

## BIOSKETCHES

### ORGANIZERS



**Kakali Mukhopadhyay** is a professor of Economics at Gokhale Institute of Politics and Economics (Pune, India) and an adjunct professor/senior academic fellow for the Agricultural Economics Program (Department of Natural Resource Sciences at McGill University, Montreal, Canada).

She earned a M.Phil. and Ph.D. in economics with specialization in energy and environment from Jadavpur University, Calcutta, India. As a senior advisor, she contributed high level inputs for development and validation of E3-India Model, a collaborative initiative of Regulatory Assistance Project, Vermont, USA and Cambridge Econometrics, UK.

Prior to joining McGill in 2007, she was a postdoctoral research fellow and subsequently a faculty at the Centre for Development and Environmental Policy, Indian Institute of Management Calcutta, and Madras School of Economics, Chennai, India. She was also a postdoctoral/visiting fellow of the Faculty of Business Management, Oulu University (Finland); Stockholm Environment Institute (Sweden); the SOM Research School, Groningen University (the Netherlands); UNU MERIT, Maastricht University (the Netherlands); and the School of Environment, Resources and Development, Asian Institute of Technology (Thailand). Additionally, she has served as a distinguished visiting professor at the De La Salle University, Manila, the Philippines (2014), and as a visiting professor at the Chinese Academy of Sciences, Beijing (2017).

Her research focuses on energy and environment, trade and environment, air pollution and health, economics of health, regional economic integration, R&D, and food safety. She has received a number of international fellowships and awards by the World Bank, the Asian Development Bank, the Indo-Dutch Program, and the Ford Foundation, and very recently, she has received the Presidential Award from the Chinese Government along with Best Professor Award in Energy and Environmental Economics in 2017 and 2018, under the National Education Award in India. She holds a key expert position at the United Nations 2030 Agenda for Sustainable Development and similar positions in ASEAN Vision 2025, Asian Development Bank, and Shastri Indo-Canadian Program.

She has numerous publications in peer-reviewed journals of international repute. She has authored six books in various fields of energy, environmental pollution, and trade. She has completed several studies on behalf of the United Nations Environment Programme, UN-ESCAP, UNCTAD, Asian Development Bank, Shastri-



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Indo Canadian Institute, Public Health Agency of Canada, Genome Canada and Genome Quebec, Agriculture and Agri-Food Canada, BioFuelNet Canada, West Bengal Renewable Energy Development Agency, Indian Council of Social Science Research, and South Asian Network for Development and Environmental Economics—SANDEE. She is an active member of International Input-Output Association (IIOA) since 2000, Input-Output Research Association of India (IORA), International Association for Energy Economics (IAEE), South Asian Network for Development and Environmental Economics (SANDEE), Global Trade Analysis Project (GTAP) and ESCAP-Asia-Pacific Research and Training Network on Trade (ArtNet).



**Ranjit Bharvirkar** is a former Principal at the Regulatory Assistance Project (RAP), Vermont, USA where directed the India program. He played an instrumental role in the genesis and procurement of financial resources for development of E3-India model. Ranjit has more than 18 years of experience in electricity policy analysis and technical advice and assistance to state- and national-level policymakers in the U.S. and India on various topics. He has been regularly conducting and convening workshops for staff from various Indian regulatory commissions and utilities on power sector reforms and recently contributed to India's Renewable Electricity Roadmap Initiative undertaken by the Government of India. Mr. Bharvirkar has previously worked as senior energy consultant with Itron's Consulting and Analysis and has been a part of the Electricity Markets and Policy group at Lawrence Berkeley National Laboratory (LBNL). He has also worked at Resources for the Future (RFF) in Washington, D.C., where he was part of a team that developed a partial general equilibrium model of the U.S. electricity sector. Mr. Bharvirkar holds a bachelor's in civil engineering from the Indian Institute of Technology Bombay, a master's in environmental engineering from North Carolina State University, and a master's in public policy from the University of California at Berkeley. He has Co-edited a book and co-authored several journal articles, conference papers, technical reports, discussion papers, and book chapters.



**Surabhi Joshi** is the coordinator of E3-India initiative .she had played a key role in development, planning and execution of E3-India, an integrated dynamic macroeconomic model for evidence-based policy deliberations across Indian states. Previously she was an Associate at Regulatory Assistance Project, Vermont, USA. Dr. Joshi has more than twelve years of experience in research, consultancy, and academics. She has served as a lecturer of biotechnology at the K. J. Somaiya College of Science and Technology, Mumbai, India and research fellow at SIES, Indian Institute of Environment management, Nerul, Navi Mumbai. Her research work spans use of quantitative frameworks for sustainability analyses, climate change impact assessments, the socioeconomics of energy transitions and public procurement assessments. In a project for the Indian government's



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Ministry of Environment and Forest, she contributed to the life cycle assessment of thermal power generation in the state of Gujarat.

Dr. Joshi earned a doctorate in economics from the Indian Institute of Technology (IIT) Indore, India, with a focus on the sustainability impacts of the solar transition in India. She holds master's degrees in environment management from the Indian Institute of Environment Management in Mumbai, India, and science and biotechnology from Devi Ahilya University in Indore. She has received the Graduate Fellow Award at the ACES 2012 conference hosted by the University of Florida for her research work on ecosystem valuation of deforestation due to coal mining. She is an active member of the International Input-Output Association (Vienna) and has regularly presented her research work at various international forums.

## CHIEF GUESTS



**Rajiv Kumar** is Vice Chairman, NITI Aayog, in the rank and status of a cabinet minister. He also serves as the Chancellor of Gokhale Institute of Politics and Economics, Pune.

His earlier stints in the Government were initially with the Ministry of Industry and subsequently with the Ministry of Finance, as Economic Advisor, during the reform years of 1991-94. He also served as an independent director on the central boards of the Reserve Bank of India and the State Bank of India. He has vast experience of working in the Government, academia, industry associations, as well as with international financial institutions. He has a PhD in economics from Lucknow University and a DPhil from Oxford University.



**Terry Barker** was a Co-ordinating Lead Author for the IPCC's Third and Fourth Assessment Reports 2001 and 2007, taking responsibility for chapters on cross-sectoral greenhouse gas mitigation. He contributed to the award of the Nobel Peace Prize to the IPCC in 2007. He is an applied economist with over 100 papers published mainly on the topics of economic modelling, international trade, and climate change mitigation. He has over 30 years of experience in building economic models for national economies and the global economy, including models for Botswana, Mexico and the global economy for OPEC. Much of his work over 1995-2008 involved the modelling of policies to decarbonise the global and European economies.



## INVITED EXPERTS



**Thijs ten Raai** is currently a Lecturer of Economics at Utrecht University, Netherlands. He received his PhD in Economics from New York University in 1981.

So far, he has (co)-authored and edited 15 books as well as published more than 100 papers and articles in journals with international repute. He has held numerous administrative positions, some of which include, Fulbright Fellowships Selection Commissary, Vice-President of the Association for Canadian Studies in the Netherlands, Council Member of the International Input-Output Association (IIOA), Chairman Economics Committee of the Netherlands Organization for the Advancement of Research (NWO), Tilburg University Council Member, Richard Stone Prize Jury Chair, Quantitative Economics Doctoral Program Secretary and Econometrics and Mathematical Economics Secretary of the Netherlands. He has also been on the editorial boards of numerous internationally recognized journals. He received the Wassily Leontief Medal in 2006 in St. Petersburg, Russia for his contributions to Economic Research and is currently a Fellow at International Input-Output Association. He has also been a recipient of the top Dutch Economist honour frequently.



**Norihiko Yamano** joined the OECD in 2005 to work on developing harmonised national Input-Output tables. During the last 15 years he has led the work on the construction of the Inter-Country Input-Output (ICIO) database. He played a key role in using ICIO tables to generate various, widely used, headline indicators such as trade in value-added (TiVA), carbon footprints, trade in employment and other indicators and analysis related to globalisation and sub-national analyses. He has served various external Input-Output and bilateral trade related projects as a consortium member or as an external advisor.



**Vinish Kumar Kathuria** is Professor at Indian Institute of Technology (IIT), Mumbai. He completed his PhD in Economics from IGIDR (1998), Mumbai prior to which he did his P.G Diploma in Development Policy from IGIDR (1994) and P.G. Diploma in International Marketing from Delhi School of Economics (1993).

He received the Fulbright Senior Researcher fellowship, University of Colorado, and Post-doctoral Fellowship at the Environmental Economics Unit (EEU) of Department of Economics and Commercial Law, University of Goteborg, Sweden. He has been a recipient of the Mahalonobis Memorial Medal-National Award 2010 in the area of Quantitative Economics and UNESCO Ph.D. thesis award 2000-01.



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Dr. Kathuria has more than 100 publications in peer-reviewed internationally reputed journals, book chapters, and other publications for national and international organizations as well as sponsored projects for different organizations. His main area of interest lies in Economics of Regulation, Productivity Measurement, FDI and Technology Transfer and Renewable Energy.



**Indradeep Ghosh** is the Executive Director of Dvara Research. He has a PhD from MIT, an MA from Cambridge University (where he won the Adam Smith Prize given to the top graduating student in the university), and a BA from St. Stephen's College, all in Economics. After graduating from MIT, Dr. Ghosh pursued an academic career for more than a decade, first at Haverford College in Philadelphia, Pennsylvania, and then at the Meghnad Desai Academy of Economics in Mumbai, India. At Dvara Research, he works with the Board to drive its research agenda and leads research priorities in coordination with the practice heads.

Dr. Ghosh brings an interdisciplinary orientation to understanding and solving the problems of financial inclusion and social protection in India, and an enthusiasm for co-creating solutions in a style of constructive engagement with other research organizations, academic researchers, and practitioners (financial service providers, civil society organizations, social enterprises, and non-profits). Dr. Ghosh also interfaces regularly with policymakers and regulators to advocate for sensible pro-poor financial inclusion and social protection policies. In 2020, Dr. Ghosh led the drafting team for the Social Stock Exchange report (by SEBI's Working Group), and in 2021, Dr. Ghosh served on the Insolvency & Bankruptcy Board of India's Research Guidance Group.



**Pierre Mohnen** is Professor Emeritus at Maastricht University and a Professorial Fellow at UNU-MERIT. He has an MA in economics from the Catholic University of Louvain and a PhD in economics from New York University. His research deals mainly with the measurement, the determinants, the effects and the interrelationships of R&D, innovation, ICT, competition and productivity, and the effectiveness of innovation, environmental and social policies. He currently coordinates the economics of knowledge and innovation research theme at UNU-MERIT and sits on various scientific/advisory committees (ZEW, Wissenschaftsstatistik gGmbH, i4g group at Directorate General of Research of the European Commission). He has done consulting work for the OECD, the European Commission, the Inter-American Development Bank, UNICEF and government departments in Canada, Europe and Chile.