

*Vikram Dayal*

*Professor*

*Institute of Economic Growth*

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#### PRESENT RESPONSIBILITIES

I work in the IES unit of the Institute of Economic Growth, Delhi. I teach public economics in the training programme that IEG conducts for the Indian Economic Service. My research is mainly in environment and development economics.

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#### EXPERIENCE

- IES unit, Institute of Economic Growth
  - The Energy and Resources Institute (TERI). Resource and Development Economics Area.
  - Teaching Assistant, University of Colorado at Boulder, USA. Taught Principles of Microeconomics. 1992–93.
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*At IEG 2005 onwards*  
*TERI 1994 – 2005*

#### AWARD

Global Development Network First Prize Medal for Research for the paper on 'Social Diversity and Ecological Complexity, how an Invasive Tree could affect Diverse Agents in the land of the Tiger', 2008 Awards and Medals Competition, in Kuwait in 2009.

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*Global Development Network*  
*First Prize Medal*

#### FELLOWSHIP

SANDEE Sir Partha Dasgupta Research and Writing Fellowship in Environment and Development Economics, and Visiting Scholar, Workshop in Political Theory and Policy Analysis, Bloomington, Indiana, September and October 2011.

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*Partha Dasgupta Fellowship to*  
*visit Elinor Ostrom's Workshop*

## EDUCATION

- Ph D in Economics, University of Delhi. ‘Economic analysis of Ranthambhore National Park’.
- Masters in Economics with specialization in Natural Resource Economics. University of Colorado at Boulder, USA.
- Masters in Economics Jawaharlal Nehru University, Delhi.
- Bachelors in Economics Hindu College, University of Delhi

*Ph D from Delhi School of Economics on Ranthambhore National Park*

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## PUBLICATIONS

### *Books*

- Look at your data carefully: tables and graphs with R. <https://leanpub.com/lookatdata>. [with Yateen Joshi] 2016
- The Environment in Economics and Development: Pluralist Extensions to Core Economic Models. New Delhi: Springer, 2014
- An Introduction to R for Quantitative Economics: Graphing, Simulating and Computing. New Delhi: Springer, 2014

*Springer book on Environment in Economics and Development*

*Springer book on R for Economics*

### *Edited book*

Edited with K Chopra, Handbook of Environmental Economics in India. Delhi: Oxford University Press, 2009.

*Co-edited OUP Handbook*

### *Papers in peer-reviewed journals*

1. Towards pluralism in a public economics course in India, Int. J. Pluralism and Economics Education, 4(4):400–406 , 2013
2. Modes of transport, basic amenities and wellbeing: Findings from Delhi City, Journal of Urban Regeneration and Renewal, 5(3): 253—256 , 2012 (with Preeti Kapuria and Arup Mitra)
3. A Stakeholder Perspective into Wildlife Policy in India, The Journal of Wildlife Management, 76(1), 10-18, 2012 (with Shekhar K Niraj and Paul R Krausman)
4. Temporal and spatial analysis of wildlife seizures in India from 1992 to 2006, International Journal of Ecological Economics and Statistics, 24(1): 79-109, 2012, (with Shekhar. K. Niraj and Paul. R. Krausman)

5. Population pressure and environment in the context of growth: evidence from an Indian city, *International Journal of Urban Sustainable Development* DOI:10.1080/19463138.2011.613616, 2011 (with Preeti Kapuria and Arup Mitra)
6. Applying methodological pluralism to wildlife and the economy, *Ecological Economics*, 69: 1610–1616, 2010 (with Shekhar K. Niraj and Paul R. Krausman)
7. Inter- and intra-village diversity among forest dependent households in Ranthambhore National Park, India, *International Journal of Ecological Economics and Statistics*, 10: 27–39, 2008
8. An Empirical Study of Sanitation and Health in Rural Uttarakhand, India, *International Journal of Ecological Economics and Statistics*, 10:91–99, 2008 (with Anand Murugesan and Saurabh Chugh)
9. Social diversity and ecological complexity: how an invasive tree could affect diverse agents in the land of the tiger, *Environment and Development Economics*, 12(4): 553 – 571, 2007
10. A microeconomic analysis of household extraction of forest biomass goods in Ranthambhore National Park, India, *Journal of Forest Economics* 12(2): 145–163, 2006
11. Valuing air pollution in India, *Pacific and Asian Journal of Energy* 8(2): 207–220, 1998 (with Sumeet Saksena)

*Papers on diverse aspects of environment and development*

#### *Chapters in books*

1. Overview, In *Handbook of Environmental Economics* edited by Chopra, Kanchan and Dayal, Vikram. Delhi: Oxford University Press, 2009 (With K Chopra)
2. Recent developments in Natural Resource Accounting, In *Handbook of Environmental Economics* edited by Chopra, Kanchan and Dayal, Vikram. Delhi: Oxford University Press, 2009
3. A Microeconomic Analysis of Household Extraction of Forest Biomass Goods in Ranthambhore National Park, India, In *Growth, Equity, Environment and Population* edited by Chopra, Kanchan and Rao, C H Hanumantha. Delhi: Sage, 2008
4. Air, In *Looking Back to Change Track*. New Delhi: TERI, 2007 (With T S Panwar and Sumit Sharma)
5. Market-based instruments, In *Directions, innovations, and strategies for harnessing action for sustainable development*, edited by R K Pachauri and R K Batra. New Delhi: TERI, 2001

6. The costs of degradation, In Looking Back to Think Ahead: GREEN India 2047, edited by R K Pachauri and P V Shridharan. New Delhi: TERI, 1998 (with Kinsuk Mitra, Sanjeev Singh Ahluwalia, Sudheer Sharma, Sumeet Saksena)
7. Greening of economic growth. In India: Development Policy Alternatives, edited by V L Kelkar and V V Bhanoji Rao. New Delhi: Tata McGraw Hill, 1996 (with R K Pachauri)
8. Energy sector: investment requirements and financing options. In Energy and environmental challenges in central Asia and the Caucasus: windows for co-operation, edited by Preeti Soni. New Delhi: Tata Energy Research Institute, 1996

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## DISSEMINATION

### *Blog*

Visualizing data and models with R, <https://vizdatar.wordpress.com>. Posts began in May 2015.

*blog, newsletter, newspaper articles*

### *Current Conservation newsletter*

Co-edited Current Conservation special issue on invasive species with Ankila Hiremath, and co-write guest editorial. <http://www.currentconservation.org/?q=archives>

On Current Conservation editorial board from 2007 to 2010.

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## INVITED GUEST LECTURES

Have given guest lectures over the years at Ambedkar University, Delhi, Delhi University School of Environmental Studies, Teri University, Wildlife Institute, Dehradun.

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## MEMBER

- Member, Board of Studies, School of Human Ecology, Ambedkar University, Delhi
  - Life Member, Indian Society of Ecological Economics
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