

List of Publications (Dr.Armaghan Faisal)

SELECTED HIGH-IMPACT PUBLICATIONS (Recent)

- Zaidi, S.F., Miraj, M.A.F., Ahsan, N. (2025). Structural Restoration Modeling of Fault Reactivation and Tectonic Inversion. *Geotectonics*.
- Mahmood, T., Ahsan, N., Miraj, M.A.F. (2025). Relative Change in Accommodation Space and Sedimentation Rates. *Carbonates and Evaporites*.
- Miraj, M.A.F. (2024). Numerical Modeling of Cenozoic Basin Inversion of the Western Barents Shelf. *Geotectonics*.
- Mahmood, T., Ahsan, N., Miraj, M.A.F. (2024). Depositional cyclicity of lower Cambrian strata in the NW Himalayas. *Marine and Petroleum Geology*.
- Mahmood, T., Ahsan, N., Miraj, M.A.F., et al. (2023). Permo-Triassic cyclicity during oceanisation of Neo-Tethys. *Marine and Petroleum Geology*.
- Tariq, M. et al., Miraj, M.A.F. (2023). Reservoir characteristics of Datta Formation. *Petroleum Science*.
- Miraj, M.A.F. (2022). Structural Restoration of Cretaceous Inversion Events in the Bjørnøyrenna Fault Complex, Western Barents Shelf. *Geotectonics*.
- Ahsan, N., Miraj, M.A.F. et al. (2021). Paleostress inversion and brittle deformation along MBT. *Journal of Earth System Science*.