

The 1st Joint Forum of HU and UOS
「Toward Net-Zero : Green and Digital Technology for Futures based on Sustainable Education」

Date: August 6th and 8th, 2025

Venue: Open Hall, 2nd Floor, Faculty Engineering Building, Hokkaido University

August 6 (Wed) TECHNICAL TOUR

14:00~17:00 Energy Circulation System, Eniwa City

August 8 (Fri) INTERNATIONAL JOINT FORUM

Registration

10:00~10:30

Session I

10:40~11:00 Greeting

Prof. Tsubasa OTAKE (HU)

11:00~11:30 Introduction of HU and UOS

Assoc. Prof. In-Hee HWANG (HU)

Assoc. Prof. Seung-Bu PARK (UOS)

11:30~12:00 Current Status and Challenges of Waste Management in Japan

Prof. Kazuei ISHII (HU)

12:00~13:30 Lunch

Session II

13:30~14:30 Poster presentation & Information Session on Study Abroad at UOS (Caravan program)

14:30~15:00 Coffee break

Session III

15:00~15:25 Environmental Data Science for Water Treatment: Recent Advances and Prospects
Asst. Prof. Sung Ho CHAE (UOS)

15:25~15:50 Biomethane Production from Sewage Sludge via Anaerobic Digestion and Biological Biogas Upgrading
Assoc. Prof. Akira HAFUKA (HU)

15:50~16:15 Solid Waste Management Technologies in Korea

Assoc. Prof. Myung Won SEO (UOS)

16:15~16:40 Biodegradation Behavior and Fate of Biodegradable Plastics in Landfill Environments
Asst. Prof. Geun-Yong HAM (HU)

16:40~16:55 Discussion on Future Prospects

16:55~17:00 Closing