

Pan-European Symposium on Water and Sanitation Safety Planning and Extreme Weather Events

Extreme weather events, causing floods, droughts, can have major implications for the performance of water and wastewater infrastructure and services, and the availability of good quality water. Related to sanitation, post-flood areas show a significant occurrence of water-related infectious diseases. Disease outbreaks following heavy precipitation or floods are often the result of contamination of the drinking-water supply systems and living environment. During drought, drinking water availability and quality can also be affected. Occurance of extreme weather events are increasing and providing adequate services can be challenging.

In response to extreme events, adaptation strategies are being developed and implemented, at policy level, but also by drinking water and sanitation service providers. Water and sanitation safety plans (WSSP), as recommended by the World Health Organization, offer comprehensive risk-based management tools to enhance these efforts focusing on preventive measures and emergency response and preparedness planning.

Second Announcement
6-7 April 2017, Bilthoven



During the **2017 6-7th April pan-European Symposium Water and Sanitation Safety Planning and Extreme Weather Events**, cross-cutting topics will be addressed. Presentations and workshops will be organized with the goal of presenting experiences of water and sanitation professionals and regulators, in addressing extreme weather events, with a special focus on cases from the pan-European region. Although presentations from throughout the world are welcomed.

This event presents a unique opportunity to share knowledge and experiences from within the region and to advance the topic of climate-resilient planning for water supply and sanitation services. Working languages of the symposium are English and Russian.

Organisation by:



Co-sponsored by:



In cooperation with:





2017 WSSSP Extreme Weather

Regulators Forum – State of the art of Drinking Water Supply and Sanitation with special attention to Climate Change Challenges

The symposium will provide a platform for regulators from the pan-European region. Regulators are invited to submit proposals to present and discuss the following topics:

- Achievements, challenges and needs in the region with regard to access and quality of drinking water supply and sanitation with special attention to extreme weather events
- The role of WSSP as an instrument for governance
- Prerequisites for implementation e.g.: Financing, Institutional framework, Competence in organizations, Awareness raising (e.g. public, political)

* Regulators from Eastern Europe, Caucasus and Central Asia may contact the IWC to request for travel support

Interested in presenting a case?

The deadline for abstract submission is January 22st 2017. English and Russian language abstracts are welcomed. Accepted abstracts are invited for an oral or poster presentation and for full paper submission, which are eligible for publication.

Aim and scope

The symposium aims to provide a platform for researchers, regulators, utility operators, and civil society organizations to exchange findings, concepts and experiences with regard to effects of extreme events in the context of climate-change on drinking water supply and sanitation systems. Selected abstracts are eligible for full paper submission and publication in DWES Open Access Journal (Website: <http://www.drinking-water-engineering-and-science.net/>)

- Climate resilient drinking water safety planning
- Sanitation safety planning and new concepts for sanitation
- Effects of heavy precipitation and flooding on drinking-water supply and drainage systems and adaptation strategies
- Effects of droughts on water quality and availability, especially impacting drinking-water supply, and adaptation strategies
- Urban water system resilience: Spatial planning and sustainable 'green' infrastructure for resilient drinking water and sanitation services
- Holistic (integral) risk assessment and risk management approaches for drinking water and sanitation: Interactions of the water and sanitation sector with other sectors in developing adaptation strategies (e.g. agriculture, industry, energy)
- Cost versus benefits of adaptive planning to deal with droughts and floods
- Regulatory requirements for effective preparedness planning in relation to extreme events: What do operators need from their governments in order to provide climate-resilient water and sanitation services?

For more information on keynotes, symposium programme and registration visit

www.iwcconferences.com