

Announcement and Call for Papers



THE INTERNATIONAL CONFERENCE ON SUSTAINABLE AGRICULTURE FOR FOOD, ENERGY AND INDUSTRY 2008

“Sustainability on Food, Feed, Fiber, Water, Energy:
Science, Technologies, Recycle-oriented Society and
Global Governance”

2008 July 2-6
Sapporo, Japan

Host
**International Council for Sustainable
Agriculture (ICSA)**

Co-Host
Rakuno Gakuen University
Hokkaido University
Research Faculty of Agriculture, Hokkaido University

Supported in part by
International Foundation for Sustainable Development
in Africa and Asia (IFSDAA)
Internationales Forschungszentrum für Erneuerbare
Energien e.V. Deutschland (IFEED)
National Agricultural Research Center for Hokkaido
Region, NARO
International Council, Society for Sustainable
Agriculture and Resource Management (ICSSARM)
Japan International Cooperation Agency (JICA)
Alumni Association, Faculty of Agriculture, Hokkaido
University

Conference Purpose

The conference will focus on the issues of: Security, Safety, Frugality, and Conservation.

The present challenges to ensure secure and safe supplies of food, feed, fiber, water, and energy for the world's population are immense. The ability of the Earth to sustain humankind is under tremendous pressure - from greenhouse gas emissions, population growth, degradation of water supplies, and the depletion of non-renewable, natural resources.

Agriculture - the foundation of modern civilization - supports culture, economic progress, and human dignity. Humankind cannot ignore the call to rationally, equitably, and efficiently steward the Earth's limited natural resources by using sound agricultural practices.

The purpose of the Conference is to provide an international forum for scientists and researchers in the field of sustainable agriculture to exchange information and achievements, to ascertain the challenges of the future, and to offer ideas for agricultural practices “that meet the needs of the present without compromising the ability of future generations to meet their own needs.”

The next G8 Summit will be held in Lake Toya, near Sapporo, in Hokkaido, Japan on July 7-9, 2008. Important topics to be discussed at this summit, include sustainability and environmental issues, empathizing global warming and climate change. Hokkaido University has decided to schedule a Summit Week of International Symposiums, Workshops and Forums for July 2-6, 2008. This offers an excellent opportunity to announce ICESA's appeal to the world, which will be reflected in the output of the conference. The conference will issue the "Sapporo Declaration on Sustainable Agriculture for food, Energy and Industry".

ICESA 2008 will be held in conjunction with the SGP International Conference on Sustainable Agriculture & Environment. All ICESA 2008 participants are warmly encouraged to attend.

Conference Venue

Conference Hall, Hokkaido University,
Faculty of Agriculture, Hokkaido University

Official Language

English is the official conference language.

Conference Sessions

Session 1. Global Climate Change and Ecosystems

Co-sponsor: National Agricultural Research Center for Hokkaido Region, NARO

Session Conveners: Naoyuki MATSUMOTO (National Agricultural Research Center for Hokkaido Region, Japan) and Ryoji SAMESHIMA (National Agricultural Research Center for Hokkaido Region, Japan)

Keywords: Emission and absorption of green house gases / Changes in agro-environments and ecosystems/ Remote sensing and GPS applications

Session 2. Farming Systems and Agro-ecology

Co-sponsor: National Agricultural Research Center for Hokkaido Region, NARO

Session Convener: Yoji NITTA (Ibaraki University, Japan)

Keywords: Organic farming / Tillage systems / Resources and the application of organic matter / Recycling of N and C microbial communities / Soil and water conservation/ integrated land management systems / Land management of marginal and fragile habitats

Session 3. Adaptive Management of Biodiversity

Co-sponsor: Center for Ecological Research, Kyoto University

Session Conveners: Noboru OKUDA (Center for Ecological Research), Yoshihisa SHIRAYMA (FSERC), and Junji TKAKABAYASHI (Center for Ecological Research)

Keywords: Ecosystem functioning / Ecosystem network / Encyclopedia of Life / GEOSS / Global warming / Ocean acidification / Social ecological system / Sustainable ecosystem service

Session 4. Integrated Farming and Bioenergy

Session Convener: N. EL BASSAM (International Research Centre for Renewable Energy (IFEED), Germany)

Keywords: Energy and industrial plants / Energy from biomass / Transportation biofuels / Integrated energy farms & communities / Fibers and chemicals

2nd Circular ICSA

Session 5. "Mottainai" - Reduce, Reuse, Recycle and Refuse (The 4 R's) - □

Session Convener: Mitsuru Osaki (SGP, Hokkaido University)□

Keywords: Renewable energy – production & consumption chains / Renewable water management - use of poor quality, brackish or sewage water / Rural bioresources & organic waste management

Session 6. Germplasm Conservation and Uses□

Session Convener: Rishi K. Behl (CCS Haryana Agricultural University, India)□

Keywords: Plant biodiversity- conservation & uses / Crop improvements for yield, resistance & quality - conventional & biotechnological / Transgenic crops for sustainable agriculture / Agro-forestry for food, fiber, fuel & timber

Session 7. Plant Interactions / Interfaces□

Session Convener: Takuro SHINANO (National Agricultural Research Center for Hokkaido Region, Japan) and Derek Goto (Creative Research Institute Sosei, Hokkaido University)□

Keywords: Plant, animal & beneficial-organism interactions / Rhizosphere management / Cultivation methods & plant adaptations / Crop husbandry / Integrated nutrients / Weed, pest, disease & rodent management

Session 8. Governance of Agro-ecosystems and Tradeoffs in Development□

Session Convener: Takao OSANAMI (Hokkaido University)□

Keywords: Welfare and trade-offs / Roles of cooperation, collection, participation & conservation in resource management / Local & global impacts of climate change / Sustainable agricultural production technology, adoption & diffusion / Sustainable development policies / Big players & small farmers / Trade & environment / Indigenous or traditional knowledge Education & training / Networking & institutions / Food security & nutrition

Session 9. Sustainable Pest Management□

Session Convener: Yutaka SAITO (Hokkaido University, Japan) and Anthony CHITTENDEN (Sustainability Governance Project, Japan)□

Keywords: Biological control / Integrated Pest Management (IPM) / Predator-prey interactions / Non-chemical pest management

Session 10. Bridging the Gap between Sustainability Science and Ecology□

Session Convener: Osamu SAITO (Waseda University, Japan) and Noriyuki TSUJI (SGP, Hokkaido University)□

Keywords: Ecology integrated with social or human sciences / Evaluation of biodiversity in ecology / Vulnerability & resilience of ecosystems / Integrated ecosystem services assessment / Ecologist collaborations / Environmental engineers & social scientists

Session 11. "Satoyama"- Human and Nature Interrelationships -□

Session Convener: Tetsuya AIKO (Hokkaido University)□

Keywords: Sustainable tourism for environmental conservation / Eco- & agro-tourism / Activation of rural communities / Park planning / Animal & horticultural therapy/ New aspects of Clean Development Mechanisms (CDM) / Reducing Emissions from Deforestation and Degradation in Developing Countries (REDD)

Parallel Symposium

1. SGP INTERNATIONAL CONFERENCE ON SUSTAINABLE AGRICULTURE AND ENVIRONMENT□(SGP-ICSAE)

Theme: Secure and safe supplies of food, feed, fiber, water, and energy for the world's population

Date: July 2-6, 2008 (immediately prior to the G8 summit that will be held between July 7 - 9 in Lake Toya, near Sapporo, Hokkaido.)

Venu: Conference Hall of Hokkaido University, Sapporo, Hokkaido 060-0808, Japan
http://castor.sci.hokudai.ac.jp/bmsws/conference_hall_map.htm

Host: Hokkaido University

Purpose:

The purpose of the Conference is to provide an international forum for scientists and researchers in the field of sustainable agriculture to exchange information and achievements, to ascertain the challenges of the future, and to offer ideas for

agricultural practices "that meet the needs of the present without compromising the ability of future generations to meet their own needs."

<http://www.sgp.hokudai.ac.jp/sgp-icsae/index.html>

2. Parallel Symposium of the International Conference on Sustainable Agriculture for Food, Energy and Industry 2008 (ICSA) hosted by Rakuno Gakuen University

Theme: Animal manure – environmental pollutant or resource for sustainable agriculture?

Date: 2008, July 2

Venu: Rakuno Gakuen University, Ebetsu, Hokkaido (<http://www.rakuno.ac.jp/>)

Host: Rakuno Gakuen University

Purpose:

The symposium will offer participants an opportunity to present the latest advances in the research and practical field on environmentally friendly use of animal manure in different countries.

<http://www.agr.hokudai.ac.jp/ICSA08/symposiums%20Rakuno.html>

Logistics

Banquet

Enreiso, Hokkaido University

Oral-Presentation Program

Please visit our website for details. Only those papers presented in person at the conference will be published in the proceedings. Time limits: 15 minutes for presenters, plus 5 minutes for questions.

Deadline for submission: **May 31, 2008** for Abstract, **June 20, 2008** for Full-text

Posters Program

Posters will be A0 size. The Application Form is on our website. There will also be a competition for best poster.

Deadline for submission: **May 31, 2008** for Abstract, **June 20, 2008** for Full-text

Exhibit Program

Exhibition booths are 1.8 m X 0.9 m and are to be supplied with one plain backboard, one desk, one power socket, and one computer network jack.

Deadline for submission: **May 31, 2008**

2nd Circular ICSA

Conference Schedule

July-2	Registration, Mixing, (Parallel Symposia)
July-3	Opening Ceremony and Regular sessions, Banquet, Poster Session, (Parallel Symposium)
July-4	Regular Sessions, Poster Session, (Parallel Symposium)
July-5	Regular Sessions, (Parallel Symposium)
July-6	Agenda and Closing Ceremony, Field Excursion

Registration

The registration fee for participants includes: attendance at plenary sessions and regular sessions, conference documents, mixing, breaks, conference banquet for July 3. The registration fee for traveling associates/partners/spouses includes: mixing, breaks, conference banquet for July 3.

Fees for Participants and Traveling Associates (includes applicable taxes)

Payment	before May 20	after May 21
Delegate	JPY 30,000	JPY 35,000
Student	JPY 10,000	JPY 11,000
Traveling Associate	JPY 10,000	JPY 15,000

(IMPORTANT) If you intend to participate the Satellite symposium co-hosted by Rakuno Gakuen University only, you do not pay the above fee. Please pay JPY2,000 to the registration desk at Rakuno University on the day.

Fees for Exhibitors (includes applicable taxes)

Payment	
All exhibitors	JPY 50,000

Lodging and Meals

Detailed information will be posted on our website.

Field Excursion

Detailed information will be posted on our website.

Publication policy

Symposium proceedings will be published on CD-ROM after the conference. Selected papers will be on a journal, "Sustainability Science", and an books (Now we are negotiating with publisher).

Secretariat of the Conference

Prof. Mitsuru Osaki
Hokkaido University, N9, W9, Kita-ku, Sapporo
060-8589, JAPAN
Email: mosaki@chem.agr.hokudai.ac.jp
Webpage
<http://www.agr.hokudai.ac.jp/ICSA08/framepage1.html>

Financial support

A LIMITED amount of financial support is available for persons from developing countries wishing to attend ICSA 2008. Intended to offset the costs incurred during the stay in Japan, the support will be paid upon registration in Sapporo. Applicants should submit their CV's, an abstract of their intended presentation. The Organizing Committee will judge each application on its merits and its decision shall be final.

The International Advisory Committee

M. Osaki (Conference Chair, Japan)
N. El Bassam (Germany), R. Behl (India), G. Best (Italy), A. Leu (Australia), B. S. Gill (USA), D. Li (China), J.M. Greef (Germany), M. Kern (Germany), B. Havrland (Czech Rep.), D.P. Singh (India), R.C. Johnson (USA), S. Ustak (Czech Rep.), L. Copeland (Australia), A. Wais (Germany), R. Strasser (Switzerland), T. Kleynhans (South Africa), A. Riedacker (France), E. Kothe (Germany), J. Kubat (Czech Rep.), M. Blummel (India), G. Flachowsky (Germany), B. Kasa (Ethiopia), C.T. Hash (India), O. Turkovskaya (Russia), K.W. Kahsai (Germany), R. Chhibar (Canada), G. V. Subbarao (Japan), B. P. Singh (USA), P. Maegaard (Denmark), T. A. Mohammed (Malaysia), J.Grassi (Belgium), B. Gupta (France), P. Pepo (Hungary), C. Hoogendoorn (China), T. Pratap (India), A. Tsegaye (Ethiopia)

Local Organizing Committee

Y. Takahashi (Osaka Univ.), K. Fukushi (Univ. Tokyo), M. Shiotani (Kyoto Univ.), K. Amano (Ibaraki Univ.), Y. Nitta (Ibaraki Univ.), M. Osaki (Hokkaido Univ.), N. Tanaka (Hokkaido Univ.), F. Yoshida (Hokkaido Univ.), N. Kurata (Hokkaido Univ.), Y. Saito (Hokkaido Univ.), H. Araki (Hokkaido Univ.), J. Matsuda (Hokkaido Univ.), T. Matsunaka (Rakuno Gakuen Univ.), T. Shinano (Hokkaido Univ.), H. Daido (NARO)

Deadlines

Abstracts of Oral-Presentations, May 31 2008

[Full-Text of Oral-Presentations, June 20 2008](#)
[Abstracts of Poster Program, May 31 2008](#)
[Full-Text of Poster Program, June 20 2008](#)
[Registration, May 20 2008 \(early bird\)](#)