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 UGSAS-GU

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 August 2014

 Gitu, Japan



Organized by The United Graduate School of Agricultural Science Gifu University

Graduate School of Applied Biological Sciences Gifu University

Graduate School of Agriculture Shizuoka University

Welcome Message from the Dean of the UGSAS-GU



It is a pleasure and an honor for me to welcome you to the 3rd UGSAS-GU Roundtable and Symposium 2014. I am pleased to see once again so many distinguished experts from many countries across the region, including Bangladesh, India, Indonesia, Thailand, Vietnam and Japan. We are drawn together with the common goal of developing "International Consortium of Universities in South and Southeast Asia Region for the Doctoral Education on the Agricultural Science and Biotechnology (IC-GU12)".

This exciting event consists of:

- 1) Roundtable, for "IC-GU12" on 4th August,
- 2) Symposium, "Recent Topics in Agricultural Science and Biotechnology", followed by a poster session on 5th August, and
- 3) Expedition tour to the mouth of Kiso Three Rivers on 6th August.

In the roundtable, each delegate will present one topic related to collaboration systems in doctoral programs such as dual degree system, sandwich system and propose unique and beneficial systems. I hope we can address the state of agreement in the end of this conference.

For the symposium, we can enjoy the scientific world produced by twelve invited speakers including alumnae and alumni of the UGSAS-GU. It will enable us to share their research and accomplishments as well as review the research currently being conducted by their peers.

The final event is a field expedition tour to the mouth of Kiso Three Rivers. This area is so interesting to the field scientists that I am sure you will be satisfied with this tour as the last part of this three-day event.

We look forward to welcoming you to Gifu in August, 2014.

Masateru Senge, Ph.D. Dean of the United Graduate School of Agricultural Science, Gifu University

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Welcome Message from the Dean of the Graduate School of Applied Biological Sciences, Gifu University



It has been one year since the 2nd UGSAS-GU Roundtable & Symposium was held in July, 2013. In the previous roundtable, the current situation of respective collaborations and our future plans were discussed, and I believe attendees spent a pleasant time.

This year, we, the Graduate School of Applied Biological Science at Gifu University will start a new English-taught Master's course from October. The Graduate School of Agriculture at Shizuoka University has already started the same course last October. After finishing these two-year master's courses, students can pursue their studies at the UGSAS-GU, the three-year doctoral course. We are sure that the new system will open educational opportunities to international students, especially for those who are studying at IC-GU12 member universities.

The Graduate School of Applied Biological Science at Gifu University offers 2 divisions: "Applied Life Science" and "Agricultural Science". The former has two courses: "Molecular Life Science" and "Life Science for Foods". The Latter has four courses: "Plant Production", "Animal Science", "Field Ecology" and "Ecological and Environmental Management".

The Graduate School of Agriculture at Shizuoka University provides three divisions. "Symbiosis and Bioscience" is composed by two courses of "Agricultural Bioscience" and "Human and Environmental Science"; "Applied Biochemistry" has a course of "Applied Biochemistry"; "Environmental and Forest Science" is composed by two courses of "Forest Research Environmental" and "Studies, Living Spaces Environmental Studies".

Please recommend your university's distinguished students to Gifu and Shizuoka University. We will cultivate human resources that can play an active role on the global stage. We look forward to being able to meet them in the near future.

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Hirokazu Fukui, Ph.D. Dean of the Graduate School of Applied Biological Sciences, Gifu University



- Towards the development of the International Consortium of Universities in South and Southeast Asia Region for the Doctoral Education on the Agricultural Science and Biotechnology (IC-GU 12) -

13:00-13:10 **Opening Remarks** Welcome Message from the President of Gifu University

Introduction		
Prof. Hirokazu Fukui (Graduate School of Applied Biological Sciences, Gifu University)		
Prof. Akira Nukaya (Graduate School of Agriculture, Shizuoka University)		
Prof. Fusheng Li (BWEL, Gifu University)		
Break		
Prof. Tohru Mitsunaga (UGSAS, Gifu University)		
Guest Prof. Haruya Kato (UGSAS, Gifu University)		
Prof. Shahid Akhtar Hossain (University of Dhaka)		
Prof. Siti Subandiyah (Gadjah Mada University)		
Prof. Venkata Dasu Veeranki (Indian Institute of Technology Guwahati)		
Assist. Prof. Pongtharin Lotrakul (Chulalongkorn University)		
Prof. Dahrul Syah (Bogor Agricultural University)		
Prof. Sanjib Kumar Panda (Assam University)		
Break		
Ms. Nguyen Thi Hong Hanh (Hanoi University of Science and Technology)		
Assoc. Prof. Novizar Nazir (Andalas University)		
Assist. Prof. Vijak Chimchome (Kasetsart University)		
Prof. Ahmad Yunus (Sebelas Maret University)		
Prof. Luo Tingrong (Guangxi University)		
General Discussion		
Signing Ceremony / Closing Remarks		
Photo Shoot		

19:00-21:00 Banquet

Venue : Gifu Miyako Hotel, (See P.9 for more details)

Chair: Prof. Masateru Senge (Dean, UGSAS-GU) Facilitator: Prof. Tohru Suzuki (Vice Dean, UGSAS-GU) 3



- Recent Research Topics in Agricultural Science and Biotechnology-

09:25-09:30 **Opening Remarks**

Prof. Masateru Senge (Gifu University, Japan)

- 09:30-10:00 Assoc. Prof. Novizar Nazir (Andalas University)
- 10:00-10:30 Prof. Venkata Dasu Veeranki (Indian Institute of Technology Guwahati)
- 10:30-11:00 Assoc. Prof. Rarastoeti Pratiwi (Gadjah Mada University)
- 11:00-11:30 Dr. Irmanida Batubara (Bogor Agricultural University)
- 11:30-12:00 Assist. Prof. Nanung Agus Fitriyanto (Gadjah Mada University)
- 12:00-13:00 Lunch Break
- 13:00-13:30 Prof. Luo Tingrong (Guangxi University)
- 13:30-14:00 Assist. Prof. Vijak Chimchome (Kasetsart University)
- 14:00-14:30 Prof. Nguyen Van Cach (Hanoi University of Science and Technology)
- 14:30-15:00 Assist. Prof. Pongtharin Lotrakul (Chulalongkorn University)
- 15:00-15:15 Break
- 15:15-15:35 Assoc. Prof. Eny Lestari (Sebelas Maret University)
- 15:35-15:55 Ms. Sumani (Sebelas Maret University)
- 15:55-16:15 Assoc. Prof. Sudadi (Sebelas Maret University)
- 16:15-16:45 General Discussion / Closing Remarks
- 17:30-19:30 UGSAS-GU & BWEL JOINT POSTER SESSION (Snacks provided)



Poster Session Venue : 6th Floor, UGSAS Bldg, Gifu University

Symposium Titles

-Recent Research Topics in Agricultural Science and Biotechnology-

Topic 1 09:30 – 10:00	Bioenergy in Indonesia: Challenges and Opportunities Assoc. Prof. Novizar Nazir (Andalas University)
Topic 2 10:00 – 10:30	Exploring Bio-resources and Bio-prospecting for the Development of North-East India Prof. Venkata Dasu Veeranki (Indian Institute of Technology, Guwahati)
Topic 3 10:30 – 11:00	Development of Local Black Rice for Functional Foods Assoc. Prof. Rarastoeti Pratiwi (Gadjah Mada University)
Topic 4 11:00 – 11:30	Indonesian Mangrove for Whitening Agents Dr. Irmanida Batubara (Bogor Agricultural University)
Topic 5 11:30 – 12:00	Beneficial Microbes in Animal Waste Management System Assist. Prof. Nanung Agus Fitriyanto (Gadjah Mada University)
Topic 6 13:00 – 13:30	Molecular Epidemiology of Rabies in Guangxi Province of Southern China Prof. Luo Tingrong (Guangxi University)
Topic 7 13:30 – 14:00	Success and Lessons Learnt from Wildlife Conservation in Thailand Assist. Prof. Vijak Chimchome (Kasetsart University)
Topic 8 14:00 – 14:30	Contribution to the Developing New Kind of Method of Communal Waster Water Treatment Prof. Nguyen Van Cach (Hanoi University of Science and Technology)
Topic 9 14:30 – 15:00	Value-added Products from the Tropical Phylloplane Black Yeast Aureobasidium Pullulans Isolated in Thailand Assist. Prof. Pongtharin Lotrakul (Chulalongkorn University)
Topic 10 15:15 – 15:35	Strategy for Poverty Alleviation in Rural Areas (A case study of creative industry through cultural integration and institution transformation) Assoc. Prof. Eny Lestari (Sebelas Maret University)
Topic 11 15:35 – 15:55	Local Wisdom for Predicting Weather in Agriculture Ms. Sumani (Sebelas Maret University)
Topic 12 15:55 – 16:15	Biofilm Biofertilizer: The Influence of Plant and Soil Factors on its Effectively and Consistency Assoc. Prof. Sudadi (Sebelas Maret Uniersity)

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Good News from the REVIEWS IN AGRICULTURAL SCIENCE

I would like to appreciate your devoted and unselfish cooperation for acting as editors, reviewers, and authors of our REVIEWS IN AGRICULTURAL SCIENCE, publishing by the United Graduate School of Agricultural Science (UGSAS), Gifu University.

I have several delightful good news.

First, we grant to open the door to all of the UGSAS colleague in Japan and their affiliated schools in foreign countries. As you may know, the authorship had been restricted to the alumnae and alumni, students, and academic staff of the UGSAS, Gifu University. Our academic effort of publishing the REVIEWS IN AGRICULTURAL SCIENCE for these two years is highly evaluated by other UGSAS, Iwate Univ., Tokyo Univ. of Agriculture and Technology, Tottori Univ., Ehime Univ., and Kagoshima Univ., and now we decide to share this valuable vehicle with all UGSAS.

Second, we want to proudly announce that one of our students publish his review article in the first issue of volume 2 of REVIEWS IN AGRICULTURAL SCIENCE. This article must be a mass of knowledge acquired during his course study, and all of the articles in volume 1 written by the symposium speakers were good examples for his writing. Our original mission is to provide an opportunity to publish comprehensive and critical reviews for young scientists. His article is the milestone of our academic activity.

Please visit the journal's WEB site for more information e. g. aims and scope, editorial board and instructions for authors at ">http://www.agarsci.jp/ras>.

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Makoto Mori, Ph.D. Editor in Chief Guest Professor, Gifu University Professor Emeritus, Shizuoka University

Gifu University Rearing Program for Basin Water Environmental Leaders (BWEL)

The Environment Leaders Training Program, launched by Japanese Government in 2008, is aimed at fostering environment leaders who can deal with serious environmental issues faced by developing countries. As one among totally 17 universities adopted by Japanese Government for implementing the program, Gifu University assembled its academic human resources from its faculties and centers, and started to foster environmental leaders under the strong leadership of its president with the program title called "Gifu University Rearing Program for Basin Water Environmental Leaders (BWEL)" from 2009.

The implementation force for this program is mainly consisted of the River Basin Research Center, the Division of Civil Engineering and the Division of Environmental and Renewable Energy Systems of the Graduate School of Engineering, the Division of Agricultural and Environmental Science of the Graduate School of Applied Biological Sciences, the Graduate School of Regional Studies and the United Graduate School of Agricultural Science. Through further strengthened cooperation, a characteristic educational curriculum was designed and has been used for BWEL



Teaching practice by D3 student

Joint Seminar

Lecture to high school by D2 student

program students pursuing either master or doctoral degree or both. The Promotion Office of BWEL established soon after the adoption of the program by the government is the main responsible unit dealing with all activities relating to liaison and coordination with organizations within and beyond the university, in addition to its members' teaching duty for several subjects

designed for the program (including three special lectures, three special practice subjects, domestic and overseas group internship, joint seminar) and other activities such as students' recruitment.

Thanks also to the great support from off-campus organizations, the program has been running quite smoothly. From 2009-2013, totally 131 students were



enrolled, and 78 learning for master's degree (31 Japanese students and 47 international students from Asia) and 8 for doctoral degree (international students from Asia) had successfully completed their study. Currently, 58 students from Bangladesh, China, Indonesia, Mongolia, Vietnam, Sri Lanka and Japan are learning under the program.

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Field Expedition Tour to the mouth of Kiso Three Rivers 6th August, 2014

- 09:00-09:15 Pick Up
- 10:45-11:45 Nagaragawa Estuary Barrage
- 12:00-14:00 Nabana no Sato (Lunch Break)
- 14:30-15:30 Kiso Sansen Park Center
- 16:00-17:00 Ochobo Inari Shrine
- 18:30-19:00 Gifu



Nabana no Sato

Kiso Sansen Park Center



Ochobo Inari Shrine

Roundtable & Banquet Venue

Gifu Miyako Hotel 2nd floor 2695-2, Nagara Fukumitsu, Gifu City, Gifu 502-0817, Japan

Tel:+81-58-295-3100



Access



From the Airport

Meitetsu Nagoya Main Line

From Chubu Centrair International Airport Station to Meitetsu Gifu Station: Approx. 55 minutes

Bus ·

Meitetsu Gifu Station Bus Platform (Right in front of Tokyo-Mitsubishi UFJ Bank)

Platform 4: City Loop Line (Counterclockwise Loop); Get off at Nagaragawa Kokusai Kaigijō Kitaguchi. 3-minute walk from the bus stop

Meitetsu Gifu Bus Terminal

Platform C: Mitahora Line K50, K51, K55; Get off at Nagaragawa Kokusai Kaigijō-mae. 2-minute walk from the bus stop.

Taxi

JR Gifu Station/Meitetsu Gifu Station: Approx. 15 min/Approx. 1,800 JPY

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The United Graduate School of Agricultural Science, Gifu University

Roundtable Attendee List

(In alphabetical order)

Country / University	Name / Title / Contact	
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The United Graduate School of Agricultural Science, Gifu University

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Co-Organized by Academic and International Information Department International Planning Division Gifu University

> Supported by Gifu Convention and Visitors Bureau