

Dr. Saurav Kumar

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Research Area:

My research interests include climate change, natural hazards, migration, disaster risk reduction, adaptation, resilience building and sustainable mountain development in the Himalayas.

Educational Qualification:

Doctoral of Philosophy, Department of Geography, Mizoram University, Aizawl, India (2019- Present)

Thesis: Patterns and Implications of Out-migration in Garhwal Himalaya and Chotanagpur Plateau: A Comparative Study.

Supervisor: Prof. Vishwambhar Prasad Sati, Professor in the Department of Geography and Resource Management, Mizoram University, Aizawl.

MA, Department of Geography, University of Delhi, New Delhi (2017-2019)

The main focus of my Master's program was to study Social Geography, Disaster Management, Ecology and Environmental Geography, Migration Studies, Development Studies and Himalayan Studies (mainly focused on the impact of climate change on changing Himalayan landscape and their socio- economic impacts).

Post-Graduation Date: July, 2019 Type of Degree: Regular Final Score: 60.1%

BA (Hons), Department of Geography, Banaras Hindu University (BHU), Varanasi, Uttar Pradesh (2014-2017)

The undergraduate program involved a research component in Uttarakhand. I conducted fieldwork across the areas of Dehradun, Mussoorie, Haridwar and Rishikesh to study the livelihood practices embedded within the caste and class structures of Garhwali society.

Graduation Date: July, 2017 Type of Degree: Regular Final score: 74%

Research and Work Experience:

Research Scholar, Department of Geography, Mizoram University (2019-2023).

Research work (2019), I studied the impact of climate change on subsistence practices in the Garhwal Region and measured socio-economic shifts in Saikot village, Chamoli district, Uttarakhand.

Research apprenticeship (4th June - 3rd July 2018) at Centre for Media Studies, Saket (New Delhi) on a project monitored by the United Nations to check and prevent the spread of HIV/AIDS in Uttar Pradesh.

Saksham (March 2016 - June 2017) a not for profit that works towards empowering the visually impaired. I was responsible to assist visually impaired students of Banaras Hindu University in writing their exams.

Publications:

Sati, V. P., & Kumar, S. (2022). Environmental and economic impact of cloudburst-triggered debris flows and flash floods in Uttarakhand Himalaya: a case study. *Geoenvironmental Disasters*, 9(1), 5.

Sati, V. P., & Kumar, S. (2023). Declining agriculture in Garhwal Himalaya: Major drivers and implications. *Cogent Social Sciences*, 9(1), 2167571.

Kumar, S. and Sati, V. P. (2023). "Highland-Lowland Interaction in Mountain Regions: A Study of Changing Patterns among Bhotiya Tribes of Garhwal Himalaya". *Human Geographies*, 17(1).

Kumar, S. and Sati, V. P. (2023). Patterns and Determinants of Rural-Urban Migration in the Garhwal Himalaya. *Geojournal*. <https://doi.org/10.1007/s10708-023-10825-6>.

Kumar, S. and Sati, V. P. (2022). Out-migration from the Hills of Garhwal Himalaya: a Case Study. *Migration Letters*, 19(6), 801-818.

Roy, C., Sati, V. P., Biswas, A. and Kumar, S. (2022). Status of drinking water, sanitation facilities, and hygiene in West Bengal: evidence from the National Family Health Survey of India (NFHS), 2019–2021. *Journal of Water, Sanitation and Hygiene for Development*. washdev2023228. doi: <https://doi.org/10.2166/washdev.2023.228>.

Kumar, S. (2021). Youth, higher education, and employment: A case study of Jharkhand state. *IUJ Journal of Management*, 9(1), 134-152.

Kumar, S. and Sati, V. P. (2023). "Patterns and Drivers of Internal Migration: Insights from the Chotanagpur Plateau, India". (*Geojournal*).

Kumar, S. and Sati, V. P. (2023). "Depopulating Villages and Mobility of People in the Garhwal Himalaya". (*Migration and Diversity*).

Paper Under Communication

Kumar S. and Sati V. P. (2023). Geo-Hydrological Disasters in the Uttarakhand Himalaya: Assessment and Mapping. *Natural Hazard Research*.

Scholarships and Awards:

Junior Research Fellowship (NET- JRF, July 2019 - Present) awarded by the University Grants Commission (UGC).

Won the best presentation award in the virtual International Conference (5-6 April, 2022) organized by Delhi University on the theme "Challenges to Disaster Risk Reduction and Resilient Habitat"

Travel Grant by University of Innsbruck (2022): To attend the International Mountain Conference, September 11-15, 2022.

Travel Grant by Swiss National Science Foundation (2023): To attend a summer School at University of Bern.

International Studies (Summer School)

Attended "Summer Research School" organized by University of Bern, Switzerland (15-20th)

August, 2023).

Theme of Summer School: Common Pool Resources in the Swiss Alps.

Attended “Summer Research School” organized by University of Bergen, Norway (7-17th June, 2022).

Theme of Summer School: Climate Change and Inequality of Mobility

Attended “Student for Student Summer Research School” organized by University of Innsbruck, Austria, (5-9th September, 2022).

Theme of Summer School: Mountain Hazards and Risk Reduction in Alps Mountain.

Paper Presentation (International Conference)

International Conference (April, 2022): Challenges to Disaster Risk Reduction and Resilient Habitat, University of Delhi, New Delhi.

Paper titled: Impact and Mitigation of Climate Induced Disasters in the Uttarakhand Himalaya: a Case Study.

RGS-IBG Annual Conference (August, 2022): Newcastle University, Newcastle, England.

Paper titled: Drivers and Implications of Diminishing Agricultural Practices in the Garhwal Himalaya.

The Migration Conference (September 2022), Rabat, Morocco.

Paper titled: Out-migration of people from the Garhwal Himalaya: a Case Study

International Mountain Conference (September 2022), University of Innsbruck, Innsbruck, Austria.

Paper titled: People on Move: Depopulating Hills of the Garhwal Himalaya

Skills: Qualitative Analysis, Remote Sensing and GIS, SPSS, STATA, Microsoft Office and Proficient in English.

Academic Referee

1. Prof. Vishwambhar Prasad Sati, Senior Professor in the Department of Geography and Resource Management, Mizoram University, Aizawl, India.

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2. Marika Gruber, Deputy head in the Department of Demographic Change and Regional Development at the Institute for Applied Research on Ageing – IARA (Carinthia University of Applied Sciences, Carinthia, Austria).

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