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Research Topic: Hydrology, Hydrogeology, Watershed Characterization and Management

Educational Qualifications:

- PG Diploma Disaster Management – Indira Gandhi National Open University, New Delhi (2022).
- MSc Geography – Presidency University, Kolkata (2018).
- PG Diploma Remote Sensing & GIS – Jadavpur University, Kolkata (2018).
- BSc (Hons) Geography – Womens’ College, Calcutta – University of Calcutta (2016).
- ISC – Calcutta Girls’ High School, Kolkata - CISCE, New Delhi (2013).
- ICSE – Loreto Convent Entally, Kolkata - CISCE, New Delhi (2011).

Skills: ArcGIS, ERDAS Imagine, ENVI, QGIS, Geomatica, RockWorks, SNAP, TAS, Landserf, Surfer, SAGA GIS.

Experiences: 2.5+ years of working experience as core and active team member in different projects of various organizations.

- Research Analyst – Climate Risk, Council for Energy, Environment, and Water (CEEW), New Delhi (July-October 2021).
- Research Intern – GiZ India (January-March 2021)
- IIRS-ISRO Outreach Programme Coordinator for PnP (September 2019 – October 2020)
- Coordinator - Policy & Impact, Partners in Prosperity (PnP), New Delhi (July 2019 – October 2020)
- Consultant – IPE Global Limited, New Delhi (January-June 2019)
- Research Intern – Water/Land Resources Vertical, NITI Aayog, Govt. of India, New Delhi (August-September 2018)
- Research Intern – Geodynamics Lab, Dept. of Earth Sciences, IIT Bombay (June-July 2018)

Publications:

Book Chapter

Saha D., Chakraborty M. and **Chowdhury A.**, 2022. Stubble burning in northwestern India- is it related to groundwater over-exploitation? In Re V., Mazzone R.L., Abiye T.A., Mukherji, A. and MacDonald A. (eds) Groundwater for Sustainable Livelihoods and Equitable Growth, CRC Press, London. DOI: <https://doi.org/10.1201/9781003024101>.

Technical Report

Composite Water Management Index (CWMI), NITI Aayog, Govt. of India, 2019

Hobbies: Travelling, Cooking, Music