

Addressing emerging pollutants to achieve the SDGs

FH Congress Hall A
14:00-15:30
Thursday
1 September 2016

The event focuses on science and policy approaches to address the challenge of emerging pollutants in framework of the SDGs achievement in developed and developing countries. Case studies on the needs and solutions to address potential risks and trade-offs of emerging pollutants in water resources and wastewater will be presented through the work of UNESCO and OECD.

A new water quality challenge of growing concern across the globe is the management of a wide variety of emerging pollutants found in water resources that pose a risk to human and environmental health. The current scientific understanding on the fate, transport and risks of emerging pollutants, individually and in combination, is limited. Identifying priority emerging pollutants for policy action is therefore problematic. Addressing this challenge is necessary to achieve the SDG Target 12.4 to "... reduce the release of chemicals to air, water and soil in order to minimize their adverse impacts on human health and the environment", and other SDGs related to water (Target 6.3), human health (Target 3.3), ecosystem protection, poverty alleviation, sustainable consumption and production, and sustainable agriculture, amongst others.

The event will provide a platform for a multi-stakeholder discussion on science and policy approaches to better understand and manage the challenge of emerging pollutants to support the achievement of the SDGs.



Event is available on
Livestreaming:

https://siwi-mediahub.creo.se/world-water-week/2016-water-for-sustainable-growth/addressing_emerging_pollutants_to_achieve_sdgs

Contacts

Sarantuyaa Zandaryaa: s.zandaryaa@unesco.org
Hannah Leckie: hannah.leckie@oecd.org

For more information:

<http://en.unesco.org/waterquality-IIWQ>
<http://en.unesco.org/emergingpollutants>

Moderator: Sarantuyaa Zandaryaa, UNESCO

14:00 Introduction and setting the scene: The global challenge of emerging pollutants and the relevance in the SDGs

Sarantuyaa Zandaryaa, UNESCO – International Hydrological Programme

14:10 Swedish priorities for international cooperation on water sciences

Claire Lynga, Swedish International Development Cooperation Agency (Sida)

14:15 Update on the scientific understanding of emerging pollutants and the risks posed to human and environmental health

Alistair Boxall, University of York, United Kingdom

14:20 UNESCO Project Case studies:

Status report on pharmaceuticals in the Baltic Sea region

Dmitry Frank-Kamenetsky, HELCOM, Finland

Emerging pollutants in water and wastewater of east Ukraine: occurrence, fate and regulation

Yuliya Vystavna, Academy of Sciences of the Czech Republic, Czech Republic

Modelling the chemical fate of emerging contaminants in waterways of Africa, Asia, and Latin America for rapid risk assessments, geospatial exposure mapping, and screening purposes

Usman Khan, McGill University, Canada

Microplastics in freshwater environments

Michiel Roscam Abbing, Plastic Soup Foundation, The Netherlands

Harnessing scientific research based outcomes for effective monitoring and regulation of emerging pollutants in water and wastewater in Nigeria

Simone Grego, UNESCO Abuja Regional Office, Nigeria

14:55 Policy perspective: **Hannah Leckie, OECD**

15:05 Interactive panel discussion

15:25 Closing: **Sarantuyaa Zandaryaa, UNESCO, and Hannah Leckie, OECD**



SCAN TO
LEARN MORE
ABOUT THE
EVENT