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Schedule at a Glance

Schedule at a Glance

SEPTEMBER 3, SUNDAY		
TIME	EVENT	VENUE
08:30 - 09:00	Registration	Lecture Room
	Welcome and Opening Remarks	
09:00 - 09:30	Dr. Hung-Hao Chang, National Taiwan University Dr. Vincent Chia-Rong Lin, Ministry of Agriculture Dr. Yu-Pin Lin, National Taiwan University	Lecture Room
09:30 - 09:50	Photo Session and Break	Lecture Room
09:50 - 10:30	Keynote Speech Dr. Marc Bellemare, University of Minnesota	Lecture Room
10:30 - 10:50	Coffee break	Hallway
	Parallel Sessions #1	
10:50 - 12:20	Agriculture and Climate Change	Lecture Room
	Parallel Sessions #2	
	Environmental Stresses	Discussion Room
12:20 - 13:30	Lunch	Room No. 2 & Discussion Room
13:30 - 14:10	Keynote Speech Dr. Doo Bong Han, Korea Rural Economic Institute	Lecture Room
14:10 - 14:30	Coffee Break	Hallway
	Parallel Sessions #3	
14:30 - 16:00	Stated Preference	Lecture Room
	Parallel Sessions #4	
	Natural Disasters	Discussion Room
16:00 - 16:20	Coffee break	Hallway
	Parallel Sessions #5	
16:20 - 17:50	Agricultural Producer Behaviors	Lecture Room
	Parallel Sessions #6	
	Energy and Sustainability	Discussion Room
18:30	Conference Dinner (by Invitation)	Tai Da Table

Schedule at a Glance

SEPTEMBER 4, MONDAY		
TIME	EVENT	VENUE
08:30 - 09:00	Registration	Lecture Room
09:00 - 09:40	Keynote Speech Dr. Kitamura Yukinobu, Risscho University	Lecture Room
09:40 - 10:00	Coffee break	Hallway
10:00 - 11:30	Parallel Sessions #7 Structure and Well-being of Farm Households	Lecture Room
	Parallel Sessions #8 Pollution	Discussion Room
11:30 - 13:00	Lunch	Room No.2 & Discussion Room
13:00 - 13:40	Keynote Speech Dr. David Just, Cornell University	Lecture Room
13:40 - 14:00	Coffee Break	Hallway
14:00 - 15:30	Parallel Sessions #9 Agricultural Technology and Water Use	Lecture Room
	Parallel Sessions #10 Food Consumption and Policy	Discussion Room
15:30 - 15:50	Coffee break	Hallway
15:50 - 17:20	Parallel Sessions #11 Climate Change and Sustainability	Lecture Room
	Parallel Sessions #12 Food Market, Supply Chain, and Farm Performance	Discussion Room

Keynote Speeches

Dr. Marc F. Bellemare, Distinguished McKnight University Professor
Department of Applied Economics, University of Minnesota

Keynote Speech Title:

Global Agricultural Value Chains and the Political Economy of Agricultural Trade
09:50 - 10:30, September 3, Sunday

Dr. Doo Bong Han, President
Korea Rural Economic Institute

Keynote Speech Title:

Food Security and Challenges Ahead in the Era of Uncertainty
13:30 - 14:10, September 3, Sunday

Dr. Kitamura Yukinobu, Professor
Faculty of Data Science, Rissho University

Keynote Speech Title:

Digitalization of Economic Statistics and Future of Policy Making
09:00 - 09:40, September 4, Monday

Dr. David R. Just, Susan Eckert Lynch Professor in Science and Business
Dyson School of Applied Economics and Management, Cornell University

Keynote Speech Title:

Behavioral Economics for Food Policy
13:00 - 13:40, September 4, Monday

Conference Program

SEPTEMBER 3, SUNDAY		
TIME	EVENT	VENUE
08:30 - 09:00	Registration	Lecture Room
09:00 - 09:30	Welcome and Opening Remarks	Lecture Room
	Dr. Hung-Hao Chang, Chair Department of Agricultural Economics, National Taiwan University	
	Dr. Vincent Chia-Rong Lin, Director Department of International Affairs, Ministry of Agriculture	
	Dr. Yu-Pin Lin, Dean College of Bioresources and Agriculture, National Taiwan University	
09:30 - 09:50	Photo Session and Break	Lecture Room
09:50 - 10:30	Keynote Speech	Lecture Room
	Global Agricultural Value Chains and the Political Economy of Agricultural Trade	
	Marc Bellemare (University of Minnesota)	
10:30 - 10:50	Coffee Break	Hallway

TIME	EVENT	VENUE
10:50 - 12:20	Parallel Session #1 Agriculture and Climate Change	Lecture Room
	1-1 Who Gains Benefits from the Negative Temperature Shock? General Equilibrium Analysis on Impact of Temperature Rise on Agricultural Production and Social Welfare	
	Akira Hibiki* (Tohoku University)	
	Kohei Kamaga (Sophia University)	
	Huey-Lin Lee (National Chengchi University)	
	1-2 Unveiling the Dynamics of Climate Change Effects on US Corn Yields: A Novel Approach for Measuring Adaption	
	Akira Hibiki (Tohoku University)	
	Stanley Iat-Meng Ko* (Tohoku University)	
	Yi-Chun Ko (Asian Growth Research Institute)	
	Shinsuke Uchida (Nagoya City University)	
	1-3 Farm Characteristics and the Impact of Temperature Rise: Evidence from Corn Yields in US	
	Yi-Chun Ko* (Asian Growth Research Institute)	
	Shinsuke Uchida (Nagoya City University)	
	Akira Hibiki (Tohoku University)	
	1-4 Estimating the Social Impacts of Climate Change on Rice Production in Japan Using Process-based Crop Models	
	Yukinaga Nishihara* (University of Tokyo)	
	Ryuhei Yoshida (Fukushima University)	
	Daisuke Takahashi (Takushoku University)	
	Moderator: Wei (James) Chen (National Taiwan University)	

*: Presenter

TIME	EVENT	VENUE
10:50 - 12:20	Parallel Session #2 Environmental Stresses	Discussion Room
2-1 Temperature, Air Quality, and Workers' Production Quality		
Chon-Kit Ao* (National Cheng Kung University)		
2-2 The Dust Bowl and Occupational Persistence in the 20th Century US		
Agriculture		
Jih-Yun Liu* (University of Minnesota)		
2-3 The Long-Term Effects of Early-Life Malaria Exposure on Farm		
Households Resource Allocation: Evidence from Taiwan		
Yu-You Liou* (National Taiwan University)		
Moderator: Chon-Kit Ao (National Cheng Kung University)		
12:20 - 13:30	Lunch	Discussion Room & Room No. 2
13:30 - 14:10	Keynote Speech Food Security and Challenges Ahead in the Era of Uncertainty	Lecture Room
Doo Bong Han (Korea Rural Economic Institute)		
14:10 - 14:30	Coffee Break	Hallway

*: Presenter

TIME	EVENT	VENUE
14:30 - 16:00	Parallel Session #3 Stated Preference	Lecture Room
	3-1 Seeking Evidence on the Role of Policy and Payment Consequentiality in the Valuation of Water Quality Credits Co-benefits Eniola Fasola* (University of Connecticut) Stephen K. Swallow (University of Connecticut) Pengfei Liu (University of Rhode Island)	
	3-2 Does Personality Trait Contribute to Sustainable Agricultural Practice Adoption? Insight from Indonesia Farmer Hery Toiba* (Brawijaya University) Moh Shadiqur Rahman (Brawijaya University)	
	3-3 Impact of Restrained Food Buying Behavior by Various Information Source Koichi Yamaura* (Ritsumeikan Asia Pacific University) Hikaru Hanawa Peterson (University of Minnesota)	
	3-4 Telecoupled Payments for Eco-friendly Products: How Information Affect Consumers' Willingness to Pay Ta-Ken Huang* (Tamkang University) Da-Li Lin (Endemic Species Research Institute)	
	Moderator: Yau-Huo (Jimmy) Shr (National Taiwan University)	

*: Presenter

TIME	EVENT	VENUE
14:30 - 16:00	Parallel Session #4 Natural Disasters	Discussion Room
	4-1 Natural Disasters and Firm Selection: Heterogeneous Effects of Extreme Rainfall Events on Manufacturing Sectors in Japan	
	Jun Yoshida* (Tohoku Gakuin University)	
	Shinsuke Uchida (Nagoya City University)	
	Katsuhito Nohara (Rikkyo University)	
	Akira Hibiki (Tohoku University)	
	4-2 How Evacuation Affects Post-Disaster Economics: Evidence from Typhoon Morakot in Taiwan	
	Min-Han Tsai* (National Taiwan University)	
	Yir-Hueih Luh (National Taiwan University)	
	4-3 Rainfall Intensity and Flood Damages: Hidden Risk of Agricultural Land in Floodplains	
	Shinsuke Uchida* (Nagoya City University)	
	Akira Hibiki (Tohoku University)	
	Shugo Maki (Formerly Nagoya City University)	
	Katsuhito Nohara (Rikkyo University)	
	Jun Yoshida (Tohoku Gakuin University)	
	4-4 Exploring the Impact of Recurring Natural Disasters on the Cabbage Market: An Empirical Analysis in Taiwan	
	Yi-Ju Su* (Shih Hsin University)	
	Pei-An Liao (Shih Chien University)	
	Hung-Hao Chang (National Taiwan University)	
	Moderator: Feng-An Yang (National Taiwan University)	
16:00 - 16:20	Coffee Break	Hallway

*: Presenter

TIME	EVENT	VENUE
16:20 - 17:50	Parallel Session #5 Agricultural Producer Behaviors	Lecture Room
	5-1 Improving the Adoption of Climate Smart Agriculture in Developing Countries	
	Lungelo Sikhondze* (National Chung Hsing University)	
	Chifumi Takagi (National Chung Hsing University)	
	Lilian Kiriimi (Egerton University)	
	Thunwadee Suksaroj (Mahidol University)	
	Man-Keun Kim (Utah State University)	
	5-2 Farmers' Adaptation to Climate Change: Evidence from Vietnamese Rural Households	
	Mai Thi Tuyet Chinh* (Tohoku University)	
	Akira Hibiki (Tohoku University)	
	5-3 Non-Price Competition Measures used by Cocoa Purchasing Clerks in Ghana and their Determining Factors	
	Sylvia Kpabitey (Tokyo University of Agriculture and Technology)	
	Atsushi Chitose (Tokyo University of Agriculture and Technology)	
	Masaaki Yamada (Tokyo University of Agriculture and Technology)	
	Daniel Bruce Sarpong (University of Ghana)	
	Aziz Abdulai Adams (Tokyo University of Agriculture and Technology)	
	Motoi Kusadokoro* (Tokyo University of Agriculture and Technology)	
	5-4 The Effect of Farmers Group Participation on Technical Efficiency: Evidence from East Java of Indonesia	
	Rosihan Asmara* (Brawijaya University)	
	Fahriyah Fahriyah (Brawijaya University)	
	Moderator: Motoi Kusadokoro (Tokyo University of Agriculture and Technology)	

*: Presenter

TIME	EVENT	VENUE
16:20 - 17:50	Parallel Session #6 Energy and Sustainability	Discussion Room
	6-1 The Effects of Minimum Quality Standards on Product Sustainability of Firms Holding Overlapping Ownership Chih-Chen Liu* (National University of Kaohsiung)	
	6-2 Incentivizing Demand Response Using Auctions: Evidence from Steel Producers in Taiwan Chia-Wen Chen (Academia Sinica) Jian-Da Zhu* (Fu Jen Catholic University)	
	6-3 Developing a Resilience Index Towards Natural Disasters for Rural Communities - The Cases in St. Vincent and the Grenadines Vannell Baptiste* (National Cheng Kung University) Yen-Lien Kuo* (National Cheng Kung University)	
	Moderator: Chih-Chen Liu (National University of Kaohsiung)	
18:30 -	Conference Dinner (by Invitation)	Tai Dai Table

*: Presenter

SEPTEMBER 4, MONDAY		
TIME	EVENT	VENUE
08:30 - 09:00	Registration	Lecture Room
09:00 - 09:40	Keynote Speech	Lecture Room
	Digitalization of Economic Statistics and Future of Policy Making Kitamura Yukinobu (Rissho University)	
09:40 - 10:00	Coffee Break	Hallway
	Parallel Session #7	
10:00 - 11:30	Structure and Well-being of Farm Households	Lecture Room
	7-1 Establishing an Adaptive Evaluation Framework for Community-Based Social Acceptance in Ground-based Solar Development Shing Chih Chen (National Dong Hwa University) Chun-Hung Lee* (National Dong Hwa University)	
	7-2 Revisiting the Goldschmidt Thesis: The Effect of Farm Structure on Environmental and Socioeconomic Wellbeing in Rural Taiwan Hui-Ju Kuo* (National Taiwan University)	
	7-3 Measuring Ownership Fragmentation of Farmland: A case study in Taoyuan City, Taiwan Tzu-Chin Lin (National Chengchi University) Hsiu-Yin Ding (National Chengchi University) Shih-Yuan Lin* (National Chengchi University) Stephan van Gasselt (National Chengchi University) Meng-Chin Tsai (Open University) Hsiu-Wan Tsai (Council of Agriculture)	
	7-4 Adopting Digital Farming Technologies in Thailand: Opportunities and Challenges Witsanu Attavanich* (Kasetsart University)	
	Moderator: Witsanu Attavanich (Kasetsart University)	

*: Presenter

TIME	EVENT	VENUE
10:00 - 11:30	Parallel Session #8 Pollution	Discussion Room
8-1 Increase or Decrease CO₂ Emissions? Evidence from Malaysia Palm Oil Industry Using Symmetric and Asymmetric Kuznets Curve Analysis		
Norlin Khalid* (National University of Malaysia)		
8-2 Optimal Patent Lengths in Polluting Industries		
Pak Sing Choi* (National Central University)		
Eugenio Diaz-Farina (University of La Laguna)		
Ana Espínola-Arredondo (Washington State University)		
Félix Muñoz-García (Washington State University)		
8-3 Does Non-farm Income Always Result in Intensification of Polluting Agricultural Inputs? Evidence from India		
Sabuj Kumar Mandal* (Indian Institute of Technology Madras)		
8-4 Global Trade of Plastic Waste: Is it Ecologically Unequal Exchange or Comparative Advantage?		
Song Soo Lim (Korea University)		
Dae Eui Kim* (Korea University)		
Moderator: Li-Fen Lei (National Taiwan University)		
11:30 - 13:00	Lunch	Discussion Room & Room No. 2
13:00 - 13:40	Keynote Speech	Lecture Room
Behavioral Economics for Food Policy		
David Just (Cornell University)		
13:40 - 14:00	Coffee Break	Hallway

*: Presenter

TIME	EVENT	VENUE
14:00 - 15:30	Parallel Session #9: Agricultural Technology and Water Use	Lecture Room
	9-1 On-farm Irrigation Efficiency Program and Water Use on Australian Farms: A Regional Level Analysis	
	Alec Zuo* (University of Adelaide)	
	Sarah Wheeler (University of Adelaide)	
	Céline Nauges (Toulouse School of Economics)	
	Quentin Grafton (Australian National University)	
	9-2 The Effect of Climate Change Adaptation Strategies on Farmers Technical Efficiency of Potato Farmers in East Java of Indonesia	
	Nuhfil Hanani* (Brawijaya University)	
	Fahriyah Fahriyah (Brawijaya University)	
	Hery Toiba (Brawijaya University)	
	Moh Shadiqur Rahman (Brawijaya University)	
	Rosihan Asmara (Brawijaya University)	
	9-3 Transportation Network, Technology Adoption and Structural Transformation	
	Terry Cheung* (Academia Sinica)	
	Han Yang (Academia Sinica)	
	9-4 Optimal Control and Economic Analysis of Agricultural Water Resources Management	
	Kai-Ming Tsang* (National Taiwan University)	
	Shuay-Tsyr Ho (National Taiwan University)	
	Ming-Che Hu (National Taiwan University)	
	Moderator: Yir-Hueih Luh (National Taiwan University)	

*: Presenter

TIME	EVENT	VENUE
Parallel Session #10		
14:00 - 15:30	Food Consumption and Industrial Policy	Discussion Room
10-1 Demand for Imported Fresh Milk in Taiwan with Consideration of Market Liberalization		
Kang Ernest Liu (National Taiwan University)		
Jane Lu Hsu* (National Chung Hsing University)		
10-2 Income and Food Insecurity among SNAP Recipients: A Consideration of the SNAP Benefit Formula		
Min-Fang Wei* (University of Toronto)		
Craig Gundersen (Baylor University)		
10-3 You Are What You Eat: Patterns and Inequality in Food Consumption and Nutrient Intakes		
Ming-Feng Hsieh (Tunghai University)		
Hui-Chen Wang* (National Tsing Hua University)		
10-4 Evaluation of the Economic Impact of COVID-19 Pandemic on Industries and the Effect of Government Relief Policies: A Case Study of Taiwan		
Shu-Yuan Lu* (National Taiwan University)		
Sheng-Ming Hsu (Taiwan Research Institute)		
Moderator: Jane Lu Hsu (National Chung Hsing University)		
15:30 - 15:50	Coffee Break	Hallway

*: Presenter

TIME	EVENT	VENUE
15:50 - 17:20	Parallel Session #11 Climate Change and Sustainability	Lecture Room
	11-1 A General Equilibrium Assessment of Global Emission and Economic Impacts: Stimulating Climate Action through the EU's Carbon Border Adjustment Mechanism Kenneth Bicol Dy* (Academia Sinica) Han Yang (Academia Sinica)	
	11-2 Applying Climate Change Impacts to a Global CGE Model with Sub-national Regions of Japan Ken Itakura* (Nagoya City University) Akira Hibiki (Tohoku University)	
	11-3 Urban Sustainability: A Perspective of Greenhouse Gas Emissions from Food Consumption Tsung-Chen Lee* (National Taipei University) Hsin-Yu Yen (National Taipei University)	
	11-4 Renewable Energy Certificates and Firm Value – Empirical Evidence in Taiwan Yessica C.Y. Chung* (National Pingtung University of Science and Technology) Noxolo Kunene (National Pingtung University of Science and Technology) Hung-Hao Chang (National Taiwan University)	
	Moderator: Tsung-Chen Lee (National Taipei University)	

*: Presenter

TIME	EVENT	VENUE
	Parallel Session #12	
15:50 - 17:20	Food market, Supply Chain, and Farm Performance	Discussion Room
12-1	What Have We Learned? A Bibliometric Review of a Three-Decade Investigation into the Supply Chain Uncertainty and a Revised Framework to Cope with the Challenges Lokhman Hakim Osman* (National University of Malaysia)	
12-2	Choice of Agricultural Cooperative Channel for Output Sale and Economic Performance among Rice Household Members in the Mekong River Delta, Vietnam Tran Quoc Nhan* (Can Tho University)	
12-3	Assessing the Operational Performance of the Credit Department of Farmers' Associations in Taiwan While Considering the Impact of Undesirable Factors and Endogeneity of Factors Tai-Hsin Huang (National Chengchi University) Yi-Huang Chu (National Chengchi University) Wen-Hung Huang* (National Taiwan University)	
12-4	Assessing the Effects of Agricultural Export Promotion Policy in Japan: Evidence from Sake, Whisky, and Soju Yu-Hui Wang* (National Chung Hsing University) Kai-Ning Huang (National Chung Hsing University) Kuo-I Chang (National Chung Hsing University)	
Moderator: Shuay-Tsyr Ho (National Taiwan University)		
17:20	Conference Adjourn	

*: Presenter

List of Participants

NAME	AFFILIATION
Chon-Kit Ao	National Cheng Kung University
Rosihan Asmara	Brawijaya University
Witsanu Attavanich	Kasetsart University
Marc F. Bellemare	University of Minnesota
Wei (James) Chen	National Taiwan University
Terry Cheung	Academia Sinica
Pak Sing Choi	National Central University
Yessica C.Y. Chung	National Pingtung University of Science and Technology
Kenneth Bicol Dy	Academia Sinica
Eniola Fasola	University of Connecticut
Doo Bong Han	Korea Rural Economic Institute
Nuhfil Hanani	Brawijaya University
Akira Hibiki	Tohoku University
Shuay-Tsyr Ho	National Taiwan University
Ming-Feng Hsieh	Tunghai University
Jane Lu Hsu	National Chung Hsing University
Ta-Ken Huang	Tamkang University
Wen-Hung Huang	National Taiwan University
Ken Itakura	Nagoya City University
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Yir-Hueih Luh	National Taiwan University
Mai Thi Tuyet Chinh	Tohoku University
Sabuj Kumar Mandal	Indian Institute of Technology Madras
Yukinaga Nishihara	University of Tokyo
Lokhman Hakim Osman	National University of Malaysia
Yau-Huo (Jimmy) Shr	National Taiwan University
Lungelo Sikhondze	National Chung Hsing University
Yi-Ju Su	Shih Hsin University
Hery Toiba	Brawijaya University
Tran Quoc Nhan	Can Tho University
Min-Han Tsai	National Taiwan University
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Shinsuke Uchida	Nagoya City University
Hui-Chen Wang	National Tsing Hua University
Yu-Hui Wang	National Chung Hsing University
Min-Fang Wei	University of Toronto
Koichi Yamaura	Ritsumeikan Asia Pacific University
Feng-An Yang	National Taiwan University
Jun Yoshida	Tohoku Gakuin University
Kitamura Yukinobu	Rissho University
Jian-Da Zhu	Fu Jen Catholic University
Alec Zuo	University of Adelaide

WIFI Information

Room	SSID	Password
Lecture Room	Agec101	12345678
Room No. 2	Agec107	1234567890
Discussion Room	Agec108	12345678

* eduroam is available throughout the NTU campus

Instructions for Presenters and Moderators

Each presentation is scheduled for a total of 22 minutes, consisting of 17 minutes for the presentation itself and 5 minutes for subsequent discussions. We kindly request all presenters and moderators to be present in the designated room at least 10 minutes prior to the scheduled session start time. Each room is equipped with a computer with internet access. For easier file transfer, we recommend that presenters bring their own presentation files in .ppt, .pptx, or .pdf formats on a flash drive. Should you encounter any technical issues or require assistance, please first consult the designated room assistant who will be available to offer support.

Supporting Organizations



Ministry of Agriculture
農業部



Irrigation Agency, Ministry of Agriculture
農業部農田水利署



NTU Agricultural Economics Alumni Association
社團法人國立臺灣大學農業經濟學系全國系友會

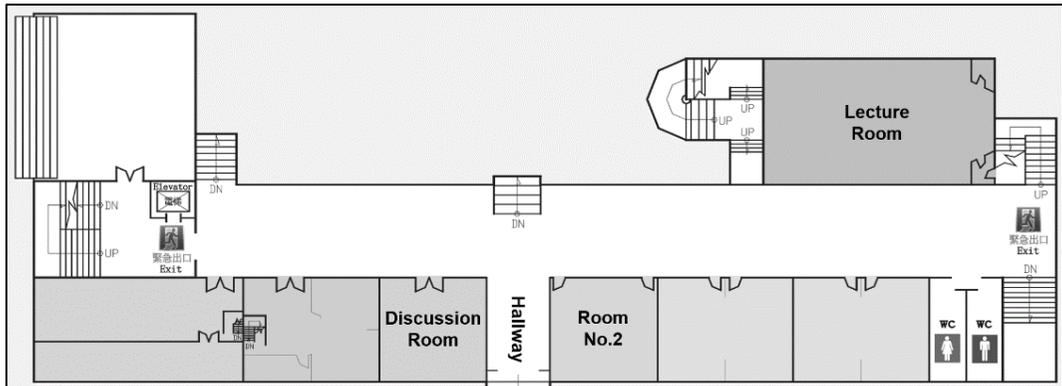


Chi-Seng Water Management Research and Development Foundation
財團法人台北市七星農田水利研究發展基金會



Chi-Seng Agricultural Development Foundation
財團法人七星農業發展基金會

Floor Map, Department of Agricultural Economics



Campus Map, National Taiwan University



