

CURRICULUM VITAE

Lalit Kumar

Department of Business Economics
Dr. Bhim Rao Ambedkar College
Delhi University
Delhi 110094
E-mail: lkumar1503@yahoo.co.in



EDUCATION

Ph.D: 2019, Department of Business Economics, Delhi University on the topic “Economic Impact of Climate Change on Select Agricultural Crops: a Case Study of India”.

M. Phil: M.Phil from the Department of Business Economics, Delhi University. The Topic of the Dissertation was “Macroeconomic Variables and their impact on Indo-European Trade”, 2003.

M.B.E: Masters in Business Economics (M.B.E) from Delhi University with specialization in Econometrics, 1991.

B. A (Hons): Completed B. A (Hons) Economics from Delhi University, 1988.

FIELDS OF INTEREST AND PAPERS TAUGHT

Econometrics, Environmental Economics, Industrial Economics, Mathematics for Economics, Statistics for Economics, Advanced Quantitative Techniques

CURRENT POSITION

Associate Professor, Department of Business Economics, Dr. Bhim Rao Ambedkar College, Delhi University from 2011 onwards.

Assistant Professor, Department of Business Economics, Dr. Bhim Rao Ambedkar College, Delhi University from 1999 to 2011.

RESEARCH WORK AND PUBLISHED PAPERS

Books and Monographs

(i) Co-author of the reports/monographs for the Green Accounting framework for India Report to Green Indian States Trust (GIST):

1. Accounting for the Ecological Services of India's Forest. (Soil Conservation, Water Augmentation, and Flood Prevention). Green Indian States Trust (GIST), Published by TERI. 2005
2. Accounting for the Freshwater Quality in India. Green Indian States Trust (GIST), Published by TERI. 2007
3. Compiled a Green Indian States Trust (GIST) research-based set of state-wise economic inputs for "Development Alternatives" for publication in their "India Environment Atlas" for Ministry of Environment and Forest (MoEF) in 2009

(ii) Co-authored the report "Coffee Project-The vital role of Indian coffee towards ecosystem services and livelihoods", 2013. To assess the extent of contribution of coffee growing practices of Southern India to ecosystem services and biodiversity, the Centre for Social Markets (CSM) and Karnataka Growers Federation (KGF), partnered with GIST Advisory who was the lead research partner in the study to highlight the economic value of shade-grown coffee in representative farms of Karnataka. It also explored potential or real impacts to local biodiversity and human welfare from climatic impacts and deforestation.

Published papers

(i) P Indira Devi, Lalit Kumar, D Suresh Kumar, Manjula M, Pranab Mukhopadhyay, P Raghu, Devinder Sharma, R Sridhar, L Venkatachalam. 2017. "Payment for Ecosystem Services: A Policy for Guaranteed Farm Income and Sustainable Agriculture", Vol. 52, Issue No. 17, 29 April, Economic and Political Weekly (EPW).

(ii) Lalit Kumar. 2018. "Climate Change, Water Resources and Agriculture in India", Journal of Social Work Education, Research and Action (JSWERA), ISSN: 2394-4102, January-April

(iii) Lalit Kumar. 2018. "Economic impact of climate change on primary sector in India". Academia, ISSN 2395-0161, 2018

(iv) Bhanumurthy, K V, Kumar Lalit. 2018. "Climate Change and Agriculture in India: Studying Long Term Patterns in Temperature, Rainfall and Agricultural Output". Management and Economics Research Journal, Special Issue S2: "Global Warming and Climate Change: Part, E-ISSN: 2469-4339,4(2):156-173.

(v) Lalit Kumar, M Manjula, Ramachandra Bhatta, L Venkatachalam, D Suresh Kumar, P Indira Devi, Pranab Mukhopadhyay. 2019. 'Paying Farmers for Ecosystem Services, Not Just Crops, Doubling India's Farm Incomes', vol 54, Issue no.23, Economic and Political Weekly (EPW)

(vi) Manjula M, L. Venkatachalam, P. Mukhopadhyay and Lalit Kumar. 2019. “Ecosystem services approach for revitalizing agriculture in India”. Vol. 116, No. 5, Current Science, 10 March, 2019.

PROJECTS REPORTS

(i) Part of the team of the report “Economic Valuation of Landscape Level Wetland Ecosystem and its Services in Little Rann of Kachchh (LRK), Gujarat” submitted in 2015. The report was supported by Ministry of Forest and Climate Change, GOI, and GIZ, India under the “The Economics of Ecosystems and Biodiversity (TEEB) India” initiative.

(ii) Part of the project titled: Valuing the Services of Coral Reef Systems for Sustainable Coastal Management: A Case Study of the Gulf of Kachchh, India, presented to Gujarat Ecological Commission (GEC) on behalf of World Bank. 2010

MAJOR CONSULTANCIES

(i) Principal Investigator for the United Nations Environment Programme (UNEP) sponsored study for the Project Titled: “Capacity-building in national planning for food security” Punjab state (India). The project objective is to strengthen the capacity at the national level to identify environmental impacts and ecosystem degradation related to food production systems in two countries India and Uganda.

Three modules/technical reports were written highlighting various ecosystem services and associated trade-offs with food production. The details of the modules are as follows:

Module 1: Trend and pattern of food production in Punjab

Module 2: Ecosystem Services from Agro Ecosystems: Scenarios, Trends & Policy Response

Module 3: Trade-off and Synergies between Food Production and Ecosystem Services: Alignment of Goals and Coping Mechanism

(ii) Worked as Ecosystem Services National Consultant for the “Himachal Pradesh Forest and Ecosystems Management and Livelihoods Improvements Project in India” which was funded by Japan International Cooperation Agency (JICA) 2017. The Report was submitted by October 2017.

CHAPTER IN BOOKS

(i) Arun Dixit, Lalit Kumar, Pushpam Kumar and Kinjal Pathak. 2010. “Valuing the services of Coral ecosystem for sustainable coastal management: a case study of Gulf of Kachchh, India. “Valuation of Regulating Services of Ecosystem Services” Methodology and Application” edited by Pushpam Kumar and Michael D. Wood published by Routledge Explorations in Environmental Economics, London, 2010. ISBN no:0-415-56987-7.

(ii) Lalit Kumar and Harpinder Sandhu. 2017. "Ecosystem services and agriculture in Punjab, India". "Ecosystem Science, Valuation and Management: Theory and Practice" edited by Harpinder Sandhu published by Springer Publications in March 2017. ISBN no. 978-3-319-53966-9

REVIEWER

(i) Guidance Manual on Valuation and Accounting of Ecosystem Services for Small Island Developing States, UNEP, Ecosystem Services Economics Unit, Division of Environmental Policy Implementation (2014)

(ii) United Nations Office for REDD Coordination in Indonesia (UNORCID), 2015. Forest Ecosystem Valuation Study: Indonesia.

CONFERENCE PRESENTATIONS AND INVITED SEMINARS

1. Presented the paper titled "Valuing the Services of Coral Reef Systems for Sustainable Coastal Management: A Case Study of the Gulf of Kachchh, India at the SCAPES (Strengthening Capacity to Alleviate Poverty through Ecosystem Services): Putting Methodological Developments into Practice" in June 2009, in Bangalore. The workshop was organized by ATREE, The Institute for Sustainable Water, Integrated Management and Ecosystem Research (SWIMMER), University of Liverpool, UK, and partners.

2. Invited to workshop on "Managing Ecosystem Services for Poverty Alleviation: Linking Research, Practice, and Policy" in October, 2009, New Delhi. This was the final workshop in a consultative process under the project, "Strengthening Capacity to Alleviate Poverty through Ecosystem Services (SCAPES): Putting methodological developments into practice. The workshop was organized by Winrock International India (WII) and The Institute for Sustainable Water, Integrated Management and Ecosystem Research (SWIMMER), University of Liverpool, UK, and partners.

3. Presented the paper titled "Valuing the services of Coral ecosystem for sustainable coastal planning: a case study of Gulf of Kachch in Gujarat, India at the 11th Biennial Conference ISEE 2010 "Advancing Sustainability in a Time of Crises" held from 21-26 August, 2010 at Oldenberg, Germany.

4. Participated in the InVEST training workshop organized by United Nations Environment Programme (UNEP), 9-10 June, 2011 in Nairobi at the UNEP headquarters. The Department of Environment and Policy Implementation (DEPI) under UNEP coordinated the implementation of the InVEST training workshop. The general design of the InVEST tools included; Examples of how the models have been used in real policy processes (both terrestrial and marine); Details of the resources needed to use InVEST on the ground; Technical details of several InVEST models, with a mix of terrestrial, freshwater and marine models; Details of using model results in decision contexts, scenario generation, etc.

5. Presented a paper on “Economic Valuation” in TEEB India workshop organized by Institute of Forest Management, Bhopal and GIZ India held in Bhopal from 15-16 September, 2011.
6. Presented a paper in Regional Workshop on “Mainstreaming Ecosystem Services Approaches into Development: Application of Economic Valuation for Designing Innovative Response Policies” on 6-10 February, 2012, Bangkok organized by United Nation Environment Programme (UNEP).
7. Presented the paper “Accounting for the Ecological Services of India’s Forests: Soil Conservation, Water Augmentation, and Flood Prevention” at International Workshop on Mainstreaming Ecosystem Services into Development Policy: Approaches and Opportunities Port of Spain, Trinidad and Tobago, May, 2012 organised by United Nation Environment Programme (UNEP) and University of West Indies.
8. Presented the paper titled” The Economics of Ecosystems and Biodiversity (TEEB): a case study of India” at the ProEcoServ Inception Workshop, 6-8 June, 2011 in Nairobi organised by United Nations Environment Programme (UNEP). ProEcoServ aims at piloting the bundling of ecosystem services and the integration of ecosystem services approaches into decision making to promote innovative solutions that bear potential for scaling-up and replication.
9. Presented a paper titled “Agricultural Progress and Ecological Degradation: a case study of Punjab, India at the IUCN World Conservation Congress, Sept, 2012, Jeju, Korea. Also invited as one of the panelist of the UNEP organized workshop on "Food and Ecological Security: The Role of Public and Private Sector in Supporting Ecosystem Resilience" at the same workshop.
10. Presented the paper ‘Coffee To Go? The vital role of Indian coffee towards ecosystem services and livelihoods” at the United Nations Conference of Parties-11 Conference of Biodiversity “COP-11 CBD edition held in Hyderabad in October, 2012 to the select gathering of experts, policy makers, coffee growers and NGO’s.
11. Invited as a resource expert to the Inception and Training workshop " Capacity-building in national planning for food security" held in Uganda from 18-20th Sept, 2013, organised by National Planning Authority (NPA) in collaboration with National Environmental Management Authority (NEMA) of the Republic of Uganda and the World Agroforestry Centre (ICRAF) and support from the United Nations Environment Programme (UNEP). The objective was to share the experience and lesson learnt from the pilot study in Punjab state of India.
12. Invited to the Round Table Conference on 16th Oct, 2014 to the TARAGram Yatra 2014 “India Post 2015: A country in Transition-To Choose our future” organized by Development Alternatives.

13. Invited as an expert to Technical workshop on “Valuation and accounting of ecosystem services of Small Island Developing States” (SIDS), from 27 to 28 February 2014 in New York, United States of America organized by United Nations Environment Programme (UNEP).

14. Invited to Round Table on “Ecosystem Service value of Major Agro-ecosystems of India” 6-7 January 2017, Centre of Excellence in Environmental Economics, Kerala Agricultural University, Thrissur, Kerala.

15. Presented a paper on “The Economics of Ecosystem and Biodiversity” at the 2nd International Dialogue on “The Economics of Himalayan Ecosystems” at Chandigarh, on Jan 28-29, 2017, jointly organised by Dialogue Highway and department of Environment Studies, Panjab University, Chandigarh.

16. Presented a paper on “Trade Off between Agriculture Production and Degradation of Ecosystem Services: A case study of Punjab” at the International Conference on “Ecology, Economy and Society” at Thiruvananthapuram, Kerala, August, 16-18th August, 2018, organised by Inter University Centre for Alternative Economics, Department of Economics, University of Kerala.

CURRICULUM DEVELOPMENT

Convenor of the team which developed and revised the course content for Environmental Economics, Topics in Mathematics, Industrial Economics, Mathematics for Economics and Statistics for Business Economics for the Business Economics undergraduate programme of Delhi University, 2019.

POSITIONS HELD

Appointed College Welfare and Development Convenor since 2017. The duties involve planning for the holistic infrastructure development and academic improvement in the college.

Convener of the College Placement Committee since 2017. Responsible for the overall placement and internship of all the college students,

(LALIT KUMAR)