

Polish-Japanese Workshop on Circular Economy in Agriculture and Agro Industry

Organizer:

- Department of Environmental Engineering, Graduate School of Engineering, Kyoto University
- IoP Collaborative Creation Center, Kochi University
- Research committee of Water reclamation and material-cycle in agro-industries, Japan Society on Water Environment

Date and Time: September 15, 13:00-17:10 (JST)

Venue: Kyoto University Katsura campus, C1 building, 3F, Room Jin-Yu, Zoom online (Hybrid)

Registration Fee

There is no registration fee to attend the workshop. Workshop dinner fees will be collected at reception.



Program:

13:00-13:10 *Opening remarks* (Prof. Taku Fujiwara)

13:10-13:40 *Low-thermal waste biomass pretreatment in biorefinery processing (Keynote speech)*
(Associate Prof. Aneta Łuczkiwicz, Gdańsk University of Technology)

13:40-14:10 *Nitrogen management for sustainable food production and consumption (Keynote speech)* (Professor Kentaro Hayashi, Research Institute for Humanity and Nature)

14:10-14:40 *Upcycling of C and P resource in wastewater treatment for carbon neutralization (Keynote speech)* (Prof. Hiroshi Yamamura, Chuo University)

Coffee break

15:00-15:20 *Management of phosphorus in watershed for sustainable food supply and environmental protection* (Prof. Hideaki Nagare, Okayama University)

15:20-15:40 *~From sewage to agriculture~ Rephosmaster™; Phosphorus recovery and recycle via MAP crystallization* (Santisak KITJANUKIT, Swing Corporation)

15:40-16:00 *Challenge of the IoP project aiming for circular horticulture* (Prof. Taku Fujiwara, Kyoto University/Kochi University)

16:00-16:20 *Use of organic waste for improving water and soil qualities* (Prof. Morihiro Maeda, Okayama University)

16:20-16:40 *Land-based seaweed production technology and its connection to agriculture -online*
(Prof. Masanori Hiraoka, Kochi University)

16:40-17:00 *Discussion*

17:00-17:10 *Closing remarks* (Prof. Hideaki Nagare)

Workshop Dinner

Application form (Deadline, for those attending the dinner: September 8, 12:00 JST; for others: September 15, 10:00 JST)

<https://forms.gle/7iSbtT9qWq3qKmf6>