

Curriculum Vitae

Purnamita Dasgupta [May 2010]

ADDRESS:

Institute of Economic Growth (IEG), University of Delhi Enclave,
Delhi 110007, India

Phones: (91)-11-27667365/288/424, 27666364/367

Fax: 91-11-27667410

E-mails: pdg@iegindia.org purnamita.dasgupta@gmail.com

CITIZENSHIP:

Indian

CURRENT POSITION:

Ford Foundation Chair & Acting Head

Environmental Economics Unit

Institute of Economic Growth (IEG)

RESEARCH INTEREST AND SPECIALIZATION:

Environmental and Natural Resource Economics, Health Economics, Rural and Urban Development, Research Methods

EDUCATION:

- PhD: Title of Thesis: "Economic Issues Relating to Water Contamination and Waste Disposal: A Case Analysis of Urban Development in Delhi," Centre for Economic Studies and Planning, Jawaharlal Nehru University, New Delhi, India.
- M. Phil: Title of Dissertation: "Energy Demand Projections and Emissions of Air Pollutants: A Sectoral Analysis for India," Centre for Economic Studies and Planning, Jawaharlal Nehru University, New Delhi, India.
- Post-Graduation: Masters Degree in Economics, Delhi School of Economics, University of Delhi
- Graduation: Bachelors Degree in Economics, Presidency College, University of Calcutta

PROFESSIONAL ACTIVITIES

Grants and Fellowship:

- Visiting Professor, John Carey Business School, Johns Hopkins University, Maryland, USA. 2010-2011 (*forthcoming*)
- L.M. Singhvi Visiting Professor at the Centre of South Asian Studies, University of Cambridge, UK (Easter / Summer 2007)

- Visiting Fellow, Centre on Economics of Globalization and Sustainable Development, Department of Economics, University of Calcutta, Kolkata, 2009-10
- Led research in projects funded by various agencies, both international and national, such as DFID (UK), World Bank, UNDP, ICSSR, CGIAR, Ministry of Environment and Forests (GOI), South Asian Network for Environment and Development Economics (SANDEE), etc.

Advisory Positions:

- 1) Co-ordinating Lead Author, IPCC, for Working Group II, AR5 (2010-2014).
- 2) Member of the Expert Committee on E-Waste Regulation, set up by the Ministry of Environment and Forests, Government of India, 2009-10
- 3) Member of the Working Group to draft Regulation of E-waste Management set up by Ministry of Environment and Forests, Government of India, 2009-10
- 4) Member of the Executive Committee of the Indian Society for Ecological Economics, 2008 - 2010
- 5) Member of the Working Group on Security Implications of Climate Change, Institute for Defence Studies Analysis, New Delhi, 2008-2009.
- 6) Resource person for the Working Group on Feedstock, Fuel and other Supply Side Constraints, 11th Plan, Planning Commission, Government of India, 2007
- 7) Member Secretary of the Expert Committee on "NPV to be charged on forest lands diverted for non-forestry purposes," constituted by the Institute of Economic Growth, Delhi, in pursuance of Supreme Court of India directive, 2006

Membership of Professional Bodies:

The European Association for Environmental and Resource Economics
 The International Society for Ecological Economics
 The Indian Econometric Society
 The Indian Society for Ecological Economics

Journal Referee:

Book Reviews and Review of Articles for Journals - Environment and Development Economics, IIMB Management Review, Conservation and Society, Contributions to Indian Sociology, Asia-Pacific Economic Literature, Environment and Resource Economics, Ecological Economics, Down to Earth, Feminist Economics.

TEACHING EXPERIENCE

Current Activity

1. Environmental Economics and Applied Econometrics to probationers in the Indian Economic Services and supervising their seminar papers at the Institute of Economic Growth, Delhi.
2. Module on Valuation of Ecosystem Services at Indira Gandhi National Forest Academy, Dehradun

3. Guest lecturer on Environmental Economics at Jawaharlal Nehru University, New Delhi.

Past Activity

4. At TERI University : Taught economics (Basic principles, advanced courses in environmental and resource economics) to both students with a background in economics and those pursuing inter-disciplinary masters and PhD programmes
5. Designing and re-structuring of courses and grading systems: Delhi University, TERI University
6. Guest lecturer in Environmental Economics and on Quantitative Methods at the School of Social Sciences in Jawaharlal Nehru University, New Delhi

OTHER ACADEMIC INTERESTS AND ACTIVITIES:

- PhD Supervision - Currently Two students registered at Delhi University: Topics – (a) Green Buildings in Indian Cities and (b) Economic Costing of Health Impacts from Malaria
- Teaching at training programmes, workshops and seminars within India and abroad for research and teaching purposes. The institutions in India where I have delivered lectures include Jawaharlal Nehru University (New Delhi), Shimla University (Shimla), Wildlife Institute of India (Dehradun), National Institute of Public Finance and Policy (Delhi), Indian Institute of Forest Management (Bhopal), Indira Gandhi National Forest Academy (Dehradun), Centre for Science and Environment (Delhi)
- Writing in Media - Economic Times, Ananda Bazar Patrika
- External examiner (M.A./ M.Phil/ PhD/ Entrance) at Jawaharlal Nehru University, Delhi University and National Dairy Research Institute, Karnal
- Jury member and Advisor, UK Environment Film Fellowships, 2009
- Review of research proposals for national and international agencies.

- Seminars Organised:
 - Review on the Economics of Climate Change, December 2006, Taj Mahal Hotel, Mansingh Road, New Delhi
 - Economic consequences of Global Climate Change for India, ICRIER, New Delhi.
 - Environmental Sustainability and Climate Change, LSE – IEG workshop, IIC, New Delhi, November 2008.
 - Future Socio-economic Scenarios and Climate Change, March 2010, IEG, Delhi
 - From Kyoto to Copenhagen and Beyond, April 2010, IEG, Delhi

- Interest in Multidisciplinary research- Experience of working in multidisciplinary teams with researchers from various disciplinary backgrounds including economics, law, sociology, geography, forestry and management science. My own research has drawn

upon other disciplines such as epidemiology, psychology and forestry.

- Skills in Applied Research Methods - My research activities have included the use of both *quantitative and qualitative techniques and approaches of analysis*. I have experience of collecting and working with primary data as well as secondary data. I have work experience of advanced econometric packages.
- Faculty contact person for 2 Foreign PhD Student affiliated at IEG – from Department of Geography, University of Cambridge, UK and from Indiana University, Bloomington.
- Editorial Assistance for Journal of Quantitative Economics (Delhi School of Economics)
- Member of various Administrative Committees in the Institute of Economic Growth

PUBLICATIONS

Chapters in Edited Volumes (last 3 years):

- 1) The Economic Value of Forests, chapter for the Indian Forestry Development Report, 2010, Ministry of Environment and Forests, Government of India (*forthcoming*).
- 2) Measuring Environmental Sustainability with Macroeconomic Data for India (*forthcoming*), in Essays in Honour of V. K. R. V. Rao, (ed.) B. N. Goldar and P.B. Nayak, Sage Publications, 2010
- 3) Valuation of Ecosystem Services: Methodologies, Illustrations and Use in Handbook of Environmental Economics in India, (ed) K. Chopra and V. Dayal, Oxford University Press, 2009.
- 4) Conservation and Poverty Alleviation: Some recent evidence from Himachal Pradesh on the implications of interventions for rural women in Gender Issues in Development, Concerns for the 21st century (ed) Das and Khawas, Rawat Publications, 2009.
- 5) Economics and Climate Change: Some Relevant Aspects for Human Security in India in Security Challenges and Implications of Climate Change for India, IDSA, Academic Foundation, 2009.
- 6) Demand for Curative Health Care in Rural India: Choosing between Private, Public and No Care in A. Shariff and M. Krishnaraj (ed.) "State, Market and Inequalities: Human Development in Rural India," Orient Longman, Delhi, 2007.
- 7) Household Water Services in Incomplete Markets: Managing Water Stress for the Urban Poor in Managing Water Resources (eds) Ratna Reddy and S. Mahendra Dev, Oxford University Press, Delhi, 2006.
- 8) Financing for HIV and AIDS Initiatives in Asia in Positive Voices, Passive States, HIV & AIDS and Emerging Issues of Governance in Asia. ActionAid International, 2006.

Journals: (Selected)

- 1) Trade, Technology Transfer and Climate Change, Economic and Political Weekly, Vol. 45, No.3, January 2010
- 2) A Nobel for the Commons: A Tribute to Elinor Ostrom, Economic and Political Weekly, Vol 44, Nov. 7, 2009

- 3) Model for assessing economic and ecosystem services contribution of forests, *International Forestry Review*, December 2008. (co-author)
- 4) The Nature of Household Dependence on Common Pool Resources: An Econometric Study for India, *Economic and Political Weekly*, Vol 43, no.8, February 23-29, 2008 (co-author)
- 5) Measuring Genuine Investment: A Concept Paper for India, *Journal of Income and Wealth*, 2006 (co-author)
- 6) Female Labour Supply in Rural India: An econometric analysis. *Indian Journal of Labour Economics*, vol. 49, No. 2, 2006
- 7) Valuing Health Damages from Water Pollution in Urban Delhi, India: A Health Production Function Approach *Environment and Development Economics*, Cambridge University Press, Vol 9 (1), 2004.
- 8) Economic value of safe water for the infrastructurally disadvantaged urban household: A case study in Delhi, India, *Water Resources Research*, AGU, November, Vol 40 (11), 2004 (co-author)
- 9) Health of the Elderly in India: Some Aspects of Vulnerability *BOLD*, Quarterly Journal of the International Institute on Ageing, United Nations - Malta, Vol 11, no.3.(May), 2001 (co-author)
- 10) Health Seeking Behaviour in Urban Delhi : An Exploratory Study. *World Health and Population*, Volume3, no.2, 2000, Longwoods Publishing Ltd. (co-author)
- 11) Child Health and Immunization. *Economic and Political Weekly*. February 26th, Vol xxxv, nos. 8 & 9, 2000. (co-author)

Working Papers (last 3 years):

- 1) Economic Challenges in Technology Transfer for Tackling Climate Change in India, Working paper for the Ministry of Environment and Forests, Government of India, 2010.
- 2) Will India's Attainment of MDGs be an Inclusive Process? Volume III Number 02, Indian Institute of Dalit Studies, 2009.(co-author)
- 3) Evaluation Report on the Rewarding Upland Poor for Environmental Services (RUPES) programme, RUPES Working Paper, ICRAF, World Agroforestry Centre, Bogor, Indonesia, 2007
- 4) Common Pool Resources as Development Drivers: A Case Study of NTFPs in Himachal Pradesh, India in *Rural Common Property in a Perspective of Development and Modernization*, FAO Land Tenure Service, the Collective Action on Property Rights initiative (CAPRI) and the International Land Coalition (ILC). (Also SANDEE Working Paper (refereed) no. 15-2006).
- 5) Hope and Despair: The Criticality of Data on Climate Change, Central Statistical Organisation, Delhi, 2009.

Selected Conference Papers and Presentations (some are under communication for publication) **(last 3 years)**

- 1) Macroeconomic Approach to Sustainability, Seminar on Issues of Globalization and Sustainability, Kolkata University. December 2010.
- 2) Green Economy-Challenges and Responses to Changing Conditions, NISTADS and ILO, Delhi, December 2010.

- 3) Economic Context of Forest Values for Climate Change, National Conference on Forestry Solutions, HP Forest Department, Shimla, November 2009
- 4) Sustainable food security: Some issues in the context of climate change, Conference on Food Security and Sustainability in India, GAD Institute of Development Studies, Amritsar, November 2009.
- 5) Climate Change and Socio-economic development: an urban context, GOI and CMS, India Habitat Centre, October 2009
- 6) Future Socio Economic scenarios for India, National Workshop on Climate Change, MoEF, New Delhi, October, 2009 (available online at www.moef.nic.in)
- 7) Economic Valuation of Ecosystem Services, inaugural key note address at EcoFest, Delhi University, September 2009.
- 8) Understanding the Future Costs and Adaptation to Climate Change, Workshop on "Breaking the Climate Deadlock", Tata Institute of Social Sciences, August 2009
- 9) The *Informalised* Forest Dweller : Institutional dynamics of some recent developments in India. IEG – CSSSC International Conference on The Informal Sector in South Asia, July 2009.
- 10) Economic Valuation of Forest Ecosystem Services, at Indira Gandhi National Forest Academy, Dehra Dun, September 2007, July 2008, May 2009
- 11) Socio-Economic Impacts and Climate Change: Data and Modeling Issues, National Seminar on Climate Change, Data Requirements and Availability, ISEC, Bangalore, April 2009.
- 12) Sustainable Development for Developing Countries, Academic Staff College University Teachers Training Programme, J.N.U., March 2009
- 13) Food and Water Security: Challenges and Adaptive Strategies for India. Delhi Sustainable Development Summit, New Delhi, February 2009.
- 14) Situational Analysis of Forest Livelihoods: Insights from Survey Data in West Bengal, Orissa and Andhra Pradesh, Workshop on the Forest Rights Act, Kurseong, January 2009.
- 15) Socio-Economic Development and Adaptation, ESRC-ICSSR Workshop on Sustainability and Climate Change, London School of Economics and Institute of Economic Growth, New Delhi, November 2008.
- 16) Health and Environmental Concerns in Sustainable Development, Training Programme on Trade and Sustainable Development, Course for ITEC / SCAAP programme, TERI, November 2008.
- 17) How are the Poor Affected by Trade? Report, UNCTAD conference, New Delhi, October 2008.
- 18) Net Present Value and Forest Policy in Economic Valuation, IGNSA, Dehradun, August 2008
- 19) Cost Benefit Analysis of Selected Environmental Projects, Wildlife Institute of India, August 2008
- 20) The Indian Forest Rights Act 2006, Commoning Enclosures? Paper at the International Association for the Study of Commons, UK, July 2008.

- 21) Economics and the Environment, Faculty Training Programme on Water and Economics, Indian Society for Ecological Economics, March 2008, New Delhi.
- 22) Mechanisms for Payments for Eco-system Services: Challenges and Opportunities, IFS workshop at WWF-India, October 2007.
- 23) CPRs as Development Drivers, Centre for South Asian Studies, University of Cambridge, UK, May 2007
- 24) Common Pool Resources as Development Drivers, NTFPS in H.P. – seminar presentation at national conference on `Expanding Freedom: Towards Social and Economic Transformation in a Globalising World`, Institute of Economic Growth, Delhi April, 2007.
- 25) Adapting Q-Methodology to Investigate Stakeholder Perceptions in Participatory Forestry in India, Conference of International Society for Ecological Economics, Delhi, December 2006
- 26) Commons as Development Drivers: Economic Incentives and the Conservation of Forest Resources in India. Paper at the International Conference on Economics of Poverty, Environment and Natural Resource Use, Wageningen, The Netherlands, May 2006.

ONGOING PROJECTS AND RESEARCH

- 1) Developing Future Socio-Economic Scenarios for India in the Context of Climate Change - contribution to India's Second National Communication to UNFCCC, Ministry of Environment and Forests, Government of India.
- 2) Low Carbon Growth: An Indian perspective on Sustainability and Technology transfer
- 3) Does the Forest Rights Act represent a pro-poor institutional reform? – A study for Institutions for Pro-Poor Growth (IPPG).
- 4) Evaluation of the Orissa Tribal Empowerment and Livelihoods Programme

SELECTED CONFERENCE/WORKSHOP PARTICIPATION (LAST 3 YEARS ONLY)

- 1) Discussion forums/consultations on ecological security, inclusive growth, valuation of ecosystem goods and services – ongoing activity
- 2) Meeting of the Core Group on National Mission for a Green India, Indian International Centre, March 2010
- 3) Round table on Research priorities on Climate Change in South Asia, IDRC, April 2010, Delhi
- 4) Research proposal writing workshop, Grantham Research Institute, London School of Economics and Political Science, London, October 2009.
- 5) India China Declaration on Climate Change, MoEF, Government of India, October 2009
- 6) Managing Ecosystem Services for Poverty Alleviation, SCAPES Consortium Workshop, October 2009
- 7) Workshop on Costs of Adaptation to Climate Change, TERI, September 2009.

- 8) Round Table on National Action Plan on Climate Change, India Habitat Centre, August 2008.
- 9) Valuation and Accounting of Urban Air Pollution in India, Institute of Economic Growth, Delhi, November, 2007
- 10) Round Table on DFID funding priorities for India at DFID office, New Delhi, August 2007
- 11) Global Event on Payment for Environmental Services, Organised by the World Agroforestry Centre, RECOFTC, IFPRI, etc. Lombok, Indonesia, January 2007
- 12) Panelist at the book launch session of "Co-management of Natural Resources: Local learning for poverty reduction," (author Stephen Tyler), India International Centre, Delhi, organized by Winrock International India and International Development Research Centre (IDRC), India January 2007
- 13) Impact of Climate Change in India, Indo-UK collaborative project workshop, organized by Department for Environment, Food and Rural Affairs, UK and Ministry of Environment and Forests, India, January 2007
- 14) National Workshop on Payments for Ecosystem Services, World Wide Fund for Nature, (WWF), Delhi, February 2007
- 15) Workshop on Payments for Ecosystem Services, ICRAF, Bogor, Indonesia, October 2006
- 16) Economic Development and Environmental Sustainability: A Dialogue on India, organized by Initiative for Policy Dialogue, Columbia University, Delhi, December 2006