

## Program

### 29 September (Mon)

12:00~ Registration

13:00~13:20 Opening Ceremony

Michio Komai

(Dean, Graduate School of Agricultural Science and Faculty of Agriculture,  
Tohoku University,

Director, Tohoku Agricultural Science Center for Reconstruction, Graduate  
School of Agricultural Science, Tohoku University)

Welcome Address

Yutaka Nakai

(Director, Field Science Center, Graduate School of Agricultural Science,  
Tohoku University,

Vice Director, Tohoku Agricultural Science Center for Reconstruction, Graduate  
School of Agricultural Science, Tohoku University)

Welcome Address

13:20~14:50 Keynote Presentation-1

Chair Person: Kiyohide Morita (Tohoku University, Japan)

13:20~13:50 Kamaruddin Abdullah (Darma Persada University, Indonesia)

Case stories of Field science and Agriculture in Indonesia

13:50~14:20 Chen Tinggui (Shanghai Ocean University, China)

Impact of Food Safety Incident on Consumers' Willingness to Pay  
: the Case of China

14:20~14:50 Yutaka Nakai (Tohoku University, Japan)

The Rapeseed Project for Restoring Tsunami-Salt-Damaged  
Farmland after the GEJE

14:50~15:20 --Tea Break--

- 15:20~15:40      Young Scientist Presentation  
    Chair Person: Michiaki Omura (Tohoku University, Japan)
- 15:20~15:40    Jia Lei (Tohoku University, Japan)  
                    A Brief Summary of Development of Farmer Cooperatives in  
                    China
- 15:40~16:40      Keynote Presentation-2  
    Chair Person: Michiaki Omura (Tohoku University, Japan)
- 15:40~16:10    Daisuke Kunii (Policy Research Institute, Ministry of Agriculture, Forestry and  
                    Fisheries, Japan)  
                    Multi-Dimensional Assessment of Resource, Environment and  
                    Economy of Biomass Use - A Case Study of Firewood Use in  
                    Households in Nishiwaga-
- 16:10~16:40    Magaly Koch (Boston University, Boston, USA)  
                    Spectral and Thermal Mapping of Desert Surface Sediments
- 17:20~            Reception

30 September (Tue)

9:30~ Registration

10:00~11:20 Poster Presentation

Chair Person: Chinatsu Yonezawa (Tohoku University, Japan)

P1 Naoto Kuroiwa<sup>1</sup>, Yui Sato<sup>1</sup>, Mizuki Akamatsu<sup>1</sup> and Michiaki Omura<sup>1</sup>

(<sup>1</sup>Tohoku University, Japan)

Study on Use of Small Multi-Copter (UAV) in Agriculture

P2 Teruhiko Hoshino<sup>1</sup>, Toru Uno<sup>1</sup>, Ryosuke Tajima<sup>1</sup>, Toyoaki Ito<sup>1</sup> and Masanori Saito<sup>1</sup>

(<sup>1</sup>Tohoku University, Japan)

Vertical Distribution of Radiocesium in Pasture Soils after Pasture Renovation

P3 Elmer G. Bautista<sup>1</sup> and Masanori Saito<sup>2</sup>

(<sup>1</sup>Philippine Rice Research Institute (PhilRice), Philippines, <sup>2</sup>Tohoku University, Japan)

Greenhouse Gas Emission of Rice Production System in the Philippines based on Life Cycle Inventory Analysis

P4 Kenji Takisawa<sup>1</sup>, Gen Yoshida<sup>2</sup>, Chika Tada<sup>1</sup>, Yutaka Nakai<sup>1</sup> and Yasuhiro Fukuda<sup>1</sup>

(<sup>1</sup>Tohoku University, Japan, <sup>2</sup>Research Institute of Environment, Agriculture and Fisheries, Japan)

Energy Production from Fish Waste in Large-scale Anaerobic Digestion

P5 Moe Takada<sup>1</sup>, Chika Tada<sup>1</sup>, Yu Yoshihara<sup>1</sup>, Yasuhiro Fukuda<sup>1</sup>, Tuner Baldan<sup>2</sup> and

Yutaka Nakai<sup>1</sup> (<sup>1</sup>Tohoku University, Japan, <sup>2</sup>Mongolian State University of Agriculture, Mongolia)

Escherichia Coli in Tuul River, Mongolia

P6 Yumi Mori<sup>1</sup>, Fuyumi Tojo<sup>2</sup>, Yasuhiro Fukuda<sup>1</sup>, Chika Tada<sup>1</sup> and Yutaka Nakai<sup>1</sup>

(<sup>1</sup>Tohoku University, Japan, <sup>2</sup>Akita Prefectural University, Japan)

Enrichment and Characterization of an Ammonia-Oxidizing Archaeon of Moderate Thermophilic Taumarchaeotal Group I.1a From Cattle Manure Compost

P7 Yasunori Baba<sup>1,2</sup>, Chika Tada<sup>1</sup>, Yasuhiro Fukuda<sup>1</sup>, Masanori Saito<sup>1</sup> and Yutaka Nakai<sup>1</sup>

(<sup>1</sup>Tohoku University, Japan, <sup>2</sup>Japanese Society for the Promotion of Science)

Methane Production Using Cattle Rumen Fluids and Its Application to Reduce Volume of Radiation-Polluted Biomass

P8 Masami Nanzyo<sup>1</sup> (<sup>1</sup>Tohoku University, Japan)

Fundamentals to Improve Phosphorus Cycle in Soil-Plant Systems

11:15~11:30 Closing Ceremony

Masami Nanzyo

(Director, Innovative Research Center for Agricultural Science, Tohoku University)

Closing Remarks

Kiyohide Morita

(Professor, Laboratory of Field Science and Technology for Society)

Closing Remarks

13:00~ Excursion to Tsunami Damaged Area by the Tohoku Earthquake  
(For invited speakers)

**Contact**

Chinatsu Yonezawa

Associate Professor, Field Science and Technology for Society

Graduate School of Agricultural Science, Tohoku University

e-mail: chinatsu@bios.tohoku.ac.jp

TEL: 81-22-717-8661

Address: Amamiya 1-1, Sendai 981-8555, Japan

**Symposium Secretariat**

Mutsuko Kobayashi