



SIWI WORLD
WATER
WEEK



Monday
27 August 2018

14.00-15.30

Room: FH 307



International
Initiative on
Water Quality

Microplastics in freshwater environments

Microplastics in freshwater environments represent a growing concern. The presence of microplastics in freshwater have been reported in different parts of the world—even in remote areas. Yet, scientific knowledge on microplastics in freshwater is limited. The event presents the current state of scientific knowledge and policy frameworks on microplastics in freshwater, with leading international experts sharing their research findings. Results of the UNESCO-IHP International Initiative on Water Quality (IIWQ) assessment on microplastics in freshwater and wastewater in 16 countries around the world will be presented. The assessment offers an important step towards developing appropriate policy solutions.

Programme

Moderator: Sarantuyaa Zandaryaa, UNESCO

14:00-14:10 Opening remarks

Thierno Hamet Baba LY, Chairperson, Intergovernmental Council of the International Hydrological Programme of UNESCO, and Secretary-General, Ministry of Water and Sanitation, Senegal

14:10-14:25 Keynote - Microplastics in freshwater environments around the world: A preliminary assessment by UNESCO-IHP International Initiative on Water Quality

Sarantuyaa Zandaryaa, UNESCO

14:25-15:00 The state-of-the-art scientific research and knowledge on microplastics in freshwater

- (Micro)plastics in freshwater in Germany: From sampling to analytics and effects
Friederike Stock, Federal Institute of Hydrology, Germany
- Microplastics in Lake Kallavesi in Finland: Analysis of size distribution and sources
Arto Koistinen, University of Eastern Finland
- Microplastics in Thames River and its tributaries: Presence and sources in sediments and fish
Alice Horton, Centre for Ecology & Hydrology, UK
- Microplastic pollution in Rivers in Metro Manila, The Philippines
Maria Antonia N. Tanchuling, University of the Philippines Diliman, The Philippines
- The removal of microplastics in wastewater treatment plants
Gabriela Kalčikova, University of Ljubljana, Slovenia
- Microplastics in freshwater: The 'Source-to-Sea' perspective
Birgitta Liss Lymer, Stockholm International Water Institute, Sweden

15:00-15:25 Panel discussion with experts, followed by interactive Q&A with participants

15:25-15:30 Closure: Summary and key messages

Event page: <https://bit.ly/2nZY3GI> | More information: <http://en.unesco.org/waterquality-iiwq> | Contact: [s.zandaryaa\(at\)unesco.org](mailto:s.zandaryaa(at)unesco.org)