

The 2<sup>nd</sup> AJI International Workshop

Jointly Organized by Ritsumeikan University and  
Nong Lam University:

# Sustainable Agriculture and Rural Development in the Era of Climate Change: Asian Perspectives



Registration

<https://tinyurl.com/mdx6mdzc>

## August 16th, 2023

(Wednesday)

9:00-17:00 (Vietnam) 11:00-19:00 (Japan)

Venue: Nong Lam University – Ho Chi Minh City, Vietnam



Organized by Asia-Japan Research Institute (AJI), Ritsumeikan University and Nong Lam University

<https://en.ritsumeikan.ac.jp/research/aji/> Contact: [aji-con@st.ritsumeikan.ac.jp](mailto:aji-con@st.ritsumeikan.ac.jp)

9:00-9:05 Introduction

Moderator: Dr. Ho Thanh Tam  
Senior Researcher, Asia-Japan Research Institute,  
Ritsumeikan University

9:05-9:15 Opening Remarks

Dr. Le Cong Tru  
Dean, Faculty of Economics, Nong Lam University -  
HCMC, Vietnam

Session 1 Moderator: Dr. Ho Thanh Tam

### Rural Strategies for Mitigating Climate Change

Presentation 1 9:15-9:45



Farmer's Intention to Sustainable Rice Farming in the Mekong Delta of Vietnam: An Application of Theory of Planned Behavior

Dr. Hoang Ha Anh  
Lecturer, Nong Lam University - HCMC, Vietnam

Presentation 2 9:45-10:15



Examining Poverty and Vulnerability among Farmer Households in Northeastern Thailand: Analyzing the Interplay of Drought and the COVID-19 Pandemic

Dr. Orawan Srisompun  
Assistant Professor, Maharakham University, Thailand

Presentation 3 10:15-10:45



Pig Farmers' Preferences for the Adoption of Good Animal Husbandry Practices in Vietnam: A Choice Experiment

Dr. Mai Dinh Quy  
Lecturer, Nong Lam University - HCMC, Vietnam

Presentation 4 10:45-11:15



Farmers' Perceptions and Adaptation Strategies in Response to Climate Change: A Case Study of Shallot Farmers in Indonesia

Dr. Mohammad Rondhi  
Associate Professor, Jember University, Indonesia

11:15-13:00 Lunch Break

Organizers and Moderators

Prof. Yasushi Kosugi  
Director, Asia-Japan Research Institute, Ritsumeikan University, Japan

Dr. Le Cong Tru  
Dean, Faculty of Economics, Nong Lam University - Ho Chi Minh City, Vietnam

Mr. Mai Dinh Quy  
Lecturer, Nong Lam University -  
Ho Chi Minh City, Vietnam

Dr. Nguyen Ngoc Thuy  
Head of International Relations Office, Nong Lam University - Ho Chi Minh City, Vietnam

Dr. Tran Quoc Thinh  
Assistant Professor, Ritsumeikan University, Japan

Prof. Koji Shimada  
College of Economics, Ritsumeikan University, Japan

Dr. Hoang Ha Anh  
Lecturer, Nong Lam University -  
Ho Chi Minh City, Vietnam

Dr. Ho Thanh Tam  
Senior Researcher, Asia-Japan Research Institute, Ritsumeikan University, Japan

Session 2 Moderator: Dr. Hoang Ha Anh

### Sustainable Rice Farming: Social and Economic Approaches

Presentation 5 13:00-13:30



Measuring Cost Efficiency and Its Determinants in Rice Farming in Mekong River Delta

Dr. Ho Trong Phuc  
Lecturer, Hue University of Economics, Vietnam

Presentation 6 13:30-14:00



Agriculture and Poverty Reduction in Cambodia: The Role of Rice Yield

Dr. Hay Chanthol  
Lecturer, University of Battambang, Cambodia

Presentation 7 14:00-14:30



Benefits of Sustainable Rice Farming and Influential Factors on Rice Farmers' Choice: A Case Study in Long An Province, Vietnam

Dr. Ho Thanh Tam,  
Ms. Yuna Yamanaka,  
Ms. Miku Suzuki,  
Mr. Seiya Yamashita, and  
Mr. Takuma Iwase  
Ritsumeikan University, Japan

14:30-15:00 Break

Session 3 Moderator: Dr. Tran Quoc Thinh

### Technological Innovations and Soil Management in Sustainable Agriculture

Presentation 8 15:00-15:30



Ca<sup>2+</sup>- Sensitive and Non-selective Na<sup>+</sup>/K<sup>+</sup> Channel Activity of a Barley Aquaporin HvPIP2;8 under Saline Condition

Dr. Tran Thi Huong Sen  
Lecturer, Hue University of Agriculture and Forestry, Vietnam

Presentation 9 15:30-16:00



The Effect of High Temperature on Vietnamese Rice Cultivars and Rice Cultivation Strategy to Cope with High Temperature

Dr. Tran Loc Thuy  
Researcher, Cau Long Delta Rice Research Institute, Vietnam

Presentation 10 16:00-16:30



Using SOFIX Analysis for Soil Fertility Evaluation in Japan

Dr. Tran Quoc Thinh and  
Mr. Tomoya Onishi  
Ritsumeikan University, Japan

16:30-16:50 Discussion session

Prof. Koji Shimada  
College of Economics, Ritsumeikan University, Japan

16:50-17:00 Closing Remarks

Prof. Koji Shimada