

Safe and efficient management of water supply and sanitation systems

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5th session
Meeting of the Parties to the
Protocol on Water and Health

19-21 November | Belgrade | Serbia



Pan-European Symposium Water and Sanitation Safety Planning and Extreme Weather Events, 6-7 April, Bilthoven, The Netherlands



- Goal: Share experiences and challenges related to extreme weather events for managing drinking-water and sanitation services
- Organized in cooperation with programme area 7 on climate resilience
- Co-organized by the Netherlands (MoIWM, RIVM), Spain, Germany (UBA), International Water Association, WHO Regional Office for Europe, UNECE and UNESCO-IHE
- <http://www.iwccconferences.com/wssp-and-extreme-weather/>

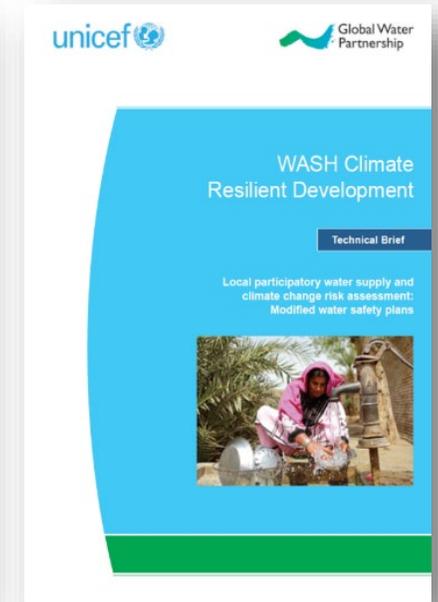
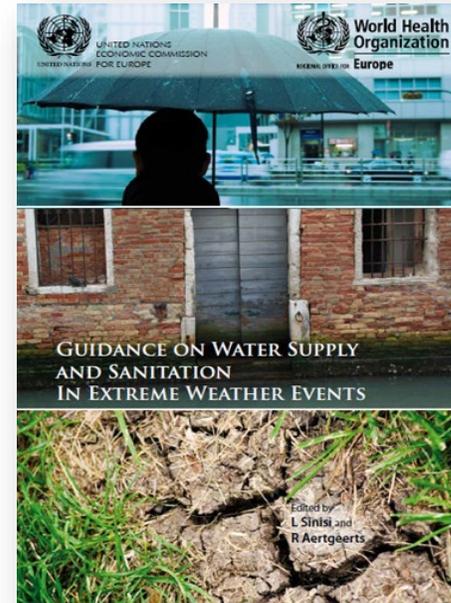
Key points WSSP symposium

- Climate change: increase occurrence of extreme weather events (droughts, floods)
- Water and sanitation safety plans are important tools for ensuring climate resilience
- Integration of water safety plans (WSPs) and sanitation safety plans (SSP) is needed to reduce contamination risks
- Use of climate vulnerability assessments, Integrated Water Management in WSP and SSP
- Adaptation and mitigation to climate change: region – local (adaptation as you go)



Key points WSSP symposium – Regulators forum

- Capacity and training of staff
- Clear responsibilities
- Linking health and economic in discussions
- Need for cooperation across sectors
- Information for climate resilient WSSP
- Holistic view: regional – local
- Guidance and tools are available
- IWA paper on regulatory and policy frameworks



Outcomes of the Workshop on sanitation in the pan-European region

(12-13 February 2019, Bonn, Germany)

- Sanitation is broad and highly relevant on the international agenda (2030 Agenda, Ostrava Declaration on Environment and Health)
- The workshop aimed at systematically reviewing the sanitation situation from health and environmental perspectives, covering the entire pan-European region
- 54 representatives from 28 countries as well as technical experts and representatives of international and non-governmental organizations



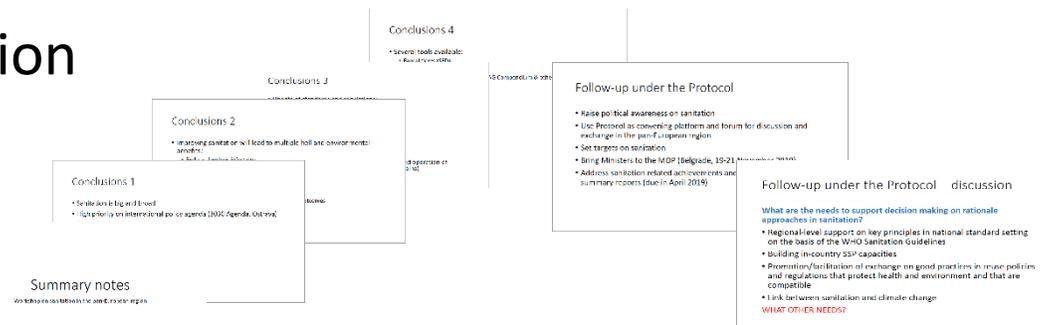
Common challenges identified

- Gaps in the use of **safely managed services**
- Limited access in **rural areas and specific settings** (schools and health care facilities)
- Poorly managed sanitation contributes to **water-related disease** incidence, including **soil-transmitted helminths**
- Contributes spread of **antimicrobial resistance** in the environment
- **Environmental impacts** from chemicals and emerging contaminants
- **Financing sanitation**: Aging infrastructure vs. investment needs
- Building **climate-resilient sanitation services**: Climate change requires rethinking of design and operation of sanitation systems (floods, drought, torrential rains)
- Addressing water scarcity through **wastewater reuse**: Opportunities (nutrients, food); requires sound assessment of health risks; issue of direct/indirect potable reuse
- **Several tools available**: Faecal flow diagrams (SFD), sanitation safety plans (SSP), technology selection tools (EAWAG Compendium & others)



Recommendations of the sanitation workshop

- Sanitation is an **unfinished business** in the pan-European region
- Raise **political awareness on sanitation**, emphasizing its cross-cutting character
- Improve the **evidence base** on the sanitation situation in the region
- Scale-up **risk-based management** approaches
- Use **Protocol as convening platform** to accelerate sanitation work
- Address **sanitation** related achievements and gaps in the **national summary reports** (in April 2019)
- Set **specific targets** on sanitation



Training on Sanitation Safety Planning

(14 February 2019, Bonn, Germany)



- The **overall aim** of the training was to raise awareness about the SSP approach as a risk-based approach to ensure that sanitation systems are managed to meet health objectives
- **46 representatives** from **23 countries** were trained
- Benefits for participants:
 - Understand the value of SSPs and how it can help to achieve SDG 6
 - Learn about the SSP process, outputs and outcomes
 - Gain experience in the SSP process, so that participants can guide SSP implementation
 - Exchange sanitation management practices



Broad support to WSP uptake

Country		Activity
Tajikistan	2016-18	<ul style="list-style-type: none"> • Broad WSP capacity building • Practical implementation with focus on rural areas • New drinking-water law adopting WSP supported by a national WSP policy roadmap
Lithuania	Aug 2018	Initial sensitization and capacity building on WSP principles
Bosnia and Herzegovina	May 2019	
Serbia	Aug 2018	Support to the development of a national roadmap towards long-term uptake of WSPs
Croatia	Sep 2018	Training of trainers to support national rollout of new legislative requirements on WSP implementation
Italy	Oct 2018	
Hungary	Jul 2019	Review of present WSP auditing capacities and support to update of national audit guidance

Broad support to WSP uptake



Thank you for your attention

