

CURRICULUM VITAE

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Biography

Shunsuke Managi is the Distinguished Professor of Technology and Policy & Director of Urban Institute at the Kyushu University, Japan. He has been awarded several national research grants on topics such as urbanization, transportation, energy, climate change, sustainability, and population change. He has received several research fellowships from organizations such as the Helmholtz Association and Cheney Senior Fellowship and has served as an expert on policy and technology assessment. He is a director for *Inclusive Wealth Report 2018* (IWR 2018), a lead author for the *Intergovernmental Panel on Climate Change* (IPCC), a coordinating lead author for the *Intergovernmental Platform on Biodiversity and Ecosystem Services* (IPBES), a coordinating lead author UNESCO *International Science and Evidence based Education Assessment*, an editor of "Economics of Disasters and Climate Change", "Environmental Economics and Policy Studies" and on the editorial board for nine journals including *Journal of Forest Economics*, and is the author of "*Technology, Natural Resources and Economic Growth: Improving the Environment for a Greener Future*" and editor of "*The Routledge Handbook of Environmental Economics in Asia*". He is the co-chair the Scientific Committee of the *2018 World Congress of Environmental and Resource Economists*. He is the recipient of a JSPS Prize and council member of *The Science Council of Japan*.

He is the author of 25 books and 400 academic journal papers. He has published in peer reviewed journals such as *Science*, *Nature*, *Nature Sustainability*, *Lancet Planetary Health*, *Global Environmental Change*, *Environmental Research Letters*, *Journal of Economic Behavior & Organization*, *Journal of Environmental Economics and Management*, *Journal of Banking and Finance*, *Journal of Economic Dynamics and Control*, *Experimental Economics*, *Land Economics*, *Environmental and Resource Economics*, *Journal of Regulatory Economics*, *Resource and Energy Economics*, *The Energy Journal*, *International Journal of Production Economics*, *Omega*, *Energy Economics*, *Environment and Development Economics*, *Ecological Economics*, *Agricultural Economics*, *Journal of Industrial Ecology*, and *Energy Policy*. He has also written general-interest columns for newspaper such as *The Economist* and *The Guardian* and his study is also featured in life sciences journal such as *Science*.

Book Publications

Lundgren, T., M. Bostian, and S. Managi. (Eds.) 2022. "Encyclopedia of Energy, Natural Resource, and Environmental Economics, 2e" **Elsevier**, USA. (in preparation)

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Broadstock, D., Q. Ji, S. Managi, and D. Zhang. 2022. "Pathways to carbon neutrality: challenges and opportunities", **Resources, Conservation & Recycling** (In progress).

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Presentations at Conferences and Universities

Keynote Speech, "Sustainability: An Analysis with Inclusive Wealth", PACE2022: International Conference on Theory and Policies of Green and Low-carbon Development, June 18th, 2022, Beijing, China (virtual)

- Invited Speech, “Modeling Methods for Tracing & Forecasting the Cross-border Movement of Inclusive Wealth Footprint”, Modeling Dynamic Systems for Sustainability Science, 9 May 2022, Harvard University and MIT, MA, USA (virtual)
- Invited Speech, Satellite: Its application to environmental and resource economics, “Progress in Adoption of Sustainable Agriculture in India: Barriers and Opportunities” April 27, Scheme for Promotion of Academic and Research Collaboration, MOE, Govt. of India Sponsored, India (Virtual Event)
- Invited Speech, What needs to be done to progress together at different paces?, “Mitigating GHG emissions in agriculture in an interconnected world: Identifying challenges, discussing solutions” OECD – Agriculture and Agri-Food Canada workshop, April 11-12, Paris, OECD (Virtual Event)
- Invited Speech, “Sustainability measure from the space”, 2022/01/26, NASA 2022 (virtual)
- Invited Speech, “Energy for sustainability: Analysis with Inclusive Wealth”, 2022 I²CNER ANNUAL SYMPOSIUM: CARBON MANAGEMENT INCLUDING NEGATIVE EMISSION TECHNOLOGIES, 2022/01/25, Kyushu University (virtual)
- Invited Speech, “Modeling methods for evaluating whether policy proposals are likely to promote sustainable development”, MODELING DYNAMIC SYSTEMS FOR SUSTAINABILITY SCIENCE, 2022/01/21, Harvard & MIT (virtual)
- Invited Speech, “Where to for Japan in the CE?”, The rise of the circular economy, Kyushu University Institute for Asian and Oceanian Studies (Q-AOS) International Seminar (virtual), 2021.12.
- Invited Speech, “The interplay between energy demand, natural capital and behavioural science”, Influence of Social and Behavioural Factors on Energy Demand, 28 October 2021, Singapore International Energy Week (SIEW) 2021 (virtual)
- Invited Talk on “Bangladesh at 50: Inclusive Wealth in South Asia concentrating on Bangladesh” & Special Conference Event - A Round Table Discussion for the “Bangladesh at 50: from the test case to a development role model Two-day international webinar streamed globally, (joint with Professor Sir Partha Dasgupta (University of Cambridge, United Kingdom), Professor Edward Barbier (Colorado State University, United States), Professor Carl Folke (Beijer Institute, Sweden)) University of Queensland, Australia, October 8, 2021.
- Chair for the Challenges of Decarbonization Policies and Technological Innovation toward Carbon Neutral Society in East Asia, Pre-Conference of SEEPS2021 (joint with representative of China, Korea, Taiwan, UK and Japan), September 24, 2021.
- Invited Speech, “Value for Nature: Dasgupta Review”, Be Nature Positive!! - Conservation and Sustainable Use of Biodiversity –, 1 July 2021, Chair of the CPTPP Commission in 2021 (virtual)
- Panelist, IPBES-IPCC Report media launch, 10 June 2021, London (virtual)
- Invited Speech, “Inclusive Wealth: Measurement for Sustainability (Agency and Governance)”, Advancing Methods for Modeling Systems to inform Sustainability Science, 7-11 June 2021, Harvard University and MIT, MA, USA (virtual)
- Invited Speech, “Inclusive Wealth with Natural Capital Measurement for Sustainability”, HDRO SEMINAR ON: UNEP PANEL ON THE INCLUSIVE WEALTH INDEX, Human Development Report Office, 27 May 2021, Washington (virtual)
- Keynote Speech, “Measuring sustainable progress for SDGs: Case for Indonesia”, Fiscal Policy Instruments and Green Development, Hosted by the Asian Development Bank (ADB), Indonesia Ministry of Finance and University of Indonesia, 25 February 2021, London (virtual), 2021.
- Plenary Speech, “Solutions at the climate-biodiversity nexus, IPBES and IPCC, December 14, London (virtual), 2020.
- Invited Speech, “Measuring sustainable progress: global outlook”, The National Academies of Sciences, Engineering, and Medicine (Progress, Challenges, and Opportunities for Sustainability Science: A Workshop: Panel I: Measuring Progress Toward Sustainable Development), November 30-December 2, Washington DC, 2020.

Keynote Speech, "Energy and environment resilience facing COVID-19", 12th International Conference of Applied Energy (ICAC): Energy System and Climate Governance in the Post COVID 19 Pandemic Era, December 2, Bangkok (virtual), 2020.

Invited Speech, "COVID-19 from a Japanese policy and economic perspective", COVID-19 Policy and management perspectives from Sweden and Japan, MIRAI 2.0 COVID-19 webinar, October 8, 2020.

Invited Speech, "Autonomous Driving & Society: Inclusive Growth for SDGs", JAPANESE-GERMAN CENTER BERLIN (JDZB) in cooperation with ECOLE DES HAUTES ETUDES EN SCIENCES SOCIALES (EHESS), Autonomous Driving: Perspectives on Japan, France, and Germany on October 8, 2020.

Opening Speech, "Inclusive Growth for SDGs", KYUSHU UNIVERSITY ASIA WEEK 2020 OPENING CEREMONY, Fukuoka, Japan September 1st, 2020.

Keynote Speech, "Inclusive growth as measured evaluation in SDGs", CREST Workshop, Economics-Engineering Modeling for Global and Long-term Issues: Climate Change, Energy and Social Development, Fukuoka, Japan March 15, 2020.

Keynote Speech, "Inclusive growth as measured evaluation in SDGs", Annual Conference; Research in Circular Economy, Innovation and SMEs, Centre for Research in Circular economy, Innovation and SMEs (CERCIS), Ferrara, Italy December 16, 2019.

Keynote Speech, "Future of Energy in India", Application of Integrated Energy Modelling for Sustainable Development Planning, Delhi, India December 10, 2019.

Keynote Speech, "Valuation of ecosystem services in high-altitude Himalaya", GOL-GEF-UNDP Secure Himalaya Project; Valuation of Biodiversity & Ecosystem Services in Mountain Landscapes of India, Delhi, India December 10, 2019.

Keynote Speech, Progress toward Sustainability in Aging Society, QS-APPLE, Fukuoka, Japan, November 26, 2019.

Invited Speech, Implementation of the S20 Recommendations: Scientific Solution to Keep a Balance Between Promotion of Industrial Science and Warning from Environmental Science, "World Science Forum 2019", Budapest, Hungary, 20 Nov. 2019.

Invited Speech, Taiwan-Japan Society 5.0 Science and Technology Forum, "Industry for Human-Centered Society", Taiwan, 9 Nov. 2019.

Keynote Speech, Future of Green Finance "Sustainable Asia Conference 2019 Korea", Incheon, Korea, Oct. 12-13, 2019.

Invited Speech, How perfect is the SDGs? - Reconsideration of SDGs from the viewpoint of inclusiveness and "immiscible" science advices, Tsukuba Conference, Japan, Oct. 3, 2019.

Keynote Speech, New Green Finance and its Future "The 11th Sustainable Asia Conference 2019", Bengbu, China, July 19-21, 2019.

Keynote Speech, Green Bond in International Climate Finance "2019 International Conference on Energy Finance: Energy transition and environmental challenge: market development and financialisation", Kunming, China, May 18-19, 2019.

Keynote Speech, Wealth of Saudi Arabia from Inclusive Wealth, "Macroeconomic Stability and Diversification in Oil-based Economies", King Abdullah Petroleum Studies and Research Center, Saudi Arabia, April 16-17, 2019.

Keynote Speech, New Sustainable Measure, The Economic Challenges and Opportunities of Urbanization and Migration in China, Organized by Jinan University-University of Birmingham Joint Institute and University of Nottingham, Guangzhou, China, Jan. 12-13, 2019.

Keynote Speaker for GIAN Course on Environmental Economics and Sustainable Development: Theory and Methodology for Valuation, National Institute of Technology, India, November 19-23, 2018.

Keynote Speech, Math Analysis for Sustainability using Inclusive Wealth Index, Modeling and Analysis of Time Series Data in Math-Agro Sciences, Institute of Mathematics for Industry, Kyushu University, 2018.11.6.

Keynote Speech, Inclusive Growth for Sustainability: Measurement from Inclusive Wealth, 5th Conference “Economics of Natural Resources & the Environment” 1 - 3 November 2018, University of Thessaly, Greece.

Invited Speech, Human Capital and Wealth of the Nations, Air Pollution in India: Impacts on the Environmental Burden of Disease, the Economy and Human Capital, Boston College, 25-26 October 2018.

Keynote Speech, Joint Workshop of Economics: Tianjin University and Kyushu University, Ma Yinchu School of Economics, Tianjin University, China, 2018.10.8.

Keynote Speech, Inclusive Wealth Report 2018, Security and Sustainability, 10th Year Anniversary Event for Kyushu University (with Partha Dasgupta), Fukuoka, Japan, 2018.9.29.

Keynote Speech, Inclusive Growth: Sustainable Measure, World Social Science Forum, Fukuoka, Japan, 2018.9.26.

6th World Congress of Environmental and Resource Economists between the 25th-29th June 2018.

Keynote Speech, PACE 2018 International Symposium on Environmental Governance in China, Ningbo University, Professional Association for China’s Environment, Ningbo, China, 2018.6.13.

Keynote Speech, “Progress for Sustainability”, Sustainable Asia Conference 2018, Asia Business Forum, Chinese Academy of Science, China, 2018.4.19.

Keynote Speech, “Energy, SDGs, and Welfare”, Energy Week 2018, Kyushu University, Japan, 2018.1.30.

Keynote Speech, “Inclusive Wealth of Nations”, RIHN 12th International Symposium, “Trans-scale Solutions for Sustainability”, Kyoto International Conference Center, Japan, 2017.12.21.

Keynote Speech, “Economics of Disasters and Climate Change”, 19th *China Management Science Annual Conference*, “Nanjing University of Information Science & Technology, Nanjing, China, 2017.10.22.

Keynote Speech, Inclusive Wealth of Nations: Valuing Nature, Education and Health for Sustainability”, *Sustainable Asia Conference 2017*, “Nanjing, China, 2017.06.24.

Special Distinguished Lecture, Inclusive Wealth of Nations”, *Chinese Academy of Science*, “Beijing, China, 2017.06.22.

Keynote Speech, Human Capital from Inclusive Wealth, 61st World Statistics Congress, Marrakech, Morocco, 16-21 July 2017.

Keynote Speech, “Society 5.0 in Japan – View from Inclusive Wealth –”, *Jeju Forum for Peace and Prosperity 2017: Sharing a Common Vision for Asia’s Future*, Juju Island, Korea, 2017.06.02.

Keynote Speech, Inclusive Wealth Report 2017, UNEP PAGE Ministerial Conference, Berlin, Germany, 2017.03.26.

Keynote Speech, Green Future Market in Asia, Green Bond and Environmental Economics Conference, The Hong Kong Polytechnic University, Oct 21-22, 2016.

Keynote Speech, Disaster Experience, National Science Challenge Workshop, Economic Research on Hazards and Disasters in NZ: Ways Forward, Victoria University of Wellington, NZ, Oct 12, 2016.

Keynote Speech, Energy Sustainability: Post-Fukushima on Technology and Economics, The 2nd Workshop on Frontier Modeling of Energy & Environment, Nanjing, China May 12, 2016

Disaster Risk on Nuclear Power, Workshop on Disaster Risk Analysis, March 30-31, 2016, Dunston Hall, Norwich, East Anglia.

Role of technology in the changing landscape, The Future of the Electricity Utilities Project, Asian Stakeholder Meeting, 3-4th March 2015, British Consulate, Organized by Chatham House, Hong Kong.

Renewable Policy in Japan and German: Past, Current and Future, Japanese-German Workshop on Renewable Energies, Hosted by International Superconductivity Technology Center and DLR (German Aerospace Center and University of Stuttgart, Germany), 1-4 March 2016, Tokyo

How Do We Make Cities More Sustainable?, GROWING CITIES, DIVIDED CITIES? A seminar jointly organised by the British Academy and the Japan Society for the Promotion of Science (JSPS), Wednesday 27 January 2016, The British Academy, 10-11 Carlton House Terrace, London.

Resource and Environmental Constraint, “What do we know about the SDGs?”, Beyond MDGs Japan Symposium – The 2030 Agenda for Sustainable Development: Transforming Japan and the World, United Nations University, January 15, 2016.

Keynote Speech on Plenary Session, Energy Pricing Impacts on Technology, Industry, and Consumers, EPDP Conference 2016 Toward Inclusive and Sustainable Energy Development January 12-13, 2016, New World Makati Hotel, Philippines

Climate Impacts of the Growing Transportation Sector and Their Future Prospects in Asia, Transportation and Logistics for the Sustainable Development in Asia, Jointly organized by Jungseok Research Institute of Logistics and Trade, Incheon Logistics Research Society and Asian Development Bank Institute, Venue: Hyatt Regency Incheon, Incheon, Korea, December, 14th and 15th, 2015

Institute for Future Environments (IFS) Distinguished Visitor Lecture, Intergovernmental Panel on Climate Change and Climate Policy, 11 September, 2015. QUT, Brisbane.

Noriko Behling, Mark C. Williams, and Shunsuke Managi. 2015. Japan’s Hydrogen Society Policy: Near-Term Prospects, Fuel Cell Seminar and Energy Exhibition, 16-19 November 2015 Los Angeles, USA.

Sources of Airline Productivity from Carbon Emissions: An Analysis of Operational Performance under Good and Bad Outputs, Air Transport Research Society (ATRS) World Conference, Singapore, July 2-5, 2015.

Trade Policy Options for Sustainable Oceans and Fisheries, E15 Expert Group on Oceans, Fisheries and the Trade System : Third Expert Group Meeting, 28-29 May 2015 – Geneva, Switzerland

Invited Presentation “Green Innovation and Growth in Asia”, at 4th OECD-AMRO-ADB Asian Regional Roundtable on Macroeconomic and Structural Policy Challenges, OECD-RIETI Special Session “Green Growth in Asia”, Venue: The Westin Tokyo, Friday, May 15, 2015. Hosted by Organisation for Economic Co-operation and Development (OECD) / Research Institute of Economy, Trade and Industry (RIETI)

Second Japan-China (JST-CAS) Workshop on New Environmentally Sustainable Systems for Japan and China. “Environmental Interdisciplinary Project Analysis: Case Study” April 18th, 2015, Fuji, Japan.

“Integrating Climate and Ecosystem Service Modeling in Global”, Education for Sustainability in Asia, Nanyang Executive Centre, Nanyang Technological University, Singapore 02/5-6, 2015.

Keynote Speech: Designing Market and Innovation Incentives for Climate Change Mitigation, The International Symposium on The Market-oriented Green and Low-carbon Development, Center of Hubei Cooperative Innovation For Emissions Trading System, Organized by Hubei University of Economics, Economic Research Journal, CASS. Wuhan City, Hubei Province, China, September 12-13, 2014.

Managing waste as a resource: economic and policy perspectives in international domains, "Trade in recyclable waste", Dept. of Economics and Management, Via Voltapaletto 11, Ferrara, Italy (June 23-24 2014).

"Building Effective Agreements in Climate Negotiations toward Sustainable Growth", on the topic of "National and Sub-national Policies and Institutions of Climate Change Mitigations". 7-8 July 2014 in Tokyo, Japan. Asian Development Bank Institute (ADBI).

Keynote “Sustainability and Interdisciplinary: Data Analysis”, China-Japan Interdisciplinary Young Scientists’ Academic Salon, 2010, 2012-2014 (June 16-17, Beijing).

Shanghai Forum 2014: Economic Globalization and the Choice of Aisa. “Energy and Climate Policy in Japan”, at Policy Club 1: Green Growth: Strategies for Energy Restructuring Revolution, May 24.; also Chair at Session “Global Climate Governance and Regional Environmental Improvement”. May 25, 2014. Shanghai, China.

Inclusive Wealth Report (IWR) Workshop, “Wealth measurement and TFP”, Beyond GDP: Transitioning into Sustainability, 17th-18th May 2014. Kuala Lumpur, Malaysia

First meeting of the E15 Expert Group on Oceans, Fisheries and the Trade System, International Centre for Trade and Sustainable Development (ICTSD) and the World Economic Forum (WEF), Geneva, Switzerland, 28-29 April 2014. <http://e15initiative.org/oceans-fisheries-and-the-trade-system/>

Sustainability Education in Japan, Workshop “Sustainability in Education: Pedagogical Themes and Practices in Asian Countries”, Nanyang Technological University, 02-27-28, 2014.

Disaster, Fukushima Nuclear and the Economy, University of Hawaii, East-West Center, January 30, 2014.

Humboldt-Kolleg Beijing Green-Economy and Urbanization, Beijing 2013.11.19-22.

Energy Policy, Media Representations, and Public Perceptions of Nuclear Power after the Fukushima Disaster, "The impact of Fukushima on the Japan energy sector". Cardiff University, UK. 19-20 September 2013.

Natural Disaster in Japan: Economy, Energy and Environment, Asia Foundation Lecture Series of Nanyang Technological University, Singapore, 12 September 2013.

Association of Pacific Rim Universities, Keynote Lecture "Social Science Research in Disaster Prevention and Adaptation" International Research Institute for Disaster Science (IRIDeS), Tohoku University, July 23, 2013

Bridging Sustainability in Research to Pedagogy: Theory and Practice" Conference, Nanyang Technological University, Singapore 19 April 2013.

European Association of Environmental and Resource Economics Annual Conference, 2004, 2011, 2013.

Japan after 3.11: Change and Hope from the Center of Triple Disasters, University of Hawaii, March 10, 2013.

Shanghai Forum, Global Energy, China, 2005; Economic Globalization and the Choice of Asia: Strategies for 2011-2020, 2012, May 26-28, 2012, Fudan University.

Allied Social Science Associations Annual Meeting, American Economic Association (ASSA/AEA) 2006 (Boston), 2009 (San Francisco), 2015 (Boston).

Taiwan Agricultural and Resource Economics Association, Taiwan, 2011 (Keynote Speech).

Asian Meeting of Econometric Society (AMES), The Econometric Society, Korea, 2011.

The North American Association of Fisheries Economists (NAAFE) Forum 2011, USA.

International Association for Energy Economics (IAEE) 2002, 2005, 2007, 2011

UNU-IAS Seminar Series on Challenges and Opportunities of Green Innovations, Kanagawa, Japan, June 2011.

ERIA - IDE - UNIDO Expert Group Meeting Green Economy, Sustainable Innovation, and Structural Change, Challenges and Opportunities, Jakarta, Indonesia, March, 2011.

Symposium on Development within A Low Carbon World, "Challenges and Opportunities on Green Innovations for Low Carbon Development, Hiroshima University, February, 2011.

ADBIOECD Roundtable on Innovation for Balanced and Sustainable Growth, 24-26 November 2010, Tokyo, Japan

ZEW Workshop "The Economics of Green IT", The Centre for European Economic Research, Mannheim, German, 2010.

COP10. The Economics of Ecosystems and Biodiversity study (TEEB) – D0 Session at Nagoya, 2010.

Future Prospects and Challenges for the International Energy Market, University of Tokyo, 2010.

Ecobalance International Conference, 2010.

Annual Symposium of Japanese-German Frontiers of Science (JGFoS), Symposium, Sustainability: Challenges for (Social) Sciences, Introductory Speaker, 2008: Program Group Member (2008-2011).

United Nations Division for Sustainable Development, Expert Group Meeting on Green Economy, 2010

The Science and Technology in Society (STS) forum, 2010.

The Porter Hypothesis at 20, How Can Environmental Regulation Enhance Innovation and Competitiveness?, Montreal, 2010.

2002, 2006, 2010, 2014 World Congress of Environmental and Resource Economists

Urban Development and the Environment in China, Boston, 2010.

American Agricultural Economics Association (AAEA), 2005, 2010

Green Korea, Seoul 2010

2006, 2010 International Society for Ecological Economics (ISEE)

The 1st Korea-China-Japan Young Researchers Workshop, 2010

The Second Workshop of Asia Resource Circulation Policy Research, 2010

2009 International Energy Workshop (IEW)

2009 International Industrial Organization Conference (IIOC)

Workshop on National University of Singapore, 2009

World Association for Sustainable Development (WASD), 2009

Asia-Pacific Productivity Conference, Taiwan, 2009. Invited.

European Association of Fisheries Economists (EAFE), 2009

International Institute of Fisheries Economics and Trade (IIFET) 2004, 2008, 2011

Asia Energy Environment Modeling Forum (AEEMF), 2008

Science and Technology in Society (STS) forum, Kyoto

Society for Environmental Economics and Policy Studies (SEEPS), 2003-2010

Society of Environmental Science (SES), Japan, 2006-2011

Japan International Seafood & Technology Expo, 2010

Japanese Economic Association (JEA), 2004, 2005, 2007-2010.

Japan Economic Policy Association (JEPA) 2004, 2007, 2010

Environmental Information Science (EIS), 2010

Asia-Pacific Economic Association 2008

Empirical Investigations in Trade and Investment (EITI), 2007

International Association of Agricultural Economists Conference (IAAE), 2006

International Symposium on Environment, Identities and Mediterranean Area 2006.

International Workshop Transitions and Globalization: towards an analytical framework in Asia, Thailand, 2006

Quantified Eco-Efficiency for Sustainability Conference, Netherlands, 2006.

The potential of CSR to support the implementation of the EU Lisbon Strategy, Milano, Italy, 2006.

Economics of Poverty, Environment and Natural Resource Use, Wageningen, the Netherlands, 17-19 May 2006

Industrial Transformation in Asia Workshop, START, Beijing. China, 2006

International Society of Industrial Ecology 2005 Conference, Sweden, 2005.

Ninth European Workshop on Efficiency and Productivity Measurement, Brussels, 2005

SERC 2005

Executive Workshop of Biomass Energy and Regional Development/Restoration in Asia, Yogyakarta, Indonesia, February 2005.

10th Asia Pacific Confederation of Chemical Engineering, Japan. October 2004

Japanese Economic Association Fall Conference, Tokyo. Japan. September 2004.

Public Economic Theory Peking, China, August, 2004.

Workshop on Sustainability and Survival Paths over 100 Years, Side Event of WREC-8, August, Denver, CO. USA. 2004 .

World Renewable Energy Congress, August – September, Denver, CO. USA. 2004.

Third Global Conference on Business and Economics. Amsterdam, Netherlands, July, 2004.

North American Meetings of the Regional Science Association International, November, Philadelphia, PA. USA
2003 (2 papers).

Institute of Operations Research and Management Science (INFORMS) Annual Meeting, October. Atlanta, GA, USA
2003.

International Business & Economics Research Conference, October, Las Vegas, NV, USA 2003.

Southeastern InfORMS Conference, October, Myrtle Beach, SC, USA 2003.

Heartland Environmental and Resource Economics Workshop, Fifth Annual, September, Ames, IA, USA 2003.

Colorado University Environmental and Resource Economics Workshop, Fifth Annual, July, Boulder, CO, USA
2003.

International Society for Industrial Ecology Second International Conference, June/July, Ann Arbor, MI, USA 2003.

U.S. Society for Ecological Economics Second Biennial Conference, May, Saratoga, NY, USA 2003.

Advanced Workshop in Regulation and Competition, 22nd Annual Eastern Conference, May, Skytop, PA, USA 2003.

International Conference on Sustainable Energy, Planning & Technology in Relationship to the Environment, Energy
and the Environment 2003, May, Halkidiki, Greece, 2003.

North American Productivity Workshop, Schenectady, NY, USA June. 2002.

U.S. EPA National Center for Environmental Research. NSF Decision, Risk and Management Science Program
Decision-Making and Valuation for Environmental Policy Workshop, March. 2002, Washington D.C. USA

Institute of Operations Research and Management Science Annual Meeting, Nov. 2001, Miami, FL. USA

Symposium for Environmental Systems Research, June 1998, Osaka, Japan.

Western Japan Association of Civil Engineering Annual Meeting, Kumamoto, Japan, Feb. 1998.

National Environmental Research and Training Institute, Japan, 2004

2018, 2019

Boston College (2018), OECD (2018), Beijing Normal University (5/21/2018), AGI (2019), QUT (2018; 8/12/2019),
UNU (2018, 2019), University of Ferrara, Italy (2019), King Abdullah Petroleum Studies and Research
Center, Saudi Arabia (2019), National Institute of Technology, India (NITK) (2018, 2019), Doushisya U
(2019), Osaka U (2019).

2017

GRIPS, Aoyama Gakuin University, Chinese Academy of Science (6/22), Kobe University, QUT, Australia (8/1),
United Nations University (9/15); Kyoto University (9/25); University of Tokyo (12/15)

2016

QUT, Australia (1/7, 9/5, 9/6), Victoria University of Wellington, NZ (10/12), Hong Kong Polytechnique University
(3/5, 10/22), University of East Angria (3/31, UK), Umeå University, Sweden (4/14), Nanjing University of
Aeronautics and Astronautics (5/12, China), Jinan University (6/22, China)

2015

Nanyang Technological University, Singapore; Renmin University, Beijing; Kochi Institute of Technology,
University of Tokyo, Tohoku University, Kyoto University, Kyushu University.

2014

University of Heidelberg; Nanyang Technological University; Nagoya University; University of Tokyo; Kobe University; Musashi University; Kent Business School, UK; University of Leeds; University of Thessaly, Greece; University of Stavanger, Norway; GRIPS; Kyushu University; Tohoku University, Fudan University, China; University of Ferrara, Italy.

2013

University of Sussex; Cardiff University; University of Leeds; University of Hawaii; Nanyang Technological University, Singapore, QUT Business School.

-2012

ZEW, 2011, 2012.

University College London, 2011.

University of Cambridge, UK. 2002, 2011.

National Chengchi University, Taiwan, 2011.

Kyusyu Sangyo University, Japan, 2011.

Harvard University, 2009

MIT, 2009

University of Hawaii, USA, 2010, 2012

University of Tokyo, Japan, 2004, 2005, 2010.

Tohoku University, Japan, 2008, 2009, 2010.

Kyoto University, Japan, 2010, 2012.

National University of Singapore, Singapore, 2009

Yokohama National University, Japan, 2004, 2009.

National Taiwan University, Taiwan, 2009.

Kyusyu University, Japan, 2009.

Hitotsubashi University, Japan, 2009.

Kobe University, Japan, 2005, 2007, 2009.

Aoyama Gakuin University, Japan, 2008.

Hiroshima University, Japan, 2006.

Chuo University, Japan, 2004.

Keio University, Japan, 2004.

Nagano University, Japan, 2005.

Hokkaido University, Japan, 2005.

Tokyo Institute of Technology, Japan, 2005.

IÉSEG School of Management, Lille, France , 2004.

Tokyo University of A&T, Japan, 2003.

South Carolina State University USA 2003.

University of Arizona, USA 2002.

University of Florida, USA 2002.

University of New Mexico, USA 2002.

University of Rhode Island, USA 2002.

American Petroleum Institute, USA 2002.

National Economic Research Associates, USA 2002.

Professional Service

Editors-in-Chief

Economics of Disasters and Climate Change (Springer-Nature), 1 April 2017- present

Editors-in-Chief

Environmental Economics and Policy Studies, Oct. 2018-present; *Co-Editor*; 1 Oct 2010- Sept. 2018

Editor

Sustainability Science, *January* 2018- present

Editorial Board Member

PLOS One, *November* 2018- present

Editorial Board Member

Progress in Energy, *July* 2018- present

Associate Editor, April 2021- present

International Review of Financial Analysis

Editorial Board Member

Agricultural and Resource Economics Review 2018- present

Associate Editor, April 2016- present

Journal of Forest Economics

Editor, July 2021- present

Journal of Climate Finance

Co-Editor, *January* 2018-2020 *Dec*; *Associate Editor*, December 2010- 2017 ; *Editorial Board Members*, 30 Sept 2006- Dec 2020

Resource and Energy Economics

Editor

Social Sciences, *January* 2018- present

Subject Editor

Ecosystem Health and Sustainability, *2014- present*