

## Conference Schedule

### Day 1 / August 26, 2025

TIME	SESSION	VENUE
08:30-08:55	<b>Registration</b>	Report Hall 1, Yifu Building
09:00-09:30	Opening Remarks & Ceremony	Report Hall 1, Yifu Building
09:30-11:30	Keynote Speech	Report Hall 1, Yifu Building
11:30-13:30	Lunch Break	New Pattern
13:00-13:30	General Assembly	Lide Building, Room 403
13:30-15:30	<b>Parallel Session A</b>	
	• Biodiversity and ecosystem management	Lide Building, Room 301
	• Pollution	Lide Building, Room 302
	• Climate change	Lide Building, Room 303
	• Environmental policy	Lide Building, Room 304
	• Sustainable development	Lide Building, Room 305
15:30-17:30	<b>Parallel Session B</b>	
	• Environmental governance	Lide Building, Room 301
	• Pollution	Lide Building, Room 302
	• Climate change	Lide Building, Room 303
	• Environmental policy	Lide Building, Room 304
	• Non-market valuation	Lide Building, Room 305
15:30-17:00	<b>Thematic Session B</b>	
	• Integrating Electric Vehicles and Energy-Saving Strategies for a Low-Carbon Society	Lide Building, Room 410

### Day 2 / August 27, 2025

TIME	SESSION	VENUE
09:00-12:00	<b>Parallel Session C</b>	
	• Energy	Lide Building, Room 301
	• Climate change	Lide Building, Room 302
	• Disasters and resilience	Lide Building, Room 303
	• Natural resource management	Lide Building, Room 304
09:00-12:00	<b>Thematic Session C</b>	
09:00-10:30	• ASEAN-Japan Cooperation on Decarbonization Policy Design	Lide Building, Room 407
09:00-12:00	• Multilateral Frameworks for Nuclear Safety Collaboration in East Asia (1 & 2)	Lide Building, Room 410
12:00-14:00	Lunch Break	New Pattern
	BOD Meeting	Lide Building, Room 403
14:00-16:00	<b>Parallel Session D</b>	
	• Energy	Lide Building, Room 301
	• Climate change	Lide Building, Room 302
14:30-17:00	<b>Policy roundtable</b>	Report Hall 1, Yifu Hall
14:00-17:00	Waseda Side Event	Online
16:00-17:00	Poster Session	Lide Building, Room 309
17:10-17:30	Closing Remarks	Report Hall 1, Yifu Hall

# Map



## Most current version

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This version is last updated: 8/22/2025 7:50 PM

# Conference Program

Day 1 / August 26, 2025

## 08:30-08:55 Registration

Sign up and obtain your conference package

## 09:00-09:30 Opening Remarks & Ceremony

### Venue: Report Hall 1, Yifu Building

- **Moderator:** Yazhen Gong (Renmin University of China) - Vice President of AAERE & Vice-chair of LOC
- **Address from organizers:**
  - Kenichi Akao (Waseda University) - President of AAERE
  - Ke Wang (Renmin University of China) - Chair of the LOC
- **AAERE Fellow Award**
- **Group photo**

## 09:30-11:30 Keynote Speech

### Venue: Report Hall 1, Yifu Building

- **Ambient Air Pollution, Pollution Exposure, and Inattention**
  - Jinhua Zhao (Cornell University) (online)
- **Environmental Economic Analysis into Policy-Making for Sustainable Air Quality Management: Case Studies from the People's Republic of China**
  - Shiqiu Zhang (Peking University)
- **Development of Environmental Economic Policies in China: Analysis Based on Five-year Plans**
  - Chazhong Ge (Chinese Academy for Environmental Planning, Ministry of Ecology and Environment)

## 11:30-13:30 Lunch Break & General Assembly

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### Parallel Session Format:

- **20-minute presentation, 5-minute discussion.**
- **The first presenter shall serve as the Session Chair.**
- **Each presenter will serve as the discussant for the preceding presentation. The first presenter will discuss the final paper.**
- **The online presentations will be conducted using Tencent Meeting (known as VooV internationally).**

## 13:30-15:30 Parallel Session A

### Biodiversity and ecosystem management

#### Venue: Lide Building, Room 301

- **The Unintended Economic Consequences of Ecological Restoration: Evidence from China's Yangtze River Fishing Moratorium**

- Chuanyu Zhou (Renmin University of China)
- **The Impact of the Nagoya Protocol on International Aid for Biodiversity: A Causal Analysis Using Difference-in-Differences**
  - Jinhee Han (Ewha Womans University)
- **Can Smart Monitoring in National Parks Mitigate Human-Wildlife Conflict?—A Case Study of Northeast China Tiger and Leopard National Park**
  - Zongqi Zhang (Renmin University of China)
- **Forests restoration and household welfare: Evidence from South Asia**
  - Mani Kumar Nepal (International Center for Integrated Mountain Development)

## **Pollution**

**Venue: Lide Building, Room 302**

- **Estimating the Impact of PM2.5 on Solar Power with Machine Learning: Evidence from South Korea**
  - Moon Joon Kim (George Mason University Korea)
- **How Political Corruption Fuels Pollution: The Mediating Role of Industrial Structure**
  - Qiao Liang (The University of Tokyo)
- **Beyond Direct Harm: Air Pollution and Maladaptive Coping to Pollution-Induced Distress**
  - Zixi Wang (Zhongnan University of Economics and Law)
- **Preferences for Reducing Air Pollution Health Risks Increase after Substantial Air Quality Improvement**
  - Yanying Wang (Peking University)

## **Climate change**

**Venue: Lide Building, Room 303**

- **Climate change-induced extreme heat is creating rural solar prosumers without subsidies**
  - Shunlin Jin (Peking University)
- **Drought and migration: Evidence from the Kyrgyz Republic**
  - Dina Azhgaliyeva (Asian Development Bank) [online]
- **The Economic Impact of Extreme Weather in Japan: GDP Deflator, and CPI**
  - Jianrui Kang (Keio University)
- **The Impact of the EU CBAM on Thai Exporting Firms: Analysis of Firm-level Data**
  - Kannika Thampanishvong (Puey Ungphakorn Institute for Economic Research) [online]

## **Environmental policy**

**Venue: Lide Building, Room 304**

- **Environmental regulations, external attention and corporate green innovation: Double difference**

## **verification based on the implementation of the New Environmental Protection Law**

- Siqi Wang (Renmin University of China)
- **Can R&D and Abatement Cooperation Achieve Efficiency in the Long Term?**
  - Shilei Zhou (Kyushu University) [online]
- **Employment Effects of Environmental Regulations: Evidence from the Clean Water Act**
  - Jianwei Ai (Cornell University)
- **Youth Perspectives on Economic instruments for climate policy in Japan and Vietnam: A Cross-National Comparison**
  - Anh Thu Mai (The University of Kitakyushu)

## **Sustainable development**

### **Venue: Lide Building, Room 305**

- **Local governments' support for the electric vehicle industry: A literature review with a proposal for the integrated PDP–SNM framework**
    - Min Liu (Kyoto University)
  - **Artificial Intelligence and Corporate ESG Performance: Pathways to Achieving the Sustainable Development Goals in China**
    - Nantong Peng (Wuhan Institute of Technology) [online]
  - **Shaping sustainable consumption practices: changing consumers' habits through lifestyle changes and Extended Producer Responsibility schemes**
    - Darius Corbier (Fondazione CMCC – Centro Euro-Mediterraneo sui Cambiamenti Climatici)
  - **Determinants of Environmentally Friendly Rice Purchasing Behavior among Beijing Residents**
    - Shengyi Du (Shiga University)
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### **15:30-17:30 Parallel Session B & Thematic Session B**

## **Environmental governance**

### **Venue: Lide Building, Room 301**

- **Managing a Scarce Common Good: Student Preferences for Public Access to an Iconic University Campus**
  - Hengxing Yin (Peking University)
- **Greening the Frontier? Does supply chain digitalization drive green breakthrough innovation?**
  - Jingxuan Han (China University of Geosciences)
- **Aligning Goals: The Environmental and Economic Impacts of China's Central Environmental Inspections Amid Central-Local Incentive Gaps**
  - Yuqi Song (The Hong Kong University of Science and Technology (Guangzhou)) [online]

- **Effect of Environmental Regulations and Governance Quality on International Public Green Financing Flows: Evidence from Developing Countries**
  - Mingjian Chen (the University of Tokyo)

## **Pollution**

**Venue: Lide Building, Room 302**

- **The Clean House Collection System Improves the Performance of Waste Management in an Isolated Region**
  - Dongsoon Lim (Dongueui University)
- **Water Vulnerability in Dhaka, Narayanganj and Gazipur Districts: A Case of Textile Dye Production**
  - Kamille Rasmussen (United Nations University Institute for the Advanced Study of Sustainability (UNU-IAS))
- **The influence of risk perception, efficacy, and perceived policy effectiveness on intentions to reduce microplastic emissions**
  - Mihyeon Yu (Ewha Womans University)
- **Does PM2.5 Pollution Increase Electric Vehicle Share? Evidence from South Korea**
  - Sorin Ahn (Seoul National University)

## **Climate change**

**Venue: Lide Building, Room 303**

- **Cost-Effectiveness Analysis of Electrifying Freight Transport: A Case Study of Hainan Province, China**
  - Dan Wu (Hainan University)
- **Climate change and water conservation practices: Investigating the adoption decision in north China**
  - Siqi Huang (The University of Adelaide)
- **Asymmetric Emission Targets and Low-Carbon Transformation: CGE Insights into Northeast Asia's Decarbonization Pathways**
  - Jintae Kim (Seoul National University)
- **Food Security, and Recovery from Learning Loss: Evidence from Developing Asia**
  - Dina Azhgaliyeva (Asian Development Bank) [online]

## **Environmental policy**

**Venue: Lide Building, Room 304**

- **Market Responses to Japan's Government-Issued Climate Transition Bonds: Implications for Carbon-Intensive Industries**
  - Zhiying Zhao (University of Tokyo)
- **Developing a Carbon Pricing Mechanism for Forest Conservation in Malaysia**
  - Fazilah Binti Musa (Universiti Malaya)

- **Distributional Effects of Carbon Pricing in China: Insights from the Electricity Sector**
  - Chunhui Liu (Nagasaki University)
- **Analyzing the Impact of Carbon Pricing on National Production-Environmental Efficiency**
  - Yookyung Yang (Korea Environment Institute / Seoul National University)

## **Non-market valuation**

**Venue: Lide Building, Room 305**

- **Assessing the Economic Value of Wetland Enhancement: An Application of the Hedonic Pricing Method**
  - Yi Huang (Renmin University of China)
- **From Constructed Preferences to Rational Adaptation: A Bayesian Meta-Analysis of Attribute Framing in China's Water Quality Valuations**
  - Jingna Zhang (Kyoto University)
- **Sustainable Development of Eco-friendly animal husbandry in the Three-River Headwaters Area of the Tibetan Plateau in the Qinghai Province, China**
  - Wutai Xia (Qinghai Minzu University)
- **A Unified Framework for Estimating Willingness to Pay Using Factorial Survey Experiments**
  - Katsuya Tanaka (Shiga University)

## **Thematic Session: Integrating Electric Vehicles and Energy-Saving Strategies for a**

### **Low-Carbon Society**

**Venue: Lide Building, Room 410**

- **Session Chair:**
    - Jiaxing Wang (Sapporo Gakuin University)
  - **Presentations:**
    - **Policies on the Introduction and Utilization of EVs and Related Power Systems in Japan**
      - Jingfei Che (Otemon Gakuin University)
    - **Factors Influencing Investment in Energy Generation and Storage Systems in Japan: A Discussion on the Design of a Choice Experiment**
      - Yanmin He (Otemon Gakuin University)
    - **Do EV users behave more energy-efficiently than non-EV users?**
      - Jiaxing Wang (Sapporo Gakuin University)
  - **Discussants:**
    - Wendan Zhang (Renmin University of China)
    - Sunhee Suk (Nagasaki University)
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**09:00-12:00 Parallel Session C & Thematic Session C**

**Energy**

**Venue: Lide Building, Room 301**

- **Does Artificial Intelligence Energy Management System Reduce Electricity Consumption in Japan's Retail Sector**
  - Guanyu Lu (Waseda University)
- **The Impact of Renewable Energy on Economic Growth: Evidence from OECD Countries**
  - Suyi Kim (Hongik University)
- **National Allocation of Carbon Dioxide Emissions from International Shipping**
  - Nobuhiro Sawamura (Kyoto University)
- **Towards Inclusive Energy Transition in Indonesia: Simulating the Impact of Energy Sector Decarbonization on the Welfare of Vulnerable Groups**
  - Milda Irhamni (University of Indonesia)
- **House Insulation: Needs and Willingness in Central Asia**
  - Dina Azhgaliyeva (Asian Development Bank) [online]
- **Ideal and Reality: Dual effects of dual-credit policy on the green technology innovation of new energy automobile enterprises — based on the perspective of industrial chain**
  - Yuan Li (South China University of Technology) [online]

**Climate change**

**Venue: Lide Building, Room 302**

- **Comprehensive national accounting for carbon emissions under polluter-pays principle**
  - Rintaro Yamaguchi (National Institute for Environmental Studies)
- **Climate change: mitigation, adaptation, and impact**
  - Meizi Li (Sophia University)
- **Analyzing Spatial Variation in Citizen Preferences for Green Infrastructure in Sapporo**
  - Yang Wang (Shiga University)
- **Which Fossil Fuels Do Renewables Replace? Evidence from High-Frequency Power Generation Data in Japan**
  - Kota Sugimoto (Yokohama National University)
- **The effect of crop and income diversification on a negative shock of drought in Ethiopia**
  - Shun Chonabayashi (Soka University)



- **The Effect of Momentary Thermal Experience on Public Attitudes Toward Urban Cooling Strategies**
  - Yu Zhang (Kobe University)

## **Disasters and resilience**

**Venue: Lide Building, Room 303**

- **Quantifying the impact of droughts on children's testing scores in Australia**
  - Alec Zuo (Flinders University)
- **Do Residents in High-Risk Areas Prepare More for Disasters? Evidence from a Nationwide Survey in Japan**
  - Nansen Li (Shiga University)
- **Do the Coping Strategies of Poor Farming Households in Nigeria in Response to Floods and Droughts Enhance Economic Resilience?**
  - Shun Chonabayashi (Soka University)
- **The Effect of Wildfire Exposure on Energy Poverty: Evidence from Australia's Black Saturday Bushfires**
  - Yitian Wang (Monash University) [online]
- **Construction of Climate Investment and Finance System and Corporate Climate-friendly Investment**
  - Chengxi Lu (Zhongnan University of Economics and Law) [online]
- **Do Industrial Plants Actively Respond to Short-Term Regulations? Evidence from China's Air Quality Alerts System**
  - Ce Jia (Hohai University)

## **Natural resource management**

**Venue: Lide Building, Room 304**

- **The Ecological Impact of High-speed Railway in China**
  - Zihan Yang (Renmin University of China)
- **DCE tree contract farming in Vietnam**
  - Hoang Huu Dinh (Ton Duc Thang University)
- **The Impact of Water Resource Endowment on Agricultural Production Equity**
  - Zexin Dou (Renmin University of China)
- **State Capacity Under Fire: Domestic Conflicts and Foreign Resource Capture Post-WWII**
  - Shiyu Zhang (Renmin University of China)
- **Is it a curse or blessing to have a resource-rich neighbour? the case of gas extraction in Indonesia**
  - Budy Prasetyo Resosudarmo (Australian National University)
- **Nudge Effects on Preferences for Bio-Based Plastic Packaging: A Comparative Analysis between Japan and China**

- Yecheng Xia (Sophia University)

## **Thematic Session: ASEAN-Japan Cooperation on Decarbonization Policy Design**

**Venue: Lide Building, Room 407**

- **Session Chair:** Shinya Kato (Meijo University)
- **Presentations:**
  - **CGE Analysis of the Joint Carbon Market in ASEAN and Japan**
    - Shinya Kato (Meijo University)
  - **Estimating the Total Carbon Price in the Six Largest Emitting ASEAN Countries: Indonesia, Thailand, Malaysia, Vietnam, Philippines and Singapore**
    - Unnada Chewpreecha (World Bank) [online]
  - **Funding and financial support towards the Asian Zero-Emission Community: A Simulation with E3ME-FTT: Steel**
    - Xu Han (Kyoto University)
- **Discussants:**
  - Fusanori Iwasaki (ERIA) [online]
  - Souknilanh Keola (ERIA) [online]

## **Thematic Session: Multilateral Frameworks for Nuclear Safety Collaboration in East Asia (1 & 2)**

**Venue: Lide Building, Room 410**

- **Part 1 Chair:** Yanmin He (Otemon Gakuin University)
- **Part 1 Presentations:**
  - **Analysis of the Harmonization Process and Achievements of Nuclear Power Safety Regulatory Levels in WENRA**
    - Di Zhao (Tianjin University of Commerce)
  - **Development and Evolution of the Periodic Safety Review (PSR) System in East Asia**
    - Sungin Na (Hiroshima Shudo University)
  - **Challenges and Strategies for the Adoption of WANO Best Practices and Harmonization of Safety Standards in Nuclear Power Plants in Japan, China, and South Korea**
    - Zhenkun Luo (Ritsumeikan University)
- **Part 1 Discussant:**
  - Kaijie Wu (Peking University)
- **Part 2 Chair:** Kenichi Oshima (Ryukoku University)
- **Part 2 Presentations:**

- **Crisis-Responsive Network Governance in European Nuclear Safety: Examining the Coordination Framework of WENRA and HERCA**
  - Hyelim You (Nagoya University of Commerce & Business)
- **Analyzing the Coordination Mechanisms among Japan, China, and South Korea Regarding the Disposal of ALPS-Treated Water from Fukushima Daiichi Nuclear Power Plant**
  - Kenichi Oshima (Ryukoku University)
- **The Role of Multilateral Nuclear Safety Frameworks in East Asia and the Development of Regional Nuclear Safety Governance**
  - Soochaeol Lee (Meijo University)
- **Part 2 Discussant:**
  - Kaijie Wu (Peking University)

### **12:00-14:00 Lunch & BOD Meeting**

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### **14:00-16:00 Parallel Session D**

#### **Energy**

##### **Venue: Lide Building, Room 301**

- **The Rationale in Deploying Electric Buses: Empirical Evidence and Policy Implications**
  - Hyungna Oh (Kyung Hee University)
- **Energy transition and its ripple effect: How renewable energy shapes energy security risks in the EU**
  - Sulaman Muhammad (Brandenburg University of Technology) [online]
- **Private Car Users' Willingness to Shift to Public Transportation and Its Influencing Factors in the Yangtze River Delta**
  - Xiaohui Ye (Kobe University)

#### **Climate change**

##### **Venue: Lide Building, Room 302**

- **The Economic impact of carbon tax using a multi-regional computable general equilibrium (CGE) model – A case of Korea**
  - Haein Lee (Seoul National University)
- **Heat Adaptation In Central Asia: Household Cooling Choices**
  - Dina Azhgaliyeva (Asian Development Bank) [online]
- **An Analysis of the Economic Impact of the Auctioning Ratio in Emissions Trading Schemes — Focusing on Differential Effects by Labor Market Specification**
  - Inha Oh (Konkuk University)
- **E-Rating and Corporate Carbon Emission Efficiency: China's A-Share listed firms Case Study**

- Junxiang Zhao (Macau University of Science and Technology)
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### 14:30-17:00 Policy roundtable

## Policy roundtable

### Bridging science, economics, and governance for innovative solutions

#### Venue: Report Hall 1, Yifu Hall

- **Moderator:** Xiaojia He (Renmin University of China)
  - **Keynote Presentations**
    - Technological Development Roadmap for Carbon Neutrality in China
      - Xian Zhang (The Administrative Center for China's Agenda 21)
    - Research on Key Technologies for Energy-Meteorology Coupling to Support New-Type Power Systems
      - Tong Jiang (Nanjing University of Information Science & Technology)
  - **Roundtable Discussion**
    - Pingjian Yang (Chinese Research Academy of Environmental Sciences)
    - Xiu Yang (Tsinghua University)
    - Yang Ou (Peking University)
    - Xiang Chen (China Three Gorges Corporation)
    - Xing Chen (Global Energy Interconnection Group Co., Ltd)
    - Xunzhang Pan (Renmin University of China)
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### 14:00-17:00 Waseda Side Event

#### Venue: Lide Building, Room 403、407 & Online

<https://list-waseda-jp.zoom.us/j/95949103735?pwd=hfzcy1Pb1cPbKJsSv7xupIycNqZjiZ.1>

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### 16:00-17:00 Poster Session

#### Venue: Lide Building, Room 309

- **Sectoral Analysis of Carbon Outsourcing Structures in Global Trade: Implications for Carbon Leakage**
  - Hanul Jung (Korea Environment Institute (KEI))
- **Evaluating the Feasibility of a Net-Zero Electricity System through Soft-Linking of Capacity Expansion Planning (CEP) and Production Cost Modeling**
  - Hyungsik Choi (Korea Environment Institute (KEI))
- **Understanding the preferences of prospective ride-hailing drivers: The case of Japan**
  - Takako Tomita (Kansai University)

- **Robust conservation prioritization under climate change for alpine vegetations in Daisetsuzan National Park using portfolio theory**
    - Payal Shah (Okinawa Institute of Science and Technology Graduate University)
  - **Estimating the Economic Effects of the 2017 Floods in Nepal**
    - Shun Chonabayashi (Soka University)
  - **Mitigating the use of disposable cutlery with bring-your-own-cutlery discounts**
    - Kimihiro Horinouchi, Sachie Iijima (Soka University)
  - **The impact of transparent trash bins on students' waste sorting behavior**
    - Sayuka Suzuki, Nobuaki Ito, Masanori Inada (Soka University)
  - **An Analysis of Factors Influencing the Goal Attainment of PES Contracts in Korea**
    - Kayeon Nam (Ewha Womans University)
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### **17:10-17:30 Closing Remarks**

#### **Venue: Report Hall 1, Yifu Hall**

- **Moderator:** Yazhen Gong (Renmin University of China) - Vice President of AAERE & Vice-chair of LOC
  - **Best Poster Award**
  - **Closing Remarks**
    - **Speaker:**
      - Kenichi Akao (Waseda University) - President of AAERE
      - Jun Pang (Renmin University of China) - Dean, School of Ecology and Environment
-