

The Distributional Impacts of Carbon Pricing

Date and time:

1st March 2023 (WED), 09:30 – 16:30

Venue:

Orchard Hotel - Ballroom 3, Level 3,
Singapore

Detailed Agenda



[09:00 – 09:30] Event Registration & Networking Coffee

[09:30 – 09:45] Introduction to ESI's and Carbon Pricing Research Programme



Assoc. Prof. Poh Seng Lee
Executive Director,
Energy Studies Institute



David Broadstock
Senior Research Fellow,
Energy Studies Institute

[09:45 – 11:05] International Experiences on the Distributional Impacts of Carbon Pricing



Prof. Roberton Williams III
Professor of Economics,
University of Maryland, USA



Brian Walsh
Senior Economist,
World Bank, USA

Networking Coffee Break

[11:20 – 12:20] Deep Dives with NUS Researchers (I):

Internalization of the Externality from Carbon Policies



Prof. Sumit Agarwal
Managing Director,
Sustainable & Green Finance Institute



Assoc. Prof. Weina Zhang
Deputy Director,
Sustainable & Green Finance Institute

Workshop lunch

[13:30 – 14:15] Expert Discussion / Davos Panel



**Jeong Won Kim
(Moderator)**
Senior Research Fellow,
Energy Studies Institute



Huong Ta
Senior Program Officer,
Global Green Growth
Institute, Vietnam



Jay Mariyappan
Director,
Aurous Capital,
Singapore

[14:15 – 14:40] Lessons from Indonesia: Dynamic Democracies & the Introduction of Carbon Pricing



Rakhmin Dyarto
Senior Researcher/Lecturer,
Ministry of Finance, Indonesia

Networking Coffee Break

[15:00 – 16:20] Deep Dives with NUS Researchers (II):

Identifying & Alleviating Distributional Imbalances



David Broadstock
Senior Research Fellow,
Energy Studies Institute



Roger Fouquet
Senior Research Fellow,
Energy Studies Institute

Event Close

INVITED SPEAKERS

Sumit AGARWAL (Managing Director, Sustainable and Green Finance Institute, NUS)

Prof. Sumit Agarwal is the Low Tuck Kwong Professor at the School of Business and Professor in the departments of Economics, Finance and Real Estate at the National University of Singapore. Previously, he held positions as a Professor of Finance at Georgetown University, senior financial economist in the research department at the Federal Reserve Bank of Chicago and a senior vice president and credit risk management executive in the Small Business Risk Solutions Group of Bank of America. Dr. Agarwal's research interests include issues relating to financial institutions, household finance, behavioral finance, international finance, real estate markets, urban economics and capital markets. He has also served as an adjunct professor and a scholar at the finance department at George Washington University, DePaul University, the Indian School of Business, HKUST, BIS and the World Bank. Dr. Agarwal received a Ph.D. in economics from the University of Wisconsin-Milwaukee.

Rakhmin DYARTO (Senior Researcher/Lecturer, Ministry of Finance, Indonesia)

Dr. Rakhmin Dyarto is a senior researcher at the Center for State Revenue Policy at the Fiscal Policy Agency, Ministry of Finance. After graduating from the State College of Accounting in 1993, he continued his master's degree at Ritsumeikan Asia Pacific University-Japan in 2008 in the field of International Cooperation Policy. In 2020 he was awarded a Doctor of Philosophy after completing a doctoral study at Flinders University of South Australia in the field of Environmental Politics. Starting his career as a tax auditor at the Directorate General of Taxes since 1993, in 2011 he continued his career as a researcher at the Fiscal Policy Agency. Areas of research interest include policy processes, climate change politics, and taxation. Early this year, he was appointed as a senior lecturer at the Financial Education and Training Agency, Ministry of Finance.

Jay MARIYAPPAN (Director, Aurous Capital)

Dr. Jay Mariyappan is a Co-founder and Partner at Evolution Environmental Asset Management LP (EEAM), a US based cutting-edge asset manager at the intersection of traditional investment funds and environmental markets. He heads global project development and is a co-portfolio manager with investments focused on three key impact areas – Biodiversity, Community and Climate. He has more than 20 year's experience investing in and developing clean energy and decarbonization projects, portfolios and companies in over 30 countries for leading energy companies and financial institutions, and across industries including power, transport, oil and gas, iron and steel, cement, mining, waste management, forestry and agribusiness. He has a PhD in Energy Policy & Technology from Imperial College, London and an Executive MBA from Kellogg School of Management (Northwestern) & Hong Kong business school (HKUST).

Huong TA (Senior Program Officer, Global Green Growth Institute Vietnam)

Dr. Huong Ta is the Senior Program Officer at GGGI, leading the GGGI's NDC implementation portfolio in Viet Nam. Huong has 20 years of working and research experience in the areas of environmental policy, natural resource management, climate change, and green growth. Prior to GGGI, Huong worked for the United Nations Development Programme (UNDP) in Viet Nam in 7 years, advising the Government of Vietnam on climate change and green growth policy; facilitating policy dialogues; and leading policy-relevant research. In addition, Huong worked as a freelance consultant for different climate change and environment projects. Huong holds a Ph.D degree in Natural Resources and Environmental Management from University of Manitoba, Canada, an MSc degree in Environmental Management from National University of Singapore, and a BSc degree in Environmental Sciences from the Vietnam National University, Hanoi.

INVITED SPEAKERS

Brian WALSH (Senior Economist, World Bank)

Dr. Brian Walsh is senior economist in the World Bank's Climate Change Group - Economics team. He manages applications of the Shock Waves and Unbreakable to inform long-term poverty eradication and decarbonization strategies. These models use stochastic microsimulations to integrate uncertainty and predict resilience of the poor to shocks and transitions. Brian was previously a leader of the Global Facility for Disaster Reduction and Recovery (GFDRR) analytics team, where he studied disaster-induced poverty. Before joining the World Bank, Brian worked at the International Institute for Applied Systems Analysis on land use & carbon cycling, and he holds a PhD in particle physics.

Roberton WILLIAMS III (Professor, University of Maryland)

Prof. Rob Williams studies both environmental policy and tax policy, with a particular focus on interactions between the two. In addition to his role at the University of Maryland, he is the Chief Economist for the Climate Leadership Council, a University Fellow at Resources for the Future and a Research Associate of the National Bureau of Economic Research. He was previously an associate professor at the University of Texas, Austin; a visiting research scholar at the Stanford Institute for Economic Policy Research; and an Andrew W. Mellon Fellow at the Brookings Institution. Dr. Williams has served as a coeditor of both the Journal of Public Economics and the Journal of Environmental Economics and Management.

Weina ZHANG (Deputy Director, Sustainable and Green Finance Institute, NUS)

Prof. Weina Zhang is the Associate Professor of Finance at the National University of Singapore (NUS) Business School. She is also the Academic Director of MSc in Sustainable and Green Finance Programme and the Deputy Director of Sustainable and Green Finance Institute (SGFIN) at NUS. She obtained her Master of Science and Ph.D. in Finance from Kellogg School of Management at the Northwestern University, USA. Her current teaching and research focuses on sustainable and green finance, fixed income securities, asset pricing and investment. She examines how socially responsible actions of corporates are priced in international financial markets. She examines the pricing and informational efficiency in various financial markets and explores the pricing and economic impact of government policies on financial instruments in emerging economies.