

International Symposium

on the UN's Sustainable Development Goals

Date: September 11, 2025 (Thu.) 13:00 – 16:20

Venue: C201 School of Applied Biological Science, Hiroshima University
(C203 Poster Presentation 14:30 - 15:20)

The UN's Sustainable Development Goals (SDGs) consist of 17 interdependent goals that are expected to be achieved by 2030. We at the Graduate School of Integrated Sciences for Life and School of Applied Biological Science have conducted comprehensive research and education which are directly involved in at least half of the goals (No Poverty, Zero Hunger, Good Health and Well-being, Clean Water, Responsible Consumption and Production, Climate Action, Life Below Water, Life of Land). In this symposium, through a total of 6 sessions covering the environment ~ biological diversity ~ bio-resource production ~ food sciences, researchers from our partner universities will deliver their research outcomes or country reports. At the end, we are going to discuss how we could elaborate comprehensive solutions or breakthroughs to help achieve the UN's SDGs, to pursue a sustainable and peaceful world through our researches.

Program

- 13:00 Opening Message by the Dean**
- 13:10 Session1 : Dr. Jason Dumaguing Braga**
(Cavite State University)
- 13:30 Session2 : Dr. Sharon Nuñal**
(University Of The Philippines Visayas)
- 13:50 Session3 : Dr. Jeongwhui Hong**
(Chonnam National University)
- 14:10 Session4 : Dr. Dao Thanh Huyen**
(Thai Nguyen University of
Agriculture and Forestry)
- 14:30 Poster presentations by Invited Students and
Hiroshima University Students**
- 15:20 Session5 : Dr. Jade Dhapnee Z. Compendio**
(Visayas State University)
- 15:40 Session6 : Dr. KATO Aki**
(Hiroshima University)
- 16:00 Concluding Remarks**

◆ This symposium is counted for students as a Science Seminar [Kyodo Seminar].

Hosted by the School of Applied Biological Science ,
the Graduate School of Integrated Sciences for Life , Hiroshima University
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HIROSHIMA UNIVERSITY

Program

Opening Message by the Dean
13:00

Session 1
13:10 – 13:30 **"Sustainable Strategy for Epilepsy Alleviation:
A Synergistic Approach Using Prebiotics and GABA-Transaminase Inhibitor"**
Dr. Jason Dumaguing Braga (Cavite State University/ Philippines)
Chair Dr. KUMRUNGSEE Thanutchaporn (Hiroshima University)



Session 2
13:30 – 13:50 **"Sea the change: Post-harvest solutions for sustainable fisheries"**
Dr. Sharon Nuñal (University of the Philippines Visayas/ Philippines)
Chair Dr. SHIMAMOTO Tadashi (Hiroshima University)



Session 3
13:50 – 14:10 **"Strategies for Advancing Sustainable Aquafeed Development in Aquaculture"**
Dr. Jeongwhui Hong (Chonnam National University/ Republic of Korea)
Chair Dr. WAKABAYASHI Kaori (Hiroshima University)



Session 4
14:10 – 14:30 **"OCOP (One commune one product) and Sustainable Development:
A Vietnamese Model for Local Innovation and Global Responsibility"**
Dr. Dao Thanh Huyen (Thai Nguyen University of Agriculture and Forestry/ Vietnam)
Chair Dr. TRAN Anh Duc (Hiroshima University)



14:30 – 15:20 **Poster presentations by Invited Students and HU Students**

Session 5
15:20 – 15:40 **"Quality Evaluation of Cryopreserved Spermatozoa of Morphologically
Profiled Sinirangan Native Boars (*Sus scrofa* L. 1758)"**
Dr. Jade Dhapnee Z. Compendio (Visayas State University / Philippines)
Chair Dr. NISHIBORI Masahide (Hiroshima University)



Session 6
15:40 – 16:00 **"Exploring the Diversity of Coralline Algae: Ecosystem Engineers of the Ocean"**
Dr. KATO Aki (Hiroshima University)
Chair Dr. SUZUKI Takuya (Hiroshima University)



Concluding Remarks
16:00 - 16:20