
C U R R I C U L U M V I T A E

O F

K. S. Kavi Kumar

E D U C A T I O N

Indira Gandhi Institute of Development Research (IGDR) **1992-1998**
Mumbai, INDIA

Ph.D. awarded in October 1998 after successfully defending thesis titled *Modeling and Analysis of Climate Change Impacts on Indian Agriculture*.

Post Graduate Diploma in Development Policy awarded in July 1993 after successful completion of the graduate coursework in Economics.

Indian Institute of Technology (IIT) **1988 - 1990**
Kharagpur, INDIA

Master of Technology in *Industrial Engineering and Management*

Jawaharlal Nehru Technological University (JNTU) **1984 - 1988**
Kakinada, INDIA

Bachelor of Technology in *Mechanical Engineering*

A W A R D S / F E L L O W S H I P S / M E M B E R S H I P S

2020 -: Member of Working Group for Assessing Access and Benefit Sharing Potential, National Biodiversity Authority

2019 -: Member of the Expert Committee for Mathematical Research Impact-Centric Support Scheme (MATRICS), Science and Engineering Research Board, Dept. of Science and Technology, Govt.

2019 -: Member of Expert Committees set up by National Green Tribunal to, (i) prepare scale of compensation for illegal sand mining in India; (ii) assess causes and quantum of damages due to pollution in Chennai water ways.

2018 -: Member of Technical Advisory Committee for India's 3rd National Communication and Biennial Update Reports to the UNFCCC

2014–2017: Member of the Expert Committee on Access and Benefit Sharing, National Biodiversity Authority.

2014–2016: Member of the Expert Committee on Climate Change, Ministry of Environment and Forests, Government of India

2012–2016: Member of the State Environmental Appraisal Committee, Government of Tamil Nadu

2011-2015: Member of the Core Group for the preparation of the State Action Plan on Climate Change, Tamil Nadu

2011–2014: Member of the Expert Committee for technical evaluation of Sponsored/Competitive Grants Component under 'National Initiative on Climate Resilient Agriculture' launched by ICAR

2007–2015: Member-secretary of the Steering Committee of **Centre of Excellence in Environmental Economics** - funded by the Ministry of Environment and Forests, Government of India.

- 2006–2011: Member of the **Indian National Committee** for the India-IIASA Program, TIFAC, Department of Science and Technology, Government of India.
- 2006: **Visiting Scientist** at Potsdam Institute for Climate Impact Research, Germany to work on PIK and SEI joint project FAVAIA – Formal Approaches to Vulnerability Assessment that Informs Adaptation, May – June.
- 2004: **Visiting Scientist** fellowship to visit Potsdam Institute for Climate Impact Research, Germany from **START: The global change SysTem for Analysis, Research, and Training, Washington, D.C.**, October-December.
- 2001: **Young Scientist** award for South Asia region from **START: The global change SysTem for Analysis, Research, and Training, Washington, D.C.**
- 1997: Fellowship for the **Ph.D. Internship Program** at the **United Nations University/Institute of Advanced Studies (UNU/IAS), Tokyo**, March-November.
- 1994: Fellowship for **Associate** in the Food and Agriculture Program at **International Institute for Applied Systems Analysis, Austria**, November-December.
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R E S E A R C H / W O R K E X P E R I E N C E

- Professor at **Madras School of Economics**, Chennai: **July 2007 till date**.
- Visiting Researcher at **Indira Gandhi Institute of Development Research**, Mumbai: **May 2017**.
- Associate Professor at **Madras school of Economics**, Chennai: **April 2002 to July 2007**.
- Visiting Scientist at **Potsdam Institute for Climate Impact Research**, Potsdam: **October-December 2004**.
- Assistant Professor at **Madras school of Economics**, Chennai: **October 1999 to April 2002**.
- Research Associate in Environmental Economics Unit at **Institute of Economic Growth**, Delhi: **February 1999 to October 1999**.
- Research Associate in Centre for Global Environmental Research at **Tata Energy Research Institute**, New Delhi: **May 1998 to February 1999**.
- Consultant to the **GIZ (Deutsche Gesellschaft fur Internationale)**, New Delhi, **August-November 2015**.
- Consultant to the **GIZ (Deutsche Gesellschaft fur Internationale)**, New Delhi, **August-September 2012**.
- Consultant to the **Global Development Network**, New Delhi, **June 2011 to December 2012**.
- Consultant to the **World Bank**, Washington D.C., **November 2008 to June 2009**.
- Consultant to the **World Bank**, Washington DC, **May to August 1997**.
- Consultant to the **World Bank**, Washington DC, to work on a project to assess Climate Change Impacts on Indian Agriculture: **March 1996 to May 1997**.
- Associate in Food and Agriculture Program at **International Institute for Applied Systems Analysis**, Austria: **November-December, 1994**.
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Assistant Manager in Management Services Division of **Alloys Steel Plant, Steel Authority of India Limited**, Durgapur: 1990-1992.

P U B L I C A T I O N S (J O U R N A L S / B O O K S / W O R K I N G
P A P E R S) (S I N C E 2 0 1 5)

- Pattanayak, A. and **K.S. Kavi Kumar** (2020), 'Does Weather Sensitivity of Rice Yield Vary across Sub-regions of a Country? Evidence from Eastern and Southern India', *Journal of Asia Pacific Economy*, doi: 10.1080/13547860.2020.1717300.
- Dayakar, P. and **K.S. Kavi Kumar** (2020), 'Farmer's Perceptions about Soil Erosion in Rainfed Areas of Telangana, India', *Journal of Public Affairs*, doi: 10.1002/pa.2374.
- K.S. Kavi Kumar** and A. Pattanayak (2020), 'Climate Change Impacts and Indian Agriculture: A Review', in J.R. Bhatt and K. Parikh (ed.), *Climate Change: India's Perceptions, Policies and Expectations*, MoEF&CC, Gol (forthcoming).
- Sandhani, M., A. Pattanayak, and **K.S. Kavi Kumar** (2020), 'Impact of Climate Change on Economic Growth: A Case Study of India', MSE Working Paper, Madras School of Economics (forthcoming).
- K.S. Kavi Kumar** and B. Viswanathan (2019), 'Mainstreaming Climate Change Adaptation: Agriculture', in N. Dubash (ed), *India in a Warming World – Integrating Climate Change and Development*, OUP, New Delhi.
- K.S. Kavi Kumar**, B. Viswanathan, and P. Dayakar (2019), 'Climate and Weather Induced Agricultural Distress and Migration: Characteristics and Evidence', *Productivity*, 60(2), July-September.
- Thornton, P.K., A.M. Loboguerrero, B.M. Campbell, **K.S. Kavi Kumar**, L. Mercado, and S. Shackelton (2019), 'Rural Livelihoods, Food Security and Rural Transformation under Climate Change', background paper for *Global Commission on Adaptation*, www.gca.org.
- Barve, S., **K.S. Kavi Kumar**, and B. Viswanathan (2019), 'Weather Shocks, Agricultural Productivity and Farmer Suicides in India', MSE Working Paper, 185/2019, Madras School of Economics, December.
- Pattanayak, A. and **K.S. Kavi Kumar** (2019), 'Fiscal Transfers, Natural Calamities and Partisan Politics – Evidence from India', MSE Working Paper, 184/2019, Madras School of Economics, July.
- Pattanayak, A. and **K.S. Kavi Kumar** (2019), 'Assessment of Climate Change Impacts and Adaptation: A Methodological Review and Application to Indian Agriculture', MSE Working Paper, 183/2019, Madras School of Economics, July.
- K.S. Kavi Kumar**, A. Pattanayak, B. Viswanathan, and A. Chaturvedi (2019), 'Climate Risk and Rural India: Research and Policy Issues', MSE Working Paper, 182/2019, Madras School of Economics, May.
- Dayakar, P. and **K.S. Kavi Kumar** (2019), 'Farmer's Perception on Soil Erosion in Rainfed Watershed Areas of Telangana, India', MSE Working Paper, 180/2019, Madras School of Economics, April.

- K.S. Kavi Kumar** (ed.) (2018), 'A Study of India's Textile Exports and Environmental Regulations', Springer, January.
- Anneboina, L.R. and **K.S. Kavi Kumar** (2017), 'Economic Analysis of Mangrove and Marine Fishery Linkages in India', *Ecosystem Services*, 24, 114-123.
- Shanmugam, K.R. and **K.S. Kavi Kumar** (ed.) (2016), 'Environment and Development: Essays in Honour of Dr. U. Sankar', Sage Publications, New Delhi, January.
- B. Viswanathan and **K.S. Kavi Kumar** (2016), 'Use of Kerosene for Cooking in India: Recent Trends and Environmental Implications', *Review of Development and Change*, XXI(1), 65-87.
- L.A. Acosta, D.B. Magcale-Macandog, **K.S. Kavi Kumar**, X. Cui, E.A. Eugenio, P.B.M. Macandog, A.R. Salvacion, and J.M.A. Eugenio (2016), 'The Role of Bioenergy in Enhancing Energy, Food and Ecosystem Sustainability Based on Societal Perceptions and Preferences in Asia', *Agriculture*, 6 (19).
- L.R. Anneboina and **K.S. Kavi Kumar** (2016), 'Caught in the Net: Fish Consumption Patterns of Coastal Regions in India', *Economic and Political Weekly*, 19, May 7.
- B. Viswanathan and **K.S. Kavi Kumar** (2015), 'Weather, Agriculture and Rural Migration: Evidence from State and District Level Migration in India', *Environment and Development Economics*, <http://dx.doi.org/10.1017/S1355770X1500008X>.
- Srivastava, D.K. and **K.S. Kavi Kumar** (ed.) (2014), *Environment and Fiscal Reforms in India*, Sage Publications, New Delhi, January.

R E S E A R C H P R O J E C T S (S I N C E 2 0 1 0)

- Principal Investigator for the preparation of "State of Environment Report for Tamil Nadu", project funded by the Department of Environment, GoTN: **January 2015 – January 2016.**
- Co-principal Investigator for "Coastal Capital: An Economic Valuation of Coastal and Marine Ecosystem Goods and Services in India", project funded by National Centre for Sustainable Coastal Management: **June 2014 – March 2016.**
- Co-principal Investigator for "Integrated sustainability assessment of bioenergy potentials in Asia: An application of a hybrid approach on trade-offs and pathways (PIC-STRAP)", project funded by Asia Pacific Network: **June 2013 – August 2015.**
- Co-principal Investigator for "Fiscal Instruments for Climate Friendly Industrial Development in the State of Tamil Nadu", project funded by British High Commission under the Prosperity Fund: **December 2011 – March 2013.**
- Co-principal Investigator for "Climate Change, Agricultural Impacts and Migration: Case Study of India", project funded by South Asian Network for Development and Environmental Economics: **August 2011 to July 2012.**
- Principal Investigator for "Preparation of Base Paper on Green Economy", project funded by the Ministry of Environment and Forests, Government of India: **June 2011-July 2012.**
- Team Leader (South Asia Region) for preparing a policy paper on "Addressing Long-term Challenges for Food Security and Rural Livelihoods", project funded by Global Development Network, **June 2011-December 2012.**

Co-principal Investigator for “Integrating Pollution-Abating Economic Instruments in Goods and Services Tax (GST) Regime”, project funded by the Strategic Programme Fund of British High Commission: **May 2009 – March 2012.**

T A L K S / S E M I N A R S (S I N C E 2 0 1 8)

- “COVID-19 Recovery and Environment”, panelist in online Panel Discussion, *COVID-19: Impact on the Economy and Inclusive Growth*, organized by Indian Economic Association and D.G. Vaishnav College, 3rd July 2020.
- “Climate Change and Agriculture”, invited talk at 102nd Conference of the Indian Economic Association, Pt. Ravishankar Shukla University, Raipur, 27-29th December 2019.
- “Rice Production Systems and Drought Resilience in India”, paper presented as part of Panel Discussion on *Climate Change Impacts and Indian Agriculture: Methodological Issues*, at the Tenth INSEE Biennial Conference, CESS, Hyderabad, 6-8th November 2019.
- “Financial Instruments to Manage L&D and Climate Risk”, invited talk at National Consultation Workshop on Loss and Damage, Government of India, 16th April 2019, New Delhi.
- “Drought in India: Some Issues”, invited talk at Conference on *Sustainable Management of Water Resources in India*, Annamalai University, 22-23 February 2019, Chidambaram.
- “Agricultural Distress and Migration: Climate Change Context”, invited talk at the 9th *International Conference on Climate Change*, TISS, 10-11 August 2018, Mumbai.
- “Reflections on Climate Change: Economics and Policy”, invited talk as part of *Nobel Insight Lectures 2018*, MES College, 21st December 2018, Bengaluru.
- “Fiscal Instruments and Environment: International Experience and Indian Scenario”, *Sir William Meyer Endowment Seminar 2017-18*, Department of Economics, University of Madras, 16th March, 2018.
- “Fiscal Instruments for Environmental Management”, invited talk at *Environment and Resource Economics Workshop*, Presidency University, Kolkata, 26-27 February, 2018.
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