

Timetable

13:30 - 13:33 Opening
Yingchao Cheng (co-chair), Research Associate, National Institute for Environmental Studies

13:33 - 13:46 Project overview

5 min [Environment Research and Technology Development Fund]
 Intervention scenarios and global mercury modelling for effectiveness evaluation of the Minamata Convention on Mercury
Masaki Takaoka, Professor, Kyoto University

5 min [JST-Mirai Program]
 System development of Resource Logistics toward minimizing supply chain risks of mineral resources
Kazuyo Matsubae, Professor, Tohoku University

3 min Announcement
Kenichi Nakajima (Chair), Chief Senior Researcher, National Institute for Environmental Studies

13:46 - 14:15 Topic 1: Mercury Use and Trade

7 min Inconsistencies of mercury flow in global trade concerning artisanal and small-scale gold mining activity
Yingchao Cheng, Research Associate, National Institute for Environmental Studies

7 min Exploring illegal trade of mercury from discrepancy with trade statistics
Masaaki Fuse, Associate Professor, Hiroshima University

15 min Comments from discussant
Hitoshi Yoshizaki, Deputy Director, Ministry of the Environment, Japan

14:15 - 14:51 Topic 2: Monitoring and Detection

7 min Monitoring Artisanal and Small-Scale Gold Mining using Satellite Images
Kazuyo Hirose, Director General, Japan Space Systems

7 min Tailings management as a key challenge to curb mercury dissemination in and around ASGM sites
Satoshi Murao, Professor, Daiichi Institute of Technology

7 min Human health risk assessment of mercury vapor around ASGM area - perspective from field measurement
Koyomi Nakazawa, Assistant Professor, Toyama Prefectural University

15 min Comments from discussant (tentative)
Marcello M. Veiga, Professor Emeritus, University of British Columbia

14:51 - 15:20 Topic 3: Measures and Effect

7 min Mercury mitigation in artisanal and small-scale gold mining: cyanide emissions and the need for retorted mercury management as unintended consequences
Shoki Kosai, Associate Professor, Ritsumeikan University

7 min Mercury use related to ASGM and its reduction by novel refining process
Akihiro Yoshimura, Assistant Professor, Chiba University

15 min Comments from discussant
Jacopo Seccatore, Professor, Adolfo Ibañez University

15:20 - 15:30 Coffee Break

15:30 - 16:10 Discussion

10 min x 2 Overall comments from discussant
Tatiane Marin, Post-doctoral senior researcher, Adolfo Ibañez University
Eisaku Toda, Senior Programme Officer, Secretariat of the Minamata Convention on Mercury, UN

20 min Discussion and Networking

16:10 - 16:13 Closing Shoki Kosai (co-chair), Associate Professor, Ritsumeikan University