

SARANSH KUMAR

Doctoral Researcher

National Institute of Advanced Studies, Bengaluru (IND).

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EDUCATION

National Institute of Advanced Studies

PhD [Conflict and Security Studies]

IISc Campus, Bengaluru

[Since 2023]

- Completed 18 Credits.
- Relevant Skills Acquired: Research Methodology, Aspects of Conflict Resolution, Climate Debates: Adaptation and Mitigation, Research Paper Writing, Research Documentation and Presentation.
- Thesis Title: '*Towards Integrated Impact Assessment Process: A study of Char Dham Mahamarg Project in Uttarakhand*' focussing on Development Discourse(s) and Impact Assessment Methodologies within Indian Context.
- Additional Skills and Works: Field Work (Six Months), MATLAB, Machine Learning Techniques (Unsupervised and Supervised: Classifiers and Predictors); Deep Learning Techniques (CNN and RNN).

Delhi School of Economics

Masters of Arts [Geography]

New Delhi

[2018-2020]

- Percentage: 61; Grade 1.
- Relevant Courses: Advanced Physical Geography, Natural Resource Management, Statistical Spatial Techniques, Advanced Remote Sensing and GIS.
- Dissertation Project: Mechanism of Climatic variability and its impacts on marginal population groups in Delhi CNCR (2010-2020).
- Additional Skills and Courses: Natural Capital Accounting, Simulation of Natural Processes (edX); R Programming, Google Earth Engine.
- Administrative Work: Research Writing Society: Junior Coordinator.

University of Delhi

Bachelor of Arts [Geography Honours]

New Delhi

[2014-2017]

- Percentage: 78.57; Passed with distinction. Department Gold Medal.
- Relevant Skills and Courses: Photogrammetry, Digital Image Processing, Physical and Human Geography, Field Work.
- Field Work Project: Geographical Impacts of road development on rural settlements in Kalol Block, Gandhinagar (Gujarat): One Month.
- Additional Work: Quiz Society: Organizer and Quiz Master for Geography and History Department.

WORK

National Institute of Advanced Studies

Project Associate

IISc Campus, Bengaluru

[2022-2023]

- Conducted Social Impact Assessment for a largescale infrastructure project.
- Conducted field work over 90 days in 30 villages of Rural Coastal Gujarat.
- Digital Data Collection (6634 Households and Focussed Group Discussions), Data Management and Analysis.

- Developed an offline open-source data collection tool for the household surveys.
- Co-produced and presented two detailed reports for development agencies.
- Relevant Skills Acquired: PostGreSQL, Python, IBM SPSS, Git Bash; IDEs (Jupyter, Spyder, VS Code, Google IDX)

ACADEMIC CONFERENCES

- **January 2024**: Research Proposal Poster Presentation at Annual Institute Colloquium at NIAS, IISc Campus, Bengaluru.
- **December 2023**: Online Paper Presentation at 45th National Association of Geographers of India (NAGI) Conference, SPPU, Pune.
- **September 2023**: Oral Paper Presentation at 35th National Conference of the Indian Institute of Geomorphologists (IGI), Jawaharlal Nehru University, Delhi.
- **November 2022**: Oral Paper Presentation at International Geographical Union Conference, Thematic Conference, Central University of Haryana, Mahendragarh (Haryana).
- **October 2018**: Oral Paper Presentation at Delhi University Sustainability Forum, Shaheed Bhagat Singh College, Delhi.
- **December 2016**: Poster Presentation at Young Scientists Conclave, India International Science Festival, National Physical Laboratory, New Delhi.
- **January 2015**: Oral Paper Presentation at Inter College Research Paper Conference, Miranda House, Delhi.

ACADEMIC LECTURES

- **December 2024**: On '*Navigating Sustainable Development and Geoeconomics: An Indian Perspective*' for AICTE ATAL Faculty Development Programme (FDP) in collaboration with Seshadripuram First Grade College, Yelahanka, Bengaluru; 5th December, 2024.

RESEARCH PUBLICATIONS

- Kumar, Saransh (2024) [*Interplay Between Tidal Range and Dam-Induced Flooding in Sustaining the Islands and Livelihoods in Narmada Estuarine Zone, India.*](#) In: Sustainable Local Development for Environmental and Social Sustainability. Springer, pp. 87-103. ISBN 9783031673023