

## Ag-ESD Symposium 2012 Program

Program of 2012 International Symposium on Agricultural Education for Sustainable Development

- October 28 (Sun.)** Arrival at Narita Airport [ ⇒ stay at ANA Crowne Plaza Hotel Narita ]
- October 29 (Mon.)**
- 10:30 Leave ANA Crowne Plaza Hotel Narita for University of Tsukuba (UT)
- 12:00 Arrival at University Hall, UT
- 12:00-13:00 Lunch
- 13:00-13:45 Registration and Orientation
- 13:45-14:00 Group Photograph
- 14:00-14:30 **Opening Ceremony** [ Special Conference Room, University Hall A ]
- Welcome Address
- Dr. Nobuhiro YAMADA, President, University of Tsukuba
- Opening Address (1)
- Mr. Takashi IMURA , Assistant Director-General for International Affairs,  
Japanese National Commission for UNESCO,  
Ministry of Education, Culture, Sports, Science and Technology
- Opening Address (2)
- Dr. Tomohiro TAKIGAWA, Director, Agricultural and Forestry Research Center (AFRC)  
(Associated Center of APEID) , University of Tsukuba  
【 \* Chairperson: Dr. TAJIMA 】
- 14:45-15:25 **Keynote Address**
- Dr. Junko SHINDO, University of Yamanashi
  - ◇ Topic: “Nitrogen flow model as a tool for evaluation of environmental performance of agriculture and effects on water environment”  
【 \* Chairperson: Dr. TAJIMA 】
- 15:25-15:55 **Keynote Address**
- Dr. Taichi MAKI, Agricultural and Forestry Research Center (AFRC),  
University of Tsukuba
  - ◇ Topic: “Artificial Rainfall Produced by the Seeding of Liquid Carbon Dioxide at Miyake and Mikura Islands in Japan”  
【 \* Chairperson: Dr. KATO 】
- 15:55-16:15 **Address**
- Dr. Ryojou NOGUCHI, Agricultural and Forestry Research Center (AFRC),  
University of Tsukuba
  - ◇ Topic: “Education for Sustainable Development in Agriculture at the University of Tsukuba”  
【 \* Chairperson: Dr. KATO 】
- 18:00-20:00 **Welcome Party** [ Restaurant Plaza, University Hall A ]

**October 30 (Tue.)**

- 09:00-09:40 **Invited Lecture (1)** [ Special Conference Room, University Hall A ]  
• Dr. Agus KARDINAN, Indonesia Medicinal and Aromatic Crops Research Institute  
◊ Topic: “The Use of Botanical Pesticide (Local Wisdom) to Reduce Environmental Impacts of Synthetic Pesticides in Indonesia”  
【 \* Chairperson: Dr. Naoya FUKUDA 】
- 09:40-10:20 **Invited Lecture (2)** [ Special Conference Room, University Hall A ]  
• Dr. Koshi YOSHIDA, Ibaraki University  
◊ Topic: “Future Water Use in Asia Monsoon Region: A Case Study in Indonesia”  
【 \* Chairperson: Dr. Agus KARDINAN 】
- 10:20-11:00 **Invited Lecture (3)** [ Special Conference Room, University Hall A ]  
• Dr. Naoya FUKUDA, University of Tsukuba  
◊ Topic: “Advanced ‘Light’ Technologies for Sustainable Development in Protected Horticulture”  
【 \* Chairperson: Dr. Koshi YOSHIDA 】
- 11:00-12:10 Break and Lunch ( Free )
- 12:15-13:30 **Discussion with Students** [Auditorium, University Hall A]  
• Dr. Rex Victor O. CRUZ, University of the Philippines, Los Baños  
• Dr. Savitree RANGSIPAHT, Kasetsart University  
• Dr. Purnama HIDAYAT, Bogor Agricultural University  
• Dr. Paul Grumstrup JOHNSON, Utah State University
- 13:30-14:00 Break
- 14:00-14:40 **Invited Lecture (4)** [ Special Conference Room, University Hall A ]  
• Mr. Patrick AKOWUAH, Ministry of Food and Agriculture  
◊ Topic: “Promoting conservation agriculture technologies for sustainable agricultural production through capacity building of field extension agents”  
【 \* Chairperson: Mr. Yoshiya SHINOTO 】
- 14:40-15:20 **Invited Lecture (5)** [ Special Conference Room, University Hall A ]  
• Mr. Daniel Mwangangi KINYUMU, Ministry of Agriculture, KENYA  
◊ Topic: “Conservation Agriculture: A solution to dry land rain fed farming? Experiences and perceptions by small holder farmers in Laikipia District, Kenya”  
【 \* Chairperson: Ms. Haruna KAZAMA 】
- 15:20-15:40 Break
- 15:40-16:20 **Invited Lecture (6)** [ Special Conference Room, University Hall A ]  
• Mr. Phonphachanh KEOVILAY, Livestock and Fisheries Section, Provincial Agriculture and Forestry Office, LuangNamtha Province, Laos  
◊ Topic: “Promoting Household Biogas Technology to Improve the Agricultural Production in Laos”  
【 \* Chairperson: Mr. Ryosuke FUKUYAMA 】
- 16:20-17:00 **Invited Lecture (7)** [ Special Conference Room, University Hall A ]  
• Mr. Stephen Mutuku NZIOKA, Ministry of Agriculture, KENYA  
◊ Topic: ““Do-nou” Technology: Encourage Smallholder Horticulture Farmers to Take Initiative for Maintenance of Rural Access Roads in Kenya”  
【 \* Chairperson: Ms. Sachnaz OKTARINA 】

**October 31 (Wed.)**

- 09:00-09:40 **Invited Lecture (8)** [Special Conference Room, University Hall A]  
• Dr. Purnama HIDAYAT, Bogor Agricultural University  
◊ Topic: “The Roles of Higher Agricultural Education Institutions  
In Sustainable Agriculture Development in Indonesia”  
【 \* Chairperson: Dr. Paul Grumstrup JOHNSON】
- 09:40-10:20 **Invited Lecture (9)** [Special Conference Room, University Hall A]  
• Dr. Savitree RANGSIPAHT, Kasetsart University  
◊ Topic: “Agricultural Extension in Thailand Based upon Viewpoints of an  
Innovative Thinker: Prof. Rapee SAGARIK”  
【 \* Chairperson: Dr. Purnama HIDAYAT】
- 10:20-11:00 **Invited Lecture (10)** [Special Conference Room, University Hall A]  
• Dr. Rex Victor O. CRUZ, University of the Philippines Los Baños  
◊ Topic: “Reformulating Agriculture and Forestry Education in the  
Philippines: Issues and Concerns”  
【 \* Chairperson: Dr. Savitree RANGSIPAHT】
- 11:00-12:10 Break and **Poster Viewing** [ Lounge at 30<sup>th</sup> Anniversary Hall]  
12:10-13:10 Lunch (Box lunch ) [Meeting Room No. 3, University Hall A]  
13:10-13:50 **Invited Lecture (11)** [Special Conference Room, University Hall A]  
• Mr. Ahmad Zaki FAZEL , NATC (Nangarhar Afghan Agriculture Training Center)  
◊ Topic: “Environmental Change Process & its Effect on Afghan Farmers  
Livelihood with Focus to Forests Situation”  
【 \* Chairperson: Dr. Rex Victor O. CRUZ】
- 13:50-14:30 **Invited Lecture (12)** [Special Conference Room, University Hall A]  
• Dr. Paul Grumstrup JOHNSON, Utah State University  
◊ Topic: “Priorities for turfgrass management and education to enhance  
urban sustainability worldwide”  
【 \* Chairperson: Mr. Ahmad Zaki FAZEL】
- 14:30-15:00 Leave University Hall A for Agricultural and Forestry Center (AFRC)  
15:00-16:10 **Visit Agricultural and Forestry Research Center**  
• Explanation about AFRC • Tour of facilities, etc.  
16:10-17:00 Leave AFRC for University Hall (Annex )  
17:00 Arrival at University Hall (Annex )

**November 1 (Thu. )** 《 **Poster Session** 》 [ Lounge at 30<sup>th</sup> Anniversary Hall]

- 09:00-12:00 **Poster Presentation**  
• Selected persons: Graduate students, etc.
- 12:00-13:00 Lunch ( Free )
- 13:00-15:00 **Poster Presentation**
- 15:00-16:30 **Invited Lecture (13)** [ Special Conference Room, University Hall A ]  
• Mr. Taizo KUDO  
Senior High School at Sakado, University of Tsukuba  
◊ Topic: “High School Students’ International ESD Symposium @ Tsukuba 2012”  
【 \* Chairperson: Dr. Morio KATO】
- 16:30-16:40 Break

16:40-17:10 **Awards Ceremony for Best Poster Presentation**

<b>November 2 (Fri.)</b>	<b>《 Young Researcher's Forum 》</b>
09:00-09:30	<b>Presentation (1)</b> [ Special Conference Room, University Hall A ] • Mr. Keita HOSOYA, Ibaraki University ◇ Topic: “Analysis on the Occurrence of Chalky Rice Grain Taking into Consideration of All of the Grains within a Panicle” 【 * Chairperson: Ms. Yuki NAKAJIMA 】
09:30-10:00	<b>Presentation (2)</b> [ Special Conference Room, University Hall A ] • Mr. Agri Kadati KARDINAN, Bogor Agricultural University ◇ Topic: “The Potency of <i>Melaleuca bracteata</i> and <i>Ocimum minimum</i> Leaves Extracts as Fruit Flies ( <i>Bactrocera dorsalis</i> complex) Attractant on Guava and Star Fruit Orchards in Bogor, West Java, Indonesia” 【 * Chairperson: Mr. Keita HOSOYA 】
10:00-10:30	<b>Presentation (3)</b> [ Special Conference Room, University Hall A ] • Ms. Kansiree JINDAPUNNAPAT, Kasetsart University ◇ Topic: “Biological Control of Root-Knot Nematodes ( <i>Meloidogyne enterolobii</i> ) on Guava by the Fungal Biological Control Agent, <i>Trichoderma harzianum</i> ” 【 * Chairperson: Mr. Agri Kadati KARDINAN 】
10:30-10:45	Break
10:45-11:15	<b>Presentation (4)</b> [ Special Conference Room, University Hall A ] • Mr. Ryan Rodrigo P. TAYOBONG, University of the Philippines Los Baños ◇ Topic: “Edible Landscaping in the Philippines: An Artistic Approach for Small-Scale Crop Production” 【 * Chairperson: Ms. Kansiree JINDAPUNNAPAT 】
11:15-11:45	<b>Presentation (5)</b> [ Special Conference Room, University Hall A ] • Ms. Mei Hua WU, University of Tsukuba ◇ Topic: “Honeybee gastrointestinal bacteria for the development of novel and sustainable honeybee disease control strategies” 【 * Chairperson: Mr. Ryan PANER TAYOBONG 】
11:45-12:15	<b>Presentation (6)</b> [ Special Conference Room, University Hall A ] • Ms. Yuki NAKAJIMA, University of Tsukuba ◇ Topic: “Development of the novel method for isolating gonadal germ cells from early chick embryos” 【 * Chairperson: Ms. Mei Hua WU 】
12:15-14:00	Lunch and Break
14:00-15:00	<b>Closing Ceremony</b> [ Special Conference Room, University Hall A ] ( Includes Awards Ceremony for the Best Presentation )
15:00-18:00	Free Time
18:00-20:00	<b>Farewell Party</b> [ Restaurant at Administration Center ]
<b>November 3 (Sat.)</b>	
07:00-18:00	Departure from Japan