

Ridhima Gupta

ridhima-gupta.com | ridhima.gupta@unsw.edu.au | +61-452 034 838

ADDRESS

129/19-23 Herbert Street, St Leonards NSW, 2065

SPECIALISATION

Environmental Economics, Agricultural Economics

EMPLOYMENT

Research Fellow (Level B), Institute of Climate Risk and Response (ICRR), University of New South Wales (UNSW Sydney), July 2025–Present

EMPLOYMENT HISTORY

Casual Academic, School of Economics, University of New South Wales , August 2024–August 2025

Assistant Professor, Faculty of Economics, South Asian University, July 2019–December 2023 .

Assistant Professor, Department of Economics, Indian Institute of Science Education and Research Bhopal, March 2017–May 2019.

Post Doctoral Fellow, Indian School of Business Hyderabad, June 2015–February 2017

Evaluation Specialist, Oxford Policy Management, July 2014–December 2014

EDUCATION

Ph.D., Economics, Indian Statistical Institute, Delhi, 2015.

MSc., Economics, Warwick University, 2006.

BA(H), Economics, Delhi University, 2004.

PUBLICATIONS

Academic Journals

- (a) “Electrification and Cooking Fuel Choice in Rural India,” with Martino Pelli, *World Development* (2021).
- (b) “Milk will drive Methane Emissions in India,” with Amlan Dasgupta, *Climatic Change* (2020).
- (c) “Fields on fire: Alternatives to crop residue burning in India,” with Priya Shyamsundar et al., *Science* (2019).
- (d) “Global warming and local air pollution have reduced wheat yields in India,” with E. Somanathan and Sagnik Dey, *Climatic Change* (2017)
- (e) “Low-hanging fruit in black carbon mitigation: crop residue burning in South Asia,” *Climate Change Economics* (2014)

Book Chapter

- (a) “The Economics of Rural Energy Use in Developing Countries,” with Ujjayant Chakravorty and Martino Pelli, *Handbook of Labor, Human Resources and Population Economics* (edited by K F. Zimmermann, Springer, 2023)

WORKING PAPERS

- (a) “Heat, climate control, and Worker Absences: Evidence from India,” with E. Somanathan (2024), *Revise and Resubmit at Land Economics* .
- (b) “Smoke Signals: The Exhaust-ing nature of Delhi’s Rush Hour,” with Kaniskha Kacker and Saif Ali (2024).
- (c) “Air Pollution and Infant Health,” with Aparajita Dasgupta and Devrrat Raghav (2024).
- (d) “Higher Temperatures and Household Nutrition: Evidence from India,” with Amlan Das Gupta and Ashokankur Dutta (2024), *Accepted at Food Policy* .

VISITING POSITIONS

Economics and Planning Unit, Indian Statistical Institute, Delhi, September 2023

Department of Social Sciences, Technology and Arts, Lulea University of Technology, June 2017

Department of Public Policy, O.P. Jindal Global University, January 2014–April 2014

OTHER POSITIONS

Consultant on a project funded by the World bank and led by several institutions such as IIT Delhi, IIASA etc. to develop an air quality modelling and management system for the Indo-Gangetic Plain states. I performed cost effective analysis on IIASA's GAINS model. June2021-December2022

RECENT TALKS

Australasian Development Economics Workshop 2025 (UNSW), June 2025

7th Annual CECFEE Research & Policy Workshop (Trivandrum), October 2023

EfD 17th Annual Meeting (Ghana), October 2023

TCI 10th Anniversary Conference: Food, Environment, and Health—Global Evidence (New York), May 2023

17th Annual Conference on Economic Growth and Development (New Delhi), December 2022

EfD 16th Annual Meeting (Uganda), September 2022

27th Annual Conference of the European Association of Environmental and Resource Economists (Italy), June 2022

GRANTS

EfD (Environment for Development), Co-PI, SEK 4,60,929, 2019-2020

SETI (Sustainable Energy Transitions Initiative), PI, USD 5000, 2018

SANDEE (South Asian Network for Development and Environmental Economics), PI, USD 6000, 2009-2011.

HONORS AND AWARDS

Peter Berck's Best Discussion Paper Award Awarded by Environment for Development (EfD) at the EfD 17th Annual Meeting (Ghana), October 2023

Senior Research Fellow Scholarship, Indian Statistical Institute, 2009–2011.

Junior Research Fellow Scholarship, Indian Statistical Institute, 2007–2009.

PROFESSIONAL AFFILIATIONS

Member, Centre for Research on the Economics of Climate, Food, Energy and Environment (CECFEE).

Member, Indian Society for Ecological Economics (INSEE).

Member Steering Committee, Sustainable Energy Transitions Initiative (SETI).

TEACHING

Graduate Teaching

Economics of Health and Human Capital at University of New South Wales Sydney

Statistics and Introductory Econometrics at South Asian University

Econometric Methods at South Asian University

Mathematical Economics at South Asian University

Introduction to South Asia at South Asian University

Impact Evaluation at OP Jindal Global University

Undergraduate Teaching

Environmental Economics at IISER Bhopal

STUDENT SUPERVISION

Master Thesis Supervision

Fariha Zaman Farhin, M.A. completed 2023

Nikhita Dhawan, M.A. completed 2022

Shubham Makker, M.A. completed 2022

Subhanshi Negi, M.A. completed 2021

Zarif Mohammadinia, M.A. completed 2021

Sudiksha Jha, M.A. completed 2020

Varun Agarwal, M.A. completed 2020

External Examiner

Kataria Apporva Indrapal Singh, PhD Ongoing (Indian Institute of Forest Management)

REFEREE SERVICE

Journal of Environmental Economics and Management, Climatic Change, Environment and Development Economics, Climate Change Economics

REFERENCES

E. Somanathan, Professor Economics and Planning Unit, Indian Statistical Institute, Delhi. Email: som@isid.ac.in, Phone: +91 (11) 41493939

Ujjayant Chakravorty, Professor, Department of Economics, Tufts University, Email: ujjayant.chakravorty@tufts.edu, Phone: +1 (617) 627-3560

Marc Jeuland, Professor, Sanford School of Public Policy, Duke University. Email: marc.jeuland@duke.edu, Phone: +1 (919) 613-4395