

Conference Schedule

Day 1 / August 29, 2023

08:00- Registration Bldg. 14, room 201

08:30-09:00 Opening Remarks & Ceremony Bldg. 14, room 201
(Click here for Online)

09:00-10:00 Keynote Speech Bldg. 14, room 201
Circular Economy Japan's Experiences (Click here for Online)

Speaker Eiji Hosoda Tokai University

10:15-12:15 Parallel Session 1: Regular Session

- Energy transition (1) Bldg. 14, room 401
- Carbon neutrality (1) Bldg. 14, room 402
- Impact and Mitigation policy of climate change (1) Bldg. 14, room 501
- Renewable energy (1) Bldg. 14, room 403
- Environmental governance and sustainable development (1) Bldg. 14, room 502
- Biodiversity and ecosystem management Bldg. 14, room 514
- After COVID-19, health and environmental issue Bldg. 14, room 515

12:15-13:50 General Assembly & Lunch Break Bldg. 14, room 201

13:50-16:20 Parallel Session 2: Regular Session

- Energy transition (2) Bldg. 14, room 401
- Carbon neutrality (2) Bldg. 14, room 402
- Impact and Mitigation policy of climate change (2) Bldg. 14, room 501
- Renewable energy (2) Bldg. 14, room 403
- Resource use effectiveness Bldg. 14, room 514
- Environmental governance and sustainable development (2) Bldg. 14, room 502
- Non-market valuation (1) Bldg. 14, room 515

16:30-18:00 LOC Organizing Session Bldg. 14, room 201
Japanese Climate Policy Toward Carbon Neutrality (Click here for Online)

Speakers	Nobuyoshi Wakabayashi	Director, Environmental Economy Office, Ministry of Economy, Trade and Industry
	Nobuhiro Kino	Director, Office for Regional Decarbonization Policy, Ministry of the Environment
	Noriko Adachi	Director for Emissions Trading, Climate Change Division, Bureau of Environment - Tokyo Metropolitan Government
	Yoshihisa Niwa	Boston Consulting Group Managing Director and Senior Partner
General moderator/coordinator	Toshi H. Arimura	Waseda University (Online)
Moderator (panel discussion)	Makoto Sugino	Hosei University

18:00-18:15 BOD Meeting

18:30-20:00 Gala Dinner RIHGA Royal Hotel Tokyo

Conference Schedule

Day 2 / August 30, 2023

08:00- Registration Bldg. 14, room 201

08:30-10:00 Parallel Session 3: Thematic / Poster session

Thematic Session

- From waste management to circular economy: 30 years of policy innovation in EU, Japan, and the US Bldg. 14, room 401
- Decarbonization policy design and role of hydrogen economy toward carbon neutrality in Japan and some major countries Bldg. 14, room 402
- Carbon pricing and carbon market linkage in Northeast Asia Bldg. 14, room 403
- Regional Collaboration for Nuclear Safety: Harmonizing Standards and Building Resilient Systems in East Asia Bldg. 14, room 502
- Introduction to Environmental Economics and Control Theory on Carbon Neutrality Bldg. 14, room 514
- Climate Extremes: welfare impacts, human trafficking, labour out-migration and land use change Bldg. 14, room 515

Poster Session

Bldg. 14, room 410

10:10-11:40 WCEREA Sponsored Session

Bldg. 14, room 201

Energy Policy in the Face of Global Instability

(Click here for Online)

Speakers	Shiqiu Zhang	Peking University
	Soocheol Lee	Meijo University
	Yongsung Cho	Korea University
	Dina Azhgaliyeva	Asian Development Bank Institute (ADBI)
Moderator	Hsiao-Chi Chen	National Taipei University

11:40-12:40 Lunch Break

12:50-15:20 Parallel Session 4: Regular Session

- Carbon Pricing (1) Bldg. 14, room 402
- Environmental governance and sustainable development (3) Bldg. 14, room 502
- Non-market valuation (2) Bldg. 14, room 515
- Climate change and Food, water, forest and agriculture (1) Bldg. 14, room 403
- Waste management and circular economy Bldg. 14, room 514
- Air pollution, Environment and development (1) Bldg. 14, room 501

15:30-18:00 Parallel Session 5: Regular Session

- Energy transition (3) Bldg. 14, room 401
- Carbon pricing (2) Bldg. 14, room 402
- Energy efficiency and green innovation Bldg. 14, room 502
- Non-market valuation (3) Bldg. 14, room 515
- Low carbon building, house, and home appliances Bldg. 14, room 514
- Climate change and Food, water, forest and agriculture (2) Bldg. 14, room 403
- Air pollution, Environment and development (2) Bldg. 14, room 501

18:10-18:30 Closing Remarks

Bldg. 14, room 201

Conference Program

Day 1 / August 29, 2023

08:00- Registration Bldg. 14, room201

08:30-09:00 Opening Remarks & Ceremony Bldg. 14, room201

09:00-10:00 Keynote Speech Bldg. 14, room201

Circular Economy Japan's Experiences (Click here for Online)

Speaker Eiji Hosoda Tokai University

10:15-12:15 Parallel Session 1: Regular Session

Energy transition (1) Bldg. 14, room 401

Session Chair Daiji Kawaguchi The University of Tokyo

- Price Elasticities of Electricity Demand as a Proxy for Direct Rebound Effects: A Meta-Analytical Comparison in the Asian Context

- Hyun Soo Cho Seoul National University
- Jong Ho Hong Seoul National University

Discussant Arash Taheri University of New South Wales

[Abstract](#)

- Pathways to Net-Zero: the Case of Malaysia

- Sheng Zhong National University of Singapore
- Ojasvee Arora National University of Singapore

Discussant Daiji Kawaguchi The University of Tokyo

[Abstract](#)

- Will a Fast Transition to Renewables Compromise Energy Security? The Effect of Wind and Solar on Thermal Power Plant Efficiency

- Arash Taheri University of New South Wales

Discussant Hyun Soo Cho Seoul National University

[Abstract](#)

- Firm Responses to Electricity Shortages: The Case of the Fukushima Nuclear Accidents

- Daiji Kawaguchi kawaguchi@e.u-tokyo.ac.jp
- Takanao Tanaka University of California, Berkeley

Discussant Ojasvee Arora National University of Singapore

[Abstract](#)

Carbon neutrality (1) Bldg. 14, room 402

Session Chair Xiang Cao Sichuan University

- Does Strategic Carbon Disclosure Pay off?: Investigating the Impact of Voluntary Carbon Disclosure Behavior on Corporate Financial Performance in China

- Taizhe Xu The University of Tokyo

Discussant Yazhen Gong Renmin University of China

[Abstract](#)

- Whether the Process of Imaginary Future Generations Can Promote the Preference of Climate Change Mitigation – The Case of Carbon Tax and Net Zero Schemes

- Yen-Lien Kuo National Cheng Kung University
- Wen-Chin Wu Academia Sinica
- Daigee Shaw Institute of Economics, Academia Sinica, Taiwan
- Bin-Tzong Chie Tamkang University
- Chun-Ta Fan National Cheng Kung University

Discussant Xiang Cao Sichuan University

[Abstract](#)

- Spatial Distribution Characteristics of Neighborhood and Carbon Emissions under the Background of Urban Expansion: Taking Central Heating in Beijing as an Example
 - Yazhen Gong Renmin University of China
 - Gefei Lei Renmin University of China
 - Bingling Duan National Development and Reform Commission

Discussant Taizhe Xu The University of Tokyo
[Abstract](#)
- Evaluating The Impact of the Belt and Road Initiative on Ecology and Environment of Participating Countries
 - Xiaolan Chen Sichuan University
 - Xiang Cao Sichuan University
 - Jiayue Lun Sichuan University

Discussant Yen-Lien Kuo National Cheng Kung University
[Abstract](#)

Impact and Mitigation policy of climate change (1)

Bldg. 14, room 501

- Session Chair** Qian Li Nagoya University
- Effect of Prenatal Exposure to Extreme Heat on Birth Weight: Evidence from South Korea
 - Ahram Han Seoul National University
 - Gi Khan Ten Keimyung University

Discussant Jinhong Wu Copenhagen Business School
[Abstract](#)
 - A Study on the Climate Change Adaptation Behavior of Households in the Philippines: How People Behave or Not in Severe Weather Conditions (Online)
 - Mriduchhanda Chattopadhyay St. Xavier's College (Autonomous), Kolkata
 - Toshi H. Arimura Waseda University
 - Majah L. Ravago Ateneo de Manila University
 - Aretha J. Garcia National Economic and Development Authority

Discussant Qian Li Nagoya University
[Abstract](#)
 - Climate Risks and Firms' Borrowing Costs
 - Jinhong Wu Copenhagen Business School

Discussant Ahram Han Seoul National University
[Abstract](#)
 - Strategic delegation in bilateral environmental agreements under heterogeneity
 - Qian Li Nagoya University

Discussant Mriduchhanda Chattopadhyay St. Xavier's College (Autonomous), Kolkata
[Abstract](#)

Renewable energy (1)

Bldg. 14, room 403

- Session Chair** Alin Halimatussadiah Departement of Economics Univesitas Indonesia
- Electricity Storage or Transmission? Comparing Social Welfare between Electricity Arbitrages
 - Chihiro Yagi Kobe University
 - Kenji Takeuchi Kyoto University

Discussant Kyeongjin Lee Chonnam National University
[Abstract](#)
 - Renewable Energy Investments and Feed-in Tariffs: Firm-Level Evidence from Southeast Asia
 - Dina Azhgaliyeva Asian Development Bank Institute
 - Hai Le Asian Development Bank Institute
 - Resi Ong Olivares Asian Development Bank
 - Shu Tian Asian Development Bank

Discussant Alin Halimatussadiah Departement of Economics Univesitas Indonesia
[Abstract](#)

- Preference analysis on utilization of organic waste for producing electricity based on a choice experiment (CE)
 - Kyeungjin Lee
Jeong Hwan Bae
Chonnam National University
Chonnam National University
- Discussant Chihiro Yagi
[Abstract](#) Kobe University
- Assessing Procurement Options in Indonesia
 - Alin Halimatussadiah
Johannes Lodewikus Kruger
Fabian Wagner
Lena Kitzing
Roes Ebara Gikami Lufti
Departement of Economics Univesitas Indonesia
University of Cape Town
Technical University of Denmark
Technical University of Denmark
The Institute for Economic and Social Research, Faculty of Economics and Business Universitas Indonesia
 - Fachry Abdul Razak Afifi
The Institute for Economic and Social Research, Faculty of Economics and Business Universitas Indonesia
- Discussant Dina Azhgaliyeva
[Abstract](#) Asian Development Bank Institute

Environmental governance and sustainable development (1) Bldg. 14, room 502

Session Chair Yifan Lu University of Tasmania

- The Ripple Effect: Exploring the Impact of Ecosystem Service Degradation on Cultural Ecosystem Services and Human Well-being (Online)
 - Partha Pratim Saikia
Kishor Goswami
Indian Institute of Technology Kharagpur
Indian Institute of Technology Kharagpur
- Discussant Hongliang Zhang
[Abstract](#) Renmin University of China
- Does China need to tighten its National Air Quality Standards? An assessment on the cost and benefits of NAAQS revision
 - Shiqiu Zhang
Wei Wan
Huan Lin
Peking University
Clean Air Asia
Peking University
 - Yanying Wang
Dan Wu
Li Liu
Peking University
Hainan University
South China University of Technology
- Discussant Yifan Lu
[Abstract](#) University of Tasmania
- The Impact of Climate Change on Global Economic Inequality
 - Linxuan Zhao
Renmin University of China
 - Hongliang Zhang
Shang Xu
Renmin University of China
Renmin University of China
- Discussant Partha Pratim Saikia
[Abstract](#) Indian Institute of Technology Kharagpur
- Behavioural impact of marine protected areas in international waters: evidence from Antarctica
 - Yifan Lu
Satoshi Yamazaki
University of Tasmania
University of Tasmania
- Discussant Yanying Wang
[Abstract](#) Peking University

Biodiversity and ecosystem management Bldg. 14, room 514

Session Chair Mikihiko Watanabe University of Yamanashi

- Climate Change, Biodiversity and Health Nexus: Evidence from Malaria in Vietnam (Online)
 - Marine Coinon
Manh-Hung Nguyen
Nguyen Nhat Anh
University of Toulouse Capitole
University of Toulouse Capitole
Universite de Strasbourg

Discussant Hyo Jae Shin Seoul National University

[Abstract](#)

- Marine Protected Area Beyond the Biophysical Justifications: A case study of the Costs and Benefits of Establishing and Managing 3 MPAs in Thailand.
 - Orapan Nabangchang-Srisawalak Economy and Environment Institute of the Lower Mekong Sub-Region

Discussant Mikihiro Watanabe University of Yamanashi

[Abstract](#)

- Valuation of Pollinators: with individual crop's demand
 - Hyo Jae Shin Seoul National University
 - Oh Sang Kwon Seoul National University

Discussant Nguyen Nhat Anh Universite de Strasbourg

[Abstract](#)

- Development of Criteria for "DSI" under the Convention on Biological Diversity
 - Mikihiro Watanabe University of Yamanashi

Discussant Orapan Nabangchang-Srisawalak Economy and Environment Institute of the Lower Mekong Sub-Region

[Abstract](#)

After COVID-19, health and environmental issue

Bldg. 14, room 515

Session Chair Kentaka Aruga Saitama University

- The Value of Statistical Life in the Pandemic Context: Age, Health, and Economic Preferences
 - Yohei Mitani Kyoto University
 - Ao Liu Kyoto University
 - Henrik Lindhjem Norwegian Institute for Nature Research

Discussant Shih-Yung Chiu Soochow University

[Abstract](#)

- Impact of Capacity Building on Pesticide Use and Safety Measures by Farmers and Farm Workers
 - Heman Das Lohano Institute of Business Administration
 - Fateh Muhammad Marri Sindh Agriculture University

Discussant Kentaka Aruga Saitama University

[Abstract](#)

- Dynamic Parallel Two-Stage Electricity Efficiency Evaluation of Production and Consumption in the European Countries
 - Shih-Yung Chiu Soochow University
 - Liang-Chun Lu Lunghwa University of Science and Technology
 - Yung-Ho Chiu Soochow University
 - Tzu-Han Chang Soochow University

Discussant Ao Liu Kyoto University

[Abstract](#)

- The impacts of COVID-19 on seafood prices in Japan: a comparison between cheap and luxury products
 - Kentaka Aruga Saitama University
 - Md. Monirul Islam Bangladesh Agricultural University
 - Arifa Jannat Bangladesh Agricultural University

Discussant Heman Das Lohano Institute of Business Administration

[Abstract](#)

12:15-13:50 General Assembly & Lunch Break

Bldg. 14, room 201

13:50-16:20 Parallel Session 2: Regular Session**Energy transition (2)****Bldg. 14, room 401****Session Chair** Yiyi Ju

Waseda University

- Energy Transition in cooking fuel for the residential sector - A study of select G-20 countries
 - Rekha Bhatt
Diptimayee Nayak

(Online)Indian Institute of Technology Roorkee
Indian Institute of Technology Roorkee

Discussant Mei Shen

Hainan University

[Abstract](#)

- Economic and environmental sustainability of anaerobic membrane bioreactor systems for wastewater reclamation, resource recovery and energy recovery

- Tingwei Gao
Ziwei Liu
Yizhe Lai
Kang Xiao

Peking University
Tsinghua University
University of Chinese Academy of Sciences
University of Chinese Academy of Sciences

Discussant You Li

Asia-Japan Research Institute Ritsumeikan University

[Abstract](#)

- Evaluation of Road Transportation Efficiency in China: Based on Super-Relaxed Incremental Finitization and Window Analysis

(Online)

- Mei Shen
Junyu Mo
Li Liu
Dan Wu

Hainan University
Sun Yat sen University
South China University of Technology
Hainan University

Discussant Yiyi Ju

Waseda University

[Abstract](#)

- Graphical Decomposition Model to Estimate Hourly Global Solar Radiation Considering Weather Stochasticity

- You Li
Yafei Wang
Weisheng Zhou

Asia-Japan Research Institute Ritsumeikan University
The University of Kitakyushu
Ritsumeikan University

Discussant Tingwei Gao

Peking University

[Abstract](#)

- Modeling Coal Phase-down in Integrated Assessment Models: Stranded Assets in Asian Regions

- Yiyi Ju
Firdaus Nur
Kiyoshi Fujikawa

Waseda University
Kyoto University
Aichi Gakuin University

Discussant Rekha Bhatt

Indian Institute of Technology Roorkee

[Abstract](#)**Carbon neutrality (2)****Bldg. 14, room 402****Session Chair** Wendan Zhang

Renmin University of China

- Carbon Emission Scenario Simulation and Carbon Reduction Pathway Analysis in the Transportation Sector of Typical Cities in Guangdong- Hong Kong - Macao Greater Bay Area

(Online)

- Hao Lv
Li Liu
Dan Wu

Wuhan University of Science and Technology
South China University of Technology
Hainan University

Discussant Jingyu Qu

Chonnam National University

[Abstract](#)

- Policy gaps and enabling conditions to realize a net-zero climate resilient development pathway in four ASEAN Member States

- Yosuke Arino
Sivapuram Ventaka Rama
Krishna Prabhakar
Chisa Umemiya

Institute for Global Environmental Strategies (IEGS), Keio University
Institute for Global Environmental Strategies (IEGS)
Institute for Global Environmental Strategies (IEGS)

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|-----------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | Makino Yamanoshita
Temuulen Murun
Naoyuki Okano | Institute for Global Environmental Strategies (IEGS)
Institute for Global Environmental Strategies (IEGS)
Institute for Global Environmental Strategies (IEGS) |
| Discussant
Abstract | Wendan Zhang | Renmin University of China |
| • The Impact of Growth pressure on Carbon Productivity through R&D investment, Emissions Trading System and Energy Security | ○ Jingyu Qu
Wooyoung Jeon | Chonnam National University
Chonnam National University |
| Discussant
Abstract | Hao Lv | Wuhan University of Science and Technology |
| • A production-theoretical decomposition analysis of Low-carbon development in Asia | ○ Wendan Zhang
Yongsung Cho
Ying Tian
Jun Pang
Soocheol Lee
Xu Han
Pim Vercoulen | Renmin University of China
Korea University
Renmin University of China
Renmin University of China
Meijo University
Kyoto University
Cambridge Econometrics |
| Discussant
Abstract | Yosuke Arino | Institute for Global Environmental Strategies (IEGS) &
Keio University |

Impact and Mitigation policy of climate change (2) Bldg. 14, room 501

- | | | |
|----------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
| Session Chair | Dongsoon Lim | Donggeui University |
| • Does nudging about profit enhance forest owners' willingness to participate in forest management program? Evidence from an RCT | ○ Shohei Nonoyama
Hideki Shimada

Yohei Mitani | Kyoto University
National Institute of Advanced Industrial Science and Technology

Kyoto University |
| Discussant
Abstract | Cuihong Zhang | Central South University |
| • Examining the Efficacy of China's Energy Poverty Alleviation Policies: A Text Analysis on Inter-provincial Panel Data | ○ Xiaolan Chen
Xiang Cao
Qilin Li | Sichuan University
Sichuan University
Sichuan University |
| Discussant
Abstract | Keita Abe | Musashi University |
| • A Tale of Two Cities: Mission-Oriented Innovation Policy in China's Green Industries | ○ Cuihong Zhang
Ning Liu | Central South University
City University of Hong Kong |
| Discussant
Abstract | Dongsoon Lim | Donggeui University |
| • Do fishers follow fish displaced by climate warming? | ○ Keita Abe
Florian Diekert
Arne Melsom
Øystein Ole Gahr Langangen | Musashi University
University of Augsburg
Norwegian Meteorological Institute
University of Oslo |
| Discussant
Abstract | Shohei Nonoyama | Kyoto University |

- How the Diffusion of Electric Vehicles Affect a Regional Economy?: Economic Growth, Energy Structure, and GHGs in Busan
 - Dongsoon Lim Dongeui University
- Discussant Xiaolan Chen Sichuan University
[Abstract](#)

Renewable energy (2) Bldg. 14, room 403

- Session Chair** Satoshi Honma Tokai University
- Evolution and enablers of solar module manufacturing in China: Lessons for India
 - Anurvi Mehra Indian Institute of Technology, Delhi
 - Eri Ikeda Indian Institute of Technology, Delhi
 - Seema Sharma Indian Institute of Technology, Delhi
- Discussant Tuo Zhang Kyoto University
[Abstract](#)
- Targeting of Corrective Subsidies: A Ramsey Approach
 - Takahiko Kiso University of Aberdeen
- Discussant Satoshi Honma Tokai University
[Abstract](#)
- An Empirical Study on the Competitive Bidding Strategies of Traditional Power Suppliers under the Integration of Renewable Energy
 - Tuo Zhang Kyoto University
- Discussant Anurvi Mehra Indian Institute of Technology, Delhi
[Abstract](#)
- How does energy efficiency affect renewable energy in Asian economies?
 - Satoshi Honma Tokai University
 - Yoshiaki Ushifusa The University of Kitakyushu
 - Farhad Taghizadeh-Hesary Tokai University
 - Lilu Vandercamme Keio University
- Discussant Takahiko Kiso University of Aberdeen
[Abstract](#)

Resource use effectiveness Bldg. 14, room 514

- Session Chair** Chung-Huang Huang The Greater China Financial and Economic Development Association, ECO Group
- A solution in household: Is there an alternative beyond the currently widespread pathways of food waste management in developing countries?
 - Hengxing Yin Peking University
 - Ling Han Peking University
 - Xin Tong Peking University
- Discussant Soim Lee Seoul National University
[Abstract](#)
- The Factor Price Distortion of China and Energy's Shadow Price of Guangdong: the Use of Stochastic Frontier Analysis and Shadow Price Model (Online)
 - Ziye Cheng South China University of Technology
 - Jinan Zheng Sun Yat-sen University
 - Dan Wu Hainan University
 - Li Liu South China University of Technology
- Discussant Chin-Wen Yang Chung-Hua Institution for Economic Research
[Abstract](#)
- The impact of relieving increasing block rates on residential electricity consumption by income group
 - Soim Lee Seoul National University
 - Jong Ho Hong Seoul National University
- Discussant Chung-Huang Huang The Greater China Financial and Economic Development Association, ECO Group
[Abstract](#)

Non-market valuation (1)**Bldg. 14, room 515****Session Chair** Je-Liang Liou

Chung-Hua Institution for Economic Research

- Assessing residents' support for environmentally-friendly public transportation upgrades across Europe
 - Zhenyu Yao
Shenzhen MSU-BIT University
 - Jed Cohen
Johannes Kepler University

Discussant David Wolf

Kobe University

[Abstract](#)

- How do arsenic concentrated households perceive for safe drinking water? A case study of Western Bihar, India

(Online)

- Sushil Kumar
Diptimayee Nayak

Indian Institute of Technology Roorkee
Indian Institute of Technology Roorkee

Discussant Zihan Yang

Renmin University of China

[Abstract](#)

- The Importance of Boundaries: Hedonic Valuation of Risk Following the Tohoku Earthquake

- David Wolf
Taisuke Sadayuki
Kenji Takeuchi

Kobe University
Seijo University
Kyoto University

Discussant Je-Liang Liou

Chung-Hua Institution for Economic Research

[Abstract](#)

- How does conservation affect urban land prices? Evidence from China

- Zihan Yang
Jian Wu
Shang Xu
Pengju Han

Renmin University of China
Renmin University of China
Renmin University of China
Renmin University of China

Discussant Sushil Kumar

Indian Institute of Technology Roorkee

[Abstract](#)

- Willingness to Pay for Eco-friendly Product: A case study of the Participatory Guarantee Systems in Taiwan

- Ta-Ken Huang
Je-Liang Liou
Pei-Ing Wu

Tamkang University
Chung-Hua Institution for Economic Research
National Taiwan University

Discussant Zhenyu Yao

Shenzhen MSU-BIT University

[Abstract](#)**16:30-18:00 LOC Organizing Session****Bldg. 14, room 201****Japanese Climate Policy Toward Carbon Neutrality****(Click here for Online)****Title & Speakers**

- Pro-Growth Carbon Pricing Concept and its implementation
Nobuyoshi Wakabayashi
Director, Environmental Economy Office, Ministry of Economy, Trade and Industry
- Challenges towards decarbonized society from local communities
Nobuhiro Kino
Director, Office for Regional Decarbonization Policy, Ministry of the Environment
- Tokyo Cap-and-Trade Program ~Efforts Toward a "Zero Emission Tokyo"~
Noriko Adachi
Director for Emissions Trading, Climate Change Division, Bureau of Environment - Tokyo Metropolitan Government
- Global trends in climate change and the movements of Japanese companies
Yoshihisa Niwa
Boston Consulting Group Managing Director and Senior Partner

General moderator/coordinator

Toshi H. Arimura

Waseda University

(Online)

Moderator (panel discussion)

Makoto Sugino

Hosei University

18:00-18:15 BOD Meeting**18:30-20:00 Gala Dinner****RIHGA Royal Hotel Tokyo**

08:00- Registration

08:30-10:00 Parallel Session 3: Thematic / Poster Session

Thematic Session

From waste management to circular economy: 30 years of policy innovation in EU, Japan, and the US

Bldg. 14, room 401

Organizer	Masashi Yamamoto	Tokai University
Session Chair	Daisuke Ichinose	Rikkyo University
Discussant	Yuichi Ishimura	Kindai University
	Eiji Hosoda	Tokai University

- Pathways to sustainability - contribution of EU towards a circular economy
 - Lucy O'Shea University of Bath

[Abstract](#)

- Looking Back at 30 Years of Japan's Resource Circulation Policy
 - Masashi Yamamoto Tokai University

[Abstract](#)

- Prospects for a Circular Economy in the United States
 - Thomas Kinnaman Bucknell University

[Abstract](#)

Decarbonization policy design and role of hydrogen economy toward carbon neutrality in Japan and some major countries

Bldg. 14, room 402

Organizer	Soocheol Lee	Meijo University
Session Chair	Shinya Kato	Yamaguchi University
Discussant	Masakazu Sugiyama	The University of Tokyo

- Simulating Decarbonization of the Iron & Steel Industry in China, Japan, and Korea using E3ME-FTT: Steel
 - Pim Vercoulen Cambridge Econometrics & University of Exeter
 - Soocheol Lee Meijo University
 - Xu Han Kyoto University & Cambridge Econometrics
 - Wendan Zhang Renmin University of China
 - Yungsong Cho Korea University
 - Jun Pang Renmin University of China

[Abstract](#)

- Analysis of the Impact on the Economy and Industry of Carbon Neutrality in 2050 Assuming Japan's Achievement of 2030 GHG Reduction Targets and Power Mix Plan: Analysis using the E3ME macro-econometric model

◦ Shinya Kato	Yamaguchi University
◦ Soocheol Lee	Meijo University
◦ Yanmin He	Otemon Gakuin University
◦ Tsutomu Yoshioka	Toyo University
◦ Toru Morotomi	Kyoto University
◦ Unnada Chewprecha	The World Bank

[Abstract](#)

- Policy design for diffusing hydrogen economy and its impact on Japanese economy by 2050 carbon neutrality using E3ME-FTT model

◦ Xu Han	Kyoto University
◦ Pim Vercoulen	Cambridge Econometrics
◦ Soocheol Lee	Meijo University
◦ Aileen Lam	The World Bank
◦ Shinya Kato	Yamaguchi University
◦ Toru Morotomi	Kyoto University

[Abstract](#)

- Evidence of electric vehicle tipping points in East Asia
 - Aileen Lam University of Macau
 - Jean-Francois Mercure The World Bank

Soocheol Lee

Meijo University

[Abstract](#)

Carbon pricing and carbon market linkage in Northeast Asia **Bldg. 14, room 403**

Organizer Sunhee Suk Nagasaki University
Session Chair Sunhee Suk Nagasaki University
Discussant Yongsung Cho Korea University
Yosuke Arino Institute for Global Environmental Strategies (IEGS) & Keio University

- A study of decarbonization in China involving impact analysis of zero coal power plants on the economy and environment using E3ME
 - Zian Chen Nagasaki University
 - Sunhee Suk Nagasaki University
 - Bence Kiss-Dorbrony Corvinus University of Budapest

[Abstract](#)

- The Effectiveness of Emission Trading Scheme in the Manufacture Sector of Korea
 - Nayoung Lee Korea University
 - Sunhee Suk Nagasaki University
 - Yongsung Cho Korea University

[Abstract](#)

- Impact of carbon market linkage between China, Japan and Korea on decarbonization: E3ME applied study
 - Sunhee Suk Nagasaki University
 - Bence Kiss-Dobronyi Corvinus University of Budapest and Cambridge Econometrics
 - Zian Chen Nagasaki University
 - Morotomi Toru Kyoto University

[Abstract](#)

Regional Collaboration for Nuclear Safety: Harmonizing Standards and Building Resilient Systems in East Asia **Bldg. 14, room 502**

Organizer Yanmin He Otemon Gakuin University
Session Chair Kiyoshi Fujikawa Aichi Gakuin University (Online)
Discussant Tatsujiro Suzuki Nagasaki University

- Barriers and challenges to harmonizing nuclear safety standards in East Asia
 - Yanmin He Otemon Gakuin University
 - Jong-Min Choi Seoul National University
 - Hiroshi Yoshida Tokyo University of Agriculture and Technology
 - Sungin Na Hiroshima shudo University
 - Weisheng Zhou Ritsumeikan University
 - Hyelim You Nagoya University of Commerce

[Abstract](#)

- Harmonization of Western European Nuclear Power Safety Standards and Challenges toward the Improvement of Nuclear Power Safety
 - Soocheol Lee Meijo University
 - Weisheng Zhou Ritsumeikan Univeristy
 - Hyelim You Nagoya University of Commerce
 - Yanmin He Otemon Gakuin University
 - Hiroshi Yoshida Tokyo University of Agriculture and Technology
 - Kenji Asakawa Institute for Global Environmental Strategies (IGES)

[Abstract](#)

- Building nuclear safety system in East Asia toward nuclear safety society - Challenges to overcome a fragmented nuclear safety system
 - Hyelim You Nagoya University of Commerce & Business

[Abstract](#)

- Taiwan's Process for Abandoning Nuclear Power Generation and Energy Supply Plan
 - Lichun Chen Yamaguchi University
 - Kiyoshi Fujikawa Aichi Gakuin University

[Abstract](#)

Introduction to Environmental Economics and Control Theory on Carbon Neutrality

Bldg. 14, room 514

Organizer	Yoshiaki Ushifusa	University of Kitakyushu
Session Chair	Yoshiaki Ushifusa	University of Kitakyushu
Discussant	Satoshi Honma	Tokai University
	Shinsuke Kyoj	Research Institute for Humanity and Nature
	Takeshi Hatanaka	Tokyo Institute of Technology

- On the potential failure of policies to promote woody biomass by focusing on individual trees rather than considering the forest as a whole
 - Eiji Sawada

Kyushu Sangyo University

[Abstract](#)

- User-Based Rebalance Using Model Predictive Control in One-Way Car-Sharing System
 - Takatoshi Haruna
 - Toru Namerikawa

Keio University

Keio University

[Abstract](#)

- Heterogeneous Preferences for Offshore Wind Turbines in Japan: A Choice Experiment Study
 - Shinsuke Kyoj
 - Kengo Iwata
 - Yoshiaki Ushifusa

Research Institute for Humanity and Nature

Kyoto University

The University of Kitakyushu

[Abstract](#)

- Dynamic Incentive and Control Mechanism in a Principal-Agent Problem: A Stability Analysis in Long-Term Risk-Sensitive Case
 - Yasuaki Wasa
 - Ken-Ichi Akao
 - Kenko Uchida

Waseda University

Waseda University

Waseda University

[Abstract](#)

Climate Extremes: welfare impacts, human trafficking, labour out-migration and land use change

Bldg. 14, room 515

Organizer	South Asian Network for Development and Environmental Economics (SANDEE)	
Session Chair	Mani Nepal	South Asian Network for Development and Environmental Economics (SANDEE), International Center for Integrated Mountain Development (ICIMOD)
Discussant	Pranab Mukhopadhyay	Goa University
	Mani Nepal	South Asian Network for Development and Environmental Economics (SANDEE), International Center for Integrated Mountain Development (ICIMOD)
	A K Enamul Haque	East West University

- Impact of Climate Change on Human Trafficking in Vulnerable Coastal Districts of Bangladesh
 - A K Enamul Haque
 - A M Tanvir Hussain
 - Asiya Siddica

East West University

East West University

East West University

[Abstract](#)

- Impact of natural disasters on educational attainment in India A panel data analysis
 - Yasser Razak Hussain
 - Pranab Mukhopadhyay

M.E.S. College and Goa University

Goa University

[Abstract](#)

- Labour Outmigration, Farmland Following, Livelihood Diversification and Technology Adoption in Nepal
 - Apsara Karki Nepal
 - Mani Nepal

Independent Researcher

South Asian Network for Development and Environmental Economics (SANDEE), International Center for Integrated Mountain Development (ICIMOD)

Portland State University

[Abstract](#)

- Rebound effects in the era of the energy transition.
 - Nhat-Anh Nguyen University of Strasbourg
 - Phu Nguyen-Van University Paris Nanterre
 - Anne Stenger University of Strasbourg

(Online)

[Abstract](#)

- Impact of Corporate Social Responsibility Expenditure on Education and Health Outcomes
 - Shachi Rai Jawaharlal Nehru University
 - Sangeeta Bansal Jawaharlal Nehru University

(Online)

[Abstract](#)

- Citizens' Preferences on Green Infrastructure in Wuhan, China
 - Chang Lu Shiga University
 - Katsuya Tanaka Shiga University
 - Qulin Shen Shiga University

[Abstract](#)

- Mapping China's Hydrogen Energy City Clusters: Old and New Synergistic Effects
 - Maoling Yuan City University of Hong Kong
 - Ning Liu City University of Hong Kong
 - Cuihong Zhang City University of Hong Kong

[Abstract](#)

10:10-11:40 WCEREA Sponsored Session Bldg. 14, room 201

Energy Policy in the Face of Global Instability (Click here for Online)

Speakers	Shiqiu Zhang	Peking University
	Soocheol Lee	Meijo University
	Yongsung Cho	Korea University
	Dina Azhgaliyeva	Asian Development Bank Institute (ADBI)
Moderator	Hsiao-Chi Chen	National Taipei University

11:40-12:40 Lunch Break

12:50-15:20 Parallel Session 4: Regular Session

Carbon Pricing (1) Bldg. 14, room 402

Session Chair Jongmin Yu Hongik University

- Do Lenders Penalize High Energy-Consumption Firms? Not Really
 - Neeru Chaudhry Indian Institute of Technology Delhi
 - Damini Kumari Indian Institute of Technology Delhi

Discussant Kenta Tanaka Musashi University

[Abstract](#)

- When and Under What Conditions Does an Emission Trading Scheme Become Cost Effective?
 - Hongyan Zhang China University of Petroleum
 - Lin Zhang City University of Hong Kong
 - Ning Zhang Shandong University

Discussant Jongmin Yu Hongik University

[Abstract](#)

- The impacts of the Tokyo and Saitama ETs on the energy efficiency performance of manufacturing facilities
 - Lu Guanyu Waseda University
 - Kenta Tanaka Musashi University
 - Toshi H. Arimura Waseda University

Discussant Damini Kumari Indian Institute of Technology Delhi

[Abstract](#)

- Does emission trading lead to carbon leakage in RGGI?: triple difference application
 - Jongmin Yu Hongik University
 - Jaeseok Lee Korea Energy Institute

Discussant Lin Zhang City University of Hong Kong

[Abstract](#)

Environmental governance and sustainable development (3)**Bldg. 14, room 502****Session Chair** Rintaro Yamaguchi National Institute for Environmental Studies (NIES)

- Surprising policy serendipity: How does the development of video game industry address sustainability?
 - Wei Gu City University of Hong Kong
 - Ning Liu City University of Hong Kong
 - Lin Zhang City University of Hong Kong

Discussant Shachi Rai Jawaharlal Nehru University

[Abstract](#)

- The Regional Reallocation Effect on Rural Labor Forces of Environmental Regulations for Water Pollution Control in China

- Ji Zhou Renmin University of China
- Dunhu Chang Renmin University of China
- Xiangbo Xu Chinese Academy of Sciences
- Zhong Ma Renmin University of China
- Linxiu Zhang Chinese Academy of Sciences

Discussant Yu-Ching Shen Kyoto University

[Abstract](#)

- Relationship between Corporate Social Responsibility Expenditure and Financial Performance: Role of Business Group Affiliation

(Online)

- Shachi Rai Jawaharlal Nehru University
- Sangeeta Bansal Jawaharlal Nehru University

Discussant Rintaro Yamaguchi National Institute for Environmental Studies (NIES)

[Abstract](#)

- How does the Farmland Market Respond to a Weather Shock? Evidence from Transaction Data in Taiwan

- Yu-Ching Shen Kyoto University

Discussant Ji Zhou Renmin University of China

[Abstract](#)

- Ecological footprint, natural capital, and efficiency as knowledge capital in wealth accounting

- Rintaro Yamaguchi National Institute for Environmental Studies (NIES)

Discussant Wei Gu City University of Hong Kong

[Abstract](#)**Non-market valuation (2)****Bldg. 14, room 515****Session Chair** Yana Jin Peking University

- Assessing the Recreational and Educational Value of Taipei Zoo: A Travel Cost Method and Contingent Behavior Approach

- Tzu-Yu Tung National Tsing Hua University
- Ya-wen Chiueh National Tsing Hua University

Discussant Kei Kabaya Rikkyo University

[Abstract](#)

- The Economic Benefits of Water Storage Infrastructure: Evidence from Taiwan

- Chia-Chen Hsu National Taiwan University
- Yau-Huo (Jimmy) Shr National Taiwan University

Discussant Zhenyu Yao Shenzhen MSU-BIT University

[Abstract](#)

- Do Different Visual Presentation Formats Encourage Different Choice Behaviors? Discrete Choice Experiment on Urban Park Landscapes

- Kei Kabaya Rikkyo University
- Kayo Tajima Rikkyo University
- Daisuke Ichinose Rikkyo University
- Michiko Asano The University of Tokyo

Discussant Yana Jin Peking University

[Abstract](#)

- Respondent experience and willingness-to-pay: Reconciling stated preference data with scientific evidence
 - Zhenyu Yao
Shenzhen MSU-BIT University

Discussant Yau-Huo (Jimmy) Shr National Taiwan University
[Abstract](#)
- Eliciting willingness to pay to reduce health risks related to air pollution – the effect from stated preference survey mode
 - Yana Jin Peking University
 - Henrik Andersson Toulouse School of Economics
 - Shiqiu Zhang Peking University

Discussant Tzu-Yu Tung National Tsing Hua University
[Abstract](#)

Climate change and Food, water, forest and agriculture (1) Bldg. 14, room 403

Session Chair Hua Zhong Beihang University

- Local Mariculture vs. Imports: Implications for Sustainability and Food Security
 - Yanay Farja Tel-Hai College, Israel
 - Asael Greenfeld Tel-Hai College, Israel
 - Dror Angel University of Haifa

Discussant Chihiro Shiga The University of Tokyo
[Abstract](#)
- A Hedonic Regression to Estimate the Value of Commercial Catch Method: A Case Study using the Japanese Commercial Swordfish Fishery
 - Ryan Kueber The University of Tokyo
 - Nobuyuki Yagi The University of Tokyo

Discussant Botao Qin Xi'an Jiaotong University
[Abstract](#)
- Preliminary study on the causes of unutilized and underutilized fish in Japan
 - Chihiro Shiga The University of Tokyo
 - Yutaro Sakai The University of Tokyo
 - Nobuyuki Yagi The University of Tokyo

Discussant Yanay Farja Tel-Hai College, Israel
[Abstract](#)
- Does an imaginary trip to the future increase people's contribution to climate change mitigation?
 - Botao Qin Xi'an Jiaotong University
 - Nan Zhang Xi'an Jiaotong University
 - Yaru Wang Xi'an Jiaotong University

Discussant Hua Zhong Beihang University
[Abstract](#)
- Urban Landscaping or Water Conservation: A Tradeoff with Stringent Regulating Policies in China
 - Xiaogu Li Beihang University
 - Hua Zhong Beihang University

Discussant Ryan Kueber The University of Tokyo
[Abstract](#)

Waste management and circular economy Bldg. 14, room 514

Session Chair Ken-Ichi Akao Waseda University

- From Mixed Waste to Separation at Source: A Strategic Game Analysis of Religious Communities in Israel
 - Chen Cohen Ben-Gurion University of the Negev
 - Doron Lavee Tel Hai college

Discussant Ken-Ichi Akao Waseda University
[Abstract](#)

- Will smart society reduce food loss and waste?
 - Yiyi Ju Waseda University
 - Ayu Washizu Waseda University
 - Sayaka Ita Tohoku-gakuin University

Discussant Doron Lavee Tel Hai college
[Abstract](#)

- EPR or PPP? The choice of principle for environmental regulation
 - Ken-Ichi Akao Waseda University
 - Eiji Hosoda Tokai University
 - Geumsoo Kim Hoseo University

Discussant Yiyi Ju Waseda University
[Abstract](#)

Air pollution, Environment and development (1) Bldg. 14, room 501

Session Chair Voravee Saengavut Khon Kaen University

- An Empirical Analysis on the Effects of the Seoul Metropolitan Area's Air Pollutants Emission-Cap Regulation

- Ji Won Im Seoul National University
- Jong Ho Hong Seoul National University

Discussant Zeyang Zhang Renmin University of China
[Abstract](#)

- Economic policy uncertainty and Co-Control of Air Pollutants and CO₂: Evidence based on 282 cities' economic policy uncertainty index

- Xuan Yang Renmin University of China
- Zeyang Zhang Renmin University of China
- Lei Shi Renmin University of China

Discussant Voravee Saengavut Khon Kaen University
[Abstract](#)

- "Icing on the cake" or "fuel delivered in the snow"? Evidence from China on ecological compensation for air pollution

- Zeyang Zhang Renmin University of China
- Hancheng Song CPC Beijing Municipal Education Committee
- Jian Wu Renmin University of China
- Dunhu Chang Renmin University of China
- Xin Wang China National Environmental Monitoring Centre

Discussant Ji Won Im Seoul National University
[Abstract](#)

- Burning dilemma: assessing constraints to reducing agricultural fires among sugarcane farmers in Northeast Thailand

- Voravee Saengavut Khon Kaen University
- Tanyamat Srungboonmee Khon Kaen University
- Man-Keun Kim Utah State University

Discussant Xuan Yang Renmin University of China
[Abstract](#)

15:30-18:00 Parallel Session 5: Regular Session

Energy transition (3) Bldg. 14, room 401

Session Chair Thang Nam Do Australian National University

- Multidimensional Feasibility of Solar Target in Bangladesh
 - Moshahida Sultana Central European University
 - Kallol Mustafa Sarbojonkotha

Discussant Akihisa Mori Kyoto University
[Abstract](#)

- Strengthen the carbon emission reduction of intermittent renewable energy through multi-energy integration
 - Bing Zhang Nanjing University
 - Zhongwen Xu Nanjing University

Discussant Maxensius Sambodo National Research and Innovation Agency (BRIN)

[Abstract](#)
- Electricity system transitions: The case of Vietnam and the Philippines
 - Akihisa Mori Kyoto University

Discussant Thang Nam Do Australian National University

[Abstract](#)
- Decarbonisation of Indonesian energy system: formality and reality
 - Maxensius Sambodo National Research and Innovation Agency (BRIN)
 - Akihisa Mori Kyoto University
 - Mesnan Silalahi National Research and Innovation Agency (BRIN)

Discussant Bing Zhang Nanjing University

[Abstract](#)
- Phasing out coal power in a developing country context: Insights from Vietnam
 - Thang Nam Do Australian National University
 - Paul J. Burke Australian National University

Discussant Moshahida Sultana Central European University

[Abstract](#)

(Online)

Carbon pricing (2)

Bldg. 14, room 402

- Session Chair** Jeong Won Kim National University of Singapore
- Effect of a European Carbon Border Adjustment Mechanism on the APAC region: a Structural Gravity Analysis
 - Aline Mortha Waseda University
 - Toshi H. Arimura Waseda University
 - Shiro Takeda Kyoto Sangyo University
 - Tatyana Chesnokova Waseda University

Discussant Thomas Kinnaman Bucknell University

[Abstract](#)
 - Should carbon tax revenues be earmarked for renewable energy development: the case of countries in east Asia region
 - Yuventus Effendi Indonesian Ministry of Finance
 - Budy P. Resosudarmo Australian National University

Discussant Jin-Li Hu National Yang Ming Chiao Tung University, Taiwan

[Abstract](#)
 - The Empirical Effects of a Carbon Price
 - Thomas Kinnaman Bucknell University

Discussant Jeong Won Kim National University of Singapore

[Abstract](#)
 - Effects of Internal Carbon Pricing on Carbon Emission Efficiency: Evidence from Japanese Firms
 - Jin-Li Hu National Yang Ming Chiao Tung University, Taiwan
 - Satoshi Honma Tokai University
 - Mei-Fang Liu National Chiao Tung University

Discussant Budy P. Resosudarmo Australian National University

[Abstract](#)
 - Internal Carbon Pricing: Global Trends and Challenges
 - Jeong Won Kim National University of Singapore

Discussant Aline Mortha Waseda University

[Abstract](#)

Energy efficiency and green innovation**Bldg. 14, room 502**

- Session Chair** Naveen Adhikari Tribhuvan University
- Carbon disclosure and corporate green innovation: Evidence from Japan
 - Xiao Jia Kobe University
 - Kenji Takeuchi Kyoto University
- Discussant Doori Kim Chonnam National University
[Abstract](#)
- The Impact of Carbon Productivity of Companies Participating in Emissions Trading System on Firm Value
 - Dohyun Ji Chonnam National University
 - Wooyoung Jeon Chonnam National University
- Discussant Naveen Adhikari Tribhuvan University
[Abstract](#)
- Environmental policies with the excess burden of public funds and privatization
 - Doori Kim Chonnam National University
 - Sang-Ho Lee Chonnam National University
- Discussant Xiao Jia Kobe University
[Abstract](#)
- Energy-Related Financial Literacy and Fuel Efficiency: Evidence from Motorcycles in Nepal
 - Naveen Adhikari Tribhuvan University
 - Massimo Filippini Center of Economic Research, ETH, Zurich
 - Nilkanth Kumar Center of Economic Research, ETH, Zurich
 - Nirmal Kumar Raut Tribhuvan University
 - Suchita Srinivasan Center of Economic Research, ETH, Zurich
- Discussant Dohyun Ji Chonnam National University
[Abstract](#)

Non-market valuation (3)**Bldg. 14, room 515**

- Session Chair** Katsuya Tanaka Shiga University
- Estimating Resident's Willingness-to-pay for Urban Parks in Chengdu, China: A Spatial Analysis
 - Yuying Luo Sichuan University
 - Xiang Cao Sichuan University
 - Xiaolan Chen Sichuan University
- Discussant Shengyi Du Shiga University
[Abstract](#)
- Farmers' willingness to pay for household waste in the Qinling region using the contingent valuation method
 - Feng Wang Northwest University
 - Yihan Hou Northwest University
 - Ruikun An Northwest University
 - Hideki Kitagawa Ryukoku University
- Discussant Daigee Shaw Institute of Economics, Academia Sinica
[Abstract](#)
- How to Identify and Estimate the Demand for Job Safety?
 - Nan Zhang University of Trento
 - Robert Mendelsohn Yale University
 - Daigee Shaw Institute of Economics, Academia Sinica
- Discussant Katsuya Tanaka Shiga University
[Abstract](#)
- Residents' preferences for urban agriculture in Shanghai
 - Shengyi Du Shiga University
 - Katsuya Tanaka Shiga University
- Discussant Xiang Cao Sichuan University
[Abstract](#)

- Residents' preferences for traffic calming and receptivity to diffusion policies in Portland, Oregon
 - Katsuya Tanaka Shiga University
 - Jennifer Dill Portland State University
 - Nathan Mcneil Portland State University
 - Roger Geller Portland Bureau of Transportation
 - Noriaki Kondo Shiga University

Discussant Ruikun An Northwest University
[Abstract](#)

Low carbon building, house, and home appliances Bldg. 14, room 514

Session Chair Jinmahn Jo University of California

- Energy price sensitivity: installation vs. usage stage of heating appliances
 - Jiaxing Wang Sapporo Gakuin University
 - Shigeru Matsumoto Aoyama Gakuin University

Discussant Ting-Jui Sun Asian Pacific Energy Research Centre (APERC), Industrial Technology Research Institute (ITRI)

[Abstract](#)

- Gender Empowerment, Information, And Attitude: Do They Help Reduce the Energy Efficiency Gap? Evidence from Urban India
 - Monalisa Singh Indian Institute of Technology Tirupati
 - Chandra Sekhar Bahinipati Indian Institute of Technology Tirupati

Discussant Nhat-Anh Nguyen University of Strasbourg

[Abstract](#)

- Developing a community-based energy saving behavioral program - A lesson learned from Taiwan
 - Ting-Jui Sun Asian Pacific Energy Research Centre (APERC), Industrial Technology Research Institute (ITRI)
 - Yating Chuang Institute of Economics, Academia Sinica
 - Wen-Hua Liao Industrial Technology Research Institute (ITRI)
 - Ying-Yi Chen Institute of Economics, Academia Sinica
 - Yi-Hung Chen Industrial Technology Research Institute (ITRI)
 - Chuan-Yi Su Industrial Technology Research Institute (ITRI)

Discussant Jinmahn Jo University of California

[Abstract](#)

- Rebound effects: The longer distance from social optima
 - Nhat-Anh Nguyen University of Strasbourg
 - Phu Nguyen-Van University Paris Nanterre
 - Anne Stenger University of Strasbourg

(Online)

Discussant Monalisa Singh Indian Institute of Technology Tirupati

[Abstract](#)

- Prices Still Matter: How Households Adjust Their Consumption Behavior under Time-Of-Use Electricity Pricing
 - Jinmahn Jo University of California

Discussant Jiaxing Wang Sapporo Gakuin University

[Abstract](#)

Climate change and Food, water, forest and agriculture (2) Bldg. 14, room 403

Session Chair Wan-Jiun Chen Chinese Culture University

- Cooperation in organic agriculture adoption: A theoretical model
 - Quang Huy Nguyen University of Strasbourg

(Online)

Discussant Jirawan Kojansri Khon Kaen University

[Abstract](#)

- Collective Bargaining in an Agricultural Network Setting with Negative Externalities
 - Arnaud Z. Dragicevic Chulalongkorn University
 - Jean-Christophe Perea Bordeaux School of Economics

(Online)

- Discussant Qi Wang Renmin University of China
[Abstract](#)
- Exploring Risk Aversion among Smallholder Rice Farmers: A Spatial Analysis on Crop Diversification
 - Jirawan Kojansri Khon Kaen University
 - Voravee Saengavut Khon Kaen University
 - Phumsith Mahasuweerachai Khon Kaen University
- Discussant Wan-Jiun Chen Chinese Culture University
[Abstract](#)
- Research on the pollution reduction effect and mechanism of basin ecological compensation policy (Online)
 - Qi Wang Renmin University of China
 - Yanlin Du Renmin University of China
 - Zigang Liu Renmin University of China
- Discussant Arnaud Z. Dragicevic Chulalongkorn University
[Abstract](#)
- Agro-leisure industry in Lanyang River Watershed to climate change adaptations
 - Wan-Jiun Chen Chinese Culture University
 - Shyue-Cherng Liaw National Taiwan Normal University
- Discussant Quang Huy Nguyen University of Strasbourg
[Abstract](#)

Air pollution, Environment and development (2) Bldg. 14, room 501

- Session Chair** Hyungna Oh Kyung Hee University
- The relationship between air pollution and road traffic in Guangdong province : An analysis based on the perspective of spatial correlation network (Online)
 - Yujie Zhang South China University of Technology
 - Lu Yang South China University of Technology
 - Li Liu South China University of Technology
 - Dan Wu Hainan University
- Discussant Wenjun Bu Nagoya University
[Abstract](#)
- Research on the Diffusion Path of Desulfurization and Denitrification Technology in China's Coal-fired Power Industry (Online)
 - Yuxiang Yang Hainan University
 - Jingfei Wang Sun Yat-sen University
 - Dan Wu Hainan University
 - Li Liu South China University of Technology
- Discussant Mika Akesaka Kobe University
[Abstract](#)
- Evaluating public preferences for autonomous buses in Japan using best-worst scaling
 - Wenjun Bu Nagoya University
 - Makiko Nakano Nagoya University
- Discussant Hyungna Oh Kyung Hee University
[Abstract](#)
- "Invisible Killer": Seasonal Allergy and Accidents
 - Mika Akesaka Kobe University
 - Hitoshi Shigeoka The University of Tokyo
- Discussant Yuxiang Yang Hainan University
[Abstract](#)
- Will innovators in energy-intensive industries benefit from being first movers?
 - Hyungna Oh Kyung Hee University
- Discussant Yujie Zhang South China University of Technology
[Abstract](#)

Remarks by Local Committee Chair
Best Poster Award given by Scientific Committee
Announcement for 2023 Congress