

Special Session 2: March 14, 16:30–19:00 (JST)

Mercury Waste Management after the entry into force of

Minamata Convention

Organized by the Environment Research and Technology Development Fund (SII-6, JPMEERF20S20600) and the Japan Society of Material Cycles and Waste Management

Five years have passed since the Minamata Convention on Mercury entered into force. Various measures have been taken to minimize the use, emission and release of mercury to protect human health and to prevent environmental pollution. However, mercury is an element and cannot be decomposed, so it must ultimately be managed as waste. The mercury waste management becomes more important than ever before.

In this special session, the invited experts from various countries will introduce the management of mercury waste and share what issues they are facing. In Japan, the Ministry of the Environment will introduce the overall picture of mercury waste management. The researchers in SII-6 project under the Environment Research and Technology Development program will report LCA research on treatment and disposal of waste containing mercury and research on treatment and disposal of waste consisting mercury.

Program

Session Chairs: Masaki TAKAOKA (Kyoto University), Fumitake TAKAHASHI (Tokyo Institute of Technology.)

16:30-16:35

Opening Remark

Masaki Takaoka

16:35-16:55

Management of Mercury Wastes in Japan

Yusaku Toyohara

16:55-17:15

Current status of mercury waste in China

Shuxiao Wang

17:15-17:35

Management System of Mercury Waste in Korea

Seung-Whee Rhee

17:35-17:55

Status of Mercury Waste in the European Union

Pierre Hennebert

17:55-18:15

Status of Mercury in Indonesia

Ajeng Arum Sari

18:15-18:35

Life Cycle Assessment of Recycling on Mercury Collected from Spent Mercury Containing Products in Japan

Katsuyuki Nakano

18:35-18:55

Mercury diffusion from sulfide/solidified mercury waste in landfill lysimeters

Osamu Hirata

18:55-19:00

Closing Remark

Fumitake Takahashi