

# ARCHANA SINGH

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## EDUCATION

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### Doctor of Philosophy (Geography) (2024-ongoing)

Department of Geography, Pennsylvania State University

Advisor: Prof. Melissa W. Wright

### Master of Philosophy (Geography) (2021-2024)

Department of Geography, Delhi School of Economics, University of Delhi

Thesis: Women at Leisure: Exploring Spatialities of Gendered Leisure Experiences in Lucknow City

### Master of Arts (Geography) (2018-2020)

Department of Geography, Delhi School of Economics, University of Delhi

Thesis: Agricultural Livelihood Vulnerability Index: A Case Study of Jaisalmer District, Rajasthan

### Bachelor of Arts (Honours) Geography (2015-2018)

Miranda House, University of Delhi

## WORK EXPERIENCE

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### Project Scientist (Jan 2024-July 2024)

Indian Institute of Technology, Delhi

- Analysed road safety data using GIS and statistical software as a part of the Urban Road Safety Project in Delhi
- Assisted Prof. Rahul Goal in collating historical records of road traffic deaths and injuries in India
- Worked on the qualitative analysis of the history of bicycling in Delhi using archival records

### Junior Project Fellow (Aug 2023-Dec 2023)

National Council of Educational Research and Training, Government of India

- Coordinating capacity building programme for school social science teachers in developing quality curricular material.
- Supporting the development of training modules, workshops and other professional development resources for teachers.

### Research Assistant (Dec 2020-June 2022)

People's Resource Centre, Delhi

- Led grassroots research on Urban Riverfront Development on Ganga (Patna) and Sabarmati (Ahmedabad)
- Authored multiple reports and booklets critically analysing riverfronts and other mega infrastructure projects on urban rivers
- Coordinated 'Nagar-Nadi Fellowship' to study riverfronts in five Indian cities: Indore, Mumbai, Pune, Surat and Varanasi
- Organised webinars and public meetings with different stakeholders on advocacy around urban river issues
- Curated 'Riverfront Observatory' as a common space for resources on urban riverfront projects across India
- Contributed articles, blogs and posts for the official website and social media handles
- Actively participated and managed organisation's programmes and public events

## RESEARCH PROJECTS

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### Riding the Justice Route: Free Bus Travel as a Step Toward Gender-Just Public Transport in Delhi. (2023)

- Led research on the impact of the fare-free bus travel scheme on women's mobility in Delhi
- Examined the benefits of the initiative and challenges in women's access to free buses, with a special focus on experiences of women belonging to socially and economically marginalised groups

## **The Socio-Economic Indicators of human development in Kerala, India** (2019)

Department of Geography, Delhi School of Economics, University of Delhi

- Assessed and created a thematic atlas of socio-economic indicators of human development including health care services, literacy, economy, food & supplies and employment in Kerala using ArcGIS

## **Tourism Livelihood and Environmental sustainability in Kerala, India** (2018)

Department of Geography, Delhi School of Economics, University of Delhi

- Examined tourism as a major local livelihood in backwaters and cliff ecology in Kerala and their vulnerability to climate change and other anthropogenic factors

## **Earthquake & Landslide Impact Assessment in Pancheshwar Region, Uttarakhand** (2017)

Department of Geography, Miranda House, University of Delhi

- Assessed the landslide and earthquake susceptibility of Pancheshwar Multipurpose Project on the Himalayan towns of Champawat, Pithoragarh and Pancheshwar and the socio-economic impact of on local communities

## **Sustainable Livelihood in The Narmada Valley** (2016)

Department of Geography, Miranda House, University of Delhi

- Examined the threat to traditional livelihood opportunities of weaver communities in Madhya Pradesh resulting from challenges to sustain handloom industry

## **CONFERENCE PRESENTATIONS**

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- Living in Flux: Margination, Vulnerability and Everyday Life in Mid-Ganga Diaras. *Ashoka University, Australian National University and Indian Institute of Technology Kharagpur*. October 2023
- What is Landscape? Highlighting Marginalised Voices in Landscape Research. *Landscape Specialty Group. American Association of Geographers*. May 2023
- Leisure in the City: Understanding Spatialities of Young Women's Experiences in Lucknow, India. *Association of American Geographers Annual Meeting*. March 2023
- Women at Leisure: Exploring Spatialities of Gendered Leisure Experiences in Lucknow city. *Leisure Studies Association Conference*. July 2022
- In Dearth of the Essential: Agriculture in 'distant' diaras of Patna. *International seminar on Sustainable Urban Agriculture Systems and Community Resilient Cities*. March 2022
- Resisting Fixity and Control: Ganga Diaras of Patna. *Urban ARC*. January 2022

## **AWARDS AND SCHOLARSHIPS**

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- Fund for Excellence in Graduate Recruitment, College of Earth and Mineral Sciences, Pennsylvania State University. May 2024
- Junior Research Fellowship, University Grants Commission, Ministry of Education, Government of India. June 2020
- Runner-up, Landscape Photography Competition, Association of American Geographers Annual Meeting. March 2023
- Best paper presentation at the international seminar on Sustainable Urban Agriculture Systems and Community Resilient Cities, College of Agriculture, Kerala. March 2022

## **PUBLICATIONS**

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**Book Chapter** Singh, A; Chanda D (2023). Farming on the Floodplains in Patna. In S. Patil, N. Rao, M. Koduganti, C. Singh, P. Poonacha, S. Sharma, P. Roy, A. Mahalingam, N. Singh (Eds.) *Sowing Sustainable Cities: Lessons for urban agricultural practices in India* (pp. 126-129). IIHS – UPAGri Project.

- Journal Article** Pandey, B. W., Singh, Y., Rani, U., Kumar, R., Singh, A., & Pal, R. (2021). A geographical analysis of the first wave of Covid-19 with reference to highland and lowland regions of India. *National Geographical Journal of India*, 67(3), 263-281.
- Article (Print)** Singh, A., & Ravi, R. (2021). A Poor Replica. *Down To Earth*, (16-31 July, 2021), 22–25.  
Singh, A. (2021). साड़ी के धागों के बीच उलझती ज़िन्दगी. *Tehelka*, (16-31 January, 2021), 44–45.
- Article (Web)** How India Treats its Sewage ([link](#))  
In Dearth of the Essential: Agriculture in ‘distant’ *diaras* of Patna ([link](#))
- Report** Riding the Justice Route: Free Bus Travel as a Step Toward Gender-Just Public Transport in Delhi ([link](#))  
Fronting on a River: Sabarmati Riverfront Development as a case of Planning for Pretence (forthcoming) ([link](#))  
Sinking Cities: River, City and Politics of Water ([link](#))  
Lost Water: A Case Study of Dispossession in Sahibganj Multi-Modal Terminal Project ([link](#))  
Patna Riverfront Development Project: Emerging Fronts and Dwindling Ganga: Exploring Patna Riverfront ([link](#))
- Film** गंगा के दो किनारे, NAGARI: Short Film Competition, Charles Correa Foundation ([link](#))

## FELLOWSHIPS AND WORKSHOPS

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- Writing Urban India, *Centre for Policy Research and Urban Studies Foundation*. March-December 2023
- Pushing Boundaries-Holding Space: Feminist mentoring and writing workshop, *IGU commission of Gender and Geography, IISER Mohali and University of Delhi*. June 2022
- Youth Leadership and Engagement for Social Action, *U.S. Embassy and LEAD India*. March 2021-2022
- Legal Issues in Civil Society. *Kirori Mal College and Delhi State Legal Services Authority*. September-November 2019.

## SKILLS

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- Research Method: Interviews, Focus Group Discussion, Participant observation, questionnaire survey
- GIS Software: ERDAS IMAGINE, ArcGIS, QGIS
- Language: Hindi and English
- MS Office Suite
- Fine Arts

## PROFESSIONAL MEMBERSHIPS

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- Member, American Association of Geographers (AAG)
- Member, National Association of Geographers, India (NAGI)
- Member, Feminist Geographies Specialty Group, AAG
- Graduate Student Representative, Landscape Specialty Group, AAG
- Member and Coordinator, *Nadi Ke Shahar*