



HOKKAIDO UNIVERSITY
**Graduate School of
GLOBAL FOOD RESOURCES**



2nd International Forum on Global Food Resources
***New Models for Research, Education and
Human Resource Development***

Program

Date: 5th and 6th October 2016
***Venue: Faculty of Agriculture,
Hokkaido University***

Organized by

**The Preparation Committee of the Graduate School of
Global Food Resources**

**Global Station for Food, Land and Water Resources,
Global Institution for Collaborative Research and Education**



HOKKAIDO
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Day 1 (Oct 5th)

Opening **13:00 - 13:20** **(venue: Grand Lecture Hall)** Coordinator: Prof. Inoue

Dr. Atsushi Yokota Chair of the Preparation Committee of the Graduate School of Global Food Resources, Hokkaido University
Dr. Keizo Yamaguchi President of Hokkaido University
Dr. Sharon P. Shoemaker Executive Director, California Institute of Food and Agricultural Research, UC Davis

Keynote **13:20 – 15:00** **(venue: Grand Lecture Hall)** Coordinator: Prof. Matsuishi

Dr. Gretchen Kalonji
Professor, Global Station for Food, Land and Water Resources, Hokkaido University
/Former Assistant Director General for Natural Sciences, UNESCO
"Perspectives on multinational university alliances on global food security"

Dr. Peter Gardiner
Director of Science, CGIAR Consortium
"Enhancing Global Food Resources: the CGIAR strategy and its future portfolio of programmes"

Dr. Jean Robert Pitte
Professor, Global Station for Food, Land and Water Resources, Hokkaido University
/Former President of University of Paris-Sorbonne
"What could bring the geographical approach to the new Graduate School of Food Studies?
- With the view of French way of quality farming production - "

Mr. Bent Brodersen and Ms. Lene Moth
Ringkøbing-Skjern Municipality and Farmers' Union of West Jutland, Denmark
"Role of the local community for the challenges of new practical education" (tentative)

Coffee Break **15:00 – 15:30**

Session 1 **15:30 – 18:30** **(venue: Grand Lecture Hall)** Coordinator: Prof. Sone

Title: Our Challenges in Food Production and Human Health

Prof. Teruo Sone (Hokkaido University): What we can do for the improvement of productivity under global warming: rice and wines

Prof. Amanda Bayer (University of Massachusetts): Improving irrigation efficiency and controlling plant growth with soil moisture sensors

Prof. Masashi Takahashi (Hokkaido University): Current status of reproductive techniques for efficient livestock production

Prof. Shuso Kawamura (Hokkaido University): Application of near-infrared spectroscopy (NIRS) for determining quality of grain and milk

Prof. Robert Hackman (University of California, Davis): Fruits, nuts, tea and cardiovascular health

Prof. Brian Fox (University of Wisconsin-Madison): Biochemical transformations contributing to sustainability of life on earth

Evening Session **19:00 – 21:00** **(venue: Room F319)** Coordinator: Prof. Funamizu

The purpose of this informal session is to discuss future perspectives on research work on resources for food production and food security. We have prepared the following questions:

- What are the issues on future food security globally and locally?
- Why are you studying current topics?
- How can we establish the new discipline on Global Food Resources?

This informal session is a kind of talk show with 10 minutes talks and fruitful discussion are expected.

Refreshments and light meals are available in this evening session.

Day 2 (Oct 6th)

Session 2 9:30 – 12:30 (venue: Grand Lecture Hall)

Coordinator: Prof. Matsuishi

Title: How Do We Contribute to the Current Issues in Global Food and Resource Problems?
– The Power of Humanities and Social Science –

Prof. Philippe Karpe (CIRAD): The Commons: a well-based and policy supportive concept to a new self-constructed community well-being

Prof. Takako Nabeshima (Hokkaido University): Historical acculturation of rural community: Why does a political scientist deal with African peasants?

Prof. Methee Kaewnern (Kasetsart University): Issues and perspective of the fishery management in ASEAN Countries

Prof. Kuniyuki Kobayashi (Hokkaido University): The rising of quality turn and network

Prof. Marit Kragt (The University of Western Australia): The opportunities and costs of climate change mitigation on Australian grain farms

Prof. Yoko Saito (Hokkaido University): Livestock insurance in rural Vietnam and poverty alleviation

Prof. Khin Mar Cho (Country Director of Myanmar / Cornell University): Linking agriculture, food systems and nutrition

Lunch Break 12:30 – 14:00

Session 3-1 14:00 – 15:20 (venue: Grand Lecture Hall)

Coordinator: Prof. Kawaguchi

Title: Soil and Water Environmental Science for Global Food Resource: Remote Sensing and Monitoring for Agricultural System and Crop

Prof. Luciano Gonzalez (The University of Sydney): The role of new technologies for research, education and monitoring of global food resources: Can an international network of sites be developed to provide near real-time information?

Prof. Tomomichi Kato (Hokkaido University): Sun-induced fluorescence measurement for real-time detecting of ecosystem-scale photosynthesis in crop field

Prof. Malika Madelin (Université Paris-Diderot Paris7): Ecosystems and agrosystems in the context of climate change: a geographical approach

Coffee Break 15:20 – 15:40

Session 3-2 15:40 – 17:00 (venue: Grand Lecture Hall)

Coordinator: Prof. Kato

Title: Soil and Water Environmental Science for Global Food Resource: Soil and Water Environment

Prof. Yoshitaka Uchida (Hokkaido University): Farm-scale nitrogen balances and use efficiencies on Hokkaido dairy farms

Prof. Junichi Kashiwagi (Hokkaido University): Temporal changes in soil fertility and the attempt to maintain the land productivity under slash- and-burn cultivation in the Northern Laos

Prof. Guizani Mokhtar (Hokkaido University): Bacterial endotoxin in reclaimed wastewater

Keynotes 17:00 – 17:50 (venue: Grand Lecture Hall)

Coordinator: Prof. Matsuisi

Dr. Sharon P. Shoemaker

Executive Director, California Institute of Food and Agricultural Research, UC Davis

“UC Davis and Hokkaido University Graduate School of Global Food Resources: Partners in excellence and innovation”

Dr. Takashi Inoue

Vice-Dean, Research Faculty of Agriculture, Hokkaido University

“Experience of Hokkaido University and its role on global food resources”

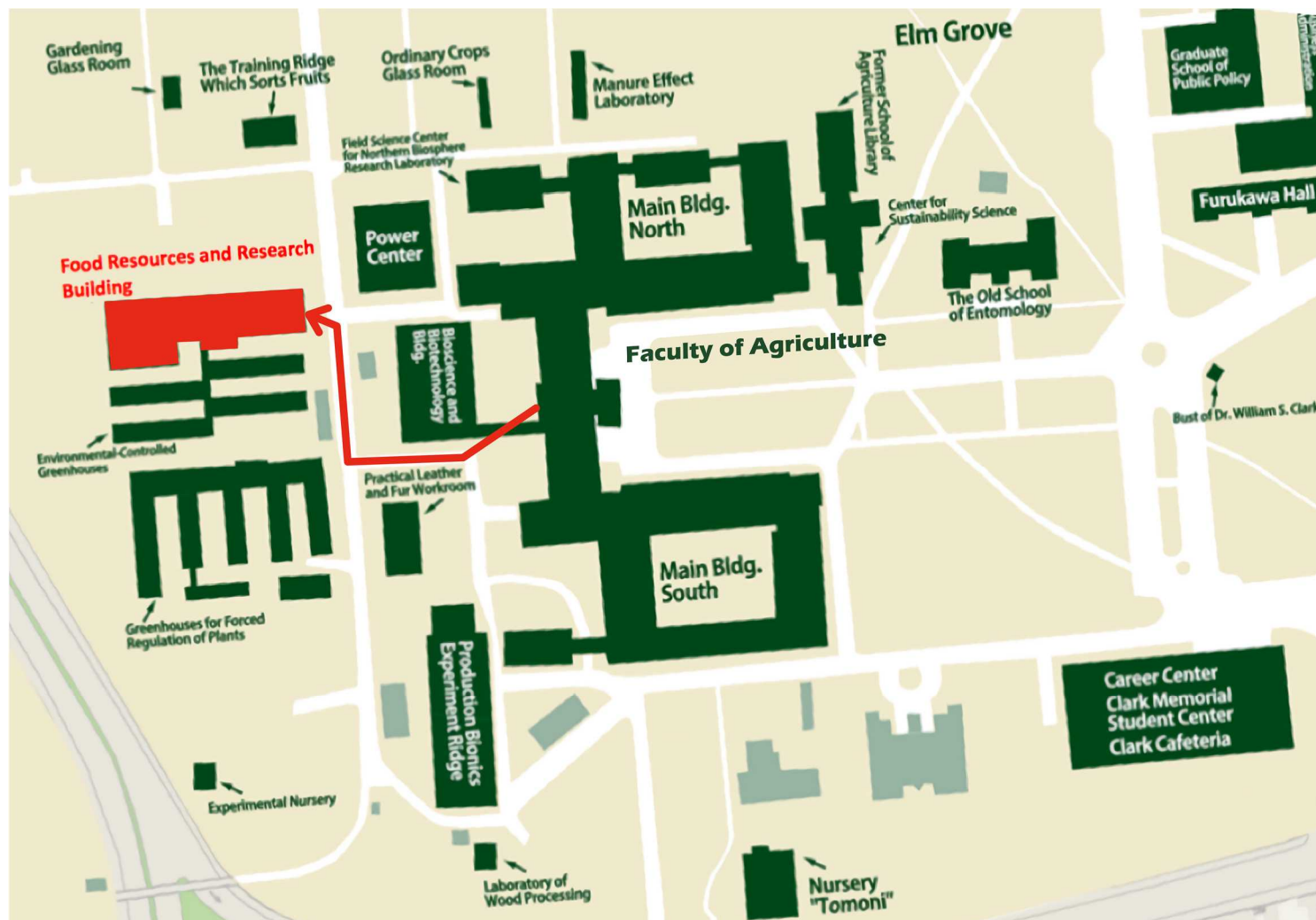
Closing

17:50 – 18:00 (venue: Grand Lecture Hall)

Coordinator: Prof. Funamizu

Farewell Reception 19:00 – 21:00 (venue: Keio Plaza Hotel Sapporo)

Evening Session



Date: 5th October 19:00-21:00

Venue: F319, Food Resources and Research Building