

# PROMISCES: PFAS treatment technologies for contaminated sites : soils, sediments and groundwater

WEDNESDAY 18 SEPTEMBER

14:30 – 18:30 CEST (Central European Summer Time)

Room ?

## Opening

**14:30** Welcome from *Marco Falconi (ISPRA)* and introduction from the Chairs, *Stéfan Colombano (BRGM)*, *Eric van Hullebusch (IPGP)*

## **14:30** Session: part 1 (15 min talk + 5 min questions)

- 1) “Mass balance: determination of "total PFAS" & sampling strategies” (speakers : Julie Lions, BRGM and Thomas J. Oudega, TU Vienna)
- 2) “Toxicity effect- based bioanalysis of PFAS in the water cycle” (speaker: Peter Behnish, BDS)
- 3) “Fate and transport of PFAS in porous media” (speakers: Annemieke Marsman, Deltares, Thomas J. Oudega, TU Vienne and Nicolas Devau, BRGM)
- 4) “Mobilization of PFAS from Heterogeneous Soils: Desorption By Alcohol/Bio-Polymer Mixture” (speaker: Ali Batikh, Colas Environnement)
- 5) “Feasibility of on-site treatment of PFAS contaminated groundwater: lessons learned” (speakers: Jéssica Meijide, Sònia Jou Claus, EURECAT)

## **16:10** Coffee Break

## **16:40** Session: part 2 (15 min talk + 5 min questions)

- 1) “Pilot scale evaluation of advanced technologies for PFAS removal during landfill leachate treatment” (speaker: Ali Hydar, UNIVPM)
- 2) “Effects of plasma treatment of PFAS in model liquids and in leachate of PROMISCES project” (speaker: Evgenia Benova, University of Sofia)
- 3) “Insight into PFOA degradation using DMSO/NaOH” (speaker: Stéphanie Betelu, BRGM)
- 4) “ Ultrasonic cavitation technology for on-site treatment of PFAS contaminated groundwater ” (speaker: Debabrata Panda, IPGP)
- 5) “Transfer and removal of PFAS during treatment and valorization of dredged sediments” (speaker: Massimiliano Sgroi, UNIVPM)
- 6) Wrap-up session by session chairs (speakers: Stéfan Colombano and Eric van Hullebusch) 10’

**18:30 end of the session**

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