

Eawag Seminar Series

Spring Semester 2022

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

Where **The seminars are open to the public online via zoom. Please see our [agenda](#) for more info and contact seminars@eawag.ch for access details.**

February 24	Karst groundwater resources and ecosystems – from a global and holistic perspective to current research in alpine karst systems <i>Prof Nico Goldscheider, Karlsruhe Institute of Technology - KIT, Germany</i>
March 3	The evolution of family life in sticklebacks <i>Prof Alison M. Bell, Department of Evolution, Ecology and Behavior, University of Illinois at Urbana-Champaign, USA</i>
March 10	How to measure resilience of an ecosystem <i>Prof Steve R. Carpenter, Center for Limnology, University of Wisconsin, Madison, USA</i>
March 17	Tackling the institutional barriers to a transformation of urban water management - A global perspective <i>Dr. Christian Binz, Department Environmental Social Sciences, Eawag, Dübendorf, Switzerland</i>
March 24 (9-10 am)	Understanding exposure of human populations – from pooled surplus pathology samples to wastewater <i>Prof Jochen Mueller, Faculty of Health and Behavioural Sciences, The University of Queensland, Brisbane, Australia</i>
March 31	Smart Water Futures: Decision making under ambiguity <i>Prof Phoebe Koundouri, Director of Research laboratory on Socio-Economic and Environmental Sustainability (ReSEES), Athens University of Economics and Business, Greece</i>
April 7	Real-time to real-life: Phylogenetics and SARS-CoV-2 variant tracking <i>Dr. Emma Hodcroft, Institute of Social and Preventive Medicine (ISPM), University of Bern, Switzerland</i>

- April 21 **Multi-scale problems in subsurface environments: what we can learn from each scale**
Dr. Joaquin Jimenez-Martinez, Department Water Resources and Drinking Water, Eawag, Dübendorf, Switzerland
- April 28 **Encapsulated microorganisms for enhanced wastewater treatment**
Prof Paige J. Novak, Department of Civil, Environmental, and Geo- Engineering, University of Minnesota, Minneapolis, USA
- May 5 **Bioinformatics is for everyone: Applications to challenges in ecotoxicology**
Dr. Carlie LaLone, U.S. Environmental Protection Agency, Washington, DC, USA
- May 12 **Coupling infiltration and morphology models to understand the dynamics of blue-green infrastructure**
Dr. Virginia Smith, Assistant Professor, Civil and Environmental Engineering, Villanova University, USA
- May 19 **Microbial cleantech solutions for nitrogen management on Earth and in Space: Enablers for air, food and water production**
Prof. Dr. Siegfried Vlaeminck, University of Antwerpen, Belgium
- June 2 **Advancing environmental forensics of per- and polyfluoroalkyl substances**
Prof Jennifer Field, College of Agricultural Sciences, Oregon State University, Corvallis, USA