About the Contributors

Anandajit Goswami  Anandajit Goswami is an economist by training and has research interests on the interfaces of economic modelling, ecological, resource, macro, micro, international trade and developmental economics, and sustainability science from an interdisciplinary lens. Currently, he is associated as a Fellow with the Green Growth and Development Division of TERI. He has been working with The Energy and Resources Institute (TERI) since 2004 and has led research projects pertaining to trade and sustainable development, economic modelling supported by ICTSD (International Centre for Trade and Sustainable Development), UNCTAD (United Nations Conference on Trade and Development). He has also worked with UNECA (United Nations Economic Commission for Africa) and has led research projects of TERI with partners in Africa. He has been engaged in various South South Cooperation knowledge exchange process, some of which have been supported by UNECA, UNIDO (United Nations Industrial Developmental Organization), Ministry of External Affairs, Government of India, Ministry of Water and Energy, Government of Ethiopia, Horn of Africa Regional Environment Centre and Network, Addis Ababa University. He has published papers in peer reviewed journals and contributed chapters to books. He has co-authored a booklet on South South Cooperation and Knowledge Exchange issues and edited a booklet related to regulatory issues on biofuels. He has been giving talks on “Economics of Sustainability” in South South Knowledge exchange programmes. Other than this, he has contributed popular articles in newspapers and blogs for Economist, Reuters Foundation. Presently, Anandajit is a member of International and Indian Society for Ecological Economics. He is an associate faculty at TERI University and has obtained Masters in International Economics with Specialization in World Economy from the Jawaharlal Nehru University, New Delhi.

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**About the Contributors**

**Andrea M. Bassi** is the founder and CEO of KnowlEdge Srl and an Extraordinary Professor at Stellenbosch University, in South Africa. Dr. Bassi is a project leader and researcher, with over 10 years of experience, supporting more than 30 governments and several international organizations primarily on green economy strategies & scenarios, climate mitigation & adaptation and sustainable development. Dr. Bassi holds a Ph.D. and M.Phil. in System Dynamics at the University of Bergen, Norway, a M.Sc. in Business and Economics at LIUC, Italy, and a postgraduate course in modeling the environment at the Universitat Politecnica de Catalunia in Spain.

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**Carey Clouse** is an Assistant Professor of Architecture and Landscape Architecture at the University of Massachusetts, Amherst. She holds a post-professional degree (SMArchS) in Architecture and Urbanism from the Massachusetts Institute of Technology and a BArch from the University of Oregon. In addition to teaching, she is co-partner of Crookedworks, an award-winning architecture firm.

**David Coady** is Division Chief of the Expenditure Policy Division at the Fiscal Affairs Department (FAD) of the IMF. Prior to that, he was Lead Social Spending Expert in FAD, Deputy Division Chief of the Expenditure Policy Division (FAD), Research Fellow at the International Food Policy Research Institute, and a lecturer in economics in the University of London. He earned his Ph.D. in economics from the London School of Economics in 1992. His research interests include development and public economics, and he has worked extensively on policy issues related to the efficiency and distributional implications of public policies including indirect taxes, public sector pricing, social spending, and the evaluation of safety net programs. He has recently co-edited books on *The Economics of Public Health Care Reform in Advanced and Emerging Economies* and on *Energy Subsidy Reform: Lessons and Implications*. His research has been published in leading economic journals, including the *Economic Journal, Economica, Review of Income and Wealth, International Tax and Public Finance, American Journal of Agricultural Economics, World Development*, and *World Bank Research Observer*.

**Shyamasis Das**, leveraging on more than 5 years’ professional experience in Energy Management, Public Policy and Climate Change Advisory, has an ideal techno-economic profile and hands-on experience in dealing with energy policies and regulations. He collaborates with Multilateral and Bilateral Organizations, Ministries, Public Agencies, Corporate Houses and NGOs, and is credited with accomplishing quite a many critical assignments with high-profile clients such as the World Bank Group, GGGI, DFID, Central and State Ministries, Govt. of India, Indian Railways and major MNCs. He is also the principal author of international publications on public policies and energy-related issues. Before his stint in TERI as an Associate Fellow, he has worked with Ernst & Young, GIZ- International Services, and Enerdata (France). Shyamasis has undertaken MSc. on Energy Management in France.
**Louise A. Gallagher** is an environmental economist with broad range of experience in policy analysis, market transformation and environmental finance. Her technical expertise includes valuation of natural capital and environmental externalities and applying this information in decision-making. She holds a PhD in Environmental Studies specializing in environmental economics and policy from University College Dublin. Louise is the Research Lead: Natural Capital And Ecosystems Services at the Luc Hoffmann Institute. She previously led the development of green economy in the regional programme of WWF in the Greater Mekong and worked for the United Nations Environment Programme (UNEP), UN Convention on Combating Desertification (UNCCD), the UK Environment Agency, and New Forests Asia Ltd. Louise’s research interests lie in environmental governance and how environmental economics theory and analysis methods contribute to improved public policy in practice.

**Joydeep Ghosh** has more than ten years of experience in research, consulting and teaching. His areas of research interest include economic modelling, climate change, agriculture and human capital, and he has several publications in national and international journals in these areas. Joydeep has worked in organizations like Ernst & Young (EY), International Food Policy Research Institute (IFPRI) and Institute of Economic Growth (IEG). Joydeep holds master’s degrees in agricultural and applied economics from Virginia Tech, USA, and in Agribusiness from Washington State University, USA. He has a PhD in Economics from Gokhale Institute of Politics and Economics, India.

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**Ranjan Ghosh** is a post-doctoral fellow and lecturer at the Department of Economics, Swedish University of Agricultural Sciences (SLU) in Uppsala, Sweden. He earned his PhD at Humboldt University Berlin and conducted an important part of his research at the Vincent and Elinor Ostrom Workshop, Indiana University, Bloomington, US. He completed his M.Sc in Economics from the Madras School of Economics, 2007. Prior to his doctoral program he worked as a researcher at TERI and Citigroup Analytics. He works on agri-food value chains, energy and resource economics. His prime interest lies in the methodology and applications of New Institutional Economics.

**Emine Hanedar** is an Economist at the Fiscal Affairs Department of the IMF. Prior to that she worked as a Senior Economist at the Strategy and Economic Policy Department and the European Department of the Dutch Ministry of Finance. Her work to date covers a wide range of macro and fiscal policy issues in particular in the area of fiscal adjustment, public debt (sustainability), public spending, tax policy, inequality and the European Monetary Union. She has contributed to numerous policy and research publications of the Dutch Ministry of Finance and has been published on various macro-fiscal issues.
Somnath Hazra has a Ph.D degree in Forest Economics with more than 14 years of NRM professional experience with different Indian research centers including UGC and 4 years teaching experience of PG (Environmental Economics) and UG Courses (Environmental Economics) in Rabindra Bharati University and experience in managing and executing development programmes in various capacities for Government, International Development organizations and Private Sector. He has domain expertise in Climate Change, AR CDM, Sustainable forest management, Biodiversity Assessment, Forest Governance, Policy analysis, etc. He has written more than 30 research articles and 5 edited volumes on climate change, environmental economics and development economics. He was associated as a climate change and forestry consultant of different State Governments of India, Government of Kenya and other two African countries. He has developed Climate Change Action Plan for seven Indian States as forestry and climate vulnerability expert. He was Associated as Ecological Economist (consultant) of West Bengal Biodiversity Board, Government of West Bengal, India.

Ahmed Karmaoui has been working as the Team Investigator of various profession consultancy jobs and research activities on climate change adaptations in dryland. His recent research focuses on understanding the arid human-environment interactions. His research and teaching interests are environment science, land cover change, climate change impact, and local resource management. KARMAOUI has considerable experience working on interdisciplinary teams to address research questions related to challenges associated with coupling natural and human systems, including climate change adaptation.

Barun Deb Pal is currently an Assistant Professor at the Institute of Social and Economic Change, Bangalore. He has been working in the field of SAM based CGE modelling for the last 7 years. He has also worked on climate-smart agriculture and land-use planning models for South Asia as a key researcher at the International Food Policy Research Institute (IFPRI). He has a long professional affiliation with the National Council of Applied Economic Research (NCAER), working on climate change CGE modeling. He has published papers in journals of international repute with one of his publication being “A Social Accounting Matrix for India”, published in 2012 in Economic Systems Research (Taylor and Francis). His current areas of research interest include various developmental issues and their linkages with climate change, low carbon agriculture, Infrastructure and public utility pricing.

Debajit Palit of TERI has around 18 years of experience working in the field of clean energy access, rural electrification policy and regulation, distributed generation, solar photovoltaics and biomass gasification. He has also written widely on energy access and rural electrification issues, particularly related to South Asia. He has authored a book on rural electricity distribution franchisees and has also edited a book on mini-grids for rural electrification of developing countries. He has a wide national and international experience, working in projects spread across India, Bangladesh, Bhutan, Cambodia, Myanmar, Nepal, and Philippines in Asia and Ethiopia, Kenya, Liberia, Mozambique, Sierra Leone and Uganda in Africa.
Sanjib Pohit is presently working as a Professor, AcSIR and a Senior Principal Scientist at the CSIR- National Institute of Science, Technology & Development Studies. He was educated at the Indian Statistical Institute. Previously, he held research positions (Senior Fellow/Chief Economist) at the National Council for Applied Economic Research (New Delhi, India) and was a visiting scholar at the University of Michigan (Ann Arbor, USA) and the Conference Board of Canada. Dr. Pohit has been a member of several committees of the Government of India and a Council Member of the Gerson Lehman group. He has been a consultant to various national and international bodies, including The World Bank, Asian Development Bank, The Energy & Resource Institute, OECD, CUTS, Price Waterhouse Coopers, ICRIER and RIS. Dr. Pohit is an experienced modeler in the area of trade and environment with 20 years of modeling experience. He has worked in the area of institutional economics, transport economics, input-output models, FDI, informal trade, the automobile industry and South Asian integration. He has co-authored 8 books, and has published more than 100 articles in journals/books. He has presented his research at seminars and conferences in different parts of the world – Japan, Canada, USA, India, Bangladesh, Switzerland, the Netherlands, Singapore and Finland.

Basanta K. Pradhan is currently Professor and Head, Development Planning Center at the Institute of Economic Growth (since 2008). Previously, he was Chief Economist at NCAER (2002-2008) and visiting Assistant Professor at the State University of New York at Stony Brook (1988-89). He was a Distinguished visiting Fellow at the University of Canberra (Nov, 2011) and a Senior Research Fellow at University of Warwick (2001-02). Professor Pradhan has been a consultant to many international organizations like World Bank, UNDP, UNIDO, IDRC, etc. He has lead large research projects and has been principal author of major reports. His interests are mainly growth and distribution with particular focus on the Indian economy. He has developed SAM and CGE models to analyze various development issues. He has books, reports and academic journal papers to his credit. He has served as a member of various advisory and academic committees.

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**About the Contributors**

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**Shaleen Singhal** is Head of the Department of Policy Studies at TERI University. He has over 18 years of academic, research and consulting experience of working on sustainable urban development issues in India and the United Kingdom. Previously he had served the core faculty position in Sustainability Design at School of the Built Environment, University of Ulster, UK and was a member of the Built Environment Research Institute. With education profile spanning architecture, planning and regeneration, he has developed synergies across three disciplines for contribution to teaching and research. His doctoral study entitled: City Competitiveness, Regeneration, and Property-led Business Strategies, from University of Ulster received the 2009 Emerald/EFMD Outstanding Doctoral Research Award, competing with entrants from 37 countries. His recent publications emphasize the significance of low carbon urban development, infrastructure performance, ecology based planning and sustainable regeneration for cities. His doctoral students are adopting a multi-disciplinary approach to examine urbanization related themes. Dr. Singhal is the Indian lead collaborator of the ‘Indian European Multi-level Climate Governance Research Network Programme’. He is a Fellow of the Higher Education Academy, UK.

**Anurag Varma** received his Master of Architecture in Architectural Conservation degree from School of Planning and Architecture, Delhi and his Bachelor of Architecture from the Lucknow University, India. Currently pursuing Doctoral studies at TERI University, Delhi his research focuses on the synergies between place-based cultural aspects, urban planning and sustainability issues in pilgrimage towns. As an Architect heading his own design practice and Consultant to other organizations, his professional expertise includes spatial planning, urbanism and architecture design of buildings in a heritage context. His professional works include spatial planning of Greenfield hill-settlements at Bhutan and India. As an Adjunct Professor at various Universities in India, he has been associated in design studios focusing on appropriate spatial responses in an urban context.