

The 8th International Conference on Economic Structures (ICES2024)

PROGRAM OVERVIEW

Day 1 – Saturday, March 16, 2024

		Venue A B101	Venue B B502	Venue C B503	Venue D B504	Venue E B505
Opening	9:30 – 10:00	Opening Session Presidential Address	–	–	–	–
Session 1	10:00 – 12:00	–	Int'l Economy & Int'l Development 1 (4)	KIET & Korean economy (4)	Environment, Resource & Energy 1 (4)	Regional I-O Analysis 1 (4)
–	12:00 – 13:00	Lunch				
Session 2	13:00 – 14:30	–	Int'l Economy & Int'l Development 2 (3)	Bank of Korea (3)	Environment, Resource & Energy 2 (3)	Productivity & Growth 1 (3)
–	14:30 – 15:00	Coffee Break				
Session 3	15:00 – 16:30	–	Special Session 1 (3)	Macroeconomic Modelling & CGE (3)	Environment, Resource & Energy 3(3)	Productivity & Growth 2 (3)
–	16:30 – 17:00	Coffee Break				
Keynote	17:00 – 18:00	Keynote Speech	–	–	–	–
–	18:30 – 20:30	Social Gathering				

* The number in parentheses indicates the number of presentations.

収容定員：B101 -> 287 人

B502-B505 -> 60 人

Day 2 – Sunday, March 17, 2024

		Venue A B101	Venue B B502	Venue C B503	Venue D B504	Venue E B505
Session 4	10:00 – 12:00	–	Int'l Economy & Int'l Development 3 (4)	Disaster & COVID-19 (4)	I–O Theory & Techniques (4)	Regional I–O Analysis 1 (4)
–	12:00 – 13:00	Lunch				
Session 5	13:00 – 14:30	–	Special Session 2 (3)	–	Environment, Resource & Energy 4 (3)	Finance (3)
–	14:30 – 15:00	Coffee Break				
Session 6	15:00 – 16:30	–	Special Session 3 (3)	–	Environment, Resource & Energy 5 (3)	–

* The number in parentheses indicates the number of presentations.

Opening Session

Sat, March 16, 9:30 – 10:00 Venue A (B101)

The present situation of Leontief library

Mikio Suga, President of Pan Pacific Association of Input-Output Studies, Hosei University

Session 1. International Economy and International Development

Sat, March 16, 10:00 – 12:00 Venue B (B502)

CHAIR: Kwangmoon Kim, Kochi University of Technology

1. Exploring the role of informal sector in the poverty issues through estimating an input-output table considering the informal sector

Haruka Mitoma, Kyushu University

2. Do Non-Monetary Forms of Remittances Matter for Entrepreneurship Development? Evidence from Filipino Migrants in Japan

Mishael Joy Barrera, Ritsumeikan University

3. Do international remittances facilitate formal insurance uptake in developing countries? An empirical assessment using a dynamic model approach

Usman Alhassan, Ritsumeikan University

4. Impact analysis of remittances sent by overseas Filipino workers on Philippine economy based on endogenous consumption type IO multipliers

Kwangmoon Kim, Kochi University of Technology

Session 1. KIET (Korea Institute for Industrial Economics and Trade) and Korean economy

Sat, March 16, 10:00 – 12:00 Venue C (B503)

CHAIR:

1. The effect of forward and backward GVC participation on economic growth and carbon emissions: Panel VAR analysis using ICIO

Jeonghyun Kim, KIET

2. Analysis of the economic ripple effects on the smart factory construction project

Youngho Lee, KIET

Hyunji Bing, KIET

3. The impact of environmental TBT and product-specific technical levels in on Korean manufacturers

Sun Kyung Huh, Korea University

4. Analysis of the South Korean solar salt market: Asymmetric stock investment dynamics using threshold vector error correction model

Sujin Oh, Korea University

Session 1. Environment, Resource and Energy

Sat, March 16, 10:00 – 12:00 Venue D (B504)

CHAIR: Yasushi Kondo, Waseda University

1. Impact of global supply chain restructuring on CO2 emissions from international shipping
Shoda Tomomi, Kyushu University
2. Responsibility of Japanese economy for the impacts on aquatic ecosystems arising from induced water consumption in global supply chains
Masaharu Motoshita, National Institute of Advanced Industrial Science and Technology
3. Global supply chain restructuring towards achieving a low-carbon procurement of mineral resources
Keitaro Maeno, Kyushu University
4. Material footprint of sector groups based on input-output analysis
Yasushi Kondo, Waseda University

Session 1. Regional Input–Output Analysis

Sat, March 16, 10:00 – 12:00 Venue E (B505)

CHAIR:

Regional Input-Output Analysis 1:

1. Key sector identification of Nepal: An integrated approach with linkage and hypothetical extraction method
Lila Ballav Bhusal, Yokohama National University
 2. Impact of remittances on rural household welfare and economic growth in Vietnam
Thanh Pham, Ton Duc Thang University
 3. Decomposition of value added in Bangladesh's gross exports to India: A bilateral and sectoral perspective
Rahman Mohammad Sayedur, Ritsumeikan University
 4. Wealth accumulation and structural change of the agricultural sector in Myanmar in relation to international food market
Shuning Chen, Kyushu University
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Session 2. International Economy and International Development

Sat, March 16, 13:00 – 14:30 Venue B (B502)

CHAIR:

1. The economic implications of China's trade dependence: An analysis of electronics and machinery equipment
Lea Ortega, Yokohama National University
2. Impact of trade facilitation on the trade of post-communist countries of Europe and Central Asia
Elnur Kanybekov, Ritsumeikan University
3. Has the U.S.-China trade war changed the landscape of global commodity trade?
Bawoo Kim, Samsung Electronics

Session 2. Bank of Korea

Sat, March 16, 13:00 – 14:30 Venue C (B503)

CHAIR:

1. The experimental compilation results of 2019 Digital Supply-Use Table
Junsung Kim, Bank of Korea
2. Capturing new industries in 2020 benchmark Input-Output Table
Sang-oh MIN, Bank of Korea
3. 2020 Benchmark Input-Output Tables
Hyunjoo Moon, Bank of Korea

Session 2. Environment, Resource and Energy

Sat, March 16, 13:00 – 14:30 Venue D (B504)

CHAIR:

1. A supply chain network analysis of energy cost propagation in Japan
Aoi Tsukioka, Kyushu University
2. Does the 2012 FIT exemption policy improve sectoral energy consumption (savings) in Japan's energy-intensive industry?
Joseph Jr. Aduba, Ritsumeikan University
3. The cost-benefit analysis of aquavoltaics operational model in Taiwan
Ching-Cheng Chang, Academia Sinica

Session 2. Productivity and Growth

Sat, March 16, 13:00 – 14:30 Venue E (B505)

CHAIR:

1. Investigation on optimal allocations of medical devices (CT/MRI) among prefectures in Japan based on operational efficiency using data envelopment analysis
Daigo Ushijima, Kyushu University
 2. Learning effect as a benefit of resource concentration to leading farmers: Aiming at realizing stable food supply in Japan
Yusuke Fushiki, University of Tokyo
 3. Technology and the terms of trade: A case study of the United State economy
Takahiko Hashimoto, Ritsumeikan University
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Session 3. Special Session: Evaluation of China's environmental policies towards Carbon Neutrality

Sat, March 16, 15:00 – 16:30 Venue B (B502)

ORGANIZER: Kiyoshi Fujikawa, Aichi Gakuin University

1. Plastic recycling policy in China and the waste plastic trade

Tadashi Hayashi, The University of Shiga Prefecture

2. Recycling resources from end-of-life vehicles

Yang LI, Zhongnan University of Economics and Law

3. Optimal location for large-scale wind farms in China

Jiayang Wang, Aichi Gakuin University

Session 3. Macroeconomic Modelling and CGE

Sat, March 16, 15:00 – 16:30 Venue C (B503)

CHAIR: Ken Itakura, Nagoya City University

1. CGE modeling based on the System of Environmental-Economic Accounting (SEEA) and application

Keiji Ujikawa, Yokohama National University

2. Greenhouse Gas (GHG) Baseline Forecasting for Taiwan's Six Major Sectors Using the Dynamic Computable General Equilibrium Approach

Tony Shih-Hsun Hsu, Taiwan Association of Input-Output Study

3. Impact of e-commerce agreement on global economy: A dynamic CGE analysis

Ken Itakura, Nagoya City University

Session 3. Environment, Resource and Energy

Sat, March 16, 15:00 – 16:30 Venue D (B504)

CHAIR:

1. Exploring embodied carbon emission among Japanese prefectures

Yayue Xiao, Waseda University

2. Impact of changing the lifespan of container vessels on lifecycle CO₂ emissions

Taiga Shimotsuura, Kyushu University

3. Evaluation of economic benefit of reducing natural hazard risks in an offshore wind power development project in Taiwan Strait

Yun Sheng Shen, Taiwan association of Input-Output studies

Session 3. Productivity and Growth

Sat, March 16, 15:00 – 16:30 Venue E (B505)

CHAIR:

1. Analysis of the impacts of Japanese enterprises in Southeast Asia —Creation of an international interregional input-output table that separates Japanese enterprises in 2017—

Xuankun Xia, Yokohama National University

2. Entrepreneurship, Innovation, and Economic Growth in Cities

Zhiwei Jin, Ritsumeikan University

3. Adolescents' height and cognitive ability in China

Xiaohang Guo, Shantou University

Keynote Speech.

Sat, March 16, 17:00 – 18:00 Venue A (B101)

CHAIR: Tetsushi Inomata, IDE-JETRO

GVC tables: A tool to analyze the past and to build scenarios for the future

Bart Los, University of Groningen

Session 4. International Economy and International Development

Sun, March 17, 10:00 – 12:00 Venue B (B502)

CHAIR: Bart Los, University of Groningen

1. An exploration of BRI's impact on host countries' global value chains via overseas industrial parks
Suppakorn Khonkhlong, Wuhan University
2. Competitiveness and market positioning of the textile and clothing industry: Has the COVID-19 pandemic changed the trend? A tale of two competing Asian countries
Shelton Joao, Ritsumeikan University
3. Assessing the influence of three policies on Vietnam's economic development: Electricity infrastructure, globalization, and privatization
Harutaka Takahashi, Kobe University
4. The domestic labor market impacts of GVC participation: Identifying India's GVC upgrade process
Kazuma Takahashi, Hitotsubashi University

Session 4. The Effect of Disaster and COVID-19 to Economy

Sun, March 17, 10:00 – 12:00 Venue C (B503)

CHAIR:

1. Comparing lodging prices before and during the COVID-19 pandemic: Evidence from the hotel market in Taiwan
Mengying Wang, Zhejiang Gongshang University
2. The impact of access to intermediate inputs on the export margins: Firm-level evidence from regression decomposition approach
Mohammad Rayhan Miah, Hiroshima University
3. Resilience index (RI) development for tsunami impact assessment in South Hokkaido (Donan) region, Japan: A GIS and dynamic CGE approach
Michael Huang, Ocean Policy Research Institute (OPRI)

4. Food supply chain and regional economy's resilience: An application of firm-level production network data amid COVID-19

Kiyotaka Ishikawa, Surugadai University

Session 4. Theory of Input-Output Techniques

Sun, March 17, 10:00 – 12:00 Venue D (B504)

CHAIR: Tetsushi Inomata, IDE-JETRO

1. Structural change in global value chains in 2010s: Analysis of the standing position of countries in GVCs from the aspects of upstreamness and downstreamness

Kenji Suganuma, SOMPO Institute Plus

2. Input-output analysis with interruption to the multiplier effect: A simulation of production-inventory model

Takayuki Narumi, Yamaguchi University

3. Evaluating an economy potential receptivity to import substitution in final use and intermediate consumption

Vladimir Motorin, National Research University Higher School of Economics

4. A new formulation of path-through frequency

Tesshu Hanaka, Kyushu University

Session 4. Regional Input-Output Analysis

Sun, March 17, 10:00 – 12:00 Venue E (B505)

CHAIR:

1. A non-survey method to estimate Japan's prefectural non-competitive import type input-output table with scrap and by-products

Baixin Li, Waseda University

2. Assessing the impact of refining the input structure on economic analysis: Focus on the refined sake sector

Suguru Osaki, Kochi University

3. Assessment of the economic impact and carbon emissions of the COVID-19 pandemic on Taiwanese industries

Shu-Yuan Lu, National Taiwan University

4. Mapping Kerala's economic landscape: A non-survey approach to constructing regional input-output tables for 2018-19

Jitendra Kumar Sain, IIT Roorkee

Session 5. Special Session: Applying Inter-Country Input-Output Data in Current and Constant Prices to Analyze the GVCs Dynamics

Sun, March 17, 13:00 – 14:30 Venue B (B502)

ORGANIZER: Masaaki Kuboniwa, Hitotsubashi University and Taiwan National Chengchi University

CHAIR: Makiko Tsukui, Tokyo International University

1. An analysis of international division of labor based on real global input-output tables compiled by Yokohama National University: Visualization of global supply chains using international unit structure
Yuichi Hasebe, Hitotsubashi University and Yokohama National University
2. Measuring economic importance of a country in global context
Shrestha Nagendra, Yokohama National University
3. Analyzing dynamics of growth-GVC nexus through changes in global unit structure
Masaaki Kuboniwa, Hitotsubashi University and Taiwan National Chengchi University

Session 5. Environment, Resource and Energy

Sun, March 17, 13:00 – 14:30 Venue D (B504)

CHAIR: Katsuhiko Saito, University of Tokyo

1. The impact of extending the economic lifespan of residential buildings on CO2 emissions in Japan
Sora Matsushima, Kyushu University
2. Exploring sustainable practices: The role of enhanced agricultural and food industry waste recycling in reducing CO2 emissions in Taiwan's economy - An input-output analysis approach
Wenhung Huang, National Taiwan University
3. Climate change, yield variation of grains and producers attitude toward risk: Effect on international grain price fluctuation
Katsuhiko Saito, University of Tokyo

Session 5. Finance

Sun, March 17, 13:00 – 14:30 Venue E (B505)

CHAIR: Satoru Hagino, Cabinet Office, Government of Japan

1. Concentrated Bank Market and SMEs' Collateral Issues: A Study of the Firms of Developing Asian Countries
Ei Ei Thein, Ritsumeikan University
2. Fintech and Capital Structure of SMEs
Xingang Liang, Ritsumeikan University
3. Evaluation of U.S. Monetary policy using international financial input-output table for the United States, Euro area and Japan
Satoru Hagino, Cabinet Office, Government of Japan

Session 6. Special Session: China's industrial structure and environmental load

Sun, March 17, 15:00 – 16:30 Venue B (B502)

ORGANIZER: Takatoshi Watanabe, Aichi Gakuin University

1. Change of industrial structure and CO2 emissions in China
Kiyoshi Fujikawa, Aichi Gakuin University

2. Productivity and energy efficiency of Chinese industries

Takatoshi Watanabe, Aichi Gakuin University

3. Carbon leakage in carbon taxes and emissions trading scheme: Taking China as an example

Hikari Ban, Kobe Gakuin University

Session 6. Environment, Resource and Energy

Sun, March 17, 15:00 – 16:30 Venue B (B502)

CHAIR:

1. The distribution of technology costs needed to decarbonize the iron and steel sector based on shared responsibility

Seiya Imada, Kyushu University

2. Environmental productivity of power generation industry: supply chain performance measurement based on data envelopment analysis and multi-regional input-output analysis

Hiroataka Takayabu, Kindai University

3. Estimation of quality loss of Cr and Ni associated with steel cycle using optimization method

Kentaro Takeyama, University of Tokyo