

Special Session 1: March 13, 15:00–16:45 (JST)

Plastic flow and its management

Organized by the Japanese Research Group*

The management of plastics is of interest to various stakeholders around the world. At 3RINCs2023, plastics-related topics will be covered in two special sessions (special session 1 and 5) and six general sessions.

In this special session, the Japanese research group* will present the latest research results on plastic flows and its management from the big research project moving towards sustainable resource management of plastics and reducing ocean plastic spill. In the following panel discussion, panelists from overseas will join in and exchange opinions on the value and possibilities of the results, and future challenges.

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Programme

Chair: Dr. Jun Nakatani, The University of Tokyo

Co-chair: Dr. Misuzu Asari, Kyoto University, Japan

Presentations

Action Research for the prevention of littering at riverside:

A field experiment measuring the effects of interventions

Dr. Susumu Ohnuma (Hokkaido University, Japan)

Behavior and Inventory of Microplastics via Wastewater from Various Municipal Solid Waste Incinerator in Japan

Dr. Kazuyuki Oshita (Kyoto University, Japan)

Microplastics in a solid waste landfill in Japan: their concentration in landfilled waste, coversoil, rainwater and leachate

Dr. Hirofumi Nakayama (Kyushu University, Japan)

Quantity- and quality-oriented scenario optimizations for the material recycling of plastic packaging in Japan

Ms. Moeko Kawai (The University of Tokyo)

Panel discussion

Presenters of this session

M.Sc. Bunei Nishimura (Business Developer, Plastic@Sea, France)

Followed by QA session