

## **Meeta Keswani Mehra, Ph.D.**

Professor of Economics

Centre for International Trade and Development (CITD), Room No. 209,  
School of International Studies (SIS) II, Jawaharlal Nehru University (JNU), New Delhi 110067, INDIA

**Email:** [meetakm@mail.jnu.ac.in](mailto:meetakm@mail.jnu.ac.in), [meetakm@gmail.com](mailto:meetakm@gmail.com), [meetakm@jnu.ac.in](mailto:meetakm@jnu.ac.in)

**Phone:** +91-11-26704353 (Office), +91-9811660905 (Mobile)

**Homepage:** <http://www.jnu.ac.in/Faculty/mmehra/>

### **Education**

- Ph.D. in Economics, Economics Unit, Indian Statistical Institute (ISI), Delhi Centre, India. 2003.  
Thesis topic: *Theoretical Issues in the Economics of International Trade and Environment*.
- Masters of Business Economics, University of Delhi, India, 1988. Obtained I division and 1st rank in the University.
- Bachelor of Arts (Honors) in Economics, University of Delhi, India, 1986. I division. Certificate of academic merit awarded.

### **Professional Experience**

#### **Current**

- Professor of Economics, CITD, SIS, JNU, New Delhi (since September 2010)
- Referee for peer-reviewed journals, namely, Environmental and Resource Economics (ERE), Environment and Development Economics (EDE), Indian Growth and Development Review (IGDR), Singapore Economic Review (SER), The Energy Journal (EJ), Global Environmental Change (GEC), Journal of Social and Economic Development (JSED), and Review of Market Integration (RMI).
- Expert Reviewer, Sixth Assessment Report of the Intergovernmental Panel on Climate Change (IPCC), since April 2019.
- Member of Board of Studies (BoS) of SIS.
- Lifetime Member, Indian Society for Ecological Economics (INSEE)
- Member, Agricultural and Applied Economics Association (AAEA)
- Member, European Association of Environmental and Resource Economists (EAERE)
- Member, Association of Environmental and Resource Economists (AERE)

#### **Recent Past**

- Chairperson, CITD, SIS, JNU, New Delhi (January 11, 2018-January 16, 2020)
- Chairperson, CITD, SIS, JNU (December 2013-December 2015).
- Professor of Economics, CITD, SIS, JNU, New Delhi (since September 2010)
- Associate Professor, CITD, SIS, JNU, New Delhi (September 2004-September 2010)
- M.Phil./Ph.D. Coordinator in CITD, SIS, JNU (during 2011-2013)
- Director of DAAD funded collaborative research project with HTW, Berlin on “Money, Finance, Trade and Development” (during 2009-2011).
- Director of activities of Ford Endowment Grant at CITD, JNU (during 2008-2011).
- M.A. Coordinator in CITD, SIS, JNU (during 2005-2007, 2017-18)
- External Member, Committee of the Centre for Economic Studies and Planning (June 2017-May, 2019) as well as Centre for Studies in Regional Development (October 2017-September 2019), both School of Social Science, Jawaharlal Nehru University.
- Member of the Academic Council of JNU, Board of Studies (BoS) and the Committee for Advanced Studies and Research (CASR) of the SIS, JNU, New Delhi, India December 2013-December 2018 and January 11, 2018-January 16, 2020).

- Member of Academic Committee of Centre for Development Studies, Trivandrum, Kerala, India (May 2016-May 2018).
- Member of Board of Studies, Faculty of Policy and Planning, TERI University, New Delhi, India.

### **Guest Faculty Positions Held**

- Department of International Economics, Institute of International Relations (IIR), Taras Shevchenko National University in Kyiv, Ukraine, May 2013.
- Lal Bahadur Shastri National Academy of Administration, Mussoorie, Uttarakhand, India May 2012
- Department of Policy Studies, Faculty of Policy and Planning, and Department of Natural Resources, Faculty of Applied Sciences, TERI University, New Delhi, 2009, 2010, 2012, 2013
- Department of Economics and Management, HTW Berlin, June-July 2010.
- Refresher courses in economics at the Indian Statistical Institute, Delhi Centre, Academic Staff College, JNU, and the Institute of Economic Growth, Delhi University, 2004-2013 and 2020.

### **Awards/ Distinctions**

- Awarded the Rockefeller Foundation Bellagio Academic Residency for four-weeks at the Bellagio Centre, Italy, June-July 2013.
- Awarded short term Chair Professorship on India Studies from Ministry of External Affairs, Government of India, at the Institute of International Relations (IIR), Taras Shevchenko National University in Kyiv, Ukraine, May 2013.
- Awarded the DAAD funded Senior Fellowship for Research at Department of Economics, University of Applied Sciences (HTW) Berlin during June-August 2010.
- Awarded gold medal for obtaining first rank in University of Delhi, 1988.

### **Key Areas of Specialization/ Research Interest**

Macroeconomics, International Macroeconomics, Growth Theory, International Trade, Macro Development, Political Economy, Electoral Competition, Economic Regulation, Climate Change Economics, Environmental Economics, Energy and Resource Economics, Economic Modeling.

### **Teaching and Research Supervision**

#### ***Courses Taught***

*M.A. Economics, Centre for International Trade and Development (CITD), School of International Studies (SIS), Jawaharlal Nehru University (JNU)*

- Macroeconomics I
- Macroeconomics II
- Environmental Economics
- Economic Regulation
- International Economics
- Balance of Payments

*M.Phil. and Ph.D. International Trade and Development, CITD, SIS, JNU*

- International Economics

*M.Sc. (Economics), Department of Policy Studies, Faculty of Policy and Planning, TERI University*

- Advanced Macroeconomics

*M.B.A. (Infrastructure), Department of Business Sustainability, Faculty of Policy and Planning, TERI University*

- Economics of Regulation: Theory and Evidence

*M.Sc. (Environmental Studies and Resource Management), Department of Natural Resources, Faculty of Applied Sciences, TERI University*

- Environmental Economics

- Natural Resource Economics

### **Research Supervision**

- Completed supervision of 9 M.Phil. students and 9 Ph.D. students
- Currently supervising 6 Ph.D. students and 2 M.Phil. students

#### *Ph.D. Thesis (Awarded/ Submitted)*

1. "Air Pollution and Health Implications of Regional Electricity Transfer at Generational Centre and Design of Compensation Mechanism". Nemika Relhan. Thesis awarded in July, 2011. TERI University.
2. "Mangrove-Fishery Ecosystem in Bhitarkanika: A Bio-Socio-Economic Analysis." Susmita Sahu. Thesis awarded in October 2012. TERI University.
3. "Distance to Frontier, Human Capital and Economic Growth: A Theoretical and Cross-Country Empirical Analysis". Sujata Basu. January 2016. CITD, SIS, JNU.
4. "Political Economy of Natural Resource Management in a Federal Context." Divya Datt. February 2018. CITD, SIS, JNU.
5. "Economic Analyses of Political Budget Cycle and Interest Group Politics". Ganesh Manjhi. April 2019. CITD, SIS, JNU.
6. "Quality versus Quantity of Human Capital Formulation, Distance to Frontier, Growth and Convergence". Swati Saini. January 2020, CITD, SIS, JNU.
7. "Escaping the Poverty-Environment Trap through Human Capital Accumulation". Shilpy Verma. Thesis submitted in December 2019. Examiners' reports awaited.
8. Deepti Kohli, "Electoral Competition, Lobby Formation and Equilibrium Policies". Thesis submitted in March 2020. Examiners' reports awaited.
9. Gaurav Bhattacharya, "Unravelling the Trade-Environment Linkage: A Political Economy Perspective". Thesis submitted in December 2020. Examiners' reports awaited.

#### *M.Phil. Thesis (Awarded/ Submitted)*

1. "Incentive based Environmental Regulation with Asymmetric Information". Saptarshi Basu Roy Chaudhury. 2008. CITD, SIS, JNU.
2. "Technical Change, Growth and Environment: An Economic Analysis". Sandip Kumar Agarwal. 2011. CITD, SIS, JNU.
3. "Endogenous Human Capital Formation, Distance to Frontier and Growth". Sujata Basu. 2011. CITD, SIS, JNU.
4. "Impact of Strengthening Intellectual Property Rights Regime on Income Inequality in Developing Countries: An Econometric Analysis". Swati Saini. 2014. CITD, SIS, JNU.
5. "Economic Growth and Climate Change: Theory and Empirical Cross-Country Analyses". Shilpy Verma. 2015. CITD, SIS, JNU.
6. "Environmental Regulation and Intra-Industry Trade". Deepti Kohli. 2016. CITD, SIS, JNU.
7. "Revisiting the Demographic Transition: A Unified Growth Approach". Sk. Md. Azharuddin. 2017. CITD, SIS, JNU.
8. "Ability-Biased Technical Change, Economic Growth and the Environment". Saheli Das. 2018. CITD, SIS, JNU.
9. Anshuman Kamila, "Fitting Pieces of the Convergence Puzzle in India", thesis submitted in July 2019.

### **Students Presently Registered for Research Supervision with Synopsis Confirmed**

#### *Ph.D.*

1. Saurav Jha, "The Effects of the Nexus between Energy, Food and Water on the Sustainability of Economic Growth". Research Synopsis confirmed in March 2016.

2. Imdadul Islam Halder, "Electoral Competition, Media and Public Good Provision: Theory and Evidence". Research Synopsis confirmed in December 2016.
3. Sk. Md. Azharuddin, "Modeling the Macroeconomic Business Cycle Fluctuations for India: A Dynamic Stochastic General Equilibrium (DSGE) Approach". Research Synopsis confirmed in January 2018.
4. Saheli Das, "Adapting Agriculture to Climate Change: Do Farmers' Ability and Community Networks Matter?". Research synopsis confirmed in January 2018.
5. R S Vaidyanathan. "Impact of Rent Seeking on Endogenous Growth, Innovation, Regulation and Income Distribution". Research Synopsis confirmed in December 2020. Admitted in July 2019.
6. Annapurna Jandhyala. Admitted in January 2021

#### *M.Phil.*

1. Kritika Gambhir. "Multiple Equilibria and Non-Convergence Traps in Models of Technological Imitation and Innovation". Admitted in July 2019.
2. Jheelum Sarkar, admitted in January 2021

#### **Members of Boards/ Committees (Outside JNU)**

- Expert Reviewer, Intergovernmental Panel on Climate Change (IPCC), since April 2019.
- Member of the Governing Council, India Habitat Centre, New Delhi (January 2018-June 2020).
- Member, Program Committee, Sixth World Congress for Environmental and Resource Economics, 2018, Gothenburg, Sweden.
- Member, Program Committee, Fifth World Congress for Environmental and Resource Economics, 2014, Istanbul, Turkey.
- Member, Program Committee, Third World Congress for Environmental and Resource Economics, 2006, Kyoto, Japan.
- Member, Program Committees of 2008, 2011, 2012, 2013, 2014, 2015, 2017, 2020, 2021 Annual Conferences of the European Association for Environmental and Resource Economics.
- Empaneled Expert with Bureau of Energy Efficiency (BEE), Department of Power, Government of India, 2010-12.
- Member of the Board of Studies for M.Sc. (Economics), Department of Policy Studies, Faculty of Policy and Planning, TERI University, 2011-2021.
- External Consultant, Indian Council for Research on International Economic Relations (ICRIER), New Delhi 2014-2019.
- Member of the Selection Committee for Indraprastha Institute of Information Technology Delhi (IIIT-Delhi) (since March 2017), Nalanda University and Shiv Nadar University (since July 2015), Indian Institute of Technology (H&SS), Jammu (since May 2018), Indian Institute of Science Education and Research, Bhopal (Economic Sciences) (since August 2018), Indian Institute of Foreign Trade (since August 2018), Indian Institute of Technology (H&SS), Delhi (since February 2019), and Visva Bharati University, Santiniketan, West Bengal (since March, 2019).

#### **Papers Published in Journals and Chapters in Books**

1. Mehra, Meeta Keswani, Sarkar, Jheelum. *COVID-19 and a Sustainable South Asian Recovery: Reimagining Regional Growth and Development*. In **Reimagining South Asian Regionalism: Covid19 and the Region**. Jacob, Happymon, Khillare, Tishya (Eds.). Routledge; Routledge Series on Humanities and the Social Sciences in a Post-Covid19 World, Forthcoming.
2. Mehra, Meeta Keswani, Kohli, Deepti. *Energy efficiency and clean energy transitions in India: What do these mean for climate change mitigation?* In **The Chinese Shadow on India's Eastward Engagement: The Energy Security Dimension**. Bhardwaj Sanjay K. (Ed). Routledge India, 2021. ISBN 9780367760007. Published online at <https://www.routledge.com/The-Chinese-Shadow-on-Indias-Eastward-Engagement-The-Energy-Security/Bhardwaj/p/book/9780367760007>

3. Mehra, Meeta Keswani, Mukherjee, Saptarshi, Bhattacharya, Gaurav, Azharuddin, Sk. Md.. *Renewable Energy in India: What It Means for the Economy and Jobs* (Pages 343-375). In **Sustainable Development Insights from India** (Selected Essays in Honour of Ramprasad Sengupta). Dasgupta, Purnamita, Roy, Saha, Anindita, Singhal, Robin (Eds.). Springer Nature Switzerland AG, 2021. ISBN: 978-981-33-4830-1. Published online at: <https://link.springer.com/book/10.1007/978-981-33-4830-1>
4. Verma, Shilpy and Mehra, Meeta Keswani, 2020. *Climate Change Impacts on Economic Growth: A Theoretical and Panel Data Analysis*. **The International Journal of Climate Change: Impacts and Responses**. Volume 12, Issue 1, pages 31-58.
5. Mehra, Meeta Keswani and Saini, Swati. 2020. *Implications of Quality of Schooling on Economic Growth and Convergence – A System Dynamics Perspective*. **Global Economic Review**. Published Online: 10 Dec 2019. Volume 49, Issue 1, pages 97-126
6. Muccione, Veruska, Huggel, Christian, Bresch, David N., Jurt, Christine, Wallimann-Helmer, Ivo, Mehra Meeta K., Pabón Caicedo José Daniel, 2019. *Joint Knowledge Production in Climate Change Adaptation Networks*. **Current Opinion in Environmental Sustainability**. Volume 39, Pages 147-152.
7. Das, Saheli and Mehra, Meeta K., 2019. *An Empirical Analysis of Ability-biased Technical Change with Environmental Constraints*. In **Globalization And Development: Perspectives and Policies**. Acharyya, Achiransu, Chattopadhyay, Soumyadip, and Chattopadhyay, Apurba Kumar (Eds.). Gyan Publishing House, 2019.
8. Azharuddin Sk. Md. and Mehra, Meeta Keswani, 2019. *Revisiting the Demographic Transition: A Unified Growth Approach*. In **Globalisation And Development: Perspectives and Policies**. Acharyya, Achiransu, Chattopadhyay, Soumyadip, and Chattopadhyay, Apurba Kumar (Eds.). Gyan Publishing House, 2019.
9. Manjhi, Ganesh and Mehra, Meeta K., 2019. *Dynamics of Political Budget Cycle*. **Italian Economic Journal: A Continuation of Rivista Italiana degli Economisti and Giornale degli Economisti**, Springer; Società Italiana degli Economisti (Italian Economic Association), Volume 5, Issue 1, pages 159-159, March 2019. Published online at <https://link.springer.com/content/pdf/10.1007%2Fs40797-019-00084-1.pdf>
10. Manjhi, Ganesh and Mehra, Meeta K., 2019. *A Dynamic Analysis of Special Interest Politics and Electoral Competition*. **Dynamic Games and Applications**. Springer, Volume 9, Issue 1, pages 142-164, March 2019. Published online at <https://link.springer.com/content/pdf/10.1007%2Fs13235-018-0241-2.pdf>
11. Mehra, Meeta K. and Bhattacharya, Gaurav, 2019. *Energy Transitions in India: Implications for Energy Access, Greener Energy, and Energy Security*. **Georgetown Journal of Asian Affairs**. Winter 2019. Volume 4, No. 2, pages 88-97. Published online at [https://issuu.com/georgetownsfs/docs/gjaa\\_vol.4\\_no.2](https://issuu.com/georgetownsfs/docs/gjaa_vol.4_no.2)
12. Manjhi, Ganesh and Mehra, Meeta K., 2018. *Center-state Political Transfer Cycles*. **Ensayos sobre Política Económica**. June 2018, Volume 36, No. 86. Published online at <http://repositorio.banrep.gov.co/bitstream/handle/20.500.12134/9571/Espe.8604.pdf?sequence=1&isAllowed=y>
13. Saini, Swati, and Mehra, Meeta K., 2018. *Impact of strengthening Intellectual Property Rights Regime on income inequality: An Econometric Analysis*. **Economics Bulletin**. 2018. Volume 38 Issue 4, pages 1703-1719.
14. Mehra, Meeta K. and Kohli, Deepti, 20018. *Environmental Regulation and Intra-Industry Trade*. **International Economic Journal**. Volume 32 Issue 2, pages 133-160. June 2018. Published online at <https://www.tandfonline.com/doi/pdf/10.1080/10168737.2018.1461914?needAccess=true>
15. Pandey, Rita and Mehra, Meeta K., 2017. *Choice and Design of Policy Instruments towards Promoting Renewable Energy Technologies: Conceptual Framework and Guiding Principles*. In **The Economics of China and India: Cooperation and Conflict**. Volume 3: Economic Growth, Employment and Inclusivity: The International Environment. Agarwal, Manmohan, Wang, Jing and Whalley, John (Eds.). World Scientific. February 2017. SBN: 978-981-3100-39-8.
16. Mehra, Meeta K. and Pandey, Rita, 2017. *Emerging Experience with Design and Implementation of Policy Instruments for RET D&D across Countries*. In **The Economics of China and India: Cooperation and Conflict**. Volume 3: Economic Growth, Employment and Inclusivity: The International Environment. Agarwal,

- Manmohan, Wang, Jing and Whalley, John (Eds.). World Scientific. February 2017. SBN: 978-981-3100-39-8.
17. Datt, Divya and Mehra, Meeta K., 2016. *Environmental Policy in a Federation with Special Interest Politics and Inter-Governmental Grants*. **Environmental and Resource Economics**. Volume 64 Issue 4, pages 575-595. Published online in February 2015.
  18. Pandey, Rita and Mehra, Meeta K., 2016. *Choice and Design of Fiscal Policy Instruments to Accelerate Innovation in Renewable Energy*. **The International Journal on Green Growth and Development: Special Issue on Fiscal Policy and Green Growth**. Vol. 2, No 2, pages 127-160, July 2016.
  19. Pandey, Rita and Mehra, Meeta K., 2015. *Role of Fiscal Instruments in Promoting Low-carbon Technology Innovation*, GGKP Research Committee on Fiscal Instruments, Working Paper 06. **Green Growth Knowledge Platform, UNEP**, November 2015.
  20. Sawhney, Aparna, and Mehra, Meeta K., 2015. *Indian Perspective on Clean Energy and Energy Efficiency*. In **Emerging Economies: Food and Energy Security and Technology and Innovation**, Shome, Parthasarathi and Sharma, Pooja (Eds.). Springer Publishers, 2015. ISBN 978-81-322-2101-2.
  21. Mehra, Meeta K., and Datt, Divya. 2014. *Revisiting Energy Subsidies in the Context of Ongoing G-20 Dialogue: A Discussion with Special Reference to India*. In **The G20 Macroeconomic Agenda: India and the Emerging Economies**, Parthasarathi Shome (Ed), Cambridge University Press, July 2014. ISBN: 9781107051102.
  22. Basu, Sujata and Mehra, Meeta K., 2014. *Endogenous Human Capital Formation, Distance to Frontier and Growth*. **Research in Economics**. No 68, pages 117–132. 2014.
  23. Mehra, Meeta K. and Basu, Sujata, 2013. *Optimal Public Policy in a Schumpeterian Model of Endogenous Growth with Environmental Pollution*. **Review of Market Integration**. Volume 5 Issue 2, pages 203-248. August 2013.
  24. Mehra, Meeta K., 2011. *Country Perspective: India*. In Netzer, Nina and Gouverneur, Judith. (Eds.). **Saving Tomorrow – Today? International Perspectives in the Run-Up to the UN Climate Change Conference 2011 in Durban**. Friedrich Ebert Stiftung. October 2011.
  25. Mehra, Meeta K., 2010. *Interaction between Trade and Environment Policies with Special Interest Politics*. **Indian Growth and Development Review**. 2010, Emerald Group Publishing, Vol. 3 Issue 2, pages 138-165.
  26. Mehra, Meeta K., 2009. *Trade, Environment and Natural Resources: A Developing Country Perspective*. In Chopra, K. and Dayal, V. (Eds.), **Handbook of Environmental Economics in India**. Oxford University Press. October 2009.
  27. Mehra Meeta K. and Das Satya P., 2008. *North-South Trade and Pollution Migration: The Debate Revisited*. **Environmental and Resource Economics**., European Association of Environmental and Resource Economists, Vol. 40, Issue 1, pages 139-164. 2008.
  28. Mehra, Meeta and Datt, Divya, 2004. *Improving Efficiency of Resource Use in Agriculture*. **Greening the Budget: Case Studies**. TERI. TERI Press ISBN 81-7993031-9. 2004.
  29. Mehra, Meeta and Sreekanth, V., 2003. *Application of Optimization Models for Satisfaction of Water Resource Demand of Tourist Infrastructure*. In Noronha L, Lourenco N. Lobo-Ferreira et al. (Eds.), **Coastal Tourism, Environment, and Sustainable Local Development**, TERI. ISBN: 81-7993-017-3. 2003.
  30. Noronha, L, Kazi S and Mehra, M., 2003. *Building Scenarios to Address Stakeholder Concerns*. In Noronha L, Lourenco N. Lobo-Ferreira et al. (Eds), **Coastal Tourism, Environment, and Sustainable Local Development**, TERI. ISBN: 81-7993-017-3. 2003.
  31. Mehra, Meeta K. and Das Satya P., 2002. *North-South Trade and Pollution Migration: The Debate Revisited*. In Marsiliani L, Rauscher M. and Withagen C (Eds). **Environmental Economics and the International Economy**. Kluwer Publishers. ISBN 1-4020-0841-4. 2002.
  32. Bharadwaj, Aarti G. and Mehra, Meeta K., 2001. *Demand Forecasting for Electricity: the Indian Experience*. In Sarkar S K and Deb Kaushik (Eds). **Regulation in Infrastructure Services: Progress and the Way Forward**. TERI. ISBN: 81-85419-88-4. pages 175-192. 2001.

33. Mehra Meeta K., Shilpi Banerjee, Rashmi Bajaj and Fernandez, Cordelia, 2001. *India at the Doha Ministerial Meeting: an analysis*. **International Journal of Regulation and Governance**. Vol. 1, Issue 2, pages 197-214. December 2001.
34. Chatterjee, Romir, Mehra, Meeta and Banerjee, Shilpi, 2000. *Environmental Security in South Asia*. **TERI Globe**. Newsletter of the Tata Energy and Resources Institute. Washington D.C. Number 2. pages 3-7. February 2000.
35. Bhandari, Preety, Mehra, Meeta and Krishnan, Rekha, 1994. *Measuring Natural Resource Degradation*. In Krishnan R. (Ed.). **Growing Numbers and Dwindling Resources**. TERI. New Delhi. ISBN 81-85419-08-6, pages 97-104. 1994.
36. Mehra, Meeta and Damodaran, Mala, 1993. *Anthropogenic Emissions of Greenhouse Gases in India (1989-90)*. In Achanta A. (Ed.). **The Climate Change Agenda-An Indian Perspective**. TERI. New Delhi. ISBN 81-85419-04-3, pages 9-32. 1993.
37. Das, Anjana, Mehra, Meeta and Iyer, Maithili, 1993. *Strategies to Limit Emissions of Carbon dioxide in the Indian Coal Intensive Sectors: A Scenario Analysis*. In Achanta A. (Ed.). **The Climate Change Agenda-An Indian Perspective**. TERI. New Delhi. ISBN 81-85419-04-3, pages 205-230. 1993.
38. Pachauri, R K, Gupta, Sujata and Mehra, Meeta, 1992. *A Reappraisal of WRI's Estimates of Greenhouse Gas Emissions*. **Natural Resources Forum**. Vol. 16. Issue 1. February 1992.
39. Gupta, Sujata, Keswani, Meeta and Malhotra, Preety, 1991. *Energy Consumption and Greenhouse gas Emissions: A Case Study for India*. Pachauri R.K. and Behl A. (Ed.) **Global Warming: Mitigation Strategies and Perspectives from Asia and Brazil**. Asian Energy Institute. PP 168-180. 1991.

#### **Papers Submitted and Under Review**

1. Saini, Swati and Mehra, Meeta K. "Implications of Quality of Schooling on Economic Growth and Convergence - A System Dynamics Perspective", submitted to Systems Research and Behavioral Science.
2. Kamila, Anshuman and Mehra, Meeta K. "Exploring the Convergence Puzzle in India: Combining Neoclassical and Endogenous Models to Understand Growth Experience of Indian states", submitted to Indian Growth and Development Review.

#### **Working Papers**

1. Gaurav Bhattacharya and Meeta Keswani Mehra, 2021. "Interaction between Trade and Environment Policies with Special Interest Politics: A Case when Commodity Markets are Imperfect" CIRD Discussion Paper 2103. [https://www.jnu.ac.in/sites/default/files/citd/DP03\\_2021.pdf](https://www.jnu.ac.in/sites/default/files/citd/DP03_2021.pdf)
2. Meeta Keswani Mehra and Gaurav Bhattacharya, 2021. "Trade Wars and Trade Talks Revisited: An extension of the Grossman-Helpman Model (1995)". CIRD Discussion Paper 2101. [https://www.jnu.ac.in/sites/default/files/citd/DP01\\_2021.pdf](https://www.jnu.ac.in/sites/default/files/citd/DP01_2021.pdf)
3. Deepti Kohli and Meeta Keswani Mehra, 2020 "Impact of Electoral Competition, Swing Voters and Interest Group Lobbying on Strategic Determination of Equilibrium Policy Platforms". CIRD Discussion Paper 20-02. <https://www.jnu.ac.in/sites/default/files/citd/citd%20discussion%20paper.pdf>
4. Meeta Keswani Mehra and Swati Saini, 2020. "Implications of Quality of Schooling on Economic Growth and Convergence – A System Dynamics Perspective" CIRD Discussion Paper 2001. [https://www.jnu.ac.in/sites/default/files/citd/DP02\\_2020.pdf](https://www.jnu.ac.in/sites/default/files/citd/DP02_2020.pdf)
5. Verma, Shilpy and Mehra, Meeta K., 2019 "Climate Change Impacts on Economic Growth: A Panel Data Analysis". CIRD Discussion Paper 19-02. [https://jnu.ac.in/sites/default/files/citd/DP02\\_2019.pdf](https://jnu.ac.in/sites/default/files/citd/DP02_2019.pdf)
6. Manjhi, Ganesh and Mehra, Meeta K., 2018. "Dynamics of Political Budget Cycle". CIRD Discussion Paper No 18-09. [https://jnu.ac.in/sites/default/files/citd/DP09\\_2018.pdf](https://jnu.ac.in/sites/default/files/citd/DP09_2018.pdf)
7. Saini, Swati and Mehra, Meeta K., 2018. "Quality of Schooling: Child Quantity-Quality Tradeoff, Technological Progress and Economic Growth". CIRD Discussion paper No 18-06. <https://jnu.ac.in/sites/default/files/citd/DP06-2018.pdf>

8. Manjhi, Ganesh and Mehra, Meeta K., 2017. "Dynamics of the Economics of Special Interest Politics," Working Papers 17/206, National Institute of Public Finance and Policy.  
[http://www.nipfp.org.in/media/medialibrary/2017/08/WP\\_2017\\_206.pdf](http://www.nipfp.org.in/media/medialibrary/2017/08/WP_2017_206.pdf)
9. Manjhi, Ganesh and Mehra, Meeta K., 2017. "Centre-State Political Transfer Cycles". CITD Discussion Paper No 17-01. [http://www.jnu.ac.in/sis/citd/DiscussionPapers/DP01\\_2017.pdf](http://www.jnu.ac.in/sis/citd/DiscussionPapers/DP01_2017.pdf)
10. Manjhi, Ganesh and Mehra, Meeta K., 2016. "Dynamics of Political Budget Cycle," Working Papers 16/163, National Institute of Public Finance and Policy.  
[http://www.nipfp.org.in/media/medialibrary/2016/02/WP\\_2016\\_163.pdf](http://www.nipfp.org.in/media/medialibrary/2016/02/WP_2016_163.pdf)
11. Manjhi, Ganesh and Mehra, Meeta K., 2015. "Dynamics of Political Budget Cycle", MPRA Paper 68791, University Library of Munich, Germany. [https://mpra.ub.uni-muenchen.de/68791/1/MPRA\\_paper\\_68791.pdf](https://mpra.ub.uni-muenchen.de/68791/1/MPRA_paper_68791.pdf).
12. Pandey, Rita and Mehra, Meeta Keswani, 2015. "Role of Fiscal Instruments in Promoting Low-carbon Technology Innovation", NIPFP Working Paper No. 2015-147, May 2015.  
[http://www.nipfp.org.in/media/medialibrary/2015/05/WP\\_2015\\_147.pdf](http://www.nipfp.org.in/media/medialibrary/2015/05/WP_2015_147.pdf).
13. Datt, Divya and Mehra, Meeta K., 2015. "Environmental Policy in a Federation with Special Interest Politics and Inter-Governmental Grants", CITD Discussion Paper No 15-02.  
[http://www.jnu.ac.in/sis/citd/DiscussionPapers/DP02\\_2015.pdf](http://www.jnu.ac.in/sis/citd/DiscussionPapers/DP02_2015.pdf)
14. Saini, Swati and Mehra, Meeta K., 2014. "Impact of Strengthening Intellectual Property Rights Regime on Income Inequality: An Econometric Analysis," MPRA Paper 56710, University Library of Munich, Germany, revised 12 Jun 2014. <http://mpra.ub.uni-muenchen.de/56710/>
15. Mehra, Meeta K. and Basu, Sujata, 2012. "Optimal Public Policy in a Schumpeterian Model of Endogenous Growth with Environmental Pollution." Working Paper No. 04/2012. Competence Centre: Berlin Working Papers on Money, Finance, Trade and Development. ISSN: 2192-7790. [http://daadpartnership.htw-berlin.de/fileadmin/working\\_paper\\_series/wp\\_04\\_2012\\_Mehra\\_Basu\\_Growth-Environment.pdf](http://daadpartnership.htw-berlin.de/fileadmin/working_paper_series/wp_04_2012_Mehra_Basu_Growth-Environment.pdf).
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20. Mehra, Meeta K., 2009 "North-South Capital Movement and Global Environment." CITD Discussion Paper No. 09-12. <http://www.jnu.ac.in/sis/citd/DiscussionPapers/DP0912.pdf>.
21. Mehra, Meeta K., 2007. "Interaction between Trade and Environment Policies with Special Interest Politics." Institute of Economic Growth (IEG) Working Paper No. E/279/2007.  
<http://www.iegindia.org/workpap/wp279.pdf>

#### **Recent Research Work (Ongoing and Completed):**

- Research on "Welfare Effects of Catastrophic Climate Events on Mountain Communities: A Case Study of the Uttarakhand Flash Floods" since January 2021 (with Gaurav Bhattacharya and Jheelum Sarkar).
- Research on "Mapping Climate Risk Index: A Case Study of Ladakh, India", since June 2020 as part of Knowledge for Climate: Strengthening Capacities and Resilience in Climate Adaptation (with A P Dimri, Jheelum Sarkar, Veruska Muccione and Christine Jurt)
- Research article on "Covid-19 and Green Recovery in South Asia: Opportunities for Recovering Better", commissioned by Council for Strategic and Defense Research (CSDR), New Delhi, since December 2020.

- Research on “Do Farmers' Ability and Community Networks Matter in Agricultural Adaptation to Climate Change? A Case Study of Bihar”. Lead Researcher, since March 2020.
- “Clusters of Cooperation in the Global South (CLOC) Knowledge2Action in respect of Sustainable Development Goals in South Asia”. (jointly with University of Lausanne, University of Zurich and University of Fribourg and JNU), since May 2019.
- “Gendered Socio-economic Impacts of Climate Change in Upper-Indus Basin (UIB)”, Lead author as part of UIB-Network, International Centre for Integrated Mountain Development (ICIMOD), Nepal, since April, 2019.
- Research project on “Knowledge for Climate: Strengthening Capacities and Resilience in Climate Adaptation”, November 2018-October 2020 (jointly with University of Zurich, University of Bern and ETH, Zurich, Switzerland, and JNU)
- Research paper on “Energy Efficiency and Clean Energy Transitions in India: What Do These Mean for Climate Change Mitigation” commissioned by the Federation of Indian Petroleum Industry, November 2018-January 2019.
- Research monograph on “Renewable Energy in India: Implications for the Macro Economy and Energy Security” commissioned by the Climate Policy Initiative (CPI) as a part of the study on “Research on An Assessment of India's Energy Choices”, October 2016-February 2018 (with Saptarshi Mukherjee).
- Research project on “BRICS: An Alternative Vision of Trans-Regional Cooperation from the Global South”. Supported by the Indian Council of Social Science Research (ICSSR). April 2015-March 2017. Working on Trade, FDI and Climate Change Issues in the BRICS.
- Research paper on “Role of Fiscal Instruments in Promoting Low-carbon Technology Innovation: A Scoping Study” for the Green Growth Knowledge Platform (GGKP) of UNEP, October 2014-February 2015, (with Rita Pandey).
- Research project on “Growth and Development Impacts of Climate Change in the Context of Skill-Biased Technological Transition”. Funded by UPE II, Jawaharlal Nehru University. October 2014-July 2018.
- Research on “Climate Change and Endogenous Growth in a Multi-Country Heterogeneous World” as part of Rockefeller Foundation Bellagio Academic Residency awarded to me during June- July 2013.
- Research paper on “Revisiting Energy Subsidies in the Context of Ongoing G-20 Dialogue: A Discussion with Special Reference to India” commissioned by ICRIER, New Delhi for Department of Economic Affairs, Ministry of Finance, Government of India.
- Collaboration on “Sustainable Cities Initiative” with Lawrence Berkeley Laboratory, University of Berkeley (with Maithili Iyer and Stephane de la Rue du Can).
- “Framework for Implementation of Climate Change Treaty through Self-enforcing Mechanisms” for ICRIER, New Delhi (with Saptarshi Mukherjee).
- “Optimal Public Policy in a Schumpeterian Model of Endogenous Growth with Environmental Pollution”, under DAAD Fellowship at HTW, Berlin.
- “International Trade and Carbon Leakage: An Analytical Framework for India and Russia”, for Vi-UNCTAD, Geneva (with Aparna Sawhney).
- “Indian Perspective on Clean Energy and Energy Efficiency” for ICRIER, New Delhi (with Aparna Sawhney).
- Joint Research on “Regional Trade Agreements (RTAs)” with the University of Jordan and University of Mauritius, for the Vi-UNCTAD, Geneva. Analyzed the case of South Asian region.
- Teaching material preparation (4 chapters International Trade and Environmental Economics) for the E-book on “Environmental Economics with an International Dimension for the Vi-UNCTAD, Geneva (with Sangeeta Bansal and Aparna Sawhney).

### **Past Employment Record**

#### ***From June 2003-September 2004***

- Chairperson, Centre for International Trade and Development (CITD), School of International Studies (SIS), Jawaharlal Nehru University (JNU), New Delhi (December 2013-December 2015). Managing the academic

and administration coordination of the entire work of the Centre, students' admissions, evaluations, research activities etc. Providing channel of communication to the School and the University Administration. Member of the Board of Studies and the Academic Council of the University.

- Professor of Economics, CITD, SIS, JNU, New Delhi (since September 2010) and Associate Professor, (September 2004-2010). Teaching and research supervision. Coordinator of the MA (Economics) program (2004-2007). Coordinator of the MPhil/PhD program (2011-2013). Director of the Ford Endowment Grant (2008-2011).
- Associate Professor and Head (January 2004-September 2004), Department of Natural Resources, Faculty of Applied Sciences, TERI University, New Delhi. Taught courses relating to Basic Microeconomics, Resource Economics, Environmental Economics and select topics in Natural Resources Management in the M.Sc. and Ph.D. programs. Coordinated the academic and administrative work of the department. Member of the Board of Studies and the Academic Council of the University.
- Assistant Professor (June 2003-December 2003), Department of Natural Resources, Faculty of Applied Sciences, TERI University, New Delhi
- Visiting Faculty at the Training Course for Indian Statistical Service (ISS) Officers at the Indian Statistical Institute during September 2003.
- Faculty at the Academic Staff College, Jawaharlal Nehru University during January 2004 and February 2006.
- Visiting Faculty at Centre for International Trade and Development, School of International Studies, Jawaharlal Nehru University, New Delhi during February 2004
- Visiting faculty at Centre for Environmental Law, World Wildlife Fund-India, Lodhi Estate, New Delhi during 2003 and 2004.

#### ***From April 2002-May 2003***

- Fellow and Area Convener, Trade & Environment Area at The Energy and Resource Institute (TERI), Habitat Place, New Delhi, India. Research inputs to projects, research coordination and administrative responsibility of the area in terms of linkages to the other areas in the Division and the larger organization as well as with the project clients.
- Adjunct Faculty, TERI University (Since 2000).

#### ***1998-2002***

- Fellow and Area Convener, Modeling and Economic Analysis Group at TERI. Research inputs to projects, research coordination and administrative responsibility of the area in terms of linkages to the other areas in the Division and the larger organization as well as with the project clients.

#### ***1994-1998***

- Research Fellow, Indian Statistical Institute, Delhi. Worked on PhD Thesis. (On Study Leave).

#### ***1988-1994***

- Research Associate at TERI

### **Research Projects Worked on in the Past**

#### ***During 1999-2003***

- Worked on scenarios for trade in carbon emissions by using the CERT (Carbon Emissions Reduction Trade) model to help identify strategies for sale of carbon emissions as part of the project "India's National Strategy Study for the CDM" funded by the World Bank.
- Worked on Phase I of project "WTO and Subsidies: Bridging the North-South Divide" in collaboration with IISD (International Institute of Sustainable Development, Canada) and the Earth Council. The project aimed to tackle the tenacious issue of domestic and trade-related subsidies and its interplay with WTO Agreements.
- Coordinated the activities of the technical cell for the "Study on Trade and Environment: Negotiating Strategies for India in the World Trade Organization (WTO)". This was analytical support to the Ministry of

Commerce & Industry, Government of India, on negotiations in the WTO relating to the trade and environment agenda, in the aftermath of the Doha Ministerial Conference.

- Prepared the monograph for presentation at the Preparatory Committee meetings of the World Summit on Sustainable Development, Johannesburg, 2002 on “Trade, Investment and Globalization in India: Addressing Agenda 21 Concerns.” This was supported by the Ministry of Environment and Forest, Government of India.
- Developed a bio-socio-economic model for villages to assess impact of development (in industrial, tourism and agricultural domains) on environment at the micro level. This was part of a larger study “Measuring, Monitoring and Managing Sustainability: The Coastal Dimension”. Supported by the European Union (EU).
- Coordinated the activities, wrote the state of the environment report and participated in working group on building long run global scenarios for the Asian-Pacific region for the “Global Environmental Outlook – Phase III”, funded by United Nations Environment Program (UNEP).
- Estimated long run demand for coal as a part of the study titled “Coal in India’s Future Energy Scene”, which was funded by Coal India Ltd, Government of India.
- Worked on the project titled “Green Budgeting” supported by the Canadian International Development Agency (CIDA).

#### ***In 1998 or Earlier***

- Survey of Indo-Japanese Trade with Focus on Environmental Considerations in Selected Industries for MITI, Japan
- Energy Security and its Implications for Asia for the Security Council, Government of India
- Environmental Consideration in Energy Development, for the Asian Development Bank (ADB).
- Energy for Tomorrow’s World-the South Asia region for the World Energy Council’s larger global study for presentation at the 15th Congress of the World Energy Council (WEC).
- Mathematical models to forecast the demand for coal in India up to the year 2004-05 supported by the Coal India Limited, Government of India
- Environmentally Sound Energy Development - India Pilot Project, for the United Nations Environment Program (UNEP)
- Integrated Energy Pricing, for the Department of Power, Government of India
- Rational Energy Pricing for the Confederation of Indian Industry, India

#### **Important Seminars/ Lectures/ Conference Presentations**

1. Satya P. Das and Mehra Meeta K. “North-South Capital Mobility and Global Environment.”
  - Presented at the Annual Conference of the India and South-East Asia chapter of the International Econometric Society. Organized at the Indian Statistical Institute, Delhi Centre. December 1998.
  - Presented at the II International Conference on Environment and Development, September 6-8, 2000 Beijer Institute, Stockholm, Sweden.
2. Mehra Meeta K. “Interaction between Trade and Environment Policies with Special Interest Politics.”
  - Presented at the Conference on Sustainable Resource Use and Economics Dynamics. Monte Verita, Ascona, Switzerland. June 7-10, 2004.
  - Presented at the Second World Congress of Environmental and Resource Economists, Monterey, California, June 24-27, 2002.
  - Invited speaker at the International Conference on International Dimension of Environment Policy organized by the European Science Foundation and University of Venice, Naples, Italy. October 7-12, 2001.
3. Mehra Meeta K. and Das Satya P. “North-South Trade and Pollution Migration: The Debate Revisited.”
  - Invited speaker at the Conference on International Dimension of Environment Policy organized by the European Science Foundation and Tilburg University, Kerkrade, The Netherlands. October 7-12, 2000.

- An extended revised/ extended version presented at the International Conference on Environment and Development organized by the CITD, School of International Studies, JNU, April 7-8, 2005, New Delhi, India.
- 4. Invited speaker on “FCCC, Kyoto Protocol and Trade” at the UNFCCC Workshop on Cleaner or Less Greenhouse Gas-Emitting Energy: Exchange of Information and Views. Whistler, British Columbia, Canada. 7-8 May 2002.
- 5. Invited speaker on “Climate Change and Energy Security” at the workshop at India-Europe Dialogue 2008, Paris, December 12-13, 2008, CERI (Paris), SWP (Berlin), FES (Berlin, New Delhi).
- 6. Participated as an institutional partner at the "Building a Global Partnership - Studies on Money, Finance, Trade and Development" during April 17-18, 2009, at HTW (Applied Sciences University), Berlin.
- 7. Speaker on “Indian Perspective on Clean Energy and Energy Efficiency” paper prepared for the ICRIER Multi-Country Research Dialogue titled Emerging Economies in the New World Order: Promises, Pitfalls and Priorities. New Delhi, April 12-13, 2010.
- 8. Invited lecture on “Economics of Trade and Environment: Developing Country Perspectives”, Department of Economics, HTW-Berlin, June 21, 2010.
- 9. Invited lecture on “A Perspective on India’s Trade Policy in Recent Years”, Department of Business, HTW-Berlin, June 30, 2010.
- 10. Invited speaker on “Indian Perspective on Energy and Climate Change Mitigation” in the Session on “What would a “grand bargain” to reduce carbon emissions drastically look like?” at the Symposium organized by the Financial Services Volunteer Corps/Carnegie Corporation of New York on Redefining International Relationships and Institutions: Strengthening Cooperation among the United States, Russia, and China, during June 3-5, 2011, Shanghai, China.
- 11. Invited speaker on “Country Perspective: India” at the Conference on “Pro Climate Justice: International Perspectives in the Run-up to the World Climate Summit in Durban” during November 6-10, 2011 at Friedrich-Ebert-Stiftung (FES), Berlin (Germany) and Brussels (Belgium).
- 12. Mehra Meeta K, Mukherjee Saptarshi, and Dutta Monica, “Framework for Implementation of Climate Change Treaty through Self-enforcing Mechanisms”.
  - Presented at the XXIst Annual Conference on Contemporary Issues in Development Economics, Department of Economics, Jadavpur University, Kolkata, India during December 20-21, 2011.
  - Accepted for presentation at the 2012 Berlin Conference on the Human Dimension of Global Environmental Change, October 5-6, 2012, Berlin, Germany.
  - Presented at the 2nd Conference on Environment and Natural Resources Management in Developing and Transition Economies with a pre-conference on Migration and the Environment, October 17-19, 2012 Clermont Ferrand, France.
- 13. Mehra, Meeta K. and Basu, Sujata, “Optimal Public Policy in a Schumpeterian Model of Endogenous Growth with Environmental Pollution”.
  - Presented at the CITD International Conference 2012 on Trade, Growth and Development: Two Decades of Reform in India and After at the Jawaharlal Nehru University, New Delhi, India during April 3-4, 2012.
  - Presented at the 2nd Conference on Environment and Natural Resources Management in Developing and Transition Economies with a pre-conference on Migration and the Environment, October 17-19, 2012 Clermont Ferrand, France.
  - Presentation at the 12th Journées Louis-André Gérard-Varet Conference in Public Economics and 62nd Meeting of the French Economic Association, June 24-28, 2013, Marseille, France
  - Accepted for presentation at the 20th Annual Conference of the European Association for Environmental and Resource Economists, June 26-29, 2013 in Toulouse, France.
- 14. Invited panelist at the session on “Synergies and Trade-offs between Multiple Energy Objectives (Climate Change, Air Pollution and Health, and Energy Security)” at the UNIDO-IIASA-TERI Regional Workshop on Global Energy Transformation: Pathways and Policy Tools, May 8, 2012, New Delhi, India.

15. Invited lectures on “Indian Perspective on Clean Energy and Energy Efficiency for Climate Change Mitigation” and “Environmental Economics and Policy” at the Lal Bahadur Shastri National Academy of Administration, Mussoorie, Uttarakhand, India on May 16, 2012.
16. Keynote speaker on “Economic Basis of Payment for Ecosystem Services (PES)”, at the Brainstorming Session on Managing Forest for Water through Payment of Ecosystem Services (PES) Framework on May 21, 2012 at TERI University, New Delhi, India.
17. Invited lecture on “Payment for Ecosystem Services: Tools and Success Stories” at the Training Program on Role and Scope of Environmental Economics in Sustainable Development for the Senior Officers of the Indian Forest Service on September 13, 2012, National Institute of Public Finance and Policy, New Delhi, India.
18. Panelist at session on the “Political Economy Issues Linked to Environmental Fiscal Reforms” at the Conference on Environmental Fiscal Reforms organized by The Energy and Resources Institute (TERI), Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) and the Ministry of Environment and Forest (MoEF), Government of India on September, 20 2012, New Delhi, India.
19. Invited public lecture on “India and the World Economy” at the Karazin Kharkov National University, under the aegis of the Ukrainian-Indian Academic Center and the Embassy of India in Ukraine on May 8, 2013, Kharkov, Ukraine.
20. Invited lecture series (10 lectures) on “International Economics and India in a Globalizing World” at the Department of International Economics, Institute of International Relations (IIR), Taras Shevchenko National University in Kyiv, Ukraine during May 2013.
21. Talk on overview of my research on “Climate Change and Endogenous Growth in a Multi-Country Heterogeneous World” at the Bellagio Centre, as part of Rockefeller Bellagio Academic Residency, June 20, 2013.
22. Invited panelist at the 4<sup>th</sup> Chandigarh Social Science Congress, organized by Punjab University. Session on “Millennium Development Goals: Beyond 2015.” March 26-27, 2014. Chandigarh, Punjab, India.
23. Invited speaker to speak on “India’s Standpoint in Ongoing Climate Change Negotiations and Scope for International Cooperation” in the session on Environment, Climate Change and Resources at the SIS-ICWA Dialogue 2014: India in the Emerging Global Order: Political, Strategic and Economic Dynamics, November 10 – 12, 2014, New Delhi.
24. Invited speaker on “India and Europe as Partners in Global Governance at the India” at the India-Europe Dialogue 2014: Common Challenges facing India and Europe. A roundtable organized by Friedrich-Ebert-Stiftung (FES) and Stiftung Wissenschaft und Politik (SWP) and Jawaharlal Nehru University (JNU). December 9, 2014, New Delhi.
25. Invited panelist in the session on “Global Resource Trade and Domestic Policies and Regulation- Impact and Influence” at the TERI-Konrad Adenauer Stiftung (KAS) conference on Accessing Resources from Global Market: Geo-political challenges and strategies, September 16-17, 2015, New Delhi, India.
26. Invited speaker on “Economic Growth, Trade and Investment Trends in BRICS” at the seminar on BRICS organized by the Department of Economics, University of Campinas, Brazil. June 22, 2016, Campinas, Brazil.
27. Invited speaker on “Evolution of Economic Growth Theory: Old to New Paradigms”, School of Business at the O.P. Jindal Global University, November 7, 2016, Haryana, India.
28. Paper titled “Dynamics of Political Budget Cycle” accepted for presentation at the 18<sup>th</sup> Meeting of the Association of Public Economic Theory Conference 2017, Paris, France, July 10-13, 2017 (with Ganesh Manjhi).
29. Speaker on “Environmental Regulation and Intra-Industry Trade” at the 16<sup>th</sup> Journées Louis-André Gérard-Varet Conference in Public Economics, Aix-en-Provence, France, June 12-13, 2017 (with Deepti Kohli).  
– Accepted for presentation at the 18<sup>th</sup> Meeting of the Association of Public Economic Theory Conference 2017, Paris, France, July 10-13, 2017.

- Accepted for presentation at the 23rd Annual Conference of the European Association of Environmental and Resource Economists (EAERE), Athens, Greece, June 28-July 1, 2017.
- Accepted for presentation at the conference on “Issues of Economic and Financial Market Reforms and Development in Emerging Markets”, University of Lincoln, Lincoln, UK, June 8-9, 2017.
- 30. Invited speaker on “Economic Growth, Trade and Investment in BRICS” at the Department of Economics, University of Pretoria, Pretoria, South Africa on June 26, 2017 (with Sk. Mohammad Azharuddin).
- 31. Paper titled “Quality of Schooling: Child Quantity-Quality Tradeoff, Technological Progress and Economic Growth” (with Swati Saini)
  - Accepted for presentation at the 4th International Conference on South Asian Economic Development, South Asian University, February 22-23, 2018, New Delhi.
- 32. Paper titled “Revisiting the Demographic Transition: A Unified Growth Approach” (with Sk. Md Azharuddin)
  - Accepted for presentation 17th Louis-André Gérard-Varet Conference, Aix-en-Provence, France, June 25-26, 2018.
  - Accepted for presentation at the Public Economic Theory (PET) 2018 Conference, Hue University, Vietnam, June 6-8, 2018.
- 33. Invited speaker on “Renewable Energy in India: What it Means for the Macroeconomy and Energy Security” at the Europe-India Roundtable on Climate Change & Clean Energy organized by JNU, India and University of Agder, Norway, in New Delhi, March 19, 2018.
- 34. Paper titled “Ability-Biased Technical Change, Economic Growth and the Environment” (with Saheli Das)
  - Accepted for presentation at 17th Louis-André Gérard-Varet Conference, June 25-26, 2018, Aix-en-Provence, France.
  - Accepted for presentation at 6th World Congress of Environmental and Resource Economists, University of Gothenburg, Sweden, June 25-29, 2018.
- 35. Invited speaker on “Environmental Economics & Policy: Background & Perspectives from India” at the training program on Role and Scope of Environmental Economics in Sustainable Development at the Indian Institute of Public Administration, New Delhi, May 15, 2018.
- 36. Invited panelist at the conference on “An Assessment of India's Energy Choices”, organized by Climate Policy Initiative, New Delhi, May 18, 2018.
- 37. Invited speaker on “Renewable Energy in India: Implications for the Macro Economy and Energy Security” (with Saptarshi Mukherjee, Gaurav Bhattacharya and Sk. Mohammad Azharuddin) at the annual DAAD funded workshop on Comparative Economic Development Studies titled “Sustainable Growth and Diversification” organized by HTW, Berlin and University of Pretoria, Pretoria, South Africa, September 10-14, 2018.
- 38. Invited speaker on “Mapping Vulnerability and Adaptation to Climate Change: A Case Study of Ladakh, India” (with Ashok P Dimri) at the workshop on “Knowledge for Climate”, organized by University of Zurich, Zurich, Switzerland, February 6-8, 2019, Seewis, Switzerland.
- 39. Invited speaker on “Livelihood and Gendered Socio-economic Impacts of Climate Change in India: What do these Imply for Sustainable Development Goals (SDGs)?” at the international seminar on “India-Japan Partnership for Achieving SDGs”, organized by ICRIER and Embassy of Japan, March 15, 2019 New Delhi.
- 40. Paper on “Energy Efficiency and Clean Energy Transitions in India: What Do These Mean for Climate Change Mitigation?” presented at the international conference on “India's Energy Security: Inter-regional Cooperation to Energy Security Society”, organized by SIS, Jawaharlal Nehru University (JNU), March 19-20, 2019, JNU, New Delhi.
- 41. Invited speaker on “Trade and Environment: Theoretical Perspectives” at the Fourth RIS-EXIM Bank Summer School on International Trade Theory and Practice, June 10-19, 2019, New Delhi.
- 42. Invited speaker at the Second Regional Strategic Committee (RSC) Meeting of the Upper Indus Basin Network (UIB-N), International Center for Integrated Mountain Development (ICIMOD), Kathmandu, August 26-27, 2019, Kathmandu, Nepal.

43. Invited Panelist at the Book Launch titled “Low Carbon Pathways for Growth in India”, organized by Indian Council for Research on International Economic Relations (ICRIER), New Delhi, September 30, 2019, New Delhi, India.
44. Invited participant at the Working Group Meeting of the Joint Research Program of the Indus Forum organized by International Centre for Integrated Mountain Development (ICIMOD) held on November 22-23, 2019, Dubai, UAE.
45. Presentation on research proposal for “Understanding Determinants of Impacts, Risks, and Adaptation Due to Climate Change: A Gender-Differentiated Case Study of Ladakh, India” at the Second Upper Indus Basin Network-Indian Chapter Workshop: Strengthening Science and Socio-economic linkages organized by JNU and ICIMOD held on December 13, 2019, New Delhi, India
46. Invited Panelist to speak on “Economics of Clean Energy” at the Young Economist Students’ Meet on Green Economy: Role of Public Policy in Environmental Security, organized by Department of Economics, Jadavpur University, January 9, 2020, Kolkata, India.
47. Invited lecture series on “Technological Progress and Endogenous Economic Growth”, at the FDP on Advanced Topics in Macroeconomic Theory and Policy, organized by Department of Business Economics, University of Delhi South Campus during March 11-13, 2020, New Delhi, India
48. Invited presentation on “Mapping Climate Risk Index (CRI): A Case Study of Ladakh, India” (with Sarkar, J and Dimri, Ashok P.) at the Second International Workshop on “Knowledge for Climate” organized by University of Zurich, September 21-23 September, 2020.
49. Invited lectures on lectures on "Trade, Environment and Natural Resources" in the Training Programme for IES Probationary Officers at the Institute of Economic Growth, September 29, 2020 and October 9, 2020, New Delhi.
50. Invited lecture on “Air Quality and Health” at the 4th Refresher online Course of Environmental Studies through online mode organized by HRDC-JNU on September 14, 2020.
51. Invited participant and presenter at the Second Regional Upper Indus Basin Network Annual Meeting (RUAM) organized by ICIMOD, Kathmandu, in online mode, January 26-27, 2021.
52. Invited participant at the First India Community of Practice Meeting Economics of Energy Innovation & System Transition (EEIST) Study, organized by University of Exeter, University of Oxford, University College London, The Energy and Resources Institute (TERI), WRI India, in online mode, January 21, 2021.
53. Invited Panelist at workshop on "Low-Carbon Development Scenarios: Integrating Economy, Environment, and Society" organized by WRI India in online mode, February, 3, 2021, New Delhi.
54. Invited speaker on “Do Farmers' Ability and Community Networks Matter in Agricultural Adaptation to Climate Change? A Case Study of Bihar” at International Growth Centre’s (IGC’s) Research Dissemination Webinar on “Agricultural Practices & Productivity – Evidences from Bihar, India”, June 17, 2021
55. Presentation on “Impact of Extreme Climate on Household Social and Aggregate Expenditures in Uttarakhand: A District-level Quantitative Assessment” (with Gaurav Bhattacharya and Jheelum Sarkar) at the ISEE/ESEE Conference on Building Alternative Livelihoods in Times of Ecological and Political Crisis, July 5-8, 2021, University of Manchester, UK.
56. Presentation on “Relevance of Autonomous Agricultural Adaptation to Climate Change: A Survey Analysis of Bihar (with Saheli Das and Jones Paulson) at the Online International Research Symposium on “Evidence for Action Aligning the Climate and SDG Agendas, organized by University of Sussex (IDS), July 20-22, 2021