

## **Dr. AMRITA SEN**

Assistant Professor (Sociology)

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### **Education**

Ph.D., Department of Humanities and Social Sciences, Indian Institute of Technology Bombay

M.Phil., Department of Humanities and Social Sciences, Indian Institute of Technology Bombay

M.A., Sociology, Jadavpur University

B.A., Sociology, Lady Brabourne College, University of Calcutta

### **Academic appointments**

- Assistant Professor, Department of Humanities and Social Sciences, Indian Institute of Technology Kharagpur, August 2019- present
- Visiting Faculty, Azim Premji University, August 2019- present.
- Postdoctoral Fellow, Centre for Climate Change and Sustainability, Azim Premji University, Bangalore, May 2018-July 2019 (Faculty affiliate: Professor Harini Nagendra)
- Research Assistant, Centre for the Study of Social Exclusion and Inclusive Policy (CSSEIP), National Law School of India University, Bangalore, February 2018-May 2018
- Research Scholar, Department of Humanities and Social Sciences, Indian Institute of Technology Bombay, June 2013- December 2017
- Teaching Assistant, Department of Humanities and Social Sciences, Indian Institute of Technology Bombay, June 2011- December 2017
- Research Assistant, Lady Brabourne College, University of Calcutta, January 2011-June 2011

### **Research interests**

Environmental Sociology, Political Ecology, Forest Conservation, Natural Resource Conflicts, Urban Ecology, Environmental Governance, Community Based Natural Resource Management.

### **Awards and recognitions**

- Junior Core Fellowship, Institute for Advanced Study, Central European University, Budapest, Hungary, 2022-2023 (declined)
- Runner Up, Environmental Sociology Early Career Prize, for article 'A Paradox of the "Community": Contemporary Processes of Participatory Forest Conservation in the Sundarban Biosphere Reserve (SBR) Region of West Bengal (published in *Environmental Sociology*, 2019), 2021
- Excellence in PhD thesis award for best PhD thesis, Indian Institute of Technology Bombay, 2019
- International Travel Grant, Indian Council for Social Science Research (ICSSR), June 2018
- International Travel Grant, European Network of Political Ecology (ENTITLE), March 2016
- UGC National Eligibility Test (NET), for lectureship in Sociology, August 2012
- Teaching assistant (TA) fellowship, Indian Institute of Technology Bombay, 2011-2017
- Certificate of Appreciation, URBIO (Urban Biodiversity and Climate Change: Adaptation and Mitigation) conference, Indian Institute of Technology Bombay, October 2012
- Ranked 5<sup>th</sup> overall in M.A. programme (Sociology), Jadavpur University, May 2011

## Professional affiliations

- Member, *International Sociological Association*
- Member, *Indian Sociological Society*
- Member, *The International Association for the Study of Commons*

## Refereeing for Journals and Book Publishers

**Journals:** *Journal of Agricultural and Environmental Ethics* [Springer], *Environment Development and Sustainability* [Springer], *Sage Open* [Sage], *Journal of Political Ecology*, *World Development* [Elsevier], *Conservation and Society*, *Society and Natural Resources* [Taylor and Francis], *Arcadia* [Environment and Society Portal], *Journal of Environmental Planning and Management* [Taylor and Francis], *Urban Forestry and Urban Greening* [Elsevier], *The Oriental Anthropologist* [Sage], *Marine Policy* [Elsevier], *Journal of Urbanism: International Research on Placemaking and Urban Sustainability* [Taylor and Francis], *World Development Perspectives* [Elsevier], *Political Geography* [Elsevier], *Heliyon*, *Journal of Community Archaeology & Heritage* [Taylor and Francis], *Biodiversity and Conservation* [Springer], *Forest Policy and Economics* [Elsevier]

**Books:** *Routledge*, *Taylor and Francis*- *CRC Press*, *Cambridge University Press*

## Teaching

### *Postgraduate and PhD*

- HS51637: Society Science and Technology
- HS60084: Urban Sociology

### *Undergraduate*

- HS30057: Sociology of Economics Development
- HS30003: Sociology of Architecture
- HS30073: Environmental Sociology
- HS40072: Sociology of Science

### *Online NPTEL MOOC Courses* (Ministry of Education, Government of India)

- Urban Sociology (2022, jointly with Prof. Archana Patnaik),  
[https://onlinecourses.nptel.ac.in/noc22\\_hs108/preview](https://onlinecourses.nptel.ac.in/noc22_hs108/preview)
- Sociology of Resource Management (2022, jointly with Prof. Archana Patnaik)  
[https://onlinecourses.nptel.ac.in/noc22\\_hs107/preview](https://onlinecourses.nptel.ac.in/noc22_hs107/preview)

### *Short term self-sponsored course* (Continuing Education Programme, Indian Institute of Technology Kharagpur)

- Qualitative Research Methods in Social Sciences
- Formulating research proposal
- Academic writing and publishing in social sciences

## Ongoing projects

1. Principal Investigator, 'Understanding Resilience and Norms of Sustainability through Community-based Water Management Practices in Bengaluru and Kolkata'. Funding Agency: Institute Scheme for Innovative Research and Development (ISIRD), SRIC, Indian Institute of Technology Kharagpur (Value: INR 900000), 2021-2024
2. Principal Investigator, 'An innovative adaptation and social resilience framework: using a multi-sectoral approach to address climate vulnerability issues in the Indian Sundarbans'. Funding Agency: Indian Council for Social Science Research (Value: INR 850000), 2022-2024
3. Joint Principal Investigator, 'SPICMACAY IIT Kharagpur'. Funding Agency: SRIC, Indian Institute of Technology Kharagpur (Value: INR 5000000), 2023-2028
4. Co-principal Investigator, 'Dried Fish Matters: Mapping the Social Economy of Dried Fish in South and South-East Asia for Enhanced Wellbeing and Nutrition'. Funding Agency: Social Sciences and Humanities Research Council, Canada (Value: CAD 2870250), 2018-2024

5. Co-principal Investigator, 'Vulnerability to Viability (V2V): Global Partnership for Building Strong Small-Scale Fisheries Communities'. Funding Agency: Social Sciences and Humanities Research Council, Canada (Value: \$2,496,128.00), 2020-2027

## Completed projects

1. Co-principal Investigator, 'Cluster of Collaboration (CLOC), Knowledge2Action South Asia'. Funding Agency: Swissnex (Value: \$2400), August 2021-June 2022

## Publications

### Books

1. Sarmistha Pattanaik and Amrita Sen (eds.). 2022. *Regional Political Ecologies and Environmental Conflicts in India*. Abingdon and New York: Routledge.
2. Amrita Sen. 2022. *A political ecology of forest conservation in India: communities, wildlife and the state*. Abingdon and New York: Routledge  
[A blog on the book is available on the SIID blog: <http://siid.group.shef.ac.uk/blog/a-political-ecology-of-forest-conservation-in-india/>]

### Journal issues edited

1. Guest editor, *Maritime Studies*, 'Social and political ecologies of small-scale fishing in South Asia: co-producing knowledge through transdisciplinary research and stakeholder engagement' (with Jenia Mukherjee)

### Articles in journals

1. Amrita Sen, Seema Mundoli, Dechamma CS and Harini Nagendra. 2023. 'Undoing the 'practice' of hazardous waste disposal: an urban environmental justice paradigm through case studies on peri-urban Bengaluru, India'. *Local Environment* (Forthcoming)
2. Madhubarna Dhar, Amrita Sen and Archana Patnaik. 2023. 'Unpacking urban environmental visions and contestations of street vendors in Kolkata, West Bengal'. *Global Social Welfare*. <https://doi.org/10.1007/s40609-023-00297-4>
3. Ana Carolina Esteves Dias, Derek Armitage, Prateep Kumar Nayak, Shehu Latunji Akintola, Evans Kwasi Arizi, Ratana Chuenpagdee, Basanta Kumar Das, Sabiha Ahmed Diba, Raktima Ghosh, Moenieba Isaacs, Gazi Md Nurul Islam, Alioune Kane, Yinji Li, Moffat Mzama Manase, Ahmadou Aly Mbaye, Paul Onyango, Sarmistha Pattanaik, Aliou Sall, Indah Susilowati, Sika Abrokwah, Denis Worlanyo Aheto, Olajumoke Akiode, Afful Chineboaba Araba, Foluke Omotayo Areola, Frederick Ato Armah, Esinam Attipoe, Aliyu Hamza Danagalan, Piyashi DebRoy, Alyne Delaney, Mariama Dieng, Kafayat A. Fakoya, Aini Nur Furoida, Cheikh Amadou Bamba Gaye, Adama Gueye, Fama Gueye, Mafaniso Hara, Haseeb Md. Irfanullah, Taofeek Iyanda, Kungwan Juntarashote, Ayorinde Kappo, Ishmael B.M. Kosamu, Hapsari Ayu Kusumawardhani, Tracey Lee, Fatou Gueye, Jenia Mukherjee, Tamano Namikawa, Sachiko Harada, Friday J. Njaya, Pranaya Kumar Parida, Betty Ngui Chiew Pieng, Made Ika Prasetyadewi, Erwin Prayogi, Daniel Quilter, Syed Tauheed Raihan, Aparna Roy, Alberta Ama Sagoe, Madalo Esther Samati, Clement Sambou, Revarunan Sammogam, Alassane Sarr, Khady Yama Sarr, Suvaluck Satumanatpan, Izumi Seki, Samiya A. Selim, Amrita Sen, Oumar Sow, I.Gusti Lanang Tantra, Suphakarn Traesupap, Vanessa Warren, Batuli Mohammed Yahya, Thamasak Yeemin, Sevil Berenji, Jessica Blythe, Alida Bundy, Simron Singh. 2023. From vulnerability to viability: A situational analysis of small-scale fisheries in Asia and Africa. *Marine Policy*, 155, 105731.
4. Raktima Ghosh, Jenia Mukherjee, Aishik Bandyopadhyay, Subhradeep Chatterjee, Anuradha Choudry, Poulami Ghosh, Souradip Pathak, Amrita Sen and Priyadarsini Sinha. 'Analyzing Scenarios and Designing initiatives towards Just transitions (ADJust): Coproducing knowledge with(in) the dried fish sector in the Indian Sundarbans'. 2023. *Frontiers in Water*, 5, 1043628

5. Aloke Majumdar, Somnath Ghosal, Chhanda Ruj, Amrita Sen. 2023. 'Why efforts to address India's 'just transition' should support nature-based solutions'. *Energy Research & Social Science*, 98, 103021
6. Amrita Sen and Harini Nagendra. 2023. "Songs of the lake': understanding situated cultural expressions on nature through dwindling folk-songs and mythologies in Bangalore'. *South Asia: Journal of South Asian Studies*, 46 (2), 283-302
7. Aditya Ghosh, Amrita Sen and Marina Frietsch. 2023. "What is a 'very severe cyclone' please"? Uncovering knowledge and communication gaps in climate resilience realities'. *International Journal of Disaster Risk Reduction*, 86, 103499.
8. Amrita Sen and Harini Nagendra. 2022. 'Rethinking inclusivity and justice agendas in restoration of urban ecological commons: a case study on Bangalore lakes'. *Lakes and Reservoirs: Science, Policy and Management for Sustainable Use*, 27 (4), e12408.
9. Gunjan Chowhan, Amrita Sen and Jenia Mukherjee. 2022. 'Sustainable and 'smart' restructuring around the making of mega and world-class cities in India: a critical review'. *GeoJournal*, 87, 897-910.
10. Aditya Ghosh, Amrita Sen, Kaberi Dutta and Priyanka Ghosh. 2021. 'Falling 'fortresses': unlocking governance entanglements and shifting knowledge paradigms to counter climate change threats in biodiversity conservation'. *Environmental Management*, 69, 305-322.
11. Marlène Elias, Matt Kandel, Stephanie Mansourian, Ruth Meinzen-Dick, Mary Crossland, Deepa Joshi, Juliet Kariuki, Lynn C. Lee, Pamela McElwee, Amrita Sen, Emily Sigman, Ruchika Singh, Emily M. Adamczyk, Thomas Addoah, Genevieve Agaba, Rahinatu S. Alare, Will Anderson, Indika Arulingam, SGiids Kung Vanessa Bellis, Regina Birner, Sanjiv De Silva, Mark Dubois, Marie Duraisami, Mike Featherstone, Bryce Gallant, Arunima Hakhu, Robyn Irvine, Esther Kiura, Christine Magaju, Cynthia McDougall, Gwiisihlgaa Daniel McNeill, Harini Nagendra, Tran Huu Nghi, Daniel K. Okamoto, Ana Maria Paez Valencia, Tim Pagella, Ondine Pontier, Miranda Post, Gary W. Saunders, Kate Schreckenber, Karishma Shelar, Fergus Sinclair, Rajendra Singh Gautam, Nathan B. Spindel, Hita Unnikrishnan, Gulxa taa'a gaagii ng.aang Nadine Wilson, Leigh Winowiecki. 2021. 'Ten people-centered rules for socially sustainable ecosystem restoration'. *Restoration Ecology*, 30 (4), e13574.  
(DOI: <https://onlinelibrary.wiley.com/doi/abs/10.1111/rec.13574>)
12. Amrita Sen, Hita Unnikrishnan and Harini Nagendra. 2021. 'Restoration of urban water commons: navigating social-ecological fault lines and inequities'. Special issue on 'Restoration For Whom, By Whom' (Edited by Marlène Elias, Deepa Joshi, Ruth Meinzen-Dick), *Ecological Restoration*, 39 (1&2), 120-129.
13. Amrita Sen and Harini Nagendra. 2020. 'Local community engagement, environmental placemaking and stewardship by migrants: a case study of lake conservation in Bengaluru, India'. *Landscape and Urban Planning*, 204, 103933
14. Amrita Sen, Hita Unnikrishnan and Harini Nagendra. 2020. 'Imperilled waterscapes: the social-ecological transformation of lakes in Bengaluru'. Special issue on 'New Epistemologies of Water in India' (Edited by Jenia Mukherjee and Kuntala Lahiri-Dutt) in *Ecology, Economy and Society-The INSEE Journal*, 3 (2), 125-134.
15. Amrita Sen and Jenia Mukherjee. 2020. Bonbibí: A religion of the forest in the Sundarbans. Environment & Society Portal, *Arcadia: Explorations in Environmental History* (Summer 2020), no. 22. Rachel Carson Center for Environment and Society.
16. Amrita Sen and Harini Nagendra. 2020. 'The differentiated impacts of urbanization on lake communities in Bengaluru, India'. *International Journal of Urban Sustainable Development*, 13 (1), 17-31
17. Amrita Sen and Harini Nagendra. 2019. 'The role of environmental placemaking in shaping contemporary environmentalism and understanding land change'. *Journal of Land Use Science*, 14 (4-6), 410-424.
18. Amrita Sen. 2019. 'Human wildlife conflicts in the Sundarban Biosphere Reserve and the politics of forest conservation'. *Decision*, 46 (4), 321-333.
19. Amrita Sen and Harini Nagendra. 2019. 'Mumbai's blinkered vision of development: sacrificing ecology for infrastructure'. *Economic and Political Weekly*, 54 (9), 20-23.
20. Amrita Sen and Sarmistha Pattanaik. 2019. 'A paradox of the "community": contemporary processes of participatory forest conservation in the Sundarban Biosphere Reserve (SBR) region of West Bengal'. *Environmental Sociology*, 5 (1), 33-46.

21. Amrita Sen and Sarmistha Pattanaik. 2019. 'The political agenda of implementing Forest Rights Act 2006: evidences from Indian Sundarban'. *Environment Development and Sustainability*, 21 (5), 2355-2376 (published online on 19<sup>th</sup> March 2018).
22. Amrita Sen and Harini Nagendra. 2018. 'Multiple constructions of environmental placemaking around the urban commons in Bangalore, India: some empirical reflections'. *Indian Anthropologist* 48 (2): 39-52.
23. Amrita Sen and Sarmistha Pattanaik. 2017. 'How can traditional livelihoods find a place in contemporary conservation politics debates in India? understanding community perspectives in Sundarban, West Bengal'. *Journal of Political Ecology* 24: 861-880.
24. Amrita Sen and Sarmistha Pattanaik. 2017. 'Community based natural resource management in the Sundarbans: implications of customary rights, law and practices'. *Economic and Political Weekly* 52 (29): 93-104.
25. Amrita Sen. 2016. 'Exclusionary conservation in Sundarbans: who pays the price?' *Economic and Political Weekly* 51 (53): 25-28. Reprinted as 'What's conservation without local hand?' in *India Water Portal*. Available at <http://www.indiawaterportal.org/articles/whats-conservation-without-local-hand>
26. Amrita Sen and Sarmistha Pattanaik. 2016. 'Politics of biodiversity conservation and socio ecological conflicts in a city: The case of Sanjay Gandhi National Park, Mumbai'. *Journal of Agricultural and Environmental Ethics* 29 (2): 305-326
27. Amrita Sen and Sarmistha Pattanaik. 2015. 'Degradation of commons, changing customary rights and marginalization: The vulnerability of the poor in the Sundarbans'. *Research Process* 3 (2): 38-47.
28. Amrita Sen and Sarmistha Pattanaik. 2015. 'Alienation, conflict and conservation in the protected areas of urban metropolis: a case study of Sanjay Gandhi National Park in Mumbai'. *Sociological Bulletin* 64 (3): 375-395.
29. Sarmistha Pattanaik and Amrita Sen. 2013. 'Current rehabilitation status over the issues of displacement at Sanjay Gandhi National Park, Mumbai: Some Observations'. *Journal of Political Studies*, 8: 1-8.

### *Chapters in edited volumes*

1. Amrita Sen. 'Politics of Participation and the Myth of the Community: Reflections on Joint Forest Management (JFM) in Sundarban, West Bengal'. In Ajit Menon and Satyajit Singh (eds.) *Environmental Politics at the Local: Natural Resource Governance in India*. New Delhi, Hyderabad and Chennai: Orient Blackswan (Forthcoming).
2. Jenia Mukherjee, Amrita Sen, Kuntala Lahiri-Dutt and Aditya Ghosh. 2023. 'Rewriting social resilience, knowledge co-production and situated adaptive practices in the Indian Sundarbans'. In Michele Lobo, Eve Mayes and Laura Bedford (eds.) *Moving toward Planetary Justice: Stories and Studies of Action, Resistance and Solidarity*. Bristol, UK: Bristol University Press
3. Amrita Sen. 2023. 'Forests, Folklores and Religion: Understanding 'Ecological Wisdom' in the Sundarbans, West Bengal'. In B. K. Pattnaik (ed.) *Environmental and Ecological Sustainability through Indigenous Traditions: Perspectives from the Global South*. Singapore: Springer.
4. Madhubarna Dhar, Amrita Sen and Archana Patnaik. 2023. 'Are Informal Economic Spaces of Street-Vending Sights of "Disorderly Urban Environments" and Sprawl? A Case Study on Hawkers of Kolkata'. In Uday Chatterjee, Nairwita Bandyopadhyay, Martiwi Diah Setiawati and Soma Sarkar (eds.) *Urban Commons, Future Smart Cities and Sustainability* (pp. 153-168). Switzerland: Springer Nature.
5. Sarmistha Pattanaik and Amrita Sen. 2022. 'Introduction: Understanding Regional Political Framings of Environmental Conflicts in India'. In Sarmistha Pattanaik and Amrita Sen (eds.) *Regional Political Ecologies and Environmental Conflicts in India* (pp. 1-10). Oxon and New York: Routledge.
6. Priyadarsini Sinha, Jenia Mukherjee and Amrita Sen. 2022. 'The Schisms between Policies and Praxes: Mapping the Social Welfare Scenario with Empirical Evidences from Dooars, North Bengal'. In Uday Chatterjee, Mohammad Izhar Hassan, Shouraseni Sen Roy, Samik Chakraborty and Uttara Singh (eds.) *Social Morphology, Human Welfare & Sustainability* (pp. 111-127). Switzerland: Springer Nature
7. Amrita Sen, Dechamma C.S. and Harini Nagendra. 2022. 'Resilience and Conservation of Urban Commons: Lessons from Three Community Restored Lakes in Bengaluru'. In Angela Colucci and Giulia Pesaro (eds.) *Ecosystems of Resilience Practices 1<sup>st</sup> edition: Contributions for*

*Sustainability and Climate Change Adaptation* (pp. 213-227). Netherlands, Oxford and Cambridge: Elsevier

8. Amrita Sen, Harini Nagendra, Rodrigo Antonio Braga Moraes Victor, Sueli Angelo Furlan, Elaine Aparecida Rodrigues, Joanne Tippet, Janice Astbury and Ian Douglas. 2021. 'The Role of Urban Nature in Fostering Social Capital and Sense of Place'. In Ian Douglas, P M L Anderson, David Goode, Michael C. Houck, David Maddox, Harini Nagendra and Tan Puay Yok (eds.), *Routledge Handbook of Urban Ecology* (Second edition) (pp. 673-684). Oxon: Routledge
9. Amrita Sen and Sarmistha Pattanaik. 2018. 'Communities in a "Protected" Urban Space and Conservation Politics in Mumbai's Sanjay Gandhi National Park'. In J. Mukherjee (ed.), *Sustainable Urbanization in India: Challenges and Opportunities* (pp. 257-278). Singapore: Springer.
10. Amrita Sen. 2015. 'Conservation and Conflict over Natural Resources within the Protected Areas: The Issue of Displacement and Rehabilitation centring Sanjay Gandhi National Park, Mumbai'. In M. Slariya and P. Jha (eds.), *Socio Ecological Aspects of Development and Climate Change* (pp. 174-194). Saarbrücken, Germany: Scholars' Press.

### *Book review and conference proceedings*

1. Book Review of *Living with Disasters: Communities and Development in the Indian Sundarbans*, by Amites Mukhopadhyay (New Delhi: Cambridge University Press, 2016) in *Seminar*, July 2017. Available at <http://www.india-seminar.com/semframe.html>.
2. Amrita Sen. 2013. Linking Cyber-Crime to the Social Media: A Case Study on the Victims of Kolkata. Proceedings of the South Asian Society of Criminology and Victimology (SASCV) and Department of Criminology and Criminal Justice, Manonmaniam Sundaranar University, Tamil Nadu, India (ISBN-978-81-906687-5-0).

### *Other articles and policy briefs*

1. Harini Nagendra and Amrita Sen. 2022. Our cities are designed for men, by men. *The Third Eye* (A think tank by Nirantar on the intersections of gender, sexuality, violence, technology and education) (5<sup>th</sup> January 2022).
2. Hita Unnikrishnan and Amrita Sen. 2021. The When, Why and How of Systemic Racism within and across Urban Social-Ecological Systems: Stories from India. *The Nature of Cities* (Global Roundtable on 'Beyond Equity: What does an Anti-Racist Urban Ecology Look Like?') (1<sup>st</sup> June 2021)
3. Jenia Mukherjee and Amrita Sen. 2020. Not a 'Wasted' Enterprise: Political Ecologies of Wastewater Wetlands in Kolkata. *Undisciplined Environments (series on Reimagining, remembering and reclaiming water)* (17<sup>th</sup> November 2020)
4. Jenia Mukherjee and Amrita Sen. 2020. From SMART to Sustainable Cities: is COVID 19 An Opportunity? *Observer Research Foundation* (19<sup>th</sup> May 2020).
5. Jenia Mukherjee and Amrita Sen. 2020. Is COVID 19 a 'Capitalocene' Challenge? *Seeing the Woods (A blog by the Rachel Carson Centre)* (11<sup>th</sup> May 2020).
6. Amrita Sen and Jenia Mukherjee. 2019. Cyclone Bulbul in the Indian Sundarbans: Another Lesson on Deltaic Vulnerability and Resilience. *Mongabay- India* (2<sup>nd</sup> December 2019)
7. Amrita Sen. 2019. Surviving in the fragile Sundarbans delta: will the new government respond? *Mongabay-India* (16<sup>th</sup> July 2019)
8. Amrita Sen. 2019. Politicization of Rights: What Impedes the Forest Rights Act, 2006, From Being Implemented in the Sundarban Biosphere Reserve in West Bengal? *Down to Earth* (1<sup>st</sup>-15<sup>th</sup> January 2019)
9. Amrita Sen, Leo Saldanha, Swetha Rao Dhananka and Dechamma C.S. 2018. How Bengaluru's Garbage Killed Mavallipura's Environment. *Citizen Matters* (8<sup>th</sup> December 2018).
10. Harini Nagendra and Amrita Sen. 2018. Bengaluru's Lakes are a Lifeline for the Crowded City. *The Hindu* (1<sup>st</sup> December 2018).
11. Amrita Sen. 2017. A Promenade of Human Spaces in the "Land of the Tigers": Experiences from the Indian Sundarban. *Toxic News* (16<sup>th</sup> May 2017).
12. Amrita Sen. 2016. Honey, they shrunk our livelihoods! *Down to Earth* (16<sup>th</sup>- 31<sup>st</sup> December 2016, pp. 52-54).

## Project Reports

1. Raktima Ghosh, Jenia Mukherjee, Souradip Pathak, Anuradha Choudry, Shreyashi Bhattacharya, Amrita Sen and Priyadarshi Patnaik. 2022. A Situational Analysis of Small-Scale Fisheries in the Sundarbans, India: From Vulnerability to Viability. V2V Working Paper 2022-4. V2V Global Partnership, University of Waterloo, Canada
2. Raktima Ghosh, Jenia Mukherjee, Amrita Sen, Souradip Pathak, Anuradha Choudry and Shreyashi Bhattacharya. 2022. DFM Working Paper on Dried Fish in West Bengal, India. Winnipeg: University of Manitoba
3. Raktima Ghosh; Jenia Mukherjee; Amrita Sen and Souradip Pathak (2021). Dried Fish in West Bengal, India: Scoping Report. Dried Fish Matters [<https://driedfishmatters.org/>]
4. Raktima Ghosh; Jenia Mukherjee and Amrita Sen (2021). Indian Sundarbans: A Situational Analysis. V2V Global Partnership [<https://www.v2vglobalpartnership.org/>].

## Media citations

1. *Readers Digest*. What our plant needs now: India's leading eco-experts explain our biggest environmental challenges and what we can do to make a difference. July 2021.
2. *The Indian Express*. Why the Sundarbans has unwavering faith in Bon Bibi — a forest deity with a stage presence. July 2020.
3. *Livemint*. Keeping faith with Bonbibi. November 2019.
4. *Mongabay*. Demand for FRA implementation in the Sundarbans echoes in 2019 general elections. May 2019

## Workshops and conferences organized

1. Faculty coordinator, workshop on Academic Social Responsibility in the Age of Extremes, American Anthropological Association (event- *Raising Our Voices 2020*), 3<sup>rd</sup> December 2020.
2. Co-coordinator, workshop on Research Methodologies and Frameworks on Socio-environmental Resilience, Indian Institute of Technology Kharagpur, 13<sup>th</sup> September 2019.

## Invited talks/interviews/lectures

1. 'An approach towards social resilience using a multi-sectoral perspective: understanding climate vulnerability issues in the Indian Sundarbans'. Invited lecture for Seven-days online capacity building programme on 'Climate Resilience and Adaptation for Coastal Communities', organized by Department of Geography, Bhatler College, Dantan, West Midnapore, West Bengal (1<sup>st</sup>-7<sup>th</sup> March 2023)
2. 'Are informal economic spaces of street-vending sights of "disorderly urban environments and sprawl"? A case study on hawkers of Kolkata'. Invited presentation at the *International Conference on Environmental Change and Socio-Cultural Transformations in India*, organized by the Department of Humanities and Social Sciences, Indian Institute of Technology Roorkee (22<sup>nd</sup>-23<sup>rd</sup> September 2022, with Madhubarna Dhar and Archana Patnaik).
3. Panellist, ZEF Panel on Gender and Environment, Centre for Development Research, University of Bonn, Germany (7<sup>th</sup> June 2022)
4. 'Understanding gender sociology and the making of gender-inclusive cities in India'. Invited lecture for International Women's Day Celebration 2022, organized by the IQAS and NSS, Bhatler College, Dantan, Paschim Medinipur, West Bengal (8<sup>th</sup> March 2022)
5. Book talk: *A political ecology of forest conservation in India: communities, wildlife and the state*, organized by Dried Fish Matters: Mapping the Social Economy of Dried Fish in South and Southeast Asia for Enhanced Wellbeing and nutrition (1<sup>st</sup> December 2021)
6. Facilitator, for a session organized virtually by V2V – Chilika Field School on Environmental Change and Governance: Rethinking Coastal Sustainability and Development (7<sup>th</sup>-14<sup>th</sup> August 2021).
7. 'Industry oriented pedagogical methods in social sciences'. Invited lecture for AICTE\_Sponsored five-day Faculty Development Programme, organized by the Centre for Management Studies, Jain University, Bangalore (10<sup>th</sup> June 2021)



8. 'Sociological perspectives'. Invited lecture for Refresher Course in Historical Studies (Archaeology, Ethnology, History, Political Science, Public Administration, Tourism), organized by the Bharathiar University, Coimbatore, Tamil Nadu (23<sup>rd</sup> January 2021)
9. 'On the future of urbanization and community centric conservation'. Interview, in conversation with The Swaddle, (15<sup>th</sup> September 2020). Recording available at: [https://theswaddle.com/podcast/dr-amrita-sen-on-the-future-of-urbanisation/?fbclid=IwAR0m7VLxm8\\_VXvAmtwS5ukjeREGR7CcSbrYGWTU5pPSQOFhnE8pQkp\\_iBhh8](https://theswaddle.com/podcast/dr-amrita-sen-on-the-future-of-urbanisation/?fbclid=IwAR0m7VLxm8_VXvAmtwS5ukjeREGR7CcSbrYGWTU5pPSQOFhnE8pQkp_iBhh8)
10. 'Representing gender as a variety of environmentalism: lessons and critical reflections'. Invited plenary speaker at the *1<sup>st</sup> National Seminar on Gender, Environment and Sustainable Development*, organized by the Rama Devi Women's University, at Bhubaneswar, Odisha (29<sup>th</sup> February 2020).
11. 'Of Urbanization and Indigeneity: The Social Ecology of Lakes in Bengaluru'. Invited talk at the *Bangalore Research Network (BRN)-NAGARA Workshop on Bangalore City Studies*, at Bengaluru, Karnataka (1<sup>st</sup> August 2019).
12. 'Environmental Placemaking and Lakes in Bengaluru'. Invited talk at the *Sustainable Urbanization: Realities, Challenges and Responses in Bengaluru (Gubbi at Ten)*, organized by the Gubbi Labs LLP, Karnataka, at Courtyard Koota, Bengaluru, Karnataka (6<sup>th</sup> to 7<sup>th</sup> April 2019).
13. 'Tracing Indigenous Socio-Ecological Interventions in Conserving Urban Commons: Reflections on the Kaikondrahalli Lake in Bangalore, India'. Invited talk at *Indigenous Urbanisms: Exploring Climate Justice in Resilient Cities*, organized by the UNESCO Category 2 Centre (C2C) for World Natural Heritage Management and Training for Asia and the Pacific Region at Wildlife Institute of India, Dehradun and University of East Anglia, United Kingdom, at Dehradun, Uttarakhand (8<sup>th</sup> to 9<sup>th</sup> January 2019).
14. 'The Scope of Implementing Forest Rights Act in the Sundarban Biosphere Reserve of India: A Critical Exploration'. Invited talk at the *International Conference On Livelihood Promotion, Bio-diversity Conservation and Social Security in Indian Sundarbans*, organized by the Department of Plant Protection, Palli-Siksha Bhavana (Institute of Agriculture), Visva-Bharati, Santiniketan and Hiranmaypur Agro-horticultural Society for Technology and Rural Development, at Jharkhali, Sundarbans, South 24 Parganas, West Bengal (7<sup>th</sup> to 9<sup>th</sup> December 2018).
15. 'Hybrid Forms of Placemaking in Urban Commons Management: Lessons from the Kaikondrahalli Lake in Bangalore, India'. Invited talk at the *Sixth Network of Rural and Agrarian Studies International Conference*, organized by the Central University of Gujarat, at Gandhinagar, Gujarat (20<sup>th</sup> to 22<sup>nd</sup> September 2018)
16. 'Tussles over Authenticity and Levels of Political Interventions: Implementing the Forest Rights Act in Sundarban, West Bengal'. Invited talk at the workshop on *Human Nature Relationships - Conflict or Symbiosis*, organized by the Gossner Theological College, at Ranchi, Jharkhand (14<sup>th</sup> to 15<sup>th</sup> October 2017).

## National conference presentations

17. 'Environment-Culture Interface: Reflections from the Idol-Makers of Kumortuli' at the *Workshop on Urban Riverine Heritagescapes of Bengal: From Nostalgic Yearnings to Visions of a Resilient Future*, organized by The Department of Humanities and Social Sciences in collaborations with The Rekhi Centre of Excellence for the Science of Happiness, at Indian Institute of Technology Kharagpur, West Bengal (28<sup>th</sup> to 29<sup>th</sup> January 2020).
18. 'Conserving Lakes in Bengaluru through Environmental Placemaking: Inclusive Approaches in Urban Ecology' at the *First International Conference of Water Future on 'Towards a Sustainable Water Future'*, organized by The Sustainable Water Future Programme (Water Future) of Future Earth and Divecha Centre for Climate Change, Indian Institute of Science (IISC), at IISC Bengaluru, Karnataka (24<sup>th</sup> to 29<sup>th</sup> September 2019).
19. 'Urban Environmentalism and the Idea of Placemaking: Methods and Lessons from Lakes of Bengaluru' at the *Workshop on Research Methodologies and Frameworks on Socio-Environmental Resilience*, organized by the Rekhi Centre of Excellence for the Science of Happiness, Indian Institute of Technology Kharagpur, at Kharagpur, West Bengal (13<sup>th</sup> September 2019).
20. 'Understanding Placemaking in Urban India through Socio-ecological Processes and Community Interventions on the lakes in Bangalore' at the *ESP Asia Conference on Communicating and Engaging Ecosystem Services in Policy and Practice in Asia*, organized by the Wildlife Institute of India (WII), at Dehradun, Uttarakhand (9<sup>th</sup> to 12<sup>th</sup> October 2018).



21. 'The Politics of Implementing Forest Rights Act in Sundarban, West Bengal: a Critical Analysis' at the *National Seminar on Governance, Resource and Livelihoods of Adivasis in India: Implementation of PESA and FRA*, organized by the National Institute of Rural Development and Panchayati Raj (NIRD & PR), at Rajendranagar, Hyderabad (18<sup>th</sup> to 19<sup>th</sup> November 2016).
22. 'Conservation Politics, Conflict and Livelihood Vulnerability in the Protected Areas: the Case of Sanjay Gandhi National Park, Mumbai' at the *2<sup>nd</sup> International Conference on Contemporary Debates in Public Policy and Management*, organized by Indian Institute of Management (IIMC) Calcutta, at Kolkata, West Bengal (15<sup>th</sup> to 17<sup>th</sup> January, 2016).
23. 'Transformation of Customary Rights, Livelihood Insecurity and Marginal Existence among the Communities of Sundarban: How Conservation Politics plays a Role in the Protected Areas of India' at the *International Conference of the Commission of Legal Pluralism on Normative Interfaces of Globalization and High Tech Capitalism: Legal Pluralism and the Neoliberal Turn*, organized by Indian Institute of Technology (IIT) Bombay, at Mumbai (14<sup>th</sup> to 16<sup>th</sup> December, 2015).
24. 'Conservation Politics, Conflict and Vulnerable Livelihoods in the Sundarbans, India' at the *Graduate Research Meet 2015*, organized by Indian Institute of Technology (IIT) Guwahati, at Guwahati, Assam (28<sup>th</sup> to 30<sup>th</sup> October, 2015).
25. 'Urban Space in a Protected Zone: Conservation and Conflicts in Mumbai's Sanjay Gandhi National Park' at the *national conference on Sustainable Urbanization in India: Challenges and Opportunities* organized by the Institute of Development Studies, Kolkata (IDSK), at Kolkata, West Bengal (15<sup>th</sup> to 16<sup>th</sup> January, 2015).
26. 'Conservation and Conflict over Natural Resources within the Protected Areas: The Issue of Displacement and Rehabilitation centring Sanjay Gandhi National Park in Mumbai' at the *international conference on Development, Biodiversity and Climate Change: Issues and Challenges* organized by Govt PG College, at Chamba, Himachal Pradesh (3<sup>rd</sup> to 5<sup>th</sup> October, 2014).
27. 'Conservation, Politics and Displacement centring Sanjay Gandhi National Park, Mumbai: Exploring the Post Judgment Implementations and its Corollaries' at the *Cultural Studies Workshop on Law, Culture and Social Justice*, organized by Centre for Studies in Social Sciences (CSSS) Kolkata, at Santiniketan, West Bengal (9<sup>th</sup> to 14<sup>th</sup> March, 2014).
28. 'Linking Cybercrime to the Social Media: A Case Study on the Victims of Kolkata' at the *Second International Conference of the South Asian Society of Criminology and Victimology (SASCV)*, organized by the Department of Criminology and Criminal Justice, Manonmaniam Sundaranar University, at Kanyakumari, Tamil Nadu, India (11<sup>th</sup> to 13<sup>th</sup> January, 2013).
29. 'Cyber Stalking: Its Extent and Impact on the Social Networking Sites', at the *All India Sociological Conference*, at Cuttack, Bhubaneswar (28<sup>th</sup> December, 2010).

## International conferences/workshops/webinars

30. 'Failed adaptations to mangrove shoreline erosion: implications for socio-economic vulnerability in the Sundarbans' (with Radhika Bhargava, Dan Friess, Miles Kenney-Lazar) at the *6<sup>th</sup> Mangrove, Macro-benthos and Management Conference (MMM) Meeting*, Cartagena, Colombia (24<sup>th</sup>-28<sup>th</sup> July 2023)
31. 'Customary norms and folk ecologies: reflections from artisanal maritime practices in the Indian Sundarbans' (With Raktima Ghosh, Jenia Mukherjee, Souradip Pathak, Shreyashi Bhattacharya, Anuradha Choudry, Priyadarshi Patnaik) at the *4WSFC Asia-Pacific*, Japan (11<sup>th</sup> May 2022).
32. 'Restoration for whom, by whom? Exploring the socio-political dimensions of restoration' (With Marlène Elias, Deepa Joshi, Ruth Meinzen-Dick, Sanjiv da Silva and Juliet Kariuki) at the *Society for Ecological Restoration Webinar Series* (10<sup>th</sup> November 2021).
33. 'Decentring Conservation in the Indian Sundarbans Delta: a Nexus Between Global Ocean Science and Competing Grounded Environmentalities' (with Jenia Mukherjee) at the *26<sup>th</sup> International Congress of History of Science and Technology* (26<sup>th</sup> July 2021)
34. 'Reimagining, Remembering and Reclaiming Water'. Panelist (with Jenia Mukherjee and others) at the *IASC 2021 Water Commons Virtual Conference* (19<sup>th</sup> -21<sup>st</sup> may 2021)
35. 'Academic Social Responsibility in the "Age of Extremes"' at workshop on *Raising Our Voices 2020*, organized by American Anthropological Association (3<sup>rd</sup>-4<sup>th</sup> December 2020, with Jenia Mukherjee, Amrita DasGupta, Tathagata Dutta and Daniel Waqar)

36. 'Coping Mechanism Through Social Skills: exploring climate resilience in the Indian Sundarbans' at the virtual conference on *Voices from the Field – Research on the Climate Crisis*, organized by American Association of Geographers Climate Action Task Force (9<sup>th</sup> April 2020).
37. 'Contested Waterscapes and Complex Fishing Rights in the Coastal Wetlands of Sundarban Biosphere Reserve, West Bengal' at the *First International Conference on Sustainable Fisheries (ICSF) 2019*, organized by the Faculty of Fisheries, Sylhet Agricultural University, at Sylhet, Bangladesh (25<sup>th</sup> to 27<sup>th</sup> August 2019).
38. 'Urban Commons and Placemaking: Exploring Diverse Socio-Ecological Linkages with Lake Commons in Bangalore' at the *First International Association for the Study of Commons Virtual Conference* (12<sup>th</sup> to 30<sup>th</sup> November 2018).
39. 'Politics of conserving the "World Heritage Site": socio-ecological conflicts in the Sundarban, West Bengal' at the *Second Biennial Conference of the Political Ecology Network (POLLEN) on Political Ecology, the Green Economy, and Alternative Sustainabilities* organized by Oslo Metropolitan University, at Oslo, Norway (19<sup>th</sup> to 22<sup>nd</sup> June, 2018).
40. 'A Political Agenda of Biodiversity Conservation: Evidences from Livelihood Vulnerabilities in Sundarban, West Bengal' at the *international conference on Challenging Perspectives on the Indian Diaspora: A Global Conference on Diaspora Studies and Policies* organized by the International Institute of Social Studies, at The Hague, Netherlands (5<sup>th</sup> to 7<sup>th</sup> October, 2017).
41. 'The Discourse of Political Ecology, Conservation and Conflicts in the Protected Areas: A Case Study on Sundarban, India' at the seminar of Ceratonia Foundation on *Towards a Zero Carbon Society* organized by the Department of Sociology, University of Malta, at Malta (29<sup>th</sup> October 2016, in absentia).
42. 'Living at the Edge: Politics of Biodiversity Conservation, Poverty and Livelihood Insecurity in the Sundarbans, India' at the *International Conference of the European Network of Political Ecology (ENTITLE) on Undisciplined Environments* organized by the KTH Royal Institute of Technology, Stockholm, at Stockholm, Sweden (20<sup>th</sup> to 24<sup>th</sup> March, 2016).

#### PhD supervision

1. Madhubarna Dhar (ongoing, jointly with Prof. Archana Patnaik)
2. Gunjan Chowhan (ongoing, jointly with Prof. Jenia Mukherjee)
3. Raktima Ghosh (ongoing, jointly with Prof. Jenia Mukherjee)
4. Priyadarsini Sinha (ongoing, jointly with Prof. Jenia Mukherjee)
5. Alope Majumdar (ongoing, jointly with Prof. Somnath Ghosal)
6. Chhanda Ruj (ongoing, jointly with Prof. Somnath Ghosal)

#### Other Graduate supervision

1. Sujoy Subroto (jointly with Prof. Conny Davidsen, in collaboration with University of Calgary, under MITACS Globalink Research Internship, September- December 2022)

#### Services to the Profession

1. Mentor, Indian Knowledge Systems Division Internship Program 2021-2022, Ministry of Education, Govt of India (2022)
2. Technical Program Committee (TPC) member for International Conference on Sustainable Development Goals and Gender Perspective, organized by Department of Electrical Engineering, Sardar Vallabhbhai National Institute of Technology, Surat, Gujarat (2021)
3. Editorial Advisory Board, *Journal of Political Ecology* (2021-)

#### Services to IIT Kharagpur

1. Faculty volunteer, Spring Fest, December 2019
2. Assistant warden, Mother Teresa Hall of Residence, January 2022- present
3. Member, Faculty Recruitment Committee, Department of Humanities and Social Sciences, 21<sup>st</sup> January 2023- 19<sup>th</sup> February 2023

4. Member, Faculty Recruitment Committee, Department of Humanities and Social Sciences, 13<sup>th</sup> April 2023- 30<sup>th</sup> April 2023
5. Member, Sociology, Post Graduate Committee, Department of Humanities and Social Sciences, 1<sup>st</sup> January 2023- 31<sup>st</sup> December 2025
6. Joint PI, SPICMACAY Committee, March 2023-present

## Recommendations

*On request*