-46. (HEC Non-recognized)
- (2012). Aggregate suitability studies of Limestone outcrops in Dhak Pass, Western Salt Range, Pakistan. *International journal of Agriculture and Applied Sciences*, 4(2):69-75.
- (HEC Non-recognized)(2012).Geochemical characterization and Tectonic Environments of Sumal Amphibolites, Kamila amphibolites unit, Southeast Kohistan, Pakistan. *International journal of Agriculture and Applied Sciences*, 4(2):99-111. (HEC Non-recognized) (2009). Geochemistry and Tectonic Environments of Babusar Amphibolites, Southeast Kohistan, Pakistan. *Geological Bulletin of Punjab University*, 44:105-116. (HEC Non-recognized)