



Mid-term seminar for Project MEDWwater on Zoom

“Pharmaceuticals in wastewaters – levels, impacts and reduction”

23rd of February 2022, 10:00 am - 13:30 pm EET (GMT +2)

AGENDA

10:00 – 10:10	Introduction and welcome
10:10 - 10:25	Project MEDWwater – its origins, aims, activities, and planned achievements by Ieva Putna-Nīmane, researcher at Latvian Institute of Aquatic Ecology Agency of Daugavpils University (LIAE). <i>Simultaneous interpreting available both in Latvian and Lithuanian.</i>
10:25 - 10:55	Strategical planning of introduction of advanced wastewater treatment (AWWT) in Switzerland by Dr. Christa S. McArdell, group leader at Eawag, Switzerland. <i>Simultaneous interpreting available both in Latvian and Lithuanian.</i>
10:55 – 11:25	Technical solutions of advanced wastewater treatment plants (WWTP) in Switzerland - advantages, disadvantages, efficiency in reducing active pharmaceutical ingredients (API) in wastewater by Dr. Christa S. McArdell, group leader at Eawag, Switzerland. <i>Simultaneous interpreting available both in Latvian and Lithuanian.</i>
11:25 – 11:55	Questions and answers to expert of Switzerland
Break for 10 minutes	
12:05-12:25	Preliminary results of active pharmaceutical ingredients in water and wastewater of Latvia and Lithuania by Sergej Suzdalev, researcher at Klaipeda University (KU).
12:25-12:35	Consumption of active pharmaceutical ingredients in Latvia and Lithuania by Ieva Putna-Nīmane, researcher at Latvian Institute of Aquatic Ecology Agency of Daugavpils University (LIAE)
12:35-13:00	Existing policies and strategies in monitoring of active pharmaceutical ingredients and advanced wastewater cleaning technologies by Maruta Vehi, senior specialist at Latvian Environment, Geology and Meteorology Centre (LEGMC)
13:00-13:15	Communication campaign "Nature needs no pill" by Liena Freimane, Kurzeme Planning region (KPR)
13:15-13:20	Concluding remarks

Nature Needs No Pill



Main presenter:

Christa McArdell



Dr. Christa McArdell, Senior scientist / group leader, Department Environmental Chemistry, Eawag, Switzerland – Expert about contaminants in wastewater treatment.

Research interests: Input and fate of organic contaminants, e.g. pharmaceuticals, from urban settlements in the aquatic environment.

Wastewater treatment processes and strategies for the removal of organic micropollutants in conventional and advanced treatment with ozone and activated carbon, in decentralized treatment of hospital wastewater and urine.

Development of analytical techniques for the determination of organic pollutants and (ozonation) transformation products with LC-(HR)MS/MS in sewage and ambient waters.

More information: <https://www.eawag.ch/en/aboutus/portrait/organisation/staff/profile/christa-mcardell/show/>

Public event is organised in the frame of the EU funded (Interreg Latvia-Lithuania Program) project “Pharmaceuticals in wastewaters – levels, impacts and reduction”, (MEDWwater, LLI-527).

Please note that photographs and footage will be taken throughout Event. These will be used by the Project`s reports.