

Name: Sheikh Aneaus

E-mail: sheikh.aneaus19@gmail.com

Supervisor: Dr. Irfan Rashid

Co-supervisor (if applicable): TBD

Research Area: Ecosystem dynamics



Research Interests:

I am a PhD student and I am ascertaining the anthropogenic impacts on wetlands across Kashmir valley. I have worked on causes and effects of erosion pertaining to wetland health. I am currently working as a JRF on NMHS sponsored project which aims at quantifying the species distribution in alpine ecosystems and assessing the effect of climate change on their distribution. The aim of my research is to create awareness about ecologically and socioeconomically important wetland ecosystems of Kashmir valley that also store flood waters during high runoff events.

Publications:

- Rashid, I., & **Aneaus, S.** (2019). High-resolution earth observation data for assessing the impact of land system changes on wetland health in Kashmir Himalaya, India. *Arabian journal of Geosciences*, 12(15), 453. doi.org/10.1007/s12517-019-4649-9 (IF: 1.3)
- Dar, S. A., Bhat, S. U., **Aneaus, S.**, & Rashid, I. (2020). A geospatial approach for limnological characterization of Nigeen Lake, Kashmir Himalaya. *Environmental Monitoring and Assessment*, 192(2), 1-18. doi.org/10.1007/s10661-020-8091-y (IF: 1.9)
- Rashid, I., Majeed, U., **Aneaus, S.**, & Pelto, M. (2020). Linking the Recent Glacier Retreat and Depleting Streamflow Patterns with Land System Changes in Kashmir Himalaya, India. *Water*, 12(4), 1168. [DOI: 10.3390/w12041168](https://doi.org/10.3390/w12041168) (IF: 2.2)
- Rashid, I., & Aneaus, S. (2020). Landscape transformation of an urban wetland in Kashmir Himalaya, India using high-resolution remote sensing data, geospatial modeling, and ground observations over the last 5 decades (1965-2018). *Environmental Monitoring and Assessment*, 192(10), 1-14. [DOI: 10.1007/s10661-020-08597-4](https://doi.org/10.1007/s10661-020-08597-4) (IF: 1.9)