


Title	Dr	First Name	Lalit	Last Name	Kumar	Photograph
Designation	Associate Professor					
Address	A – 68 Yojana Vihar, Delhi-110092					
Phone No Office	9811197931					
Email/	lalit.kumar@bramb.du.ac.in					
Web-Page						
Educational Qualifications						
Degree	Institution					Year
Department of Business Economics, University of Delhi	Ph. D. in Climate Change Thesis: “Effects of Climate Change: A Study of Select Agriculture Crops for India”.					2019
Department of Business Economics, University of Delhi	M. Phil in international trade Thesis: “Macroeconomic Variables and their impact on Indo-European Trade”.					2003
University of Delhi	M.B.E: Masters in Business Economics (M.B.E) with specialization in Econometrics					1991
University of Delhi	B. A. (Hons) Economics					1988
Career Profile						
1998 to 2011: Assistant Professor, Department of Business Economics, Dr. Bhim Rao Ambedkar College, University of Delhi						
2011 to present: Associate Professor, Department of Business Economics, Dr. Bhim Rao Ambedkar College, University of Delhi						
Administrative Assignments						
Convenor IQAC (October 2021-Feb 2025)						
Areas of Interest / Specialization						
Econometrics, Mathematics, Statistics, Environmental Economics						
Subjects Taught						
Mathematics, Statistics, Environmental Economics, Industrial Economics						
Research Guidance						

Publications Profile
1. Co-author of the reports/monographs for the Green Accounting framework for India Report to Green Indian States Trust (GIST): (i) Accounting for the Freshwater Quality in India. Green Indian States Trust (GIST), Published by TERI. 2007 (ii) 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. 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
3. 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
4. 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).
5. Kumar, Lalit. 2018. "Climate Change, Water Resources and Agriculture in India", Journal of Social Work Education, Research and Action (JSWERA), ISSN: 2394-4102, January-April
6. Kumar, Lalit . 2018. "Economic impact of climate change on primary sector in India". Academia, ISSN 2395-0161, 2018
7. 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.
8. Kumar, L, 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)
9. 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.
10. Kumar, Lalit. 2022. Assessing the impact of water resources vulnerability under climate change in India. International Journal of Applied Environmental Sciences, ISSN 0973-6077 Volume 17, Number 1 (2022), pp. 1-18
CHAPTER IN BOOKS
1. 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 Kachch, 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.

2. 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, Springer Publications in March 2017. ISBN no. 978-3-319-53966-9

REVIEWER

1. 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)

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

Research Projects (Major Grants/Research Collaboration)

1. **Project Name:** Economic valuation of landscape level wetland ecosystem and its various services (prawn fish production; salt production; biodiversity, eco-tourism) in Little Rann of Kachchh (LRK)- a protected area system, Gujarat.

Client: GIZ & MoEFCC, New Delhi. **Duration:** 10 months (2014-2015). **Position:** Co-Investigator.

Activities Performed: Primary household surveys, focus group discussion and secondary data /information collation on various aspects of ecology and socio-economics. Apply CVM and Travel Cost methods for valuing the biodiversity values. Suggest key policy implications for better management of wetland system.

Project Name: Ecological-economic assessment of different ecosystem services of Coral Reef system in Gulf of Kachchh, Gujarat- a marine protected area.

Client: Gujarat Ecology Commission/ World Bank. **Duration:** 15 months (2009-2010). **Position:** Co-Investigator.

Activities Performed: Existing ecological & socio-economic data were collated & analyzed. Also, socio-economic surveys were conducted to record the values of coral reefs in local fisheries, eco-tourism and coastal area protection along the Jamnagar coast of GoK

2. **Project Name:** "Capacity-building in national planning for food security" Punjab state (India)

Client: United Nations Environment Programme (UNEP) **Duration:** 15 months (2011-2013). **Position:** Principal Investigator.

Activities Performed: The project objective was 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

3. Project Name: Himachal Pradesh Forest and Ecosystems Management and Livelihoods Improvements Project in India

Client: Japan International Cooperation Agency (JICA) **Duration:** 4 months (2017).
Position: Economist (Consultant)

Activities Performed: The proposed project was designed to address forest related concerns through improved management of the forests, including their sustainable use through community involvement and improving livelihoods and livelihood security, through site specific interventions. Conducted primary survey at different sites in Himachal Pradesh and prepared brief reports on applicability of REDD+, ecosystem services and scope of payment for ecosystem services of Himalayan forest of Himachal Pradesh.

Papers Presented

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 Nations 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, 16-118th August, 2018,

organised by Inter University Centre for Alternative Economics, Department of Economics, University of Kerala.

Association With Professional Bodies

Other Activities

Signature