

Eawag Seminar Series

Fall 2022

When **Thursday, 16.00 to 17.00, CEST/ CET**

Where **The seminars are open to the public online via zoom. On various dates, on-site participation is also possible. Please check our [agenda](#) for more info and contact seminars@eawag.ch for access details.**

September 16, **11:00-12:00 CEST**

Co-Designing Infrastructures: engineering with local communities in London, UK

Prof. Sarah Bell, Chair in Urban Resilience and Innovation, University of Melbourne, Australia

September 22

Agroecology: "Transforming food and farming systems"

Prof. Urs Niggli, President Institute of Agroecology, Switzerland

September 29

Hydrogeochemistry in the 21st century

Prof. Chen Zhu, Dept. of Earth and Atmospheric Sciences, Indiana University, USA

October 06

Confronting the threat of PMT/vPvM substances to protect water resources

Prof. Hans Peter Arp, Technical Expert, Environmental Chemistry, NGI, Norway

October 13

Downstream of Switzerland – a landscape view to reduce chemical pollution

Prof. Leo Posthuma, Dutch National Institute for Public Health and the Environment (RIVM), Bilthoven, The Netherlands

October 27

Decision Support for Environmental Management- Concepts and Application to Surface Water Restoration

Prof. Peter Reichert, Former Head of Department SIAM, EAWAG, Switzerland

November 03

Adsorption of organic contaminants and natural organic compounds at the water-air interface

Prof. Ian Bourg, Department of Civil and Environmental Engineering (CEE) and High Meadows Environmental Institute (HMEi), Princeton University, USA

- November 10 **Climate change impacts on water availability in Germany - Can water reuse be part of the solution?**
Prof. Dr.-Ing. Jörg E. Drewes, Chair of Urban Water Systems Engineering, Technical University Munich, Germany
- November 17 **Long Short-Term Memory networks for large-scale rainfall-runoff modeling**
Dipl.-Ing. Frederik Kratzert, Johannes Kepler University Linz, Austria
- November 24 **Digital twins in support of wastewater management – Getting the theory into practice**
Prof. Peter Vanrolleghem, Chair, Department of Civil Engineering, Laval University, Canada
- December 01 **Ask me anything..**
Prof. Dr. Janet Hering, Director Eawag
- December 08 **Protecting and restoring freshwater biodiversity: Evidence, Engagement and Emotion**
Prof. Dr. Steven J. Cooke, Director of the Institute of Environmental and Interdisciplinary Science, Carleton University, Canada
- December 15 **How fluorescence spectroscopy can help to optimize drinking water treatment**
Prof. Kathleen Murphy, Architecture and Civil Engineering, Chalmers University of Technology, Sweden