

Combined Sewer Overflow Workshop at SPN9

Date: 26. August 2019

Time: 17:00 – 21:00

Location: room 4.317, Rendsburggade 14, 9000 Aalborg,

<https://goo.gl/maps/2hnuS9mEgiR8mWw1A>

Description:

Combined sewer overflows (CSOs) may be a significant source of pollution. Apparently, the availability of monitoring techniques is currently changing the way how researchers, utilities and regulators are supervising CSOs. In many countries, there is an ongoing debate on appropriate performance indicators and even moving towards performance-based assessment, up to taxing emissions from sewer systems. However, this is not discussed openly and in a common mindset, the knowledge on ongoing activities is very fragmented.

First, we would like to discuss current drivers and barriers for the assessment and regulation of combined sewer overflows. Second, in the context of reviewing the effectiveness of the Urban Wastewater Treatment Directive and the Water Framework Directive, the European Commission is developing an EU-wide model for CSOs. The workshop presents a good opportunity to test the model with operational data and to develop a framework how to assess CSOs and collect evidence on their occurrence and relevance.

Webinar:

We offer the possibility to attend remotely via a webinar. We will aim to transmit audio and video feeds, which can be viewed on computers or mobile devices in a listen-and-view fashion. You can submit questions via text feed. The webinar is limited to 100 attendees.

Join-link: <https://zoom.us/j/792673863>

Schedule:

Time	Session/Topic
17:00 - 17:15	Welcome and Introduction <i>Jean-Luc Bertrand Krajewski, INSA Lyon</i> <i>Alberto Pistocchi, JRC Ispra</i>
Session 1	Introduction: Combined sewer overflows and digitization current developments and issues
17:15 - 17:35	Current developments in different countries regarding the assessment of CSOs <i>Alma Schellart, Sheffield University</i>
17:35 - 18:00	US-EPA Long-term CSO control plans: (more) advanced compliance assessment and enforcement? <i>William McMillin, Jacobs, New Jersey</i>
18:00- 18:15	Policy-related issues and non-technical aspects of assessing CSOs <i>Jörg Rieckermann, Eawag</i>
18:15 -18:35	Q&A, Discussion

	10 min break
Session 2	Combined sewer overflows and EU policy UWWTD assessment and JRC screening model
18:45- 19:00	Assessment of UWWTD and evidence on CSOs in the EU <i>Alberto Pistocchi, JRC Ispra</i>
19:00 - 19:30	Background and technical details on the JRC screening Model and reality check with real-world monitoring data from Lyon <i>Alberto Pistocchi, JRC Ispra</i> <i>Jean-Luc Bertrand Krajewski, INSA Lyon</i>
19:30 - 19:45	Q&A, Discussion
	15 min break
Session 3	Evidence on the occurrence and impacts of combined sewer overflows in Europe Towards a joint database for EU-policy support
20:00 - 20:15	From closed (bad) data to open and useful data? <i>Jean-Luc Bertrand Krajewski, INSA Lyon</i>
20:15 - 20:45	Q&A, Group discussion <ul style="list-style-type: none"> • <i>What is the current evidence on CSOs that we can count on?</i> • <i>What information is currently available with utilities/regulators?</i> • <i>What is needed to collect reliable monitoring data, what is needed to share them with regulators, researchers, the public?</i>
20:45 - 21:00	Summary and closure
21:00 – 22:00	Apéro

Contributors:

Jose Anta, Jean-Luc Bertrand-Krajewski, Ulrich Dittmer, Günter Gruber, Ivana Kabelkova, Alberto Pistocchi, Jörg Rieckermann, Alma Schellart, Luca Vezzarro

Email Contact:

joerg.riekermann@eawag.ch