

Prohelika Dalal

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Education:

- Bachelor of Science in Geology (Hons.), Jogamaya Devi College, University of Calcutta, Kolkata, West Bengal, 2014 – 2017.
- Master of Science in Geology, Fergusson College, Savitribai Phule Pune University, Pune, Maharashtra, 2017 – 2019.
- Master of Technology in Remote Sensing and GIS with specialization in Geosciences, Indian Institute of Remote Sensing, ISRO, Andhra University, Dehradun, Uttarakhand, 2019 – 2021.
- Doctor of Philosophy (Ph.D.), National Institute of Technology Rourkela, 2021 – Present.

Research Interest:

My research interest involves study of crustal deformations, tectonic movements, earthquakes, landslides, plate motions using GPS, GNSS observations and advanced remote sensing data analysis techniques.

Internship Experience: Training from Atomic Mineral Directorate (DAE, Central Region. Nagpur) for two months, 2018.

Software Knowledge: ArcGIS, QGIS, ERDAS Imagine, ENVI, SARscape, GMTSAR, SNAP, GrADS, Google Earth Engine, ILWIS, Corel Draw.

Publication:

- C. M. Bhatt , Amitesh Gupta , Arijit Roy , **Prohelika Dalal** and Prakash Chauhan,(2021) Geospatial analysis of September, 2019 floods in the lower Gangetic plains of Bihar using multi-temporal satellites and river gauge data, Geomatics, Natural Hazards and Risk, 12:1, 84-102, DOI: 10.1080/19475705.2020.1861113