

## Neha Yadav

Centre of Social Medicine and  
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As an environment and community health researcher at JNU, my doctoral work—further supported by a Commonwealth Scholarship at the Institute of Development Studies (IDS), University of Sussex—focuses on the socio-political and environmental factors crucial to climate resilience and adaptation. My work, driven by the urgent need to address climate uncertainties, focuses on developing methodological strategies to assess the impacts of natural hazards and to design frameworks for effective interventions aimed at reducing vulnerabilities and enhancing resilience. My research interests encompass the climate-food-health nexus, community-based adaptation, and the impacts of pandemics and climate-extreme events on human health and well-being. I have recently completed a report on a project that evaluates the DDAAY-NRLM program across three districts in Bihar. Additionally, I co-edited the book "The Climate-Health-Sustainability Nexus," which provides a comprehensive analysis of the interrelationships among these crucial fields. I am actively seeking opportunities to further enrich and expand my research in these vital domains.

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### EDUCATION

**PhD, Social Sciences in Health** | July 2017- 2023  
CSMCH, Jawaharlal Nehru University, New Delhi

**Thesis Title:** "Examining the Nutrition Security in the Climate-Sensitive Mountain Region to Evolve a Framework for Community-Based Adaptation: A study in Tehri Garhwal district, Uttarakhand."  
**Funding:** University Grant Commission (UGC), India and Foreign, Commonwealth and Development Office (FCDO), UK

**MPhil, Social Sciences in Health** | 2015-2017  
CSMCH, Jawaharlal Nehru University, New Delhi.

**Dissertation Title:** Natural Disaster and its Impact on Livelihood and Food Security: A Two Villages Study in Rudraprayag District, Uttarakhand.

**Major:** Community Medicine, Epidemiology, Nutrition, and Maternal & Child Health

**Minor:** Political Economy of Health

**Funding:** University Grant Commission (UGC), India

**Masters in Sociology** | 2012-2014  
Indira Gandhi National Open University (IGNOU), New Delhi

**Project Title:** Women in Pain: The Sociology of Health-Seeking Behaviour among Women of Jaunsari Tribe in Chakrata block, Dehradun.

**Coursework Modules:** Sociological theories and concepts, sociology of development, research methodologies, urban sociology, decentralisation, and local governance

**Bachelor of Physiotherapy (PT.)**

Santosh Medical College & Hospital, Ghaziabad, Uttar Pradesh

**Coursework Modules:** Anatomy, Physiology, Pharmacology, Microbiology, Pathology, PT in Medicine, Surgery, Orthopedics, Sports Medicine and Rehabilitation, Biomechanics & Kinesiology.

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## ACADEMIC AND PROFESSIONAL EXPERIENCE

**Research Associate**, Centre for the Study of Social Exclusion & Inclusive Policy (CSSEIP), JNU, India. January - April 2024

**Project:** Deen Dayal Antyodaya Yojana-National Rural Livelihood Mission (DDAY-NRLM): **An Analysis of the Efficacy of the Program towards affecting Women Empowerment in the state of Bihar** funded by the Indian Council for Social Sciences Research (ICSSR).

**Research Assistant**, Chronic Poverty Advisory Network (CPAN) - Institute of Development Studies (IDS), UK, November 2022 – January 2023

**Project:** CPAN/COVID **Collective Chronic Poverty Report 2023** on “Pandemic Poverty”

**Research Assistant**, School of Engineering and Informatics, University of Sussex, June - Aug 2022

**Project:** **Critical National Infrastructure Resilience against Pandemics and Climate Change**, funded by Higher Education Innovation Funding, UKRI.

**Visiting PhD. Scholar**, Resource Politics and Environmental Change Cluster, Institute of Development Studies (IDS), University of Sussex, UK March 2021-July 2022

Funding: Foreign, Commonwealth, and Development Office (FCDO), UK.

**Research Assistant**, Institute of Development Studies (IDS), University of Sussex, UK, March - June 2022

**Project:** **Global Review of the Effects of COVID-19 Policies on Rural Children’s Work**, funded by the UN Food and Agriculture Organization (FAO).

**Project Manager**, Policy Change Initiative, India May – December 2020

**Project:** **Rethinking Migration and State Economy amid Corona 19 Pandemic**, funded by Dr. R.S Tolia Uttarakhand Academy of Administration, Nainital, India

**Assistant Editor**, **Journal Governance and Policy Critique** (ISSN–2581-9593), May 2019 – June 2020

The role includes conceptualising and shaping editorial products for the journal, content development, research, and planning on new articles. It includes writing editorial pieces, updating the website, and contributing to the newsletter and social media platform –LinkedIn.

I composed and edited two editions of the biannual journal.

**Researcher**, October - November 2018

**Project:** A pilot study, “**Whole waste catalog**,” based on e-waste management in India.

**Funding:** Sustainable Recycling Industries Programme (SRI), EMPA and Swiss State Secretariat.

**Contributing Writer/Blogger**, **Down to Earth, dailyo** (India Today Group), March 2017 - Till now

Writing opinion/blog on climate change, natural hazards, disaster risk reduction, food security & livelihood, and public health.

**Research Fellow**, **National Green Highway Mission**, Govt. of India, Nov 2016 - Dec 2017

**Project:** “Green and Sustainable Mountain Highways: Mitigating Impact of Climate Extremes and Disasters,” funded by the National Green Highways Mission (NGHM) National Highways Authority of India (NHAI).

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## PUBLICATIONS

### *Peer-Reviewed Articles/Book/Book Chapters*

1. Singh, S., & Yadav, N. (2024). Resilience and Equity in Crisis: Rethinking India's Food Security Strategies in the Era of COVID-19 and Beyond. *Food Security in a Developing World: Status, Challenges, and Opportunities*, 327([Link](#))

2. Singh, P., & Yadav, N. (2024). *The Climate-Health-Sustainability Nexus: Understanding the Interconnected Impact on Populations and the Environment*, Springer Nature Switzerland. ([Link](#))
3. Yadav, N., & Choudhary, K. K. (2023) *Nutritional Status of Mothers and Children: Trends and Determinants*. In *Health and Nutrition of Women and Children in Empowered Action Group States of India* (pp.121-136). Routledge India. ([Link](#))
4. Yadav, S., Yadav, P. K., & Yadav, N. (2021). Impact of COVID-19 on life expectancy at birth in India: a decomposition analysis. *BMC Public Health*, 21, 1-19. ([Link](#))

Media Coverage: [Times of India](#), [Hindustan Times](#), [The Print](#), [Mirror Now](#)

Coverage: [WHO](#)

5. Yadav, N. *Gender Differentiated Impact of 2013 Flash Flood on Health and Livelihood in Rudraprayag*. A. and Bindal, MK (eds.)(2021) *Health Adaptation and Resilience to Climate Change and Related Disasters-A Compendium of Case Studies*, 299. ([Link](#))
6. Yadav, S., Yadav, N. & Yadav P. K. (2021). The Peak of COVID-19 in India: SARIMA and forecast *Demography India* 50 (2), 75-86 ([Link](#))  
Coverage: [WHO](#)
7. Yadav, S., Kothavale, A., Kumar, P. & Yadav, N. *Burden of Non-communicable Diseases in India* *National Institute of Health and Family Welfare (NIHFW)(2021) Collaborative Governance for Sustainable Development of Health and Well-Being: Issues and Perspectives* (117-134) ([Link](#))
8. Yadav, S., Yadav, P. K., Kishore, M., Unisa, S., ...Yadav, N. & Dey, S. (2020). *Basic Reproduction Rate and Case Fatality Rate of COVID-19: Application of Meta-analysis*. *Demography India* (49), Special issue, 69-97 ([Link](#))  
Coverage: [WHO](#)
9. Yadav, N. (2018). *The Shift in India's Health Policy Paradigm and Their Implication on Healthcare Needs*. *International Journal of Research in Social Sciences*, 8(3), 557-570. ([Link](#))
10. Gautam, A. K., & Yadav, N. (2017). *Borders-Shaping Our Understanding of Citizenship and Immigration*. *Scholarly Research Journal of Interdisciplinary Studies*, (37), 8593-8601. ([Link](#))
11. Gautam, A. K., & Yadav, N. (2017). *The politics of industrial development in India since independence*. *politics*, 2(6), 384-388. ([Link](#))
12. Gautam, A. K., & Yadav, N. (2017). *Essay on Durkheim's theory of division of labour*, *National Journal of Multidisciplinary Research and Development*, 2 (3), 580- 585. ([Link](#))
13. Gautam, A. K., & Yadav, N. (2017). *Ecological citizenship, sustainability & governance*. *International Research Journal of Management Sciences & Technology*, 8(2), 182-190. ([Link](#))

### **Forthcoming Publications**

1. Anand, A., Khari, R., Shukla, M. & Yadav, N. (DDAY-NRLM): *An Analysis of the Efficacy of the Program towards Affecting Women Empowerment in the State of Bihar*. *ICSSR* (In press) ([Report](#))

2. Yadav, N., & Jeelani, A. H. Eco-feminism and Community Rights from the Margin: Deconstructing Environmental Governance in Uttarakhand's Mountain Regions. *Journal of Political Ecology* (Under review).
3. Jeelani, A.H., Das, S. & Yadav, N. The Interplay of Climate Change and the Emergence of Sustainability: A Critical Analysis of Historical and Contemporary Perspectives. *Political and Economic Weekly* (Under review).

### **Reports**

1. Gautam, A., Yadav, N., Suri, K., Garg, A., & Garg, K. (2020). Exploring the socio-economic impact of COVID 19: A case of India. *PCI Report Series, New Delhi: Policy Change Initiative*, 1-78. ([Link](#))

### **Editorials**

1. Covid-19 pandemic: States should learn from ‘successful Kerala model Governance and Policy Critique, Vol. 2 Issue 1, July- September 2020, 3-4.
2. The rise of medical tourism: A growth story of India Governance and Policy Critique, Vol. 1, Issue2, Jan-June 2020, 4-5.
3. Climate-smart agriculture: An approach for transforming agricultural practices Governance and Policy Critique, Vol. 1 Issue 1, June - Dec 2019, iii-iv.

### **Non-peer-reviewed publications in print or other media**

1. Transformative eco-feminism: Shaping just and plural political ecologies in Uttarakhand's mountain regions ([Grassroots](#))
2. Unveiling Environmental Justice: The Complexities of Green Infrastructure in Urban Environments ([Grassroots](#))
3. UN 2023 Water Conference: 46 years after Mar del Plata, it's time to examine the successes and failures ([DownToEarth](#))
4. Carbon neutral real estates: REAR's accountabilities for green constructions ([EPCWorld](#))
5. COVID-19 floods and landslides: what Uttarakhand needs to brace for ([DowntoEarth](#))
6. Himalayan ‘gold rush’: Growing livelihood reliance on lucrative and vulnerable trade ([DownToEarth](#))
7. Uttarakhand may be staring at another disaster ([DownToEarth](#))
8. Is the Arabian Sea no longer pacific? ([DownToEarth](#))
9. How air pollution is impacting pregnant women and children ([dailyO](#))
10. Why Kerala floods prove so devastating this time ([PCI](#))
11. Uttarakhand is facing severe environmental disasters - and we are to blame for it ([dailyO](#))
12. India's Public Health system deserves a check-up ([dailyO](#))

13. In India, disaster preparedness has still a long way to go ([dailyO](#))
  14. How has Uttarakhand fared four years after devastating floods? ([dailyO](#))
  15. Why Mayawati's Dalit politics failed this time ([dailyO](#))
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#### **ACHIEVEMENT | AWARD | FELLOWSHIP**

- 2024: Ana Firmino scholarship to present in IGU CSRS 31th Colloquium in Mendoza, Argentina
- 2024: GEF and IAS, UCL (travel award) to present at University College London, United Kingdom
- 2024: DSA (full-funding award) to present at SOAS, London, United Kingdom
- 2023: DAAD and SDG Nexus (full funding award) to present at University of Cuenca, Ecuador
- 2022: DAAD (full funding award) to present at Asian Institute of Technology, Bangkok, Thailand
- 2020: India Sri Lanka Foundation, Sri Lanka High Commission (Travel assistance) to present in International Symposium on Multi-Hazard Early Warning and Disaster Risk Reduction, Columbo, Srilanka
- 2020: Second Prize in Poster Session Awards – National Seminar on Population, Health, and Sustainable Development Goals, International Institute of Population Studies (IIPS), Mumbai, at Patna University.
- 2019: DAAD, Exceed program and CNRD (full-funding award) to present at the Universidad Autónoma de San Luis Potosí, Mexico.
- 2019: Doctoral Grant Award (full-funding) to present in XIV International Conference on Public Policy and Management at IIM Bangalore.
- 2018: Harvard School of Public Health- St. Johns Research Nutrition Initiative (full funding) Two-week residential course in Nutrition Research Methodology, St. John's Research Institute, Bangalore
- 2018: Workshop on Methodological Approach in Social Science Research (partial funding), Pondicherry University and French Institute of Pondicherry (FIP).

#### ***Research Fellowships***

- 2021- 2022: Commonwealth Split-site Scholarship (Doctoral research award) Foreign, Commonwealth, and Development Office (FCDO), United Kingdom
  - 2015-2021: Research fellowship for MPhil and PhD program, University Grant Commission (UGC), India
  - 2016-17: Research fellowship, National Green Highways Mission, National Highways Authority of India (NHAI), Govt. of India.
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## MEMBERSHIP IN PROFESSIONAL SOCIETIES

- Since 2024: Member, Transition from Innovation to Sustainability program, CCRS, HEG Fribourg, Switzerland
- 2023 - 24: Member, Development Students Association (DSA), United Kingdom (UK)
- Since 2023: Member, Agriculture Nutrition and Health Academy (ANH), London School of Hygiene & Tropical Medicine, UK
- Since 2021: Member/alumna, Commonwealth Scholarships Commission, FCDO, UK
- Since 2019: Member/alumna, Bangalore Boston Nutrition Collaborative (BBNC), India & United States
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## PRESENTATIONS

### *Invited talks & Panellist*

- 2024: ‘Drowned Legacies and Resilient Voices: The Tehri Dam Narrative in the Era of Climate Change and Social Reckoning,’ organised by the Institute of Advanced Studies (IAS), University College London (UCL), UK.
- 2023: ‘Addressing Risk-Averse Practices in Development Assistance for Mountain Communities in the Indian Himalayan Region,’ organised by the Center for Corporate Responsibility and Sustainability (CCRS), School of Management, Fribourg, Switzerland
- 2022: ‘The Climate Change and Sustainability Nexus,’ organised by AccessEd and Commonwealth Scholarships Commission in the UK.
- 2022: ‘Sustainability and society: Scientific and human aspects,’ organised by Commonwealth Scholarships Commission, Jesus College, University of Cambridge.
- 2022: ‘Panel on the Natural Disaster Relief and Prevention,’ organised by Oxford Forum for International Development, University of Oxford, England.
- 2020: ‘Nutrition and children’s health: National Education Policy 2020,’ organised by District Education and Training Institute Bhimtal, Nainital.
- 2020: “Work from Home Ergonomics” Physical Wellness session organised by Practo Technologies Private Ltd., Bangalore

### *Technical Sessions*

- 2023: Climate change and food security in mountain agri-food systems: Unpacking resilience and adaptation in Tehri Garhwal India. Water Security and Climate Change Conference, University of Cuenca, Ecuador.
- 2023: Navigating Nutrition Challenges: A Critical Analysis of School Feeding Programs in Rural Bihar during the COVID-19 Pandemic. 5th International Congress Hidden Hunger, University of Hohenheim Stuttgart, Germany.
- 2023: Adaptation to Climate Change in the Indian Himalayas: A complex challenge compounded by social differentiation and vulnerabilities at 8th annual ANH Academy Week, organised by

LSHTM, UK in Lilongwe, Malawi.

- 2023: Caste differentials and perturbations in age at death in India. Health, Morbidity, And Mortality Working Group European Association of Population Studies, Budapest, Hungary.
- 2022: Eco-Social Contract Reimagined: Gendered Perspectives on Climate Change in Uttarakhand. Water Security and Climate Change Conference, Asian Institute of Technology, Bangkok, Thailand.
- 2021: [Adaptation to Climate Change in the Himalayas: A complex challenge compounded by social differentiation and vulnerabilities](#). 6th Sussex Asia Centre PhD workshop, School of Global Studies, University of Sussex, Brighton
- 2020: [Examining the food security in the climate-sensitive mountain region to evolve an alternate policy framework](#). International Symposium on Multi-Hazard Early Warning and Disaster Risk Reduction, Colombo, Sri Lanka
- 2020: [Determinants and Trends in Nutrition Outcomes on Health Status in the Age Group 0-5 years](#). National Seminar on Population, Health and Sustainable Development Goals: Performance and Prioritizing Policies, Organized by IIPS Mumbai at Patna University.
- 2019: [Consequences of climate-induced natural disasters on livelihood and food security](#). Water Security and Climate Change Conference, UASLP, San Luis Potosi, Mexico
- 2019: [Inequalities in Nutritional Outcomes of Mothers and Children among EAG and Non- EAG States in India](#). XIV CPP Conference, Indian Institute of Management Bangalore (IIMB).
- 2019: [Determinants of the Nutritional Status of Mothers and Children on Health Outcomes](#). International seminar on Maternal and Child health in EAG states of India: Sustainable Development Goals Perspective at A.N. Sinha Institute of Social Sciences, Patna, Bihar.
- 2018: [Consequences of natural disasters on livelihood and food security](#). State of the Cryosphere in the Himalaya: With a focus on Sikkim and eastern Himalayas- gaps, challenges and opportunities at Sikkim University, Gangtok.
- 2017: [Adaptive research and further building upon traditional knowledge and wisdom](#). Special Centre for Disaster Research (SCDR), JNU, New Delhi.
- 2017: [Sustainable and Resilient Food Systems in Vulnerable Areas](#). South Asia Sustainability Hub & Knowledge and Transdisciplinary Research Cluster on Sustainability Studies, JNU, Delhi
- 2016: [Green and sustainable mountain highways: mitigating the impact of climate extremes and disasters](#). National Convention on "Innovations in Green Highways, New Delhi.
- 2015: [Reducing maternal mortality – Need for a better perspective](#). Institute of Economic Growth, Population Research Centre, New Delhi.
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### **TECHNICAL/PROFESSIONAL COURSES**

- 15 July-12 Aug 22: (i) Thematic Courses on Damage and Reconstruction Need Assessment  
(ii) Risk Identification, Assessment and Analysis  
National Institute of Disaster Management (NIDM), Global Facility for Disaster Reduction & Recovery and World Bank Institute

- 20-24 Jan 2020: [Training Programme on Climate Change, Disaster and Health: Epidemiology and Response Preparedness](#)  
Department of Community Medicine, Vardhman Mahavir Medical College & Safdarjung Hospital, Delhi
- 6-8 Aug 2019: [National Level Training on Climate Change and Extreme Weather Events](#)  
National Institute of Disaster Management, Ministry of Home Affairs, Govt. of India
- Aug-Oct 2018: [Certification on Health Research Fundamentals](#)  
National Institute of Epidemiology (NIE), Indian Council of Medical Research, India
- 10 July 2018: [GeoSpatial Technologies and Sendai Framework for Disaster Risk Reduction](#)  
Indian Institute of Remote Sensing (ISRO), Department of Space, Govt. of India
- 8-19 Jan 2018: [International Course in Nutrition Research Methods](#)  
Bangalore Boston Nutrition Collaborative (BBNC), St. John's Research Institute, Bangalore
- Aug-Dec 2017: [An outreach program on Basics of Remote Sensing, Geographical Information Systems and Global Navigation Satellite Systems](#)  
Indian Institute of Remote Sensing (IIRS), Indian Space Research Organization (ISRO), Govt. of India
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## TEACHING EXPERIENCE

**MPhil Mentorship**, Jawaharlal Nehru University, New Delhi, Fall 2020 - Spring 2021

I mentored two students during their dissertation semester, dealing primarily with the concepts of sociology of disease and the political economy of health

**Teaching Fellow**, Santosh Medical College & Hospitals, Ghaziabad, Fall 2011- Spring 2012

I have provided teaching support, practical demonstration and module development for fourth year undergraduate students for the following courses: Physiotherapy in Neuro-medicine and, Rehabilitation therapy.

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## TECHNICAL SKILLS

**Computer Skills:** Office suites (Microsoft Office, Google Workspace)

**Statistical Software:** SPSS, R (partial proficiency)

**Qualitative Software:** Nvivo (partial proficiency)

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## REFERENCES

Rajib Dasgupta  
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