



Tokyo University of Agriculture

130th Anniversary Symposium (案)

東京農業大学 130 周年記念事業シンポジウム

Tokyo NODAI as the Center of Excellence for Research and Education
on Food, Agriculture and Environment in Asia

アジアにおける食・農・環境に関する研究・教育の拠点として東京農大の展開
in conjunction with

Opening Ceremony of the 20th International Students Summit (ISS)

同時開催 第 20 回世界学生サミット開会式

Date: September 14th, Tuesday, 2021 (2021 年 9 月 14 日)

Time: from 9:30 to 11:30 in JST (日本時間 9:30 から 11:30)

Time (JST)	Contents
9:30~9:40	Declaration on Near-Future by Tokyo University of Agriculture 東京農大の近未来宣言 President Professor Dr. Fumio EGUCHI
9:40~9:45	Congratulatory Address from Southeast Asian Regional Center for Graduate Study and Research in Agriculture (SEARCA) 祝辞 Director Dr. Glenn B. GREGORIO
9:45~10:00	<i>Plenary Presentation on Leading International Academic Society (1)</i> ISSAAS to Support Agricultural Research in Southeast Asia Professor Dr. Hironobu SHIWACHI
10:00~10:15	<i>Plenary Presentation on Leading International Academic Society (2)</i> Promoting ESD, Education for Sustainable Development, through ISERD under Global Collaboration Professor Dr. Machito MIHARA
10:15~10:25	Break
10:25~10:40	<i>Plenary Presentation on International Research Collaboration</i> ICT Applications for Smart Fisheries: Learnings from an International Research Collaboration between Indonesia and Japan Professor Dr. Katsumori HATANAKA
10:40~10:55	<i>Plenary Presentation on Quality Education for Sustainable Development</i> Commitment and Efforts of Tokyo NODAI towards Quality Education for Sustainable Development: From a Student Beneficiary Perspective Associate Professor Dr. Nina N. SHIMOBUCHI
10:55~11:30	<i>Panel Discussion</i> Moderated by Professor Dr. Rie MIYAURA Comments from Kasetsart University (Thailand), IPB University (Indonesia) and University of the Philippines Los Baños (Philippines)

Facilitated by Ms. Naho GOTO (Chief Officer at Center for Global Initiatives, Tokyo NODAI)

For registration: https://zoom.us/webinar/register/WN_P2qYKef7TD2E7zGIPFGbxA

Declaration on Near-Future by Tokyo University of Agriculture

東京農大の近未来宣言

"Becoming a Pioneer in Creating New Wealth through Connections with Agriculture"

「農の縁(えにし)から新たな豊かさを創造する開拓者となる」

President Professor Dr. Fumio EGUCHI

学長 江口 文陽

The theme of the declaration is "Becoming a Pioneer in Creating New Wealth through Connections with Agriculture."

The Sustainable Development Goals (SDGs), which the global society is collectively aiming to achieve by 2030, encompass the full range of issues that Tokyo University of Agriculture must address such as those related to agricultural, forestry, and fishery resources, environment, energy, health, and hunger. As a world-leading institution of higher education in the field of agricultural and life sciences, Tokyo University of Agriculture is expected to play a pivotal role in solving these issues through innovative technologies in agriculture.

As we celebrate the 130th anniversary of the founding of Tokyo University of Agriculture, we promise to continue striving to fulfill our mission of realizing a sustainable food and agricultural production and consumption system for the future of our planet by utilizing our comprehensive knowledge and technology in agricultural and life sciences. We also hereby declare that we will foster human resources capable of addressing the issues, support Japanese agriculture, forestry and fishery, contribute to the improvement of food self-sufficiency, and take on the challenge of solving the world's food, agriculture, and environmental problems with a renewed spirit.

宣言のテーマは、「農の縁(え)にしから新たな豊かさを創造する開拓者となる」です。

2030 年までに世界が目指す持続可能な開発目標 SDGs は、農林水産資源・環境・エネルギー・健康・飢餓など東京農業大学としても取り組むべき課題を多く含んでいます。これらの課題には農学における革新的技術による貢献が求められており、農学分野を牽引する本学としてもその役割が大いに期待されています。

東京農業大学は、創立 130 周年を迎えるにあたり、本学の使命として、地球の未来に持続可能な食と農の生産消費システムを実現するべく、総合農学・生命科学を駆使して取り組んでまいります。また、これらの課題解決に資する人材を育成し、日本の農林漁業者を支え、食料自給率の向上に寄与するとともに、世界の食料・農業・環境問題の解決に新たな気持ちで挑むことを宣言します。

Professor Dr. Fumio EGUCHI
President of Tokyo University of Agriculture,
Professor at Department of Forest Science,
Faculty of Regional Environment Science /
Graduate School of Agro-Environmental Science,
Tokyo University of Agriculture



Plenary Presentation on Leading International Academic Society (1)

ISSAAS to Support Agricultural Research in Southeast Asia

Hironobu SHIWACHI

More than 400 members have joined International Society for Southeast Asian Agricultural Sciences (ISSAAS) from Indonesia, Japan, Malaysia, Philippines, Thailand and Vietnam. ISSAAS was established on 1994, and HQ was placed in Kasetsart University, Thailand, and later move to Tokyo NODAI, Japan. The chapters have been placed in Thailand, Indonesia, Japan, Malaysia, Philippines and Vietnam. The main objective of the society is to encourage the holistic approach to problems and to promote the progress and development of science and technologies related to agricultural science through research and publication, and the outcome is to be for regional agricultural development. The society is organized by scientists, technical experts, and other proponents of the society's goals in the broad field of agricultural sciences, whose activities are within the Southeast Asian region.

Prof. Dr. Hironobu SHIWACHI

Professor

at Department of International Agricultural Development,

Faculty of International Agriculture and Food Studies /

Graduate School of International Food and Agricultural Studies,

Tokyo University of Agriculture

Currently, Executive Director, Board of Directors,

Tokyo University of Agriculture Educational Corporation



Plenary Presentation on Leading International Academic Society (2)

Promoting ESD, Education for Sustainable Development, through ISERD under Global Collaboration

Machito MIHARA

Education for Sustainable Development (ESD), promoted by UNESCO and UNU-IAS empowers learners of all ages with the knowledge, skills, values and attitudes to address the interconnected global challenges that we are facing, including climate change, environmental degradation, loss of biodiversity, poverty and inequality. Tokyo University of Agriculture has been challenging to promote ESD in Cambodia and surrounding countries through International Society of Environmental and Rural Development (ISERD) with collaborated organizations. The ISERD holds international conference named ICERD and publishes an international journal, IJERD, every year for creating great opportunities not only for researchers but also for governmental and non-governmental officers in Cambodia and surrounding countries to build their confidence through discussing how to advance sustainable development in rural areas. ESD is recognized as an integral element of Sustainable Development Goal (SDG) 4 on quality education and a key enabler of all other SDGs.

Prof. Dr. Machito MIHARA

Professor

at Department of Bioproduction and Environment Engineering,

Faculty of Regional Environment Science /

Graduate School of Agro-Environmental Science,

Currently, Director at the Center for Global Initiatives,

Tokyo University of Agriculture



Plenary Presentation on International Research Collaboration

ICT Applications for Smart Fisheries: Learnings from an International Research Collaboration between Indonesia and Japan

Katsumori HATANAKA

Smart fishery technologies are considered to be innovations for sustainable fisheries. Although sustainability is claimed to be the desired outcome of smart fishery, it is still far from this ideal situation because, in contrast with agriculture, implementation of sensors at sea is difficult. Unlike agriculture, the development of ICT application for the fishery industry has many challenges and needs such as the high water-resistant and power saving gadgets, and stable data transmission technologies. In this presentation, we wish to showcase some of the ICT applications for smart fishery and data sharing technologies for resource management performed by our research group in the last two decades. Moreover, we will also introduce some activities of our international research collaboration project between Japan and Indonesia towards sustainable fishery industry using smart fishery technologies. We hope that this presentation can help you realize that not only agriculture but also fishery is an important industry for the maritime nations in the world.

Prof. Dr. Katsumori HATANAKA

Professor

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Currently, Department Head at Department of Agribusiness Management,

Tokyo University of Agriculture



Commitment and Efforts of Tokyo NODAI towards Quality Education for Sustainable Development: From a Student Beneficiary Perspective

Nina N. SHIMOOGUCHI

Tokyo University of Agriculture (Tokyo NODAI) has been proactive in promoting and applying “Practical Science” in both education and research activities from its early beginnings. In the 1960s, Tokyo NODAI has started pioneering various initiatives in response to the realization of the importance of practical training and international academic exchange. These initiatives have opened doors to numerous academic and research collaborations, and human resource development at local as well as international levels. Since 1998, the Tokyo NODAI Special Exchange Student Program has been offered to applicants from its global university partners and alumni associations overseas with the aim of developing and nurturing future leaders in business, research, academe, and other fields in Japan and overseas. As one of the first recipients of this program and a current faculty member, I share my life-changing experiences and learnings over more than 20 years, in the hope that this will demonstrate the sincere commitment and continuous efforts of Tokyo NODAI towards quality education and research for sustainable development in collaboration and cooperation with its global and local partners.

Dr. Nina N. SHIMOOGUCHI

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