

Curriculum Vitae of Saudamini Das

Current Position: Professor: Institute of Economic Growth, Delhi

URL: <https://iegindia.org/team/saudamini-das/>

Google Scholar: <https://scholar.google.co.in/citations?user=MJWIUjsAAAAJ&hl=en>

Personal: Date of Birth: 3rd May 1961, married with one daughter

Other Associations

- ◆ **Editor** - Ecological Economics (Elsevier) (since September 2019)
- ◆ **Editor** – Cambridge Prisms: Coastal Futures, Cambridge University Press (November 2021)
- ◆ **Member of Jury** – Climate Impacts Advisory Committee, Wellcome Trust, London, UK (since May 2023)
- ◆ **Fellow** - South Asian Network for Development and Environmental Economics (SANDEE), Nepal,
- ◆ **South Asia Representative** - Sustainable Initiative for the Marginal Seas of South and East Asia (An Initiative under Future Earth)
- ◆ **Senior Research Fellow** - Environment for Development (Efd) Initiative, University of Gothenburg, Sweden;
- ◆ **Member** - Centre for research on the Economics of Climate, Food, Energy and Environment (CECFEE), Indian Statistical Institute, Delhi;
- ◆ **Member** - Expert Committee on Research, National Bank for Agriculture and Rural Development (NABARD), Mumbai, India
- ◆ **Måler Scholar**- Beijer Institute of Ecological Economics, Royal Academy of Sciences, Stockholm, Sweden (2011-12)
- ◆ **Member** - Executive Committee (2014-2018) & Life member, Indian Society for Ecological Economics;
- ◆ **Member** - European Association for Environmental and Resource Economists;
- ◆ **Member** - National Scientific Advisory Committee, TROPMET 2016

Award

Kamaladevi Smruti Samman 2019 by **Prachi Youth Organization, Kakatpur, Odisha**

Other recognitions

- ◆ Featured article in Nature Conservancy Magazine on “Mystery of Mangroves”:
<http://www.nature.org/ourinitiatives/regions/northamerica/areas/gulfofmexico/summer-2010-mystery-of-mangroves.xml>.
- ◆ Movie on mangroves by American Museum of Natural History, New York based on PNAS Paper [http://www.amnh.org/explore/sciencebulletins/\(watch\)/bio/news/mangrove-trees-save-lives-in-storms](http://www.amnh.org/explore/sciencebulletins/(watch)/bio/news/mangrove-trees-save-lives-in-storms)

Research areas

Non-market valuation, Cost-benefit analysis, Impact evaluation, Climate change adaptation, Economics of Natural disasters, Cyclones and Heat waves, Loss and damage assessment, Ecosystem Service, Mangroves and other coastal buffers, Coastal vulnerability, Nature based adaptation

Education

PhD in Economics, University of Delhi (2009); M Phil in Economics, Delhi School of Economics, University of Delhi (1987); Masters in Economics, Center for Economic Studies and Planning, Jawaharlal Nehru University, Delhi (1983); Bachelors in Economics, Samanta Chandra Sekhar College, Utkal University, Orissa, India (1981); Intermediate, Samanta Chandra Sekhar College, Utkal University, Orissa (1979); Higher Secondary, Barunei High School, village- Patapur, Board of Secondary Education, Cuttack, Orissa, India (1977)

Previous Teaching and Research Experience

- (i) **Professor**, Swami Shradhanand College, University of Delhi, Feb 2022 – July 2023
- (ii) **NABARD Chair Professor**, Institute of Economic Growth, Feb 2016 - January 2022
- (iii) **Associate Professor** (in research), Institute of Economic Growth, Delhi (May 2012- Feb 2016);
- (iv) **Post graduate Teaching** --M.Com, Delhi School of Economics, University of Delhi (2000 – 2011) & Masters in International Business, Department of Commerce, Delhi School of Economics, University of Delhi (2002 – 2005);
- (v) **Under graduate Teaching** – (a) Dept of Economics, Swami Shradhanand College, University of Delhi (1987 – 2012); (b) Dept of Economics, Daulat Ram

College, University of Delhi (1985-86) & (c) Dept of economics, Sri Ram
College of Commerce (1984-85)

Publications

Journal Articles

1. Gupta, Shreekant and **Das, Saudamini** (2022), “Adapting to a changing climate in India: initiatives, challenges, and future directions” – *EAERE (European Association for Environmental and Resource Economists) Magazine / n.17 Summer/Fall 2022 - Climate Impacts and Adaptation*, pp-30-41.
2. **Das, Saudamini**, P. Jha and A. Chatterjee, 2022, "Assessing marine plastic pollution in India" *Economic and Political Weekly*, Vol. LVII, No.9, 26 Feb., 2022, p57-63.
<https://www.epw.in/journal/2022/9/special-articles/assessing-marine-plastic-pollution-india.html>
3. **Das, Saudamini** and A Mishra, 2021, Adequacy of Social Assistance Schemes during the COVID-19 Lockdown, *Economic & Political Weekly*, December 18, 2021 vol. LVI, No. 51, pp. 39-45.
4. **Das, Saudamini**, 2021. "Environment-Growth Dilemma and Sustainable Development: Walking the Tightrope", *Orissa Economic Journal*, Volume 52, Issue 1, p42-60.
5. **Das, Saudamini**, 2020. Karl-Göran Mäler: the *Adi-Guru* of Environmental Economics, *Ecology, Economy and Society – the INSEE Journal*, 3(2): 223–226, July2020
6. **Das, Saudamini**. Does mangrove plantation reduce coastal erosion? Assessment from the west coast of India. *Regional Environmental Change* **20**, 58 (2020).
<https://doi.org/10.1007/s10113-020-01637-2>

---- Correction to: Does mangrove plantation reduce coastal erosion? Assessment from the west coast of India. *Reg Environ Change* **20**, 98 (2020).
<https://doi.org/10.1007/s10113-020-01670-1>
7. **Das, Saudamini** and Nisha DSouza (2019), “Identifying the local factors of resilience during cyclone Hudhud and Phailin on the east coast of India”, *Ambio*, **49**, 950–961. DOI: 10.1007/s13280-019-01241-7, Available at:
<https://rdcu.be/bSFcf>
8. **Das, Saudamini**, Mani Nepal, Rajesh K. Rai , Laxmi D. Bhatta & Madan S. Khadayat (2019), “Valuing water provisioning service of Broadleaf and Chir

- Pine forests in the Himalayan region”, *Forest Policy and Economics*, 105, 40-51. doi.org/10.1016/j.forpol.2019.05.017
9. Bansal, G & **Das, Saudamini** (2019). Why Coping Cost is An Underestimate of Willingness to Pay? Some Theoretical Explanations Based on Forest Water Link. *Applied Economics & Business*, 2(2), 1-14. Available at: <http://aeb.wyb.ac.lk/index.php/vol2issue2/>
 10. **Das, Saudamini** (2019), “Evaluating climate change adaptation through evacuation decisions: a case study of cyclone management in India”, *Climatic Change*, 152 (2): 291-305, <https://doi.org/10.1007/s10584-018-2292-1>
 11. Nepal M, Rai R K, **Das Saudamini**, Bhatta L D, Kotru R, Khadayat M S, Rawal R S, and Negi G C S (2018), “Valuing Cultural Services of the Kailash Sacred Landscape for Sustainable Management”, *Sustainability* 2018, 10, 3638; [doi:10.3390/su10103638](https://doi.org/10.3390/su10103638)
 12. **Das, Saudamini** (2018), “Unfounded assumptions in linking crop-damaging temperature and suicide in India,” (letter) *Proceedings of the National Academy of Sciences of the United States of America (PNAS)*, January 9, 2018 vol. 115 no. 2 E116, [doi:10.1073/pnas.1715331115](https://doi.org/10.1073/pnas.1715331115)
<http://www.pnas.org/content/115/2/E116.full.pdf>
 13. Rajesh K Rai, Mani Nepal, Laxmi D Bhatta, **Saudamini Das**, Madan S Khadayat, E Somanathan, and Kedar Baral (2017), Ensuring Water Availability to Water Users through Incentive Payment for Ecosystem Services Scheme: A Case Study in a Small Hilly Town of Nepal, *Water Economics and Policy* (Online Ready)
Link: <https://doi.org/10.1142/S2382624X18500029>
 14. **Das, Saudamini** (2017). Moderating the Impacts of Extreme Weather Like Heat Waves Through Public Awareness Campaign. *Public Administration Review, Climate Change Symposium*, July. 2017.
Available at:
http://faculty.washington.edu/aseem/Public_Administration_Review_climate_change_symposium.pdf
 15. **Das, Saudamini**, 2017. Ecological Restoration and Livelihood: Contribution of Planted Mangroves as Nursery and Habitat for Artisanal and Commercial Fishery. *World Development* , 94, page: 492-502,
<http://dx.doi.org/10.1016/j.worlddev.2017.02.010>
 16. **Das, Saudamini**, A. Mitra and R. Kumar, 2017. Do neighbourhood facilities matter for slum housing? Evidence from Indian slum clusters. *Urban Studies*, 54 (8), pp. 1887–1904, 1–17. DOI: 10.1177/0042098016634578
 17. **Das, Saudamini**, 2016. Television is More Effective in Bringing Behavioral Change: Evidence from Heat-Wave Awareness Campaign in India. *World Development* Vol. 88, pp. 107–121, 2016 0305-750X/
<http://dx.doi.org/10.1016/j.worlddev.2016.07.009>

18. **Das, Saudamini**, 2015. Temperature increase, labour supply and cost of adaptation in developing economies: Evidence on urban workers in informal sectors. *Climate Change Economics*, Vol. 6, No. 2, 1550007-31. DOI: 10.1142/S2010007815500074
19. **Das, Saudamini** and H. Sandhu, 2014. Role of Exotic Vegetation in Coastal Protection: An Investigation into the Ecosystem Services of Casuarina in Odisha. *Economic and Political Weekly*, Vol. XLIX, No. 1, pp 42-50.
20. **Das, Saudamini** and Crépin, A.-S. 2013. Mangroves can provide protection against wind damage during storms. *Estuarine, Coastal and Shelf Science*, Vol. 134, 98-107. <http://dx.doi.org/10.1016/j.ecss.2013.09.021>
21. **Das, Saudamini** and Kanchan Chopra, 2012. Towards ‘Green Growth’: Measuring the Trade-off between Conservation of Protected Areas and Hydel Power Generation. *Economic and Political Weekly*, Vol. XLVII, no 51, 59-68.
22. **Das, Saudamini** and Stephen C. Smith, 2012. Awareness as an Adaptation Strategy for Reducing Mortality from Heat Waves: Evidence from a Disaster Risk Management Program in India. *Climate Change Economics*, Vol.3, No. 2, 1250010-39. DOI: 10.1142/S2010007812500108
23. **Das, Saudamini**, 2012. The role of natural ecosystem and socio-economic factors in the vulnerability of coastal villages to cyclones and storm surge. *Natural Hazards*, Vol. 64, 531-546. DOI: 10.1007/s11069-012-0255-9
24. **Das, Saudamini**, 2011. Examining the Storm Protection Services of Mangroves of Orissa during the 1999 Cyclone. *Economic and Political Weekly*, Vol XLVI, No 24, pp 60-68.
25. Parikh, Jyoti and S. Das, 2010. Gender Audit of the National Energy Policy in India, e-net Issue 2/2010, *Gender and Energy* (on line)
26. Vincent, J R and **Saudamini Das**, 2009. Reply to Baird et al--Mangroves and storm protection. Getting the numbers right. *Proceedings of the National Academy of Sciences, USA*, vol. 106, No. 40, E112 (letter).
27. **Das, Saudamini** and Jeffrey R Vincent, 2009. Mangroves protected villages and reduced death toll during Indian Super Cyclone. *Proceedings of the National Academy of Sciences, USA*, vol. 106, No. 18, PP: 7357-7360.

Book Published:

1. A Mitra, **Saudamini Das**, A Tripathy, T K Sarangi and T Ranganathan (2021). *Climate Change, Livelihood Diversification and Well-Being: A Case of Rural Odissa*, Springer Briefs in Economics, Springer Nature Singapore, ISBN 978-981-16-7048-0

Book chapters

1. **Das Saudamini.** (2022) Valuing the Role of Mangroves in Storm Damage Reduction in Coastal Areas of Odisha. In: Enamul Haque A., Mukhopadhyay P., Nepal M., Shammin M.R. (eds) *Climate Change and Community Resilience*. Springer, Singapore. pp 257-273.
2. **Das, Saudamini (2019).** Evaluation of Mangrove Ecosystem Services: Methodological and Data Challenges in Anshuman Gupta and Narendra N Dalei Eds. *Energy, Environment and Globalization: Recent Trends, Opportunities and Challenges in India*. Singapore: Springer. 2019 (ISBN: 978-981-13-9309-9)
3. Shyamsundar P, **Das Saudamini**, and Nepal M (2018), “Forest Dependence and Poverty in the Himalayas—Differences Between India and Nepal”, chapter in V. Dayal et al. (eds.), *Ecology, Economy and Society*, https://doi.org/10.1007/978-981-10-5675-8_12 © Springer Nature Singapore Pte Ltd. 2018
4. **Das, Saudamini** and Stephen C Smith, 2017. Can Educational Campaigns Promote Successful Adaptation to Climate Change? Evidence from a Heat Wave Awareness Program in Odisha. In *Global Change, Ecosystems, Sustainability: Theory, Methods, Practice* edited by P Mukhopadhyay, N Nawn and K Das, Sage Publications India Pvt Ltd, New Delhi, pp-156-164.
5. **Das, Saudamini**, 2016. The Economics of Natural Disaster in Odisha. In *The Economy of Odisha: A Profile*, edited by Pulin B. Nayak, Santosh C. Panda and Prasanta K. Pattanaik, Oxford University Press, New Delhi, pp.266-301. ISBN-13:978-0-19-946478-4
6. **Das, Saudamini**, 2015. Effects of Climate Change and Heat Waves on Low Income Urban Workers: Evidence from India. In *Inequality and Climate Change: Perspectives from the South*, edited by Gian Carlo Delgado Ramos, Dakar, CODESRIA (Council for the Development of Social Science Research in Africa), pp. 171-189, ISBN : 978-2-86978-645-5
7. **Das, Saudamini**, 2011. Can Mangroves Stem Property Loss during Big Storms? An Analysis of House Damages due to the Super Cyclone in Orissa. In *Valuing the Invaluable: The Practice of Environmental Valuation in South Asia*, edited by A. K. Enamul Haque, M. N. Murthy and P. Shyamsunder, Oxford University Press, New Delhi, pp.170-210. ISBN: 978-1-107-00714- 7
8. **Das, Saudamini**, 2010. Valuing the Storm Protection Services of Mangroves: Methodological and Data challenges. In *Valuation of Regulating Services of Ecosystems: Methodology and Applications*, edited by Pushpam Kumar and Mike Wood, Rutledge, London, pp. 123-150. ISBN-13:978-0-415-56987-3

9. **Das, Saudamini**, 2007. Storm Protection Values of Mangroves in Coastal Orissa. In *Ecology and Human Well-Being*, edited by Pushpam Kumar and B. Sudhakar Reddy, Sage Publications, New Delhi, pp. 197-212. ISBN: 9780761935537

Working Papers

1. **Das, Saudamini** (May, 2023). Should the attainment of Sustainable Development Goals be fast-tracked to build back better after the COVID pandemic? *IEG Working Paper No.457*
2. Satarupa Chakravarty, Sukanya Das and **Saudamini Das**, (Nov, 2021). Unreliable Public Water Supply and Coping Mechanisms of Low-Income Households in Delhi. *IEG Working Paper No. 448*
3. **Das, Saudamini** and Mitra, Arup (April 2021). Does climate change perception make livelihood diversification more effective? Evidence from the consumption mobility study of rural households, *IEG Working Paper No. 425*
4. **Das, Saudamini** and A. Mishra, 2020, "COVID lockdown, how people managed and impact of welfare schemes on informal sector workers: Evidence from Delhi slums, *IEG Working Paper No. 409, Delhi*
5. **Das, Saudamini**, Prabhakar Jha & Archana Chatterjee, "Assessing Marine Plastic Pollution in India", 2020, *IEG Working Paper No. 389*
6. **Das, Saudamini**, 2015. "Evaluating the Role of Media in Averting Heat Stroke Mortality: A Daily Panel Data Analysis", *South Asian Network for Development and Environmental Economics (SANDEE) Working Paper No. 103–15*, PO Box 8975, EPC 1056, Kathmandu, Nepal.
7. **Das, Saudamini**, 2014. "Heat waves decrease labour supply: Evidence on low-income urban workers in weather-exposed occupations" *Institute of Economic Growth Working Paper No E/338/2014*
8. **Das, Saudamini** and Stephen C. Smith, 2012. "Awareness as an Adaptation Strategy for Reducing Mortality from Heat Waves: Evidence from a Disaster Risk Management Program in India, Working Paper, No 72–12, *South Asian Network for Development and Environmental Economics (SANDEE) Working Paper, PO Box 8975*, EPC 1056, Kathmandu, Nepal.
9. **Das, Saudamini** and Stephen C. Smith (2012), "Awareness as an Adaptation Strategy for Reducing Mortality from Heat Waves: Evidence from a Disaster Risk Management Program in India", *IIEP-WP-2012-06, Institute for International Economic Policy Working Paper Series, Elliott School of International Affairs, The George Washington University*.
10. **Das, Saudamini** (2009), "Can Mangroves Minimise Property Loss during Big Storm? An Analysis of House Damage due to the Super Cyclone in Orissa", *South Asian Network for Development and Environmental Economics (SANDEE) Working Paper No 42-09*, Kathmandu, Nepal.

11. **Das, Saudamini** (2009), “Addressing Coastal Vulnerability at the Village level: Role of Socio-economic and Physical Factors”, *Institute of Economic Growth Working Paper No E/295/2009*, Delhi.
12. **Das, Saudamini** (2008), “Mangroves Provide Protection during Cyclones: Evidences from the Super Cyclone of October 1999 in India”, *Fondazione Eni Enrico Mattei (FEEM) Working Paper / Doctoral Series, 2.08, Milano, Italy*
13. **Das, Saudamini**, 2007. “Storm Protection by Mangroves in Orissa: An Analysis of the 1999 Super Cyclone,” *South Asian Network for Development and Environmental Economics (SANDEE) Working Paper No 25-07*, Kathmandu, Nepal.

Policy Briefs from research:

1. Nepal, M., **Das, Saudamini**, Rai, R.K., Bhatta, L.D., Somanathan, E., Kotru, R., Khadayat, M.S., Rawal, R.S., and Negi, G.C.S. (2017). Assessing Ecosystem Services in the Kailash Sacred Landscape, *ICIMOD-SANDEE- GBPNIHESD Policy Brief, Number 2017/1*, June 2017
2. Das, S, (2016), Media and awareness campaigns are effective in reducing the impact of heat waves, *SANDEE Policy Brief Number 97–16*, 2016
3. Das, S and Sandhu, H (2014), “Casuarina Monocultures are not Effective Coastal Shelterbelts: Some evidence from Odisha”, *Institute of Economic Growth Policy Brief, 8/2014*
4. Das, S (2012), “Do Awareness Campaigns Save Lives? Assessing the Odisha Government’s Efforts to Reduce the Impacts of Heat Waves”, *SANDEE Policy Brief, Number 64-12*, November 2012
5. Das, S (2007), “Mangroves - A Natural Defense against Cyclones: An investigation from Orissa, India”, *SANDEE Policy Brief, Number 24-07*, September 2007

Research Supervision

PhD

1. Amit Pandey, Teri University (Co-supervisor with Dr. Kavita Sardana): *Ecological and Economic Significance of Sacred Forests of Kachchh, Gujarat: An Arid Bio-geographic Province of India (Degree awarded)*
2. Aparajita Agnihotri, Department of Environmental Studies, University of Delhi (Co-supervisor with Professor Radhey Shyam Sharma): *Climate Change and Natural resource management (ongoing)*

MSc Thesis Supervision

1. Sheen Bhayana (*Department of Policy Studies, Teri School of Advanced Studies (formerly Teri University)*): **Economic Valuation of Urban Parks: A Case Study of Lodi Garden (2023)**
2. Amulya Verma (*Department of Policy Studies, Teri School of Advanced Studies (formerly Teri University)*): **Socio-Ecological Adaptation in response to Climate Stress across different altitudes (2023)**
3. Swosti Subhrajyoti Sahoo (*Department of Policy Studies, Teri School of Advanced Studies (formerly Teri University)*): **Cyclone and Resilience – Case of Puri District and Cyclone Fani**
4. Sampret Kaur (Teri University): **Economic and health implications of a landfill site: A health production function approach (2018)**
5. Jitesh Yadav (Teri University): **Estimating air pollution related health damage of traffic policemen in Faridabad (2018)**
6. Satarupa Chakravarthy (Teri University): **Unreliable public water supply and coping mechanisms of low income households in Delhi (2017)**

Reviewer for Journals

Proceedings of National Academy of Sciences (PNAS), World Development, Land Degradation and Development, Frontiers In Forest And Global Change, Cities, Journal of Quantitative Economics, Climate Change Economics, Environment and Development Economics, Ecosystem Services, Ecological economics; Estuarine, Coastal and Shelf Sciences; Land Degradation and Development; International Journal of Environment and Sustainable Development; Advances in Geosciences (ADGEO); International Journal of Disaster Risk Reduction (IJDRR), Biodiversitas Journal of Biological Diversity

Projects ongoing and Completed

Sl. No.	Year	Title and Funding
1	2023-24	<i>Impact of Adaptation Fund funded coastal adaptation projects on women empowerment, and coastal poverty: A comparative study on India and Tanzania</i> (with Co-PI Dr Yusuph John Kulindwa, Moshi Cooperative University, Tanzania) This study is financed by EfD and will measure the long term impact of externally funded (funded by AFB) climate change adaptation projects on poverty and women empowerment of vulnerable coastal population. It's a cross country analysis between India and Tanzania.
2	2022-23	<i>Analyzing the Differential Performance in the Adoption of Kisan Credit Card (KCC) Scheme in the States of Uttar Pradesh,</i>

		<p><i>Bihar and West Bengal</i> This study financed by NABARD tries to find out the drivers of low KCC take up in these states, based on survey data.</p>
3	2022	<p><i>Changing Structure of Rural Livelihood in context of climate change</i> This study financed by NABARD, analyses the livelihood patterns for rural India from secondary data.</p>
4	2019-20	<p><i>Meghna Basin Socio-ecological Analysis</i> This study is sponsored by International Union for Nature Conservation (IUCN) and will conduct a socio-ecological analysis of Barak-Meghna river basin in North-East India. This study has Ratul Mohanta, Gauhati University as the Co-PI.</p>
5	2019-20	<p><i>Impact Evaluation of Climate Change Adaptation Projects undertaken by NABARD under the Adaptation Fund (AF) and National Adaptation Fund for Climate Change (NAFCC)</i> This study will evaluate four projects financed by the UNFCCC Adaptation Fund Board (AFB) and implemented in AP, MP, WB and Uttarakhand states of India.</p>
6	2018-20	<p>‘Effects of heat on the incomes of workers in the informal sector’ (with Professor E. Somanathan, ISI, Delhi) This study will be done for <i>Environment for Development (EfD) Initiative</i> of University of Gothenburg. I am the PI of the project and will bring out the economic impact of heat waves on poor slum dwellers and how they are coping up with such extreme events.</p>
7	2017-19	<p>‘Climate change, livelihood diversification and well-being in rural Odisha’ for Indian Council for Social Science Research (ICSSR), Delhi This is a climate change impact and adaptation assessment study in state of Odisha. I am the second co-PI of the project with Prof. A. Mitra as PI and other ex-IEG colleagues A. Tripathy, T Sarangi, and T Ranganathan as other co-PIs.</p>
8	2018	<p>‘Status and Consequences of Marine Plastic Pollution in India: A framework for economic impact assessment’ for MFF, IUCN India This study assessed the quantum of plastic being dumped by Indians to ocean with the help of stake holders’ consultation, focus group discussion, expert opinion, field visits, literature survey, and simulation analysis. I was the principal investigator responsible for study design, implementation and report writing. IUCN team members provided logistical and some design support.</p>
9	2016-17	<p>‘Trade-off between economic activities and ecological index: Measuring the impact of upstream mining and industrial activities on mangroves and ecological diversity of</p>

		<p>Bhitarkanika wild life sanctuary’ for Mangrove For Future, IUCN India.</p> <p>This study was an ex-ante evaluation of the possible impacts of developmental policies of Government of Odisha for Brahmani and Baitarani river basins that support Bhitarkanika mangrove regions. The evaluation was at the landscape level and possible impacts were projected till 2050.</p>
10	2015-17	<p>Valuing Ecosystem Services of Kailash Sacred Landscape” for International Center for Integrated Mountain Development (ICIMOD), Kathmandu</p> <p>I was the second PI of the study and as an ecosystem and valuation expert, was responsible for the valuation of the hydrological services of different forest types in upper Himalayan region. Other team members investigated other issues like valuation of cultural services, payment for ecosystem services etc.</p>
11	2015-16	<p>‘Evaluating the role of coastal ecosystems in enabling resilience of coastal communities post a natural disaster’ for Mangrove For Future (MFF), International Union for Conservation of Nature (IUCN), Delhi</p> <p>I was the PI and only researcher and evaluated the role of socio-economic features and coastal ecosystems like Cashew, Palmyra, Casurina, etc in building resilience of coastal fishermen community during cyclone Hudhud in Andhra Pradesh.</p>
12	2013-15	<p>“Accounting for regenerated forests: Evaluating the flow of Ecosystem Services from regenerated mangroves compared to original mangrove forest’ for Ministry of Environment, Forest and Climate Change, Government of India (MOEFCC) and Deutsche Gesellschaft fuer Internationale Zusammenarbeit (GIZ) GmbH, Germany</p> <p>I was the PI and only researcher and this study was an impact evaluation of planted mangroves by state of Gujarat on fishery sector of the state.</p>
13	2014	<p>‘Lessons learnt from Cyclone Phailin on Community Preparedness, Response and Role of State Institution: Outlining the Resilience Building Approach to Disaster Management for the State of Odisha’ for Odisha State Disaster Management Authority (OSDMA), Government of Odisha and UNDP Odisha, Bhubaneswar</p> <p>I was the PI and only researcher and evaluated the ten year old cyclone preparedness efforts of Government of Odisha and UNDP, undertaken during Disaster Risk Management (DRM) project (2002-2007).</p>
14	2013	<p>‘Climate Change and cost of labour market adaptation to global warming in developing economies’ for Institute of Economic Growth, IDRC Seed grant program.</p>

		I was the PI and only researcher and measured the private cost of adaptation per heat wave day for daily wage labourers in Bhubaneswar and Sambalpur.
15	2010-13	‘Adaptation to Heat Waves: Evaluating the role of Awareness Campaign as an effective strategy to avert health risk’ for the South Asian Network for Developmental and Environmental Economics (SANDEE), Nepal I was the PI and only Researcher and evaluated the impact of awareness program undertaken by Government of Odisha during the DRM Project. The evaluation was in terms of reduction in heat wave mortalities for the state.
16	2009	‘India Environmental Outlook 2030: Opportunities for growth in the ecologically fragile hill state of Himachal Pradesh’ for the Office of the World Bank, New Delhi I was the junior researcher with Kanchan Chopra, the PI and did data analysis and projection of different development scenarios for Himachal Pradesh.
17	2005-07	‘Evaluation of storm protection services of mangroves during the Super Cyclone of October 1999 in Orissa’ for the South Asian Network for Developmental and Environmental Economics (SANDEE), Nepal I evaluated whether mangroves provide storm protection during cyclone and proved that they do. This study was one of the most internationally acclaimed high profile study resulting in policy impacts at regional, national and global level.

Research Reports

1. **Das, Saudamini**, “Mid-Term Evaluation Report of Four Adaptation Fund Supported projects in India” submitted to NABARD HO, Mumbai
2. **Das, Saudamini** and R. Mahanta, “Meghna Basin Socio Economic Analysis – India”, 2020, Report submitted to International Union for Conservation of Nature and Natural Resources (IUCN), Asia Regional Office , Bangkok
3. **Das, S.**, Jha, P., Chatterjee, A., Sharma, S., (May 2018), Status and Consequences of Marine Plastic Pollution in India: A framework for economic impact assessment, Submitted to *Mangrove For Future (MFF), International Union for Conservation of Nature (IUCN)*, Delhi Office
4. **Das, Saudamini** (September 2017). *Tradeoff between economic activities and ecological index: Measuring the impact of upstream mining and industrial activities on mangroves and ecological diversity of Bhitarkanika Wild Life Park.*

- Submitted to *Mangrove For Future (MFF), International Union for Conservation of Nature (IUCN)*, Delhi Office
5. Nepal, M., **Das, S.**, Rai, R.K., Bhatta, L.D., Somanathan, E., Kotru, R., Khadayat, M.S., Rawal, R.S., and Negi, G.C.S. (2017). *Valuation of ecosystem services in the Kailash Sacred Landscape. SANDEE-ICIMOD Research Report*, 2017/2. Kathmandu: ICIMOD
 6. **Das, Saudamini** (2016). *Role of coastal ecosystems in enabling resilience of coastal communities post a natural disaster*. Submitted to *Mangrove For Future (MFF), International Union for Conservation of Nature (IUCN), Delhi Office*
 7. **Das, S** (2015), Research report on “Accounting for regenerated forests: Evaluating the flow of Ecosystem Services from regenerated mangroves compared to original mangrove forest”, Submitted to *Ministry of Environment, Forest and Climate Change, Government of India and Deutsche Gesellschaft fuer Internationale Zusammenarbeit (GIZ) GmbH, Germany*, May 2015
 8. **Das, S** (2014), Research Report on the study “Lessons learnt from Cyclone Phailin on Community Preparedness, Response and Role of State Institution: A Report outlining the Resilience Building Approach to Disaster Management for the State of Odisha” Submitted to **Odisha State Disaster Management Authority, Government of Odisha and UNDP Odisha, Bhubaneswar**, October, 2014
 9. Chopra, K and **S. Das** (2010), Report on “India Environmental Outlook 2030: Opportunities for growth in the ecologically fragile hill states: a study of Himachal Pradesh”, Submitted to **World Bank, Delhi Office**, April 2010.

Other publication

1. **Das, Saudamini** (2016), “Coastal Marine Ecosystems and Ecosystem Services” background paper in ‘*TROPMET 2016*’ Souvenir published for the international symposium on ‘Tropical Meteorology: Climate Change and Coastal Vulnerability’ as a part of the Diamond Jubilee Year Celebration of the Indian Meteorological Society (IMS) by the Bhubaneswar Chapter of IMS.

Workshops Trainings Organized

1. Young researchers Workshop on **Ecosystem Restoration and Rural Livelihood** during 8-9 March 2018 at Institute of Economic Growth
2. Young researchers research **methodology workshop on Impact Evaluation Techniques** during 6-10th February 2017 at Institute of Economic Growth

3. A special session on “**Resilience to coastal disasters: pathways to resilience-building of vulnerable coastal communities**” for the *first SIMSEA (Sustainable Initiative for the Marginal Seas of South and East Asia) Symposium* held in University of Philippines, Velasquez St., Diliman, Quezon City 1101, **Philippines** during 26-28 September, 2016. Presented her research on “*Resilience to natural disasters: Analyzing the role of coastal ecosystems in enabling resilience of coastal communities post a natural disaster*” at the Symposium.
4. A special panel on “**Coastal Ecosystems**” for the *TROPMET 2016*, international conference organized by Indian Meteorology Department (Bhubaneswar), Indian Institute of Technology (Bhubaneswar), Government of Odisha and Siksha O’ Anusandhan University, Bhubaneswar during 18-21 December 2016 as a part of the Diamond Jubilee Year Celebration of the Indian Meteorological Society.

Referees

1. **Jeffrey R Vincent**, Clarence F. Korstian Professor of Forest Economics and Management, University Program in Environmental Policy (UNEP), 4108 Grainger Hall, Duke University, Durham, NC 27708, USA
Phone: +1 (919)613-8025, Email: jeff.vincent@duke.edu
2. **Stephen C. Smith**, Professor of Economics and International Affairs, Former Director of Institute for International Economic Policy (2009-2012, 2015-2017) , The George Washington University - Economics Department, Monroe Hall 306, 2115 G Street NW, Washington, DC 20052,
Phone: +1 (202) 994-5320, Fax: +1 (202) 994-5477
Email: ssmith@gwu.edu
3. **Professor E. Somanathan**, Room-215, Economics and Planning Unit, Indian Statistical Institute, 7, S. J. S. Sansanwal Marg, New *Delhi* – 110016,
Phone: 011-4149 3939, Email: som@isid.ac.in

In Press/quoted:

Mongabay India: Just representation in climate policies empowers women, says Saudamini Das

Evidence-driven strategy of [women’s representation in climate policies can prove effective in their empowerment, says Das.](#)

<https://india.mongabay.com/2022/08/interview-just-representation-in-climate-policies-empowers-women-says-saudamini-das/>

Nature in Focus: Casuarina: Cure Or Cause For Concern? <http://surl.li/bmzix>

According to Saudamini Das, an economist who has studied the effectiveness of Casuarina trees as bio-shields against cyclones, the truth is contrary to popular belief...

(Indian Express) Das, Saudamini: Why covid mortality rate is low in some states: State that fared better on sustainable development goals have better managed the pandemic, 12th July 2021

(Financial Express) Mohpatra, Trilochan; BIRTHAL, Pratap and **Das, Saudamini**: Sustainable Agriculture: Incentive ecosystem services, November 9 (Monday), 2020.

<https://epaper.financialexpress.com/c/56235822>

(Indian Express) Delhi: 'Slum residents would have got twice the benefits if they had all documents',

<https://indianexpress.com/article/cities/delhi/delhi-slum-residentsdelhi-would-have-got-twice-benefits-documents-6536371/>

Quartz India report (Sept 8th): How climate change will hurt India's already wounded economy

<https://qz.com/india/1898213/how-climate-change-will-hurt-indias-already-wounded-economy/>

Expert comment on economic impacts of heat waves (Al Jazeera report):

<https://www.aljazeera.com/ajimpact/indian-summer-heat-waves-bad-people-economy-190705104727560.html>

Odisha needs to embrace resilient construction to tackle cyclones of this scale

<https://www.natureasia.com/en/nindia/article/10.1038/nindia.2019.71>

Professor Saudamini Das talks about Cyclone Fani and Odisha's cyclone management system

<https://efdinitiative.org/india/news/1/professor-saudamini-das-talks-about-cyclone-fani-and-odishas-cyclone-management-system/6093>

Upping the ante for disaster management in cyclone-prone Odisha

<https://india.mongabay.com/2019/05/strengthening-natural-barriers-managing-psychosocial-trauma-should-be-next-steps-in-disaster-management/> 8th May

Evacuation measures during cyclones in Odisha:

<https://www.indiawaterportal.org/articles/evacuation-measures-during-cyclones-odisha>

Rebuilding woes in the wake of Cyclone Fani

<https://indiaclimatedialogue.net/2019/05/10/rebuilding-woes-in-the-wake-of-cyclone-fani/>, 10th May 2019

Interview on the blog of the Economics Society, Econ After Hours, St. Stephen's College, DU:

<https://econafterhoursssc.wordpress.com/2019/02/26/interview-with-dr-saudamini-das/>

Carbon credit to Biogas Plants

<https://indiaclimatedialogue.net/2019/02/25/biogas-eases-pressure-on-maharashtra-forests-a-multimedia-report/>

Climate variability and health

<https://indiaclimatedialogue.net/2018/05/21/climate-variability-affects-mental-health-among-rural-poor/>

Five states home to over 50% of India's slums: Chhattisgarh, Odisha, Jharkhand, Tamil Nadu and Bihar top list

<http://www.firstpost.com/india/five-states-home-to-over-50-of-indias-slums-chhattisgarh-odisha-jharkhand-tamil-nadu-and-bihar-top-list-4177779.html>

http://www.business-standard.com/article/current-affairs/five-states-have-half-of-india-s-slums-research-117102900136_1.html

Rethinking India's Slum Resettlement Policy:

<https://www.citylab.com/solutions/2017/06/a-case-for-improving-not-relocating-indias-urban-slums/529710/>

There's a simple reason why Indians return to the slums after they've been given better housing:

<https://qz.com/1003519/attached-baths-running-water-street-lights-what-indias-slum-dwellers-seek-in-a-home/>

Feeling the heat: Can TV ads change how we act?

http://emiguel.econ.berkeley.edu/assets/miguel_media/740/Collidoscope_The_Wire_Of_Segmented_Markets_Intimate_Relationships_and_War.pdf

India, Pakistan feels the heat:

http://www.chinadailyasia.com/business/2013-08/23/content_15084445.html

Media campaign effective in combating heat wave mortality:

<http://bigwire.in/2016/08/25/media-campaign-effective-in-combating-heat-wave-mortality/>

Media And Lowering Temperatures:

<http://theindianeconomist.com/media-and-lowering-temperatures/#>

<https://www.linkedin.com/company/the-indian-economist/comments?topic=6179284724700278784&type=U&scope=6413426&styp=C&a=7cBS>

<https://twitter.com/TieSpeaks/status/773476663728320513>

<https://plus.google.com/u/0/+TheindianeconomistSpeaks/posts/SRTytM8n5kh>

<https://www.facebook.com/TheIndianEconomist/posts/1204475396258844>

Mangrove work in press:

<http://www.hindustantimes.com/News-Feed/Bhubaneswar/Mangroves-best-defence-against-cyclones/Article1-255827.aspx>

<http://m.oneindia.in/news/2009/04/15/mangroveforests-saved-lives-in-indian-super-cyclone-in1999.html>

<http://www.sciencedaily.com/releases/2009/04/090414172924.htm>

<http://www.scidev.net/en/news/mangroves-protect-coastal-villages-during-cyclones.html>

http://www.redorbit.com/news/science/1669832/mangroves_can_save_lives_in_cyclones/

http://www.econbiz.de/en/search/detailed-view/doc/mangroves-a-natural-defense-against-cyclones-an-investigation-from-orissa-india-das-saudamini/10005487691/?no_cache=1

<http://www.universityworldnews.com/article.php?story=20090416200117863>

<http://www.thehindu.com/books/field-notes-from-environment-researchers/article584275.ece>

<http://newindianexpress.com/states/odisha/article119016.ece?service=print>

You tube

1. “Economic cost-benefit analysis of coastal land” at UNDP workshop, Bangkok, October 2012

<http://www.youtube.com/watch?v=zM4tgAYhr5A>

2.”Assessing whether adapting to heat waves works” at UNDP workshop, Bangkok, October 2012

<http://www.youtube.com/watch?v=bdGEn-yu0Ss>

Specialized courses attended:

- 1.“Valuing and Designing Payment Systems for Ecosystem Services”, pre-conference course organized by Beijer Institute of Ecological Economics before the 22nd EAERE Conference, ETH Zurich, Switzerland, 21-22nd June, 2016
- 2.“Economics of Environmental Regime Shifts” pre-conference course organized by Beijer Institute of Ecological Economics before the 19th EAERE Conference.
- 3.“Economics of Tiger Conservation”, organized by Conservation Strategy Fund, Duke Environmental Leadership Program, The World Bank Institute and Global Tiger Initiative at the Duke University, North Carolina, USA, Nov 2010
- 4.“Applying game theory and behavioral economics to the environment”, pre-conference course organized by the Beijer Institute of Ecological Economics at University of Qubec, Montreal, Canada, June 2010 before World Congress on Environmental and Resource Economics, 2010
- 5.“Advanced Econometrics” organized by SANDEE, Kathmandu, July 2007

6. “Econometrics and training in STATA” organized by SANDEE, Colombo, Sri Lanka, December 2005.
- 7.10 (Ten) Research and Training workshops of SANDEE between 2005-07 and 2010-12

Oral Presentations of Research: *As resource person*

1. **Climate Adaptation Governance in India-Making small farmers adapt**, Panel discussion on “environment and climate change” organized by Economics Department of **Indian Institute of Foreign Trade, Kolkata**, 24th May 2022
2. Theory of Consumer Choice, 96th Foundation Course for IAS officers Trainees during 14-18th Feb 2022 at the **Lal Bahadur Shastri National Academy of Administration (LBSNAA)**, Mussoorie.
3. Theory of Cost, 96th Foundation Course for IAS officers Trainees during 14-18th Feb 2022 at the **Lal Bahadur Shastri National Academy of Administration (LBSNAA)**, Mussoorie.
4. Estimating interdisciplinary model in Ecological Economics Research, Plenary lecture, International Workshop on Research Methodology and Doctoral Colloquium, 28th January 2022, **Dept. of Economics, University of Kerala, Thiruvananthapuram, Kerala**
5. **“Mangroves for coastal resilience against natural disasters”**, lecture at the CIFOR & WII Workshop on “MANGROVE RESEARCH IN INDIAN SUB-CONTINENT: RECENT ADVANCES, KNOWLEDGE GAPS AND FUTURE PERSPECTIVES” 9th December 2021
6. **“Concept of Total Economic Valuation (TEV) in forestry”**, lecture at In-service SFS officers and Senior FRO’s one week online training course on ECOSYSTEM APPROACH TO FOREST MANAGEMENT (EAFM), Central Academy for State Forest Service, Ministry of Environment, Forest and Climate Change, Government of India P.O. New Forest, Dehradun – 248006. 15th November 2021
7. The Economics of Marine Plastic Pollution in India, Plenary lecture, Refresher Course on Economics & Econometrics, UGC – HUMAN RESOURCE DEVELOPMENT, CENTRE, Bharathiar University, Coimbatore - 641 046, 15th Nov 2021
8. Evaluating disaster management policy through evacuation decisions: Why social heterogeneity can be a limiting factor?, *Open Lecture, Jindal School of Government and Public Policy (JSGP)*, 6th October 2021
9. Cyclone Risk Management, Coastal Vulnerabilities and Adaptation, *Refresher Course in Environmental Studies, UGC-Human Resource Development Centre, Jawaharlal Nehru University, Delhi*. 29th September 2021
10. Social Cost Benefit Analysis, QIP short term course on Quantitative Approaches to Decision Making, **IIT Kanpur**, 13th March 2021

11. Ecosystem Based Approach for Sustainable Coastal Management in the context of Climate Change, Plenary Lecture, *TiMS 2021, ITM University Gwalior, 19th February, 2021*
12. **Climate Adaptation Governance in India-Making small farmers adapt**, *Lecture for Climate Governance class of Nives Dolsak, Stan and Alta Barer Professor in Sustainability Science & Director, School of Marine and Environmental Affairs, University of Washington Seattle, 10th February 2021*
13. Valuation of Mangrove Ecosystem Services, *Online Guest lecture: 41st PG Diploma Course in Advanced Wildlife Management, Wildlife Institute of India, Dehradun, Uttarakhand, 24th June 2020*
14. Environment – Growth Dilemma and Sustainability, Plenary Talk, **52nd Annual Conference of Orissa Economic Association, Parala Maharaja Engineering College, Berhampur, Odisha, 8th February 2020**
15. Measuring Ecosystem Services from Agriculture: Framework of Assessment - **Brainstorming Workshop on Payment for Ecosystem Services in Agriculture, NAAS Committee room 1, NASC, DPS Marg, New Delhi, 31st October 2019**
16. Non-market Valuation to measure Well-Being, **South Asia University, 29th August, 2019, Delhi**
17. Market Failure and Environmental Economics, *Environmental Economics lecture, Vivekanand Institute of Professional Studies, 12th February 2019, Delhi*
18. Accounting for nature: Non-market valuation and well-being, **The Economics Society, St. Stephen's College, Delhi, 8th February 2018**
19. Harnessing critical resources – the case for water and cultural services from Kailash Sacred Landscape, **Celebrating International Mountain Day (11 December 2018)** Workshop cum Brainstorming on 'Himalaya Matters for Ecological and Economic Security', **Indian National Science Academy, New Delhi**
20. Socio-Economic Indicators Related to Agricultural Sustainability and Risk Management, *National Workshop on Sustainability of Indian Agriculture: Socio-Economic Perspective, NASC Complex, PUSA Institute, New Delhi 27th November 2018*
21. Human Activity and Catastrophic Natural Events: Understanding the Interlinkages, *Panel discussion on the topic "Human Activity and Catastrophic Natural Events: Understanding the Interlinkages", Jesus and Mary College, Delhi, 8th October 2018*
22. Climate Change & Environmental Concerns for Business, **Shri Guru Tegh Bahadur Khalsa College, University of Delhi, Delhi 11th October 2018**
23. Economic consequences of marine plastic pollution in India, *IUCN-ONGC Workshop on "Beat Plastic Pollution: From Rivers to the Oceans", ONGC Auditorium, Vasant Kunj, Delhi, 20th June 2018*
24. Ecosystem Services Approach for Sustainable Natural Resource Management" *Faculty Development Program, Dayal Singh College, University of Delhi, 5th June 2018*

25. Evaluation of mangrove ecosystem services: overcoming methodological and data challenges, *National Seminar on “Agriculture and Ecosystem Services”*, **ICAR-National Institute of Agricultural Economics and Policy Research, New Delhi, 28th May 2018**
26. Demand for Environmental goods and services- Theoretical aspects, Probationary Training of Indian Statistical Service (ISS) Officers, **Institute of Economic Growth, Delhi 26th February 2018**
27. Measuring the value of Ecosystem Services, Probationary Training of Indian Statistical Service (ISS) Officers, **Institute of Economic Growth, Delhi 27th February 2018**
28. Measuring Impacts – Difference-in-Differences and Randomized Control Trial, Training Course on Research Methodology in Social Sciences, **Council for Social Development, Lodi Estate, Delhi 20th December 2017**
29. Methodological aspects in conducting impact evaluation studies, Training Course on Research Methodology in Social Sciences, **Council for Social Development, Lodi Estate, Delhi 20th December 2017**
30. Ecosystem Services Approach for Sustainable Natural Resource Management, **Keynote lecture** at National Seminar on Sustainable Management of Natural Resources, Department of Economics, **Ravenshaw University, Cuttack, 25th November 2017**
31. Estimating Count models in Environmental research: STATA exercises, Lecture 4 to MA Eco students of **University of Petroleum and Energy Studies, Dehradun, 12Th April (12 – 1.30 PM), 2017**
32. Impact Evaluation of Public Policy and use of Difference-in-Differences (DID) technique, Lecture 1 to MA Eco students of **University of Petroleum and Energy Studies, Dehradun, 11Th April (2 - 3.30 PM), 2017**
33. Applying DID in Climate Change Adaptation research, Lecture 2 to MA Eco students of **University of Petroleum and Energy Studies, Dehradun, 11Th April (4 – 5.30 PM), 2017**
34. Econometric modelling of count data, Lecture 3 to MA Eco students of **University of Petroleum and Energy Studies, Dehradun, 12Th April (10 – 11.30 AM), 2017**
35. Estimating Count models in Environmental research: STATA exercises, Lecture 4 to MA Eco students of **University of Petroleum and Energy Studies, Dehradun, 12Th April (12 – 1.30 PM), 2017**
36. **“Approach to Economics of Adaptation: Econometrics”**, Workshop on ‘Cross-CARIAA(Collaborative Adaptation Research Initiative in Africa and Asia) Dialogue on Economics of adaptation: Setting agenda for incremental and transformative change’, **TERI University, Delhi, 12th January 2017**

37. **“Measuring Impacts: Difference-in-Differences (DID)”**, NABARD Chair IEG & INSEE Research methodology workshop on impact evaluation of issues related to climate change and agriculture, 9th February 2017, Delhi

38. **“Valuation of Ecosystem Services and Societal Well-Being”**, Seminar by the Department of Economics on the occasion of Golden Jubilee celebration of the Swami Shradhanand College, Alipure, Delhi 36, 28th February 2017

39. **“Role of Ecosystems in Climate Change Adaptation: Mangroves Protect from Storm and Ensure Social Security”** Indian Civil Accounts Service Officers Training, Institute of Economic Growth, March 21st, 2017

40. **“Valuation of coastal resources: production function, damage function approach”**, Training Programme on **“Applied Economic Tools and Techniques for managing Environmental Resources”**, 5th October, 2016, TERI University, Delhi
41. **Climatic extreme events and rural livelihood**, Orientation Programme on **“Rural Livelihoods and Well-being”**, Institute of Economic Growth, **Delhi**, 4th May 2016
42. **Ecosystem Services and Sustainable Development: Mangroves Protect from Storm and Ensure Social Security**, Refresher Course by **CPDHE, University of Delhi, 28^h October 2015**
43. **Economics of Measuring Impacts**, *Workshop on MFF National Results Sharing, BRAC Center, 75 Mohakhali, Dhaka, 29-30 July 2015*,
44. **Evaluating the mangrove-fishery link for regenerated mangrove forests**, IUCN-IDS meeting, **Colombo, Sri Lanka, 24th Feb 2015**
45. **Using count models in economic analysis**, **Institute of Economic Growth, Delhi**, 12th December 2014
46. **Climate Change and Awareness as an Adaptation Strategy**, CHPDHE Orientation Programme, **University of Delhi, Delhi 110007**, 24th November 2014
47. **“Natural buffers, disaster management and evaluation: Implications for ocean economies”**, School of Development Studies, **Yunnan University, Kunming, People’s Republic of China**, 11th October, 2013
48. **Mangrove valuation for disaster management**, Refresher course for in-service officers of Indian Statistical Services, Indian Institute of Forest Management, **Bhopal, India**, 31st July, 2013
49. **Ecosystem Services and Sustainable Development: Mangroves Protect from Storm and Ensure Social Security**, Refresher course for Delhi University teachers, CPDHE, University of Delhi, **Delhi, India** 11th January, 2013

50. Use of count models in economic analysis, Ph D students workshop at Institute for Studies in Industrial Development, 9th January, **Delhi, India**
51. Capacity building program on the Economics of Climate Change Adaptation: Regional consultation on capacity building needs in Asia organized by USAID, UNDP, ADAPT-Asia Pacific and Yale University, **Bangkok, Thailand**. 24-26 Oct, 2012.
52. SANDEE – SDPI Proposal writing workshop, **Islamabad, Pakistan**, 14th September, 2012
53. Economic valuation of mangroves, Policy workshop on Coastal and Marine biodiversity organized by Ministry of Environment and Forest and GIZ, Germany, **Gandhinagar, Gujarat, India**, 12-13th April, 2012
54. Two lectures on Impact Evaluation of public policy for students of Environment and Development, Sanford School of Public Policy, **Duke University NC, USA**, 1st and 9th Feb, 2012
55. Planting exotic species for coastal protection: Evaluating the storm protection services of native vs. exotic species, IFS probationers training, Forest Research Institute, **Dehradun**, 2nd June, 2011
56. Wild Life Institute of India, **Dehradun**, 31st August 2010
57. Refresher Course for the Teachers of University of Delhi organized by CPDHE (Centre for Professional Development in Higher Education), **University of Delhi**, 20th Oct 2009.
58. Economic Approaches to Climate Change and Poverty: a workshop for Economic Policy makers and Researchers in Bangladesh jointly organized by UNDP, UNEP, SANDEE and Planning Commission of **Bangladesh, Dhaka** on 14th Oct 2009.
59. IFS Officers training, Forest Research Institute, **Dehradun, India**, 28th May, 2009
60. Training Workshop on the Science, Economics and Institutions of Managing and Paying for Eco-system Services, organized by SANDEE, EEPSEA and ICRAF in **Chiang Mai, Thailand**, 26th April, 2009
61. Workshop on Ecosystem services – Valuation and Policy Issues: Tata Energy Research Institute (TERI), **New Delhi**, 11th Feb, 2009
62. National Training Course on Environment and Disasters, National Institute of Disaster Management (NIDM), **New Delhi**, 15th January 2009
63. Workshop on Banking on Mangroves: a case for investing in coastal ecosystems jointly organized by The International Union for Conservation of Nature (IUCN), Pakistan and South Asian Network for Development and Environmental Economics (SANDEE), **Karachi, Pakistan**, 27-29 Nov 2008

64. Regional Technical Workshop on Coastal protection in the Aftermath of the Indian Ocean Tsunami: What Role for Forests and Trees? Organized by Food and Agricultural Organization (FAO), United Nations, **Khao Lak, Thailand**, 28-31st, August 2006

Presentations in Conference / Workshop

1. **“Measuring the coping cost of the urban informal sector to extreme heat through time allocation and income loss”**, lecture at IIT, Tirupati during Climate Change workshop on Tackling Climate Change through Urban Resilience: Role of Institutions and Public Policies in Canada and India, 25th March 2022
2. **“Economics of Conservation of Endangered Birds: The case for Gyps Vultures in India”**, presentation at the EfD Annual Conference, 16th November 2021
3. Barak-Meghna Basin Socio Economic Analysis: India, *Webinar “Meghna Conversation 1: Celebrating the Meghna River - A Shared Heritage”*, 3rd September 2020
4. Socio-Economic analysis of the Meghna Basin- India, Online Meghna Meeting: 20th May 2020, 10.30 AM (IST)
5. Climate Change, Livelihood Diversification and Impact on Consumption Outcomes in rural Odisha, *NABARD Sponsored National Seminar on “Agriculture in India: Problems, Policies and Prospects”*, BJB Autonomous College, Bhubaneswar, 1st March 2020
6. The Economics of Marine Plastic Pollution in India (**Chief Guest lecture**), *National Conference On “Innovative Approaches to Plastic Free India”*, Jesus and Mary College, Delhi, 28th February 2020
7. Meghna Socio-Ecological, Change Analysis: India, *Second Meeting of the Meghna Advisory Group, Dhaka, Bangladesh*, 12th February 2020
8. Environment – Growth Dilemma and Sustainability, **Plenary lecture** at the **52nd Annual Conference of Orissa Economic Association, Parala Maharaja Engineering College, Berhampur, Odisha**, 8th February 2020
9. Economic models for Operationalising Sustainability, *Vivekanand School of Business Studies, Vivekanand Institute for Professional Studies, Delhi*, 23rd January 2020
10. Cultural value of Himalayan Ecosystem and societal well-being, *Himalaya Matters in a Changing World: A Conference to Celebrate the International Mountain Day*, GB Pant Institute of Himalayan Environment & Development, **Kosi Katarmal, Almora**, 10th December 2019
11. Mangrove plantation and coastline changes: Does planting mangroves reduce erosion?, *13th Annual EfD meeting, Bogota, Columbia*, 23rd November 2019
12. **Valuation of ecosystem services -ICAR- Summer School Training on “Quantitative Methods for Social Sciences”**, **Pusa Institute, NAAS Complex, New Delhi**, 10th October 2019

13. Coastal Forests: Role of mangroves, *One day seminar on disaster management: a long term perspective by Odisha Development Forum , Council for Social Development and Interfaith Foundation, New Delhi, 14th September 2019*
14. Discussant comments – **Is Adaptation to Climate Change a Substitute for Emissions Abatement?**, *24th Annual Conference of the European Association of Environmental and Resource Economists , Manchester, UK, 28th of June 2019*
15. Are shelters perfect substitutes of mangroves for storm protection?, *24th Annual Conference of the European Association of Environmental and Resource Economists , Manchester, UK, 28th of June 2019*
16. “Nature Based Climate Change Adaptation”, *National Bank Staff College (NBSC) Lecture Series, NABARD RO Delhi, 20th June 2019*
17. “Change in forest cover and water availability in upper Himalayas ” *International Workshop On Land Use and Land Cover Change and Its Impact on Ecosystem and Sustainable Development in High Asia, Institute of Economic Growth, Delhi 18th March 2019*
18. Determinants of house prices in Indian slums, Conference on “*Life in India’s Slums*”, **University of Chicago Center , New Delhi**, 6-7 December 2018
19. Effects of heat on the incomes of workers in the informal sector, *12th Environment for Development Annual Meeting, Hanoi, 2nd November 2018*
20. Water provisioning value of Broad Leaf forests compared to Chir Pine forests in the upper Himalayan region, *FOREST COLLABORATIVE MEETINGS, 12th Annual Efd Annual Meeting, Hanoi, Vietnam, 4th November 2018*
21. The impact of upstream mining and industrial activities on mangroves and ecological diversity of Bhitarkanika Wild Life Park, International Union for Conservation of Nature (IUCN) Mangroves for the Future (MFF) and Integrated Coastal Zone Management (ICZM) Programme, Odisha Dissemination Workshop on ‘Mangroves for the Future: Bhitarkanika, Odisha’, 8 Dec. 2017, **Bhubaneswar**
22. Evaluating Contribution of planted mangroves to fishery sector of Gujarat, *Gujarat Institute of Development Research, 27th July, 2018, Gandhinagar*
23. A landscape level approach to mangrove conservation with a case study of Bhitarkanika – water for development and mangrove conservation, *IUCN - GEER Foundation National Workshop on Mangroves, 26-27 July 2018, Gandhinagar Gujarat*
24. Substitutability between built capital and natural capital: Has investment in cyclone adaptation made the storm protection by mangroves redundant? **XX BIOECON Conference, King’s College, University of Cambridge, UK, 14th September 2018**

25. Identifying Local Enabling Features in Climate Change Adaptation in East Coast of India, *National Workshop on Economic Costs of Climate Change in Rural India, Madras School of Economics, Chennai, 13th July 2018*
26. Measuring welfare implications of extreme weather events like heat waves in India, 11th Environment for Development (EfD) Annual Meeting, **Addis Ababa, Ethiopia, 27th October 2017**
27. Institutional capacity building, social heterogeneity, and evacuation behavior: Cyclone management in India, 11th Environment for Development (EfD) Annual Meeting, **Addis Ababa, Ethiopia, 27th October 2017**
28. Mangrove plantation and coastline changes: Does planting mangroves reduce erosion? *International Society for Ecological Modelling Global Conference 2017 (ISEM2017), 20th September 2017, Jeju Island, South Korea*
29. The impact of upstream mining and industrial activities on mangroves and ecological diversity of Bhitarkanika Wild Life Park, *Nineteenth Meeting of the National Coordination Body (NCB) Mangroves for Future (MFF), 13th September, 2017 Delhi*

30. “Institutional capacity building, social heterogeneity, and evacuation behavior: Cyclone management in India”, Workshop on “Adapting to Climate Change: Actions, Implementations, and Outcomes” **University of Notre Dame, Indian, USA, April 30th , 2017**

31. “Conservation and regeneration of mangroves for saving lives and livelihood: Evidences from Odisha and Gujarat” TROPMET 2016, National Symposium on ‘Tropical Meteorology: Climate Change and Coastal Vulnerability’ of Indian Meteorological Society (IMS), **Bhubaneswar, Odisha 20th Dec 2016**

32. **“Evaluating ecological restoration: Contribution of planted mangroves as nursery and habitat for artisanal and commercial fishery”** 10th EfD (Environment for Development, Gothenburg University, Sweden) Meeting at **Pucón, Chile**, 12th November 2016

33. **“Super cyclone of Oct 1999 and Storm protection by Bhitarkanika mangroves”** Wildlife Institute of India meeting with IUCN leaders for declaring Bhitarkanika National Park as World Heritage Site , India International Center, Delhi, 2nd Nov 2016

34. **“Residual (uncompensated) effect of climate Extremes on livelihood: Estimates for state of Odisha”**, 2nd CECFEE (Center for Research on the Economics of Climate, Food, Energy and Environment, Indian Statistical Institute, Delhi) Workshop, Ranthambhore, India, 16th October 2016

35. **“Resilience to natural disasters: Analyzing the role of coastal ecosystems in enabling resilience of coastal communities post a natural disaster”** Regional Symposium of the SUSTAINABILITY INITIATIVE IN THE MARGINAL SEAS OF SOUTH AND EAST ASIA (SIMSEA), 27th September 2016, Microtel by Wyndham, Diliman Quezon City, Philippines

36. **Climate Extremes and Consequent Loss and Damage in Livelihood Sectors: Estimates for state of Odisha**, GIZ Workshop on L&D, The Claridges, New Delhi, 9th September 2016

37. **Climate Extremes and Consequent Loss and Damage in Livelihood Sectors**, International Conference on Climate Change, **Tata Institute of Social Sciences, Mumbai**, 30th July 2016

38. **Visual media is more effective in averting heat stroke mortality through behavioral changes: A daily panel data analysis**, 22nd Annual Conference of the European Association of Environmental and Resource Economists (**EAERE**), ETH Zurich, Swiss Federal Institute of Technology, **Zurich, Switzerland**, 23rd June, 2016

39. **Mangroves – Green coastal infrastructure**, MOEFCC, GIZ and SANDEE workshop on “Valuing, Managing and Investing in Ecosystem Services in South Asia”, Habitat Center, **New Delhi**, 28th April 2016

40. **Economics of vulture safe zone and captive breeding**, MOEFCC, GIZ and SANDEE workshop on “Valuing, Managing and Investing in Ecosystem Services in South Asia”, Habitat Center, **New Delhi**, 29th April 2016.

41. Resilience to natural disasters: Analyzing the role of coastal ecosystems and socio-economic factors in enabling resilience of coastal communities to cyclones, at International Union for Conservation and Mangrove for Future office, **New Delhi**, 12th March 2016
42. Value of planted mangroves as nursery and habitat for artisanal and commercial fishery: Estimates from Gujarat, India, **BIOECON Conference, King's College, Cambridge, UK**, 14th September 2015
43. Heat waves, Labour Supply and Private cost of Adaptation in Developing Economies: Evidence on Urban Workers in Informal Sectors, 21st Annual **EAERE Conference, University of Helsinki, Helsinki**, 27th June 2015
44. Accounting for regenerated forests: Evaluating the flow of ES from regenerated mangroves compared to original mangrove forest, TEEB INDIA INITIATIVE (TII) Stakeholders meeting, **Delhi** 5th Feb 2015
45. Accounting for regenerated forests: Evaluating the flow of ES from regenerated mangroves compared to original mangrove forest, TEEB India Initiative (TII) Mentoring Workshop, **Chennai**, 10th April 2015
46. Accounting for regenerated forest: --- original mangrove forest, TEEB INDIA INITIATIVE (TII) Stakeholders meeting, **Delhi** 5th Feb 2015
47. TEEB for Vultures -An economic assessment of ecosystem services provided by India's Vultures, A case study from the Kanha-Pench Corridor: Valuation Methodology, TEEB India Stakeholders Meeting on Vulture project, 27th January, **Delhi**, India
48. Growth and 'Ecosystem Services for Poverty Eradication' paradigm, **Institute of Economic Growth, Delhi**, 15th December 2014
49. Economic Valuation of Coastal Resources: Mangroves of Odisha Coast and coastal protection, Bay Of Bengal Large Marine Ecosystem (BOBLME) Workshop, **Phuket, Thailand**, 3rd December 2014
50. Economic Valuation of Natural Resources: Valuation of Mangroves of Odisha Coast, Gujarat Institute of Desert Ecology, **Bhuj, Kachchh, Gujarat** 14th Nov 2014
51. Community Preparedness, Response & role of State Institutions during PHAILIN: Outlining the Resilience Building Approach to Disaster Management for Odisha, Orissa State Disaster Management Authority (OSDMA), **Bhubaneswar**, 26th September, 2014
52. Heat Waves, urbanization induced migration and health, National Health Mission Workshop, **Institute of Economic Growth, Delhi**, 11th September 2014

53. Heat Waves decrease labour supply: Evidence on low-income urban workers in weather-exposed occupations, South-South International Conference: Inequality and Climate Change, Perspective from the South, **Dakar, Senegal**, 24th July 2014
54. Accounting Ecological Capital for Adjusted Net Domestic Product, Greening India's Growth, A Joint ICRIER, Global Green Growth Institute and World Bank Conference on Balancing Growth and Environmental Sustainability, **India Habitat Centre, New Delhi**, 12th June 2014
55. "Accounting for regenerated forests: Evaluating the flow of ES (nursery ground for fish fry) from regenerated mangroves compared to original mangrove forest", *TEEB INDIA INITIATIVE Workshop, 15th April, 2014, Delhi*.
56. "Economic Valuation of Ecosystem Services: Challenges and way out", *SANDEE – ATREE Workshop on Measuring, Valuing and Managing Ecosystem Services, Bangalore*, 14th April 2014
57. "Evaluating the role of Audio, Video and Print media in averting heat stroke mortality: A daily panel data analysis", *The Indian Econometric Society (TIES) & Centre for Economic and Social Studies (CESS) Seminar on Applications of Panel Data, CESS campus, Hyderabad, 26th March 2014*
58. "Does clean neighbourhood matter for slum housing? Evidence from Indian slum clusters", *Conference on "Growth and Social Transformation", Institute of Economic Growth, University of Delhi Enclave, Delhi, 22nd March, 2014*
59. "Adapting to heat waves: Cost estimates for urban informal sector workers", *Centre for Science Education (CSE) Round Table on Loss, Damage and Liability from Climate Change, India Habitat Centre, Delhi, 15th February, 2014,*
60. "Economic Valuation of Mangroves" *CMS VATAVARAN: International Environment & Wildlife Film Festival and Forum, Indira Gandhi National Centre for Arts (IGNCA) Lawn, Delhi, 2nd February 2014*
61. "Media use in public health communication on heat waves: Examining the effective medium", Winter School, Delhi School of Economics, **University of Delhi, Delhi**, 18th December 2013
62. "Does awareness help to adapt to Climate Extreme? Evidence from disaster risk management program for Heat Waves in Odisha", SANDEE panel on "Climate Change and Adaptation", INSEE biannual conference, **Tezpur University, Assam, India**, 6th December 2013
63. "Role of exotic vegetation in coastal protection: An investigation into ecosystem services of Casuarina Equisetifolia in Odisha, India" ECSA53-Estuarines and coastal areas in times of intense change, **Shanghai, China**, 16th October, 2013
64. "Examining storm protection of mangroves against wind damage of a storm", ECSA53-Estuarines and coastal areas in times of intense change, **Shanghai, China**, 16th October, 2013

65. “Media use in public health communication on heat waves: Examining the effective medium”, 26th SANDEE Research & Training Workshop, The Tide Resort, **Bangkok, Thailand**, 19th June, 2013
66. “Does awareness help to adapt to heat stress? Evidence from disaster risk management program in Odisha” SANDEE Summer School in Environment and Resource economics, **Bangkok, Thailand**, 10th May 2013
67. “Towards Green Growth: Measuring trade off...”, Department of Analytical & Applied Economics, **Utkal University, Bhubaneswar**, India 19th January 2013
68. “Adaptation to Heat Waves: Evaluating the role of Awareness Campaign as an effective strategy to avert health risk”, State Institute of Health and Family Welfare (SIHFW), **Bhubaneswar**, 17th January 2013
69. Economics of Natural Disasters in Odisha, Symposium on Handbook of Odisha, Nabakrushna Choudhury Center for Development Studies, **Bhubaneswar, Odisha**, 6-8 Dec, 2012.
70. Awareness as an adaptation strategy to heat waves, 5th South Asia Economic Summit, **Islamabad, Pakistan**, 11-14 September, 2012
71. How good are substitutes for ecosystem services? Evidence from storm protection in India, 19th **EAERE** Conference, University of Economics, **Prague, Czech Republic**, 28th June, 2012.
72. Towards ‘green growth’: Measuring ---- Northern India, ISEE Conference, **Rio de Janeiro, Brazil**, 19th June, 2012.
73. Awareness as an adaptation strategy for averting health risk from Heat Waves in India, IEG Panel at ISEE Conference, **Rio de Janeiro, Brazil**, 17th June, 2012
74. Role of natural buffer in disaster management: Mangroves and Storm protection, **Planet Under Pressure Conference, London**, 26-29th March, 2012
75. “Do mangrove provide storm protection from wind damages of storms”, Mangrove Laboratory, Vrije Universiteit Brussel (VUB) and Université Libre de Bruxelles (ULB), **Brussels, Belgium**, 26th Jan 2012
76. “Role of Mangroves in Disaster Management” at Workshop on “The economics of Marine and Coastal Ecosystems” organized by Department of Marine and Coastal Resources, Government of Thailand in partnership with the Mangrove for Future, IUCN, and UNDP at **Bangkok, Thailand**, 17th – 19th Aug, 2011
77. International Conference on “Economics of Adaptation to Climate Change in Low-Income Countries”, jointly organized by the Institute for International Economic Policy, the Department of Economics, and the Center for International Science and Technology Policy at George Washington University in Partnership with the World Bank Development Research Group and the United Nations Development Program Environment and Energy Group (Global Environmental Finance Team) at the **Elliott School of International Affairs, GWU**, 1957 E Street, NW, **Washington, D.C.** 20052, 19th May 2011.
78. Mangrove and Storm Protection – May Brown Bag organized by The South Asia Environment, Water Resources and Climate Change Unit (SASDI) & Environment Department (ENV) of **The World Bank, Washington DC, USA**, May 18th 2011

79. The 13th International Conference of the International Association of the Study of the Commons (IASC) at **Hyderabad** in January 2011.
80. International Conference on “Environment and Development” of South Asian Network for Development and Environmental Economics at Kathmandu, Nepal in December, 2010.
81. Sanctuary Asia, Forest department (Government of West Bengal), National Tiger Conservation Authority (Government of India), Bengal Tiger Line and Wildlife Conservation Trust Symposium, **Kolkata**, 26th August 2010
82. World Congress on Environmental and Resource Economics 2010, University of Quebec, **Montreal, Canada**, 2nd July 2010
83. ATREE_INSEE Workshop, Bangalore, 23rd June 2010
84. Forest Officers Training Workshop, TERI, FRI, **Dehradun**, 24th May, 2010
85. Economics of Climate Change Adaptation: Issues, Methodologies and Estimates for India, Madras School of Economics, **Chennai**, 13th February 2010.
86. International Workshop on Deltas, Vulnerability and Management, LOICZ Workshop, Anna University, **Chennai**, 8th Dec 2009
87. International Conference on Climate Change and Sustainable use of Natural Resources, IASCA, **Gwalior**, 12th November, 2009
88. Second India Disaster Management Congress, Vigyan Bhawan, New Delhi, 4th Nov 2009.
89. 17th EAERE Conference, VU University, **Amsterdam, The Netherlands**, 24th – 27th June, 2009
90. SCAPES International Workshop on Valuation of Regulating Services of Ecosystems: From Theory to Practice, organized by University of Liverpool and ATREE, **Bangalore**, 15 – 16th, June, 2009
91. International Conference on Green Growth, **IBS Hyderabad**, India, 17 – 18 Dec, 2008
92. Institute of Economic Growth, **Delhi**, India, 14th Nov, 2008
93. 14th Annual Sustainable Development Research Conference, **New Delhi**, India, 21-23 Sept, 2008,
94. 2008 EAERE-FEEM-VIU Summer School on Space in Unified Models of Economy and Ecology, **Venice, Italy** 10th July, 2008
95. 16th EAERE Annual Conference, **Gothenburg, Sweden**, 28th June, 2008
96. Policy Dissemination Workshop for Government officers, parliamentarians, NGOs, Study Area representatives, Press and prominent public figures for the project “Evaluation of the Storm Protection Services of the Mangroves and the Super Cyclone of October 1999 in Orissa”, **Bhubaneswar, Orissa**, 7th Nov, 2007
97. Inter Governmental Panel for Climate Change (IPCC) Dissemination Workshop, **Kolkata**, India, 11-12th Oct, 2007
98. The 2nd LOICZ Symposium on Social-Ecological System Analysis, a part of the XV International Conference of the Society for Human Ecology (SHE), **Rio de Janeiro, Brazil**, 4- 7th Oct 2007.
99. National Conference on Expanding Freedom: Towards Social and Economic Transformation in a Globalizing World, The Institute of Economic Growth (IEG), University of Delhi Enclave, **Delhi-110007**, 11-13th April, 2007

100. National Seminar on National Environment Policy-2006: Objectives, Strategies and Implementation organized by the department of economics, Jamia Milia Islamia in association with the Nelson Mandela center for Peace and conflict Resolution, **Jamia Milia Islamia, New Delhi**, 20-21st February, 2007
101. International Conference jointly organized by International Society for Ecological Economics (ISSE) and Indian Society of Ecological Economics (INSEE), **New Delhi**, India, 16–19th December 2006
102. International Conference on Ecology and Human Well-being, organized by the Indian Society of Ecological Economics (INSEE), Indira Gandhi Institute of Development and Research (IGIDR), **Mumbai**, June, 2004
103. National Seminar on Women and Environment organized by SSN College, University of Delhi and the School of Environmental Studies, **University of Delhi, Delhi**, Feb 2004.

Administrative experience

1995 – 2004: In-charge, Environmental Society, Swami Shradhanand College,
1995 – 2000: Conducted certificate course for students on “Environmental Awareness” in association with Center for Science Education and Communication, University of Delhi