ICES 2018
2nd International Conference on Economic Structures

28-29 March, 2018
Nagoya University, Japan
(Address: Nagoya University, Furo, Chikusa, Nagoya, 464-8601, Japan).

- Chair of the Local Organizing Committee: J. NEMOTO and A. NOGUCHI, Nagoya University
- Chair of the Scientific Program Committee: K. FUJIKAWA (Vise-President of PAPAIOS), NU
- Contact: ICES_PAPAIOS@yahoo.co.jp
- Organized by the Pan Pacific Association of Input-Output Studies (PAPAIOS)
- Co-organized by School of Economics, Nagoya University (SOEC-NU) and Applied Social System Institute of Asia (ASIA), Nagoya University
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<td>March 29, 2018</td>
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<td>March 29, 2018</td>
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Venue A, 1st session  
Wednesday, March 28, 10:00-12:00  
Environment, Resource and Energy
Chair: Yasushi KONDO (Waseda University)

1. Does Democracies Affect the Energy Efficiency and CO2 Emissions? An Empirical Analysis in America
   Lichen CHOU (Wenzhou Business College)
   Hsingchun LIN (National Chiayi University)
   Fuming YANG (Wenzhou Business College)
   Wanhao CHANG (Wenzhou Business College)

2. An International Comparison of the Effectiveness of Price Control under Energy Price Shocks
   Shihmo LIN (Chung Yuan Christian University)
   Shianghung SHEN (Chung Yuan Christian University)
   Jinxu LIN (Chung yuan Christian University)
   Kueifeng CHANG (Chung Yuan Christian University)

3. A note on the relationship between the waste input-output linear programming (WIO-LP) model and the rectangular choice-of-technology (RCOT) model
   Yasushi KONDO (Waseda University)

Venue A, 2nd session  
Wednesday, March 28, 13:00-15:00  
Environment, Resource and Energy
Chair: Mitsuo YAMADA (Chukyo University)

1. FTA and Structural Change in Environmental Load in the East Asian Region
   Hikari BAN (Kobe Gakuin University)
   Kiyoshi FUJIKAWA (Nagoya University)

   Mitsuo YAMADA (Chukyo University)
   Kiyoshi FUJIKAWA (Nagoya University)
   Yoshito UMEDA (Toho Cryogenics Co., Ltd.)

Venue A, 3rd session  
Wednesday, March 28, 15:30-17:30  
Environment, Resource and Energy
Chair: Makiko TSUKUI (Tokyo International University)

1. Economic and environmental impact by the choice of power sources in China: an application of scenario input-output analysis
   Jiayang WANG (The University of Tokyo)

2. Resilient Partnership under Mega Disaster
   Michael HUANG (GRIPS)
Social Gathering  
**Wednesday, March 28, 18:00-20:00**  
2nd Floor, Asian Legal Exchange Plaza

**Venue A, 4th session (Open to the public)**  
**Thursday, March 29, 10:00-12:00**  
**Tutorial Seminar**  
**Input-Output Analysis of Waste Management and Material Cycles**  
Lecturer: Yasushi KONDO (Professor of Econometrics at Faculty of Political Science and Economics, Waseda University)  
Contents: Resource productivity and circular economy have recently received much attention, and thus there is growing demand for analysis of the environment and economy in a unified framework. This lecture introduces the basics of waste input-output (WIO) and its applications to footprint analysis and material flow analysis.

**Venue A, 5th session**  
**Thursday, March 29, 13:00-15:00**  
**Regional Input-Output Analysis**  
Chair: Yoshifumi ISHIKAWA (Nanzan University)  
1. Measuring Inclusivity and Marginality: Estimating Philippine Regional Input-Output Tables Using a Non-Survey Approach  
Josephine TEVES (Kyoto University)  
2. Examining the Revolutionary Donation Tax in the Context of the Philippine Interregional Input Output Table  
Kwangmoon KIM (Kyoto University)  
Paolo Nicholas Cortes PADERANGA (Association of Regional Econometric and Environmental Studies)  
Josephine TEVES (Kyoto University)  
Kiyoshi KOBAYASHI (Kyoto University)  
3. RAS structural decomposition analysis on the rural labor movement in Guizhou, China  
Shuning CHEN (Anshun University)  
Masaru KAGATSUME (Kyoto University)
Venue B, 1st session  
Wednesday, March 28, 10:00-12:00  
International Economy and International Development 1  
Chair: Tetsu KAWAKAMI (Kinki University)  

1. Dynamics of Spatial Poverty and Disparity: Evidence from Vietnam, 1993-2014  
   Takahiro YAMADA (Keio University)  

2. The Competitive Response of Local Franchise to Foreign Franchise: Study in Emerging Economy  
   Rambat LUPIYOADI (University of Indonesia)  

3. A Quantitative Analysis of Global Value Chains  
   Haoliang ZHU (Doshisha University)  

Venue B, 2nd session  
Wednesday, March 28, 13:00-15:00  
International Economy and International Development 2  
Chair: Nagendra SHRESTHA (Yokohama National University)  

1. Climate Change, Yield Variation and the Volatility of International Price of Rice  
   Katsuhiro SAITO (The University of Tokyo)  
   Hideyasu SATO (The University of Tokyo)  
   Konomi SAITO (Soka University)  

2. Economic Assessment of Global Value Chains: Case of China and India  
   Kakali MUKHOPADHYAY (Gokhale Institute of Politics & Science and McGill University)  
   Cuihong YANG (Chinese Academy of Sciences)  

3. Global and Regional Shock Transmission  
   Nagendra SHRESTHA (Yokohama National University)  

Social Gathering  
Wednesday, March 28, 18:00-20:00  
2nd Floor, Asian Legal Exchange Plaza
Venue B, 5th session, 13:00-15:00
Thursday, March 29
Computable General Equilibrium Model
Chair: Ken ITAKURA (Nagoya City University)

1. Assessing the Economy-Wide Effects of Public Procurement for Innovation Based on A CGE Analysis: A Case of Korean Electric Vehicle Sector
   Yeongjun YEO (Seoul National University)
   Kiyoon SHIN (Seoul National University)

2. China in 2025: Implications for Africa
   Christian OTCHIA (Kwansei Gakuin University)
Venue C, 1st session  
Wednesday, March 28, 10:00-12:00  
Productivity 1  
Chair: Katsuhiro SAITO (The University of Tokyo)  
1. Market Size, Productivity and Product Quality regarding Firm Heterogeneity  
   Shiuehung LIN (Nanfang College of Sun Yat-Sen University)  
   Yungho WENG (National Chengchi University)  
2. Producer Service, Input Variation and Chinese Manufacturing Firm's Productivity  
   Yinhua MENG (Shanghai University of International Business and Economics)  
   Ye ZUOYI (Shanghai University of International Business and Economics)  
3. Cost Criteria and Productivity Criteria Using the World Input Output Database  
   Takahiko HASHIMOTO (Ritsumeikan University)  

Venue C, 2nd session  
Wednesday, March 28, 13:00-15:00  
Productivity 2  
Chair: Kiyoshi FUJIKAWA (Nagoya University)  
1. Policy Impact of Public Procurement for Innovation for Korean Telecommunication  
   Equipment Industry: Input-Output Structural Decomposition Analysis  
   Kiyoon SHIN (Seoul National University)  
   Yeongjin YEO (Seoul National University)  
2. 13 Year Thailand TFP  
   Nutpol SIRISAWANG (L P Laikhum Co., Ltd.)  
   Nattaya KLAIRUANG (Kasesart University)  
   Apichart DALUNPETE (Kasesart University)  

Venue C, 3rd session  
Wednesday, March 28, 15:30-17:30  
Organized session by Ritsumeikan University  
Chair: Kazuo INABA (Ritsumeikan University)  
1. International Production Sharing of the Textile-Clothing Industry of Bangladesh and Asian  
   Exporters  
   Md MASUM (Ritsumeikan University)  
   Kazuo INABA (Ritsumeikan University)  
2. Role of SMEs and Its Constraints: Case of Central Asia and Eastern Europe  
   Sevara MADGAZIEVA (Ritsumeikan University)  
   Kazuo INABA (Ritsumeikan University)  
3. The Effects of Career Interruptions on Japanese Female Wages: Does the Timing of  
   Birth Matter?  
   Magdalena Triasih DUMAULI (Ritsumeikan University)
Social Gathering  
Wednesday, March 28, 18:00-20:00  
2nd Floor, Asian Legal Exchange Plaza

Venue C, 5th session  
Thursday, March 29, 13:00-15:00  
Compilation and Theory of I-O, SNA or SAM 1

Chair: Keiji UJIKAWA

1. FiSIM (SNA Bank Output Measures) and Endogenous Money Supply  
   Akimasa KATSURA (Momoyama Gakuin University)

2. Propagation of Economic Shocks through Input-Output Network: A Case of Thailand  
   Rangsima SRISAWAT (Thammasat University)

3. Compilation and estimation of EEIOT based on SEEA-CF  
   Keiji UJIKAWA (Yokohama National University)

Venue C, 6th session  
Thursday, March 29, 15:30-17:30  
Compilation and Theory of I-O, SNA or SAM 2

Chair: Kwangmoon KIM

1. A Network Analysis of Thai Macroeconomic Fluctuation through Input-Output Model  
   Pirapat PAREERATANASOMPORN (Thammasat University)

2. Creating a Financial and Social Accounting Matrix Using an Excel-based Computable General Equilibrium Model  
   Yusuke FUKUSHIMA (Kyoto University)  
   Kwangmoon KIM (Kyoto University)

3. Empirical Analysis of Economic Interdependencies in the GMS Based on a Five-Nation International Input-Output Table  
   Hidefumi KANEKO (Association of Regional Econometric and Environmental Studies)  
   Kwangmoon KIM (Kyoto University)  
   Secretario FRANCISCO (Association of Regional Econometric and Environmental Studies)
Venue D, 1st session  
Wednesday, March 28, 10:00-12:00  
Organized session by Korea KESRA-KIET  
Chair: Jinmyon LEE (Korea Institute for Industrial Economics and Trade)

1. A Generalized Measure of Bilateral Trade  
Bawoo KIM (Korea Institute for Industrial Economics and Trade)

2. Analysis on Production Ripple Effects between Large and SME (Small and Medium Enterprises): Focusing on the Trickle Down and Up Effects  
Youngho LEE (Korea Institute for Industrial Economics and Trade)  
Jaejin KIM (Korea Institute for Industrial Economics and Trade)

3. Analysis on Creating of Value Added in Korea Electronics Industry using WIOT  
Taehyun KWON (Bank of Korea)  
Youngho JUNG (Bank of Korea)

Joonho KANG (Seoul National University)  
Hwaseob KIM (Korea Institute for Industrial Economics and Trade)

Venue D, 2nd session  
Wednesday, March 28, 13:00-15:00  
Organized session by Meiji University  
Chair: Tadashi YAGI (Meiji University)

1. A Study of Industrial Structure in France  
Rintaro MATSUDA (Meiji University)

2. A Study of Structural Changes in Japanese Industries  
Tsutomu YOSHIOKA (Meiji University)

3. Input-Output Table and Pasinetti's Macroeconomic Condition  
Jun OMATA (Meiji University)

Venue D, 3rd session  
Wednesday, March 28, 15:30-17:30  
Organized session by China CIOA  
Chair: Cuihong YANG (Chinese Academy of Sciences)

1. Urban Transformation as An Adaption to Resource and Environmental Constraints Based on A Case Study of Beijing: From Efficiency Priority Strategy to Total Control Strategy  
Zhuoying ZHANG (Chinese Academy of Sciences)  
Xiaoling ZHANG (City University of Hong Kong)  
Minjun SHI (Renmin University of China)
2. Exploring the Role of Real Estate Sector in Economy Based on Input-Output Analysis
   Xiuting LI (University of Chinese Academy of Sciences)
   Jing HE (University of Chinese Academy of Sciences)
   Jichang DONG (University of Chinese Academy of Sciences)
   Zhi DONG (University of Chinese Academy of Sciences)

3. Measuring the Generalized Global Industry Relocation: Based on World Input-Output Model
   Xiang GAO (Chinese Academy of Sciences)
   Cuihong YANG (Chinese Academy of Sciences)

Social Gathering
Wednesday, March 28, 18:00-20:00
2nd Floor, Asian Legal Exchange Plaza

Venue D, 4th session
Thursday, March 29, 10:00-12:00
Organized session by India E3 Model Team
   Chair: Surabhi JOSHI (E3-India Initiative)

1. Modelling the Power Sectors of East Asia in 2050 using E3ME-FTT: Power
   Soocheol LEE (Meijo University)

2. Modelling Impacts of Scaling up Energy Efficient Cleaner Technologies for Thermal Comfort in India using E-3 India
   Surabhi JOSHI (E3-India Initiative)

3. Regional Impacts of Renewable Energy Targets on the Indian Economy: Application of E3-India Model
   Kakali MUKHOPADHYAY (Gokhale Institute of Politics & Science and McGill University)
   Partha Pratim Ghose (St. Xaviers college)
Venue D, 5th session
Thursday, March 29, 13:00-15:00
Organized session by Nagoya University 1
Chair: Kiyoshi FUJIKAWA (Nagoya University)

1. Inter-province Carbon Transfers of ETS Covering Sectors in China
   Yiyi JU (Nagoya University)

2. Income Distribution Effects of Carbon Tax in Chinese Provinces
   Yuzhu WANG (Nagoya University)

3. The Role of Agro-processing Industries in Promoting Economic Growth in Vietnam
   Trang Hong VU (Nagoya University)

Venue D, 6th session
Thursday, March 29, 15:30-17:30
Organized session by Nagoya University 2
Chair: Jiro NEMOTO (Nagoya University)

1. Outward Foreign Direct Investment and Employment in Japanese Manufacturing
   Huijie GU (Nagoya University)

2. A Spatial Autoregressive Stochastic Frontier Model for Panel Data Incorporating a Model of Technical Inefficiency
   Takahiro TSUKAMOTO (Nagoya University)

3. A Meta-analysis of Management Forecast
   Xiaobai ZHANG (Nagoya University)
Access to Nagoya University
(Higashiyama Campus)

From Nagoya Station: Take the Subway Higashiyama Line to Motoyama Sta. (15 minutes), then transfer to the Subway Meijo Line to Nagoya Daigaku Sta. (Higashiyama Campus is just off the subway exit.).

From Centrair (Central Japan International Airport): Take the Meitetsu Line to Kanayama Sta. (30 min.), then transfer to the Subway Meijyo Line to Nagoya Daigaku Sta. (21 min.).
Access to Graduate School of Economics

Subway Station “Nagoya Daigaku”
Exit 1

Graduate School of Economics

ICES 2018
Conference Reception

Graduate School of Law

ICES 2018
Social Gathering

Center for Asian Legal Exchange
Conference rooms at Graduate School of Economics

1st Floor

ICES 2018 Headquarters

Refreshment room 1

ICES 2018 Conference Reception

Venue B

Venue A

2nd Floor

Refreshment room 2

Venue D

Venue C
International Conference on Economic Structures 2018
Nagoya University, Japan, March 28-29, 2018

Local Organizing Committee
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Jiro NEMOTO, Applied Social System Institute of Asia, Nagoya University
Keisuke NANSAI, National Institute for Environmental Studies
Makiko TSUKUI, School of Business and Commerce, Tokyo International University
Kiyoshi FUJIKAWA, Applied Social System Institute of Asia, Nagoya University

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Takashi YAGI, Graduate School of Political Science and Economics, Meiji University
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Takatoshi WATANABE, Faculty of Economics, Aichi Gakuin University

Administrative Staff
Mayumi KIKUTA, Applied Social System Institute of Asia, Nagoya University

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