

# International Symposium on the UN's Sustainable Development Goals



**Date: 27 September, 2019 (Fri.) 13:00 - 17:00**

**Venue: C206, School of Applied Biological Science**

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 8 sessions covering environment ~ biological diversity ~ bio-resource production ~ food sciences, researchers from six partner universities in Asia will deliver their research outcomes or country reports which will then be followed by relevant research poster presentations by students of Hiroshima University. 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.

- 13:00 Opening Message
- 13:10 Dr. Jeong Manki (Chonnam National University)
- 13:30 Dr. Anuraga Jayanegara (Bogor Agricultural University)
- 13:50 Dr. Chanwit Kaewtapee (Kasetsart University)
- 14:10 Dr. Damrongvudhi Onwimol (Kasetsart University)
- 14:30 Poster presentations by students of Hiroshima University
- 15:20 Dr. Sopark Sonwail (Silpakorn University)
- 15:40 Dr. Wan-Ju Yeh (Tunghai University)
- 16:00 Dr. Tran Van Hung  
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◆ This symposium is counted for students as a Science Seminar [Kyodo Seminar].

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

# Program

**13:00 Opening Message by the Dean / Rationale of the Symposium**

**13:10 Session 1**

**"Fishery resource management research center (FMRC) based on ICT of Chonnam national University "**

Dr. Jeong Manki (Chonnam National University, Republic of Korea)

**13:30 Session 2**

**"Tropical Animal Production and Feed Resources "**

Dr. Anuraga Jayanegara (Bogor Agricultural University, Indonesia)

**13:50 Session 3**

**"The use of artificial intelligence (AI) for improving animal production and animal welfare in the near future"**

Dr. Chanwit Kaewtapee (Kasetsart University, Thailand)

**14:10 Session 4**

**"Sustainable Development Goals (SDGs): Perspective of the World's Largest Rice Exporter"**

Dr. Damrongvudhi Onwimol (Kasetsart University, Thailand)

**14:30 Poster presentations by HU students**

**15:20 Session 5**

**"Structure and rheology of oleogels made from rice bran wax and rice bran oil and their application in food products "**

Dr. Sopark Sonwail (Silpakorn University, Thailand)

**15:40 Session 6**

**"Use of rodent models in the study of nephropathy"**

Dr. Wan-Ju Yeh (Tunghai University, Taiwan)

**16:00 Session 7**

**"Optimization of extraction processing in the process of production of herbal water from *Cordyceps militaris* "**

Dr. Tran Van Hung (Ho Chi Minh City University of Food Industry, Viet Nam)

**16:20 Session 8**

**"The role of genetics in Fisheries Sustainability: a study on cephalopods "**

Dr. Sanchez Silva Luis Gustavo (Hiroshima University, Japan)

**16:40 General Discussion**

**16:50 Closing Remarks**