

Conference Schedule of AAERE Congress 2024

Time(TST)	8/25	8/26		8/27		8/28
08:30		Registration 8:30-9:00		Registration 8:30-9:00		Conference site visit: One-Day Tour of Hsinchu Old City and Xiangshan Wetlandf
09:00-		Opening Remarks & Ceremony 9:00-10:00		Keynote Speech 9:00-10:00 Dr. Shiqiu ZHANG		
09:30						
10:00-		Keynote Speech 10:00-12:00 Dr. Budy P. Resosudarmo Dr. Daigee Shaw		Parallel Session 3 10:00- 12:00	WCEREA Special Session 10:00- 12:00	
10:30						
11:00-						
11:30		Lunch Break 12:00-12:40		Lunch Break 12:00-12:40		
12:00-		AAERE congress 12:40-13:40		Poster Session 12:40- 13:40	BOD Meeting 2 12:40- 13:40	
12:30						
13:00-		Parallel Session 1 13:40-15:40		Sponsored Session (A&A) 13:40-15:40	Parallel Session 4 13:40- 15:40	
13:30						
14:00-	Registration 14:30-15:00	Break 15:40-16:00		Break 15:40-16:00		
14:30	BOD Meeting 15:00-17:00	Parallel Session 2 16:00-18:00	Sponsored Session (A&A) 16:00-18:00	Parallel Session 5 16:00-18:00		
15:00-						
15:30		Welcome Reception 17:30-19:30	Gala Dinner 18:30-20:00		Closing Remarks 18:10-18:30	
16:00-						
16:30						
17:00-						
17:30						
18:00-						
18:30						
19:00-						

※8/28 Conference site visit: One-Day Tour of Hsinchu Old City and Xiangshan Wetlandf

09:30 at The Thinker sculpturer, Macronix Building, NTHU→ TSMC Museum of Innovation→ Hsinchu Du Cheng Huang Temple and Old City Area Tour→ Chu-fish Fisheries Company→ Xiangshan Wetland Tour→ The Thinker sculpturer, Macronix Building, NTHU

August 27, 2024

8:30-9:00	Registration	Macronix Building
9:00-10:00	Keynote Speech	Macronix Building
	Chair Kuo-Tai Cheng	International Conference Hall
	Speaker Dr. Shiqiu ZHANG (online)	
10:00-12:00	Parallel Session 3	
	3-1 Carbon Pricing	Classroom243
	3-2 Green Energy Innovations and Environmental Impact	Seminar room1
	3-3 Climate change and green industry	Seminar room2
	3-4 Public Resources and Services	Education Building Classroom 102
	3-5 Hybrid D: WCEREA Special Session Forest as a Carbon Sink--Climate Change, Land-Use, and Biodiversity: Economic Perspectives	International Conference Hall
	3-6 Agricultural Water Resources Management and Adaptation to Climate Change (A&A): Environmental Policies and Legislation	Chou Hwai Pwu Hall
12:00-12:40	Lunch Break	
12:40-13:40	Poster Session/ BOD Meeting 2	
13:40-15:40	Parallel Session 4	
	4-1 Household and Carbon Footprint	Classroom243
	4-2 Adaption and Economic Impact	Seminar room1
	4-3 Climate Resilience and governance	Seminar room2
	4-4 Hybrid E: Sustainable Practices and Environmental Monitoring	International Conference Hall
	4-5 Hybrid F: Behavior and Decision-Making	Education Building Classroom 102
	4-6 ReTech Environmental Solutions x Water Resource Management and Industrial Ecology	Chou Hwai Pwu Hall
	4-7 Shin-Shen Sustainability Consulting Co. LTD x Sustainable Development and Energy Management	Classroom253
15:40-16:00	Break	

16:00-18:00	Parallel Session 5	
	5-1 Thematic Session: Decarbonization policy design and cooperation between ASEAN and Japan toward AZEC (Asia Zero Emission Community)	Chou Hwai Pwu Hall
	5-2 Sustainable Cities	Classroom243
	5-3 Hybrid G: Ecotourism and Conservation value	International Conference Hall
	5-4 Sustainable tourism and environmental practice	Classroom253
	5-5 Balancing Environmental Regulation, Public Health, and Sustainable Development: Insights from Global Case Studies	Education Building Classroom 102
18:10-18:30	Closing Remarks	International Conference Hall

Conference Program

August 27, 2024

8:30-9:00	Registration	Macronix Building
9:00-10:00	Keynote Speech (online)	International Conference Hall
	Integrating Environ-Economic Analysis into Policy Making for Sustainable Air Quality Management: Cases from China	
Speaker	Dr. Shiqiu Zhang	Peking University (online)
10:00-12:00	Parallel Session 3	Macronix Building
3-1	Carbon Pricing	Classroom243
Session Chair	Ming-Chung Chang	Institute of Business Intelligence and Innovation, Chihlee University of Technology
3-1-1	Feed-in-Tariff backfires: implicit carbon pricing and inter-fuel substitution in manufacturing	
	Aline Mortha	Waseda University
	Toshi H. Arimura	Waseda University
Discussant	Jin-Li Hu	National Yang Ming Chiao Tung University
3-1-2	Corporate Sustainability under Digital Transformation: Evidence from Taiwan's Enterprises	
	Po-Sheng Yang	National Yang Ming Chiao Tung University
	Jin-Li Hu	National Yang Ming Chiao Tung University
Discussant	Aline Mortha	Waseda University
3-1-3	The Distributional Effects of Carbon Pricing and the Implications for Vulnerable Households in Taiwan	
	Daigee Shaw	Institute of Economics, Academia Sinica
	Yu-Hsuan Fu	Institute of Economics, Academia Sinica
	Yu-Ting Hsu	Department of Economics, National Chengchi University
	Wen-Hsiu Huang	Department of Public Finance, Feng Chia University
	Shih-Mo Lin	PhD program in Business, Chung Yuan Christian University
Discussant	Aline Mortha	Waseda University
3-1-4	Circular economy spatial analysis for searching the learning peers	
	Ming-Chung Chang	Institute of Business Intelligence and Innovation, Chihlee University of Technology
Discussant	Hsuan-Yu Chang	Chung-Hua Institution for Economic Research
3-1-5	Does Organic Farming Enhance Soil Organic Carbon Sequestration?	
	Chia-Chi Chang	National Chung Hsing University
	Wan-Yu Liu	Department of Forestry, National Chung Hsing University
Discussant	Ming-Chung Chang	Institute of Business Intelligence and Innovation, Chihlee

3-2 Green Energy Innovations and Environmental Impact		Seminar room1
Session Chair	Yongsung Cho	Korea University
3-2-1	Using Nudges to Improve Energy Saving – Evidence from Taiwan Households	
	Yue-Rong Hong	Department of Information Management, National Taiwan University of Science and Technology
	Chien-Ming Lee	Institute of Natural Resource Management, National Taipei University
	Tsai-Chi Kuo	Department of Natural Sciences and Sustainable Development, National Taiwan University of Science and Technology
	Xuan-Yi Li	Institute of Natural Resource Management, National Taipei University
Discussant	Yongsung Cho	Korea University
3-2-2	Assessment of the Potential of Green Energy Innovation - A Case Study of Negative Emissions Technology BIGFC with CCS	
	Cheng-Da Yuan	National Atomic Research Institute
	Wei Chen Liao	National Atomic Research Institute
	Hui Chih Chai	National Atomic Research Institute
Discussant	Chien-Ming Lee	Institute of Natural Resource Management, National Taipei University
3-2-3	Analysis of Environmental Effects of subsidizing policy on natural gas vehicles in Korea	
	Heechan Kang	Department of Economics in Incheon national university
Discussant	Chien-Ming Lee	Institute of Natural Resource Management, National Taipei University
3-2-4	Drivers of CO2 emissions and role of renewables in power generation in Korea and Japan using decomposition analysis	
	Yongsung Cho	Korea University
	Soocheol Lee	Meijo University
Discussant	Cheng-Da Yuan	National Atomic Research Institute
3-2-5	Plastic Recycling Policy in China and the Waste Plastic Trade	
	Tadashi Hayashu	The University of Shiga Prefecture
Discussant	Heechan Kang	Department of Economics in Incheon national university
3-3 Climate change and green industry		Seminar room2
Session Chair	Yu-Lan Chien	Institute of Natural Resources Management, National Taipei University
3-3-1	Applying the Modern Portfolio Theory to Investigate Taiwan's Power Mix Decision	
	Yu-Lan Chien	Institute of Natural Resources Management, National Taipei University

		University
	Tong-Kai Chen	Taiwan Power Company
	Jong-Shun Chen	Chung-Hua Institute for Economic Research
Discussant	Tsung-Yu Yang	Department of Fisheries Technology and Management, National Kaohsiung University of Science and Technology
3-3-2	The Impact of Climate Change on Agricultural Yield and the Effectiveness of Adaptation Strategies in Vietnam	
	Huiwon Yong	Department of Agricultural Economics and Rural Development, Seoul National University
	Oh-Sang Kwon	Department of Agricultural Economics and Rural Development, and Integrated Major in Global Smart Farm, Seoul National University
Discussant	Chin-Wen Yang	Chung-Hua Institute for Economic Research
3-3-3	The Climate Change Risk Perception for Grouper Aquaculture Industry in Taiwan	
	Tsung-Yu Yang	Department of Fisheries Technology and Management, National Kaohsiung University of Science and Technology
	Ann-Chang Cheng	Department of Aquaculture, National Kaohsiung University of Science and Technology
	Hsiang-Chieh Chuang	Department of Aquaculture, National Kaohsiung University of Science and Technology
	Tien-Thinkh Nguyen	Department of Fisheries Technology and Management, National Kaohsiung University of Science and Technology
Discussant	Yu-Lan Chien	Institute of Natural Resources Management, National Taipei University
3-3-4	Taiwan's Strategy for Carbon Offset Implementation in the Aviation Industry	
	Chung-Han Yang	Department of Environmental and Cultural Resources, National Tsing Hua University
	Chiao-Wei Lin	Department of Environmental and Cultural Resources, National Tsing Hua University
Discussant	Oh-Sang Kwon	Department of Agricultural Economics and Rural Development, and Integrated Major in Global Smart Farm, Seoul National University
3-3-5	Is broader trading welfare improving for tradable performance standards?	
	Xianling Long	National School of Development, Peking University
	Nicolas Astiery	Paris School of Economics, Ecole des Ponts
	Da Zhangz	Institute of Energy, Environment and Economy, Tsinghua University
Discussant	Tsung-Yu Yang	Department of Fisheries Technology and Management, National

3-4 Public Resources and Services

Education Building Classroom 102

Session Chair	Yen-Lien Kuo	Department of Economics, National Cheng Kung University
3-4-1	A Simulation Study of Island Ecotourism Development Based on DPSIRM and SD Models: A Case Study of Amami-Oshima Island	
	Yining Wang	Graduate School of Fisheries and Environmental Sciences, Nagasaki University
	Aiko Endo	Graduate School of Fisheries and Environmental Sciences, Nagasaki University
3-4-2	Restoration Potential of Urban Sustainable Tourism Destinations: Objective Greenness and Tourist Perceptions (Study Case Taman Impian Jaya Ancol, Theme Park in Jakarta, Capital City of Indonesia)	
	Anisa Rintayani	SIL Universitas Indonesia
3-4-3	What Drives Respondents to Explore the Survey? Reconciling Satellite Imagery in the Survey with Respondents' Decision in Choice Modeling	
	Zhenyu Yao	Shenzhen MSU-BIT University
3-4-4	Hidden dangers below: Unravelling the health costs of arsenic-contaminated groundwater in Bihar	
	Sushil Kumar	INDIAN INSTITUTE OF TECHNOLOGY ROORKEE
	Diptimayee Nayak	INDIAN INSTITUTE OF TECHNOLOGY ROORKEE

3-5 Hybrid D: WCEREA Special Session

Forest as a Carbon Sink--Climate Change, Land-Use, and Biodiversity: Economic Perspectives

International Conference Hall

Session Chair	Dr. Wan-Yu Liu	Department of Forestry, National Chung Hsing University
	Dr. Yowhan Son	Division of Environmental Science and Ecological Engineering, Korea University
	Dr. Ken-Ichi Akao	School of Social Sciences, Waseda University
(online)	Dr. Yazhen Gong	Renmin University of China
(online)	Dr. Ida Aju Pradnja Resosudarmo	Fenner School of Environment & Society, Australian National University

Sponsored Session

3-6 Agricultural Water Resources Management and Adaptation to Climate Change (A&A): Environmental Policies and Legislation

Chou Hwai Pwu Hall

Session Chair	Chung-Huang Huang	Department Economics, National Tsing Hua University
3-6-1	Refining Environmental Trust Legislation: An Analytical Amendment	
	Yu-Heng Lin	National Taiwan University Center for Weather and Climate Disaster Research
	Ya-Wen Chiueh	National Tsing Hua University

	Chung Han Yang	National Tsing Hua University	
Discussant	Soonyoung Kim	Seoul National University	
3-6-2	Testing efficiency of environmental grants of Korea		
	Sung Won Kang	Korea Environment Institute	
	Hyunsuk Kong	Korea Environment Institute	
Discussant	Chin-Rung Cheng	Institute of Law for Science and Technology at National Tsing Hua University	
3-6-3	The Impact of a Unilateral Environmental Policy on Growth in International Trade		
	Qijie Xu	Nagoya University	
	Minoru Nakada	Nagoya University	
Discussant	Chung Han Yang	Department of Environmental and Cultural Resources, National Tsing Hua University	
3-6-4	Classification of Income from Carbon Right Transactions and its Influence on the Application of Income Tax Treaties		
	Chin-Rung Cheng	Institute of Law for Science and Technology at National Tsing Hua University	
	Chien-Te Fan	Institute of Law for Science and Technology at National Tsing Hua University	
Discussant	Sung Won Kang	Korea Environment Institute	
3-6-5	What determines Happiness in a household? A sustainable cities and communities perspective (SDG11)		
	Soonyoung Kim	Seoul National University	
	Mirang Gang	Seoul National University	
	Jong-ho Hong	Seoul National University	
Discussant	Qijie Xu	Nagoya University	
12:00-12:40	Lunch Break		
12:40-13:40	BOD Meeting 2		Education Building
13:40-15:40	Parallel Session 4		Macronix Building
4-1 Household and Carbon Footprint			Classroom243
Session Chair	Eiji Sawada	Kyushu Sangyo University	
4-1-1	Environmental Conservation and Tourism in Rural Areas: A Case Study of Public Private Partnership in Miyama-cho, Nantan City, Kyoto, Japan		
	Muneto Kazaoka	Ryukoku University	
	Yoshinori Sumiya	Momoyama Gakuin University	
Discussant	Yen-Lien Kuo	Department of Economics, National Cheng Kung University	
4-1-2	Contributions of Surrounding Nature to Household Health Expenditure: Empirical Evidence from Japan		

	Kei Kabaya	Chuo University
Discussant	Eiji Sawada	Kyushu Sangyo University
4-1-3	Household Income and Carbon Footprint: Evidence from Taiwan	
	Yen-Lien Kuo	Department of Economics, National Cheng Kung University
	Ya-Ming Liu	Department of Economics, National Cheng Kung University
	Ching-Wen Yang	Department of Economics, National Cheng Kung University
Discussant	Muneto Kazaoka	Ryukoku University
4-1-4	Damage-based non-point source pollution policies with a relative evaluation of self-reporting	
	Eiji Sawada	Kyushu Sangyo University
	Takayoshi Shinkuma	Kansai University
	Akira Hibiki	Tohoku University
Reviewer	Kei Kabaya	Chuo University
4-1-5	The impact of natural disasters on household income vulnerability: Use the 921 Earthquake in Taiwan as a natural experiment	
	Fu-Min Tseng	National Chung Cheng University
Discussant	Yen-Lien Kuo	Department of Economics, National Cheng Kung University
4-2 Adaption and Economic Impact		Seminar room1
Session Chair	Nir Becker	Tel-Hai College
4-2-1	Productivity and Environmental Efficiency in the Power Generation Sector under the Emissions Trading Scheme	
	Minhye Oh	Department of Food and Resource Economics, Korea University
	Dong Hee Suh	Department of Food and Resource Economics, Korea University
Discussant	Nir Becker	Tel-Hai College
4-2-2	The Impacts of Differentiated Carbon Taxes on Carbon Emission and Economic Development: The Case of Taiwan	
	Wen-Hsiu Huang	Department of Public Finance, Feng Chia University
	Hung-Lin Yeh	Department of Public Finance, Feng Chia University
Discussant	Nir Becker	Tel-Hai College
4-2-3	Is aquaponics good for the environment? For the consumers? For the Producers? A road map to analyze sustainable food production and consumption.	
	Nir Becker	Tel-Hai College
Discussant	Kuo-Feng Wu	National Taipei University of Business
4-2-4	Evaluating the Impact of Educational Subsidies for Disadvantaged Students on Operational Efficiency in Taiwanese National Universities	
	Kuo-Feng Wu	National Taipei University of Business

	Jin-Li Hu	Institute of Business and Management, College of Management, National Yang Ming Chiao Tung University
Discussant	Wen-Hsiu Huang	Department of Public Finance, Feng Chia University
4-2-5	Environmental performance and capital markets: Evidence from India	
	Shreekant Gupta	LKY School of Public Policy, National University of Singapore
Discussant	Nir Becker	Tel-Hai College
4-3 Climate Resilience and governance		Seminar room2
Session Chair	Tsung-Yu Yang	Department of Fisheries Technology and Management, National Kaohsiung University of Science and Technology
4-3-1	Climate Change, Environment-Friendly Aquaculture and Strategic Aquaculture Plans: A Case Study of Taiwan's Clam Industry	
	Tsung-Yu Yang	Department of Fisheries Technology and Management, National Kaohsiung University of Science and Technology
	Ann-Chang Cheng	Department of Aquaculture, National Kaohsiung University of Science and Technology
	Hsiang-Chieh Chuang	Department of Aquaculture, National Kaohsiung University of Science and Technology
	Tien-Think Nguyen	Department of Fisheries Technology and Management, National Kaohsiung University of Science and Technology
Discussant	Hyuna Kim	The University of Seoul
4-3-2	Regional Disparity in Global Food Crisis from Asian Perspective	
	Kenichi Imai	Osaka University of Economics and Law
Discussant	Jinhee Han	Dept. of Public Administration, Ewha Womans University
4-3-3	Assessing Long-Term Indirect Flood Damages Across Industries in Korea	
	Hyuna Kim	Department of Smart Cities, University of Seoul
	Jonghyun Yoo	Department of Urban Planning and Design, University of Seoul
Discussant	Tsung-Yu Yang	Department of Fisheries Technology and Management, National Kaohsiung University of Science and Technology
4-3-4	The Role of Green Infrastructure in Enhancing Flood Resilience: A Spatial Perspective	
	Jinhee Han	Dept. of Public Administration, Ewha Womans University
	Yoomi Kim	Dept. of Public Administration, Ewha Womans University
Discussant	Kenichi Imai	Osaka University of Economics and Law
4-4 Hybrid E: Sustainable Practices and Environmental Monitoring		International Conference Hall
Session Chair	Liyun Zhang	University of Birmingham
4-4-1	Effects of social background on the results of randomized and controlled trials: A	

review of energy saving experiments

Kato Takaaki The University of Kitakyushu

Ushifusa Yoshiaki The University of Kitakyushu

Ishihara Takunori Kyoto University of Advanced Science

Discussant Xuan Ling Department of Economics, Yonsei Mirae

4-4-2 Non-Market Valuation of Eutrophication Improvement in the South Lake of Wuhan—A Benefit-Transfer Approach Based on Meta-Analysis

Jingna Zhang Division of Natural Resource Economics, Kyoto University

Discussant Shilei Zhou Graduate School of Economics, Kyushu University

4-4-3 Natural Disaster and Herders' Mental Health

Dongqing Li School of Economics and Management, Beijing Forestry University

Alec Zuo The University of Adelaide

Lingling Hou China Centre for Agricultural Policy, Peking University

Discussant Kato Takaaki The University of Kitakyushu

4-4-4 International Environmental Agreements with the Free Trade *Climate Club —Analysis Based on Repeated Games—

Shilei Zhou Graduate School of Economics, Kyushu University

Toshiyuki Fujita Faculty of Economics, Kyushu University

Discussant Jingna Zhang Division of Natural Resource Economics, Kyoto University

4-4-5 Empirical study on energy conservation behavior: the role of the Power-Saving Reward Program

Xinyue Yang Graduate School of Economics, Waseda University

Toshi H. Arimura Graduate School of Economics, Waseda University

Mariko Kiho Tokyo Electric Power Company Holdings

Yoshinobu Kawahara Tokyo Electric Power Company Holdings

Discussant Alec Zuo The University of Adelaide

4-4-6 Effect of offshore wind farm on fishery catches: evidence from Portugal

Xuan Ling Department of Economics, Yonsei Mirae

Javier Lopez Prol Department of Economics, Yonsei Mirae

Discussant Xinyue Yang Graduate School of Economics, Waseda University

4-5 Hybrid F: Behavior and Decision-Making

Education Building Classroom 102

[\(Click here for Online\)](#)

Session Chair Je-Liang Liou Chung-Hua Institution for Economic Research

4-5-1 An empirical analysis of optimal energy storage system capacity for Renewable Energy supply: a case study of the European Union

Kung-Mien Ma National Taipei University

Chien-Ming Lee National Taipei University

Discussant	Perna Thapliyal	Department of Humanities and Social Sciences, Indian Institute of Technology Roorkee
4-5-2	Who Is More Susceptible to Cumulative Heat Exposure? Evidence from Nationwide Exams in Japan	
	Mika Akesaka	Kobe University
	Hitoshi Shigeoka	The University of Tokyo, Simon Fraser University
Discussant	Chien-Ming Lee	National Taipei University
4-5-3	Emission-Adjusted Productivity and its determinants: Evidence from India	
	Perna Thapliyal	Department of Humanities and Social Sciences, Indian Institute of Technology Roorkee
	Rachita Gulati	Department of Humanities and Social Sciences, Indian Institute of Technology Roorkee
	D.K. Nauriyal	Department of Humanities and Social Sciences, Indian Institute of Technology Roorkee
Discussant	Mika Akesaka	Kobe University
4-5-4	Low-carbon lifestyle transformation in Thailand: current hotspots and alternatives	
	Pasicha Chaikaew	Department of Environmental Science, Faculty of Science, Chulalongkorn University
	Pongsun Bunditsakulchai	Faculty of Engineering, Chulalongkorn University
	Harin Sachdev	Faculty of Environment and Resource Studies, Mahidol University
	Chantana Udom	General Management Program, Faculty of Management Science, Pranakhon Rajabhat University
	Sittidaj Pongkijvorasin	Faculty of Economics, Chulalongkorn University
4-5-5	Urbanization and Air Pollution: Evidence from Administrative District Realignments in China	
	Zhenyu Yao	Faculty of Economics, Shenzhen MSU-BIT University
4-5-6	Macroeconomic impact of carbon neutrality through carbon market linkage between Korea, China and Japan	
	Sunhee SUK	Nagasaki University
	B. Kiss-Dorbronyi	World Bank
	Z. Chen	Graduate School of Fisheries and Environmental Sciences
	T. Morotomi	Kyoto University
Discussant	Je-Liang Liou	Chung-Hua Institution for Economic Research

Sponsored Session

4-6 ReTech Environmental Solutions x Water Resource Management and Industrial Ecology

Chou Hwai Pwu Hall

Session Chair	Wan-Yu Liu	Department of Forestry, National Chung Hsing University
4-7-1	Ecological Soil Practices in Taiwan's Tea Cultivation: Towards a Sustainable Agricultural Future	
	Wen-Hung Huang	National Taiwan University
	Cheng-Che Liu	Shin-Shen Sustainability Consulting Co. LTD
Discussant	Chih-Lin Liu	Department of Forestry, National Chung Hsing University
4-7-2	Wet Weather, Moody Minds: Exploring the Impact of Precipitation on Mental Health in Taiwan	
	Yi-Ning Fu	Department of Agricultural Economics, National Taiwan University
	Yau-Huo Shr	Department of Agricultural Economics, National Taiwan University
	Feng An Yang	Department of Agricultural Economics, National Taiwan University
Discussant	Jiwon Im	Graduate School of Environmental Studies, Seoul National University
4-7-3	Surface Ozone Concentration yet to Decrease but has Special Clean Air Act for Seoul Metropolitan Area Really Failed? - Applying A Machine Learning and Synthetic Control Approach -	
	◦ Yoojung Jang	Graduate School of Environmental Studies, Seoul National University
	Soon Young Kim	Graduate School of Environmental Studies, Seoul National University
	Jiwon Im	Graduate School of Environmental Studies, Seoul National University
	Jongho Hong	Graduate School of Environmental Studies, Seoul National University
Discussant	Cheng-Che Liu	Shin-Shen Sustainability Consulting Co. LTD
4-7-4	Assessing the Non-Market Benefits of Urban Trees in Taoyuan City of Taiwan	
	Chih-Lin Liu	Department of Forestry, National Chung Hsing University
	Wan-Yu Liu	Department of Forestry, National Chung Hsing University
Discussant	Yi-Ning Fu	Department of Agricultural Economics, National Taiwan University
4-7-5	Environmental Protection Tax and Labor Market	
	Juin-Jen Chang	Academia Sinica
	Jhy-Yuan Shieh	Soochow University
	Jhy-Hwa Chen	Tamkang University
	Meng-Ting Chen	Soochow University
	Jiakai Zhang	Department of Computer Science and Engineering, New Mexico Institute of Mining and Technology
Discussant	Wan-Yu Liu	Department of Forestry, National Chung Hsing University
15:40-16:00	Break	
16:00-18:00	Parallel Session 5	Macronix Building
5-1	Thematic Session: Decarbonization policy design and cooperation between ASEAN and Japan toward AZEC (Asia Zero Emission Community)	Chou Hwai Pwu Hall
Organizer	Shinya Kato	Yamaguchi University

Session Chair	Shinya Kato	Yamaguchi University
Discussant	Kiyoshi Fujikawa	Faculty of Economics, Aichi Gakuin University
5-1-1	Decarbonising the power sector toward carbon neutrality in the ASEAN countries	
	Pim Vercoulen	Cambridge Econometrics & University of Exeter
	Shinya Kato	Faculty of Economics, Yamaguchi University
	Jeongwon Kim	Energy Studies Institute, National University of Singapore
	Yongsung Cho	Department of Food and Resource Economics, Korea University
	Xu Han	Graduate School of Economics, Kyoto University
	Soocheol Lee	Faculty of Economics, Meijo University
Discussant	Kiyoshi Fujikawa	Faculty of Economics, Aichi Gakuin University

5-1-2	Collaborating Carbon Neutrality Efforts in ASEAN and Japan: A Feasibility Analysis of an ASEAN-Japan Joint Carbon Market and a Closer Look at the Asia Zero Emission Community (AZEC) Initiative	
	Unnada Chewprecha	World Bank
	◦ Shinya Kato	Faculty of Economics, Yamaguchi University
	Hector Pollitt	World Bank
	Jeongwon Kim	Energy Studies Institute, National University of Singapore
	Soocheol Lee	Faculty of Economics, Meijo University
Discussant	Kiyoshi Fujikawa	Faculty of Economics, Aichi Gakuin University

5-1-3	Decarbonization effects of technology transfer from Japan to ASEAN member countries	
	Shinya Kato	Yamaguchi University
	◦ Tsutomu Yoshioka	Toyo University
	Xu Han	Kyoto University
Discussant	Kiyoshi Fujikawa	Faculty of Economics, Aichi Gakuin University

5-2 Sustainable Cities	Classroom243
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Session Chair	Tsung-Yu Yang	Department of Fisheries Technology and Management, National Kaohsiung University of Science and Technology
5-2-1	Implementing Seoul's Greenhouse Gas Management in Buildings: Insights from the ICE model	
	In Chang Hwang	The Seoul Institute
	Yoon-hye Yi	The Seoul Institute
	Hyun-jung Lee	The Seoul Institute
	Jong-rak Baek	The Seoul Institute
Discussant	Park, Inseok	Department of Economics, University of Seoul

5-2-2	Citizens' Preferences for Small Urban Green Infrastructure and Social Desirability Bias in Shenzhen, China	
	Yang Wang	Graduate School of Economics, Shiga University

	Katsuya Tanaka	Economics/Research Center for Sustainability and Environment, Shiga University
Discussant	Chang Lu	Graduate School of Economics, Shiga University
5-2-3	Exploring the Drivers of Citizen Participation in Green Infrastructure Maintenance: An Empirical Analysis for Portland	
	◦ Chang Lu	Graduate School of Economics, Shiga University
	Katsuya Tanaka	Faculty of Economics/Research Center for Sustainability and Environment, Shiga University
	Nicholas Mc Cullar	Bureau of Environmental Services, The City of Portland
	Nishant Parulekar	Bureau of Environmental Services, The City of Portland
Discussant	Yang Wang	Graduate School of Economics, Shiga University
5-2-4	An analysis of the impacts of earthquake on the housing and rental market	
	Park, Inseok	Department of Economics, University of Seoul
	Yi, Donggyu	Department of Economics, University of Seoul
Discussant	In Chang Hwang	The Seoul Institute
5-2-5	Optimizing the Deployment of Electric Vehicle Charging Infrastructure in China with Real Charging Data	
	Jiayi Lu	School of Government, Peking University
	Lun Liu	School of Government, Peking University
Discussant	Tsung-Yu Yang	Department of Fisheries Technology and Management, National Kaohsiung University of Science and Technology

5-3 Hybrid G: Ecotourism and Conservation value International Conference Hall

Session Chair	Yu Lin	China Agricultural University
5-3-1	Electricity productivity loss due to coal-electricity price decoupling: Evidence from Chinese thermal power industry	
	Xinghao Li	Research Institute for Digital Economy and Interdisciplinary Sciences.
	Chin-Hsien Yu	Southwestern University of Finance and Economics
	Jinsong Zhao	Southwestern University of Finance and Economics
	Wen-Chieh Lee	National Chengchi University
Discussant	Liyun Zhang	University of Birmingham
5-3-2	Unintended Effects: Evidence from China's Central Environmental Monitoring Program	
	Robert J.R. Elliott	University of Birmingham
	Michael Henry	University of Birmingham
	Qinqin Xiong	University of Birmingham
	Liyun Zhang	University of Birmingham

Discussant	Yu Lin	China Agricultural University
5-3-3	Distributional impacts of green energy expansion: Evidence from residential solar power projects of China	
	Jing Cao	Tsinghua University
	◦ Yu Lin	China Agricultural University
	Rong Ma	China Agricultural University
	Zhufeng Xu	Central University of Finance and Economics
Discussant	Chin-Hsien Yu	Southwestern University of Finance and Economics
5-4 Sustainable tourism and environmental practice		Classroom253
Session Chair	Chih-Liang Chao	National Tsing Hua University
5-4-1	Forest Recreation and Perceptions of COVID-19: Advancing Sustainable Tourism During Health Crises	
	Yung-Chih Chen	Department of Forestry, National Chung Hsing University
	Wan-Yu Liu	Department of Forestry, National Chung Hsing University
Discussant	Sugyeong Lee	Seoul National University
5-4-2	Motivations, Context, Barriers: A Qualitative Inquiry into the Behavior of Taiwan Tea Farmers Practicing Sustainable Tea Farming	
	Rachel S. K. Lee	Department of Forestry, National Chung Hsing University
	W. Y. Liu	Department of Forestry, National Chung Hsing University
Discussant	Yoshinori Sumiya	Momoyama Gakuin University
5-4-3	Economic Impact Analysis of Eco-Tourism and Conservation of the Natural Environment in Miyama-cho, Nantan City, Kyoto, Japan	
	◦ Yoshinori Sumiya	Momoyama Gakuin University
	Muneto Kazaoka	Ryukoku University
Discussant	Rachel S. K. Lee	Department of Forestry, National Chung Hsing University
5-4-4	Understanding the economic value of marine biodiversity: A systematic review and meta-analysis	
	Keewon Kim	Seoul National University
	Sugyeong Lee	Seoul National University
	Jongho Hong	Department of Environmental Planning, Graduate School of Environmental Studies, Seoul National University
Discussant	Yung-Chih Chen	Department of Forestry, National Chung Hsing University
5-4-5	The Impact of Renewable Portfolio Standard (RPS) on Renewable Energy Certificate Transactions: An Empirical Study in Taiwan	
	◦ Yessica C.Y. Chung	National Pingtung University of Science and Technology
Discussant	Chih-Liang Chao	National Tsing Hua University
5-5 Balancing Environmental Regulation, Public Health, and Sustainable Development: Insights from Global Case Studies		Education Building Classroom 102

Session Chair	Hsuan-Yu Chang	Chung-Hua Institution for Economic Research
5-5-1	Trading Volume-based Banking Regulation in Cap-and-Trade Programs	
	Jongmin Yu	Hongik University
5-5-2	Spatial disparities in EV diffusion and charging infrastructure in China	
	Aileen Lam	World Bank
	Lun Liu	Peking University
5-5-3	Estimating Tourists' Willingness to Pay for Beach Improvements Towards Sustainable Development in Terengganu, Malaysia	
	Mahirah Kamaludin	Universiti Malaysia Terengganu
	Roseliza Mat Alipiah	Universiti Malaysia Terengganu
5-5-4	The Impact of Local Government's Budget on Climate Change Awareness	
	Mi Rang Gang	Seoul National University
18:10-18:30	Closing Remarks	International Conference Hall