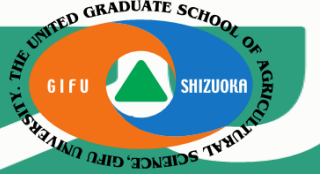


NEWS THE UNITED GRADUATE SCHOOL OF AGRICULTURAL SCIENCE-GIFU

Issue 13

The United Graduate School
of Agricultural Science,
Gifu University
Jan. - Dec. 2024



MESSAGE from DEAN

My fifth year as Dean of the Graduate School of Agricultural Science is about to end. The term of office was previously limited to a maximum of four years, so this is an exceptionally long time, but the road to our goal of becoming an international center for agricultural research is far from complete.

The biggest topic in 2024 is certainly the adoption of the Spring Project by the Tokai National Higher Education and Research System in which Gifu University is involved. Nearly 30 students in our graduate school have received scholarships from this project. We would like to express our gratitude to Professor Koyama, the representative of the program at Gifu University, and other people concerned. Another significant development is that the Cotutelle programs with the University of Lille, France and Vytautas Magnus University, Lithuania, have started to operate. One French student immediately enrolled in the program, and two more students are expected to apply in the next academic year. This Cotutelle program is operated in a similar way to the Joint Degree Program, and since it offers significant advantages to both parties, we have begun exchanging opinions with the IC-GU12 partner universities about introducing the program.

In November, we co-hosted an international conference on climate change with Sebelas Maret University, which was attended by many researchers and graduates from IC-GU12 partner universities, and we were able to renew old friendships. I believe that it is one of the roles of our graduate school to improve the research capabilities of faculty, students, and graduates through international exchange. In the next year, the VI Asia Symposium on Quality Management in Postharvest Systems is scheduled to be held at Shizuoka University, and we plan to co-sponsor the Symposium to support the faculty and students involved and to strengthen cooperation with the IC-GU12 partner universities.

We would like to ask for your continued support for the development of our graduate school.

Ken Hiramatsu, Ph.D.



Nov.6 – 8, 2024

The 10th International Conference on Climate Change (ICCC) 2024

The 12th The Roundtable meeting 2024

06



On November 6, the United Graduate School of Agricultural Science (UGSAS) held the IC-GU12 Roundtable Meeting 2024 for the South Asia Consortium for Doctoral Education in Agricultural Sciences (IC12; comprising 21 universities from 9 countries in South and Southeast Asia including Japan). From the partner universities and UGSAS, a total of 25 participants, 14 in person and 11 online, joined the meeting. Following the opening speech by Professor Hiramatsu, Dean of UGSAS, the representative participant from each university shared the latest status of their university. This year, the main topic was the Cotutelle program. After the outline of the program including the definition, advantages, comparison with joint degree program and double degree program, a lively discussion continued. The meeting was a meaningful opportunity for the future of the consortium.

The 10th International Conference on Climate Change

"The 10th International Conference on Climate Change", focused on "Climate Change, Plant, and Health", was jointly hosted by Sebelas Maret University (Indonesia) and UGSAS with 56 in-person and 66 online participants in total. On the morning of November 6th, Professor Uddin, Texas A&M University, Professor Hadiwiyono, Sebelas Maret University, Indonesia and Professor Muraoka, Gifu University, made keynote speeches in the auditorium. In the afternoon and the next day, invited speeches and presentations were given in four venues. On the third day, many of the in-person participants went on an excursion to Takayama city and observed Takayama Field Station, Center for Environmental Societal Sustainability.



06-07-08



UGSAS-GU Poster Presentation on Agricultural Sciences

2024



On the afternoon of November 7, "UGSAS-GU Poster Presentation on Agricultural Sciences", co-organized by UGSAS and IC-GU12, was held in the Hall of UGSAS building. Twenty eight students, 22 from Gifu university and 6 from Shizuoka university, made enthusiastic presentations on their research to the audience and answered questions from them. Four best presenters were elected by voting and an awarding ceremony was held.

Best Presenters

Abdi

Plant Production
and Management D2

**Nahar
Ashrafun**

Plant Production
and Management D1

**Niken
Nabilaputri
Pranaasri**

Management of Biological
Environment D3

Seichi Suzuki

Utilization of
Biological Resources D2



The University of Lille



Vytautas Magnus University



Sher-e Bangla Agricultural University

MEXT Scholarship

The "UGSAS Fostering Leadership Program in Agricultural Science and Biotechnology" has been selected as a special program to give priority for MEXT Scholarship. We have already admitted a few students from member universities of IC-GU 12 in our Master and Doctoral course for AY 2024 and will continue this special program for AY2025 and 2026. We welcome your recommendation of outstanding students who are pursuing master's or doctoral degree.

International exchange in 2024

2024 was the year of promoting further exchange of students and research in agricultural field through lectures, opinion exchange and conclusion of

● **The University of Lille, (France, April 2-3, September 5)**

A delegation with Prof. Ando (iGCORE, UGSAS), Dean Prof. Hiramatsu, Vice Dean Prof. Nakano, Vice Dean Prof. Yabe (UGSAS) visited The University of Lille for the purpose of inspection and forming a consensus about the Cotutelle program. The delegation had a discussion with Chancellor Regis Bordet and Vice Chancellor Didier Gosset for further cooperation. On September 5, our President Yoshida and Dean Hiramatsu revisited the university to sign the agreement about Cotutelle program.

● **Vytautas Magnus University (Lithuania, September 8)**

President Yoshida and Dean Prof. Hiramatsu visited Chancellor Astrida Miceikiene of Agriculture Academy, Vytautas Magnus University to sign the agreement and observed some facilities there.

● **Visits to Bangladesh and Thailand**

From December 1 to 5, Vice Dean Prof. Nakano visited Sher-e-Bangla Agricultural University, Bangladesh Agricultural University and Bangabandhu Sheikh Mujibur Rahman Agricultural University to discuss further collaboration. On December 6, in Bangkok, Thailand, at King Mongkut's University of Technology Ladkrabangtain, a discussion about collaborative research was made with Associate Prof. Chairat Techavuthiporn.

Special Lecture on Agriculture III

In 2024, following lectures were delivered as Special Lecture on Agriculture III.

August 22 (Thur.) by Dr. Ardhiani Kurnia Hidyanti,
Institut Teknologi Bandung

September 18 (Wed.) by Dr. Yoyo Suhaya and
Dr. Eka Mulya Alamsyah,
Institut Teknologi Bandung

December 2 (Mon.) by Dr. Allen G. Good,
University of Alberta

December 4 (Wed.) by Prof. Vimal Katiyar,
Indian Institute of Technology Guwahati



Entrance Ceremony

UGSAS welcomed new students at the ceremony on April 7 and October 11. The numbers of students enrolled are as follows;

April:23 students (incl. 7 international students)

October:11 students (incl. 10 international students)

Completion Ceremony

Completion ceremony was held on March 25 at Nagaragawa Convention Center and on September 13 at Gifu University Auditorium. The numbers of students who received the doctoral diploma from March to September 2024 are as follows;

March:17 students (incl. 8 international students)

June:1 student (international student)

September:7 students (incl.5 international students)



Award winners 2024

- **EgraS.**, Kuspradini,H., Sari NH., Yamauchi K.(2024).

An investigation of the antimicrobial potential of seven species of Pteridophyta. International Conference on Climate Change, Agriculture, Biodiversity, and Environment Study (CABE 2024). Best Paper.

- **Yuta Ohata**, Takafumi N Sugimoto, Yohsuke Tagami (2024). Toward elucidation of the mechanism of *Wolbachia*-induced parthenogenesis. XXVII International Congress of Entomology (ICE2024 Kyoto). Presentation Award for Young Scientists.

- **Seita Tomida**, Rebeca Kawahara, Yasuhiko Kizuka (2024).

Significance and function of Secretion of Fucosyltransferase FUT8. 2024 Society for Glycobiology (SFG) Annual Meeting. Poster Award.

- **Sarah Amira**, Kenji Kobayashi, Keita Ogawa (2024). Combined load carrying capacity of CLT perpendicular joints using self-tapping screws. The 74th Annual Meeting of Japan Wood Research Society in Kyoto. Excellence Poster Presentation Award.