

boDEREC-CE

MIDTERM CONFERENCE

INVITATION

Date: December 1st 2020

Venue: Online Meeting

Version 02

11/2020





Dear Madam or Sir,

Water is one of the most important element of humans lives - it determines the quality of our lives. But on the other hand we know that our activities strongly impact on water environment causing lots of pollution. Moreover, recent research shows that the aquatic environment, from which we produce drinking water in Europe, contains new, anthropogenic substances - until a few years ago, their presence was unknown and there are still considerable knowledge gaps.

This is where boDEREC-CE sets an innovative approach by implementing pilot sites in Central Europe countries to monitor emerging contaminants (EC), above all pharmaceuticals and personal care products (PPCP). boDEREC-CE is focused not only on the study of PPCP behaviour, particular attention is paid to assessing the effectiveness of attenuating this specific type of pollution, using different types of drinking water treatment technologies: the main output is an innovative model based decision making tool, which, given future legal thresholds, can be used as an early warning tool. This tool will be tested under different conditions at waterworks. By the formation of a transnational board, research institutions and waterworks will continue networking for defining standards and guideline values.

Currently we are in the middle of the project lifetime thus we would like to invite you to participate in the midterm conference. We want to present you our progress and discuss on PPCP problem in water, possible solution and tools supporting water-sector. We really count on stakeholders feedback.

boDEREC-CE Leader

Josip Terzić

Croatian Geological Survey



A. Agenda

MIDTERM CONFERENCE, 1st December 2020

08:45 - 09:00	Registration and connection tests
09:00 - 09:15	Conference Opening -Welcome words
	Leader Partner - Croatian Geological Survey, HGI-CGS
09:15 - 10:15	Session 01: PPCP problem in drinking water
	<p>Dr. Valeria Lencioni (MUSE-Science Museum of Trento): <i>Effects of emerging contaminants on fluvial ecosystem: from the scientific research to the connection between science & society.</i></p> <p>Prof. Dr. Jörg Drewes (Technical University of Munich): <i>Trace organic chemicals and drinking water treatment in Germany.</i></p>
10:15 - 11:15	Session 02: boDEREC-CE project introduction, main aim and outputs.
	<ol style="list-style-type: none"> 1. <i>WPT1: Discovering emerging contaminants in the water environment - State-of-the-art</i> (University of Ljubljana, WP Leader, PP06). 2. <i>WP T2: Monitoring emerging contaminants in the water environment - piloting programme</i> (Czech University of Life Sciences, WP Leader, PP03). 3. <i>WPT3: Modeling emerging contaminants - model application</i> (Technical University of Munich, WP Leader, PP08). 4. <i>WP T4: Attenuating emerging contaminants - prospects and new approaches</i> (Split Waterworks, WP Leader, PP02).
11:15 - 11:45	Session 03: Decision making tool
	<i>Model-based decision-making tool for emerging contaminants (modePROCON) - introduction.</i> (Technical University Munich, WPT Leader, PP08)
12:00 - 13:30	Discussion panel: Modelling PPCP problem in drinking water



List of the panellists:

Prof. Manuela Antonelli (Politecnico di Milano, Italy):

Modelling and risk assessment as tools for a resilient drinking water infrastructure: the experience of PoliMI

Nataša Sovič, PhD (National Laboratory of Health, Environment and Food, Slovenia):

Emerging contaminants in Slovenian waters

Anna Kuczyńska, PhD (Polish Geological Survey, Poland):

Monitoring of emerging contaminants in groundwater in Poland

Maria Mursaikova, Eng. (Czech University of Life Sciences, Czech Rep.):

Modeling approaches in transport of PPCP in Káraný waterworks area

Manfred Eisenhut, Eng. (Austrian Association for Gas and Water sectors, Austria):

Management of PPCPs in water cycle from the point of view of water suppliers in Austria

Daniel Bittner, PhD (Erftverband, Germany):

PPCP's in river basins affected by mine drainage - A challenge for future contamination assessment

Yan Liu, PhD (Albert-Ludwigs-University of Freiburg, Germany):

Conceptual equifinality in modeling emerging contaminants

Paulo Herrera, PhD (Consultant and UT Federico Santa Maria, Chile):

Modeling and monitoring emerging contaminants: a perspective from Chile

Božidar Čapalija, MSc (Water and Sewerage Comp., Croatia):

Healthy water is a basic need and prerequisite for any sustainable civilisation



C. Organisational Issues

Technical information:

The videoconference will be held online through the meeting platform. You can access it via internet. Detailed information will be send to participants after registration.

The conference the scheduled start hour is 8:50 am, to allow testing of the system and registration. The meeting will begin at 9:00 am, according to the agenda.

Each register participant will give a link to online meeting. Registration is open till 29th November 2020. You can register online via the link:

[Registration form](#)

Moreover, the conference will be streamed live online.

Information on participation:

- be on time,
- When registering for the meeting, please insert project partner number, acronym of your institution and your name; for example: *HGI-CGS_Name*
- During the presentations, the microphone and videos of your computers must be switched off to avoid background noise and limitation to the band width.
- The entire meeting will be moderated by Host. This means that only one person will give the floor to speak at the beginning of each session and presentation.
- Comments will be limited at the end of each presentation if required and upon invitation of the moderator of the session. To speak up - please use “rise hand” commend in Teams - the Host will be able to let you switch on the microphone.

Language:

The conference will be held in English.

For any questions, please do not hesitate to contact:

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More information about the boDEREC-CE project on website:

<https://www.interreg-central.eu/boDEREC-CE.html>