

Eawag Seminar Series

Fall Semester 2020

When **Thursdays, 16.00 to 17.00**

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.**

September 17	Is wastewater a useful indicator to assess the spread of COVID-19? <i>Dr. Tim Julian, Dept. Environmental Microbiology, Eawag</i>
September 24	Genomics of the Alpine whitefish radiation <i>Dr. Philine Feulner, Dept. Fish Ecology & Evolution, Eawag</i>
October 1	Venture Capital meets water <i>Dr. Helge Daebel, Water Emerald Technology Ventures, Toronto, Canada</i>
October 8	Deep learning, AI and environmental sciences: a tour on what can be done and what we can (must?) improve <i>Prof. Devis Tuia, EPFL, Environmental Computational Science and Earth Observation Laboratory (ECEO), Sion, Switzerland</i>
October 15	Aerial-aquatic drones for water sampling <i>Prof. Mirko Kovac, Imperial College London, UK and Empa, Switzerland</i>
October 22	Joint seminar on drinking water for development & environmental chemistry of biomolecules Environmental chemistry of biomolecules: drugs, enzymes and natural toxins <i>Dr. Elisabeth Janssen, Dept. Environmental Chemistry, Eawag</i>
	Applied research on safe drinking water for development: Technologies and management strategies <i>Dr. Sara Marks, Dept. Sanitation, Water and Solid Waste for Development, Eawag</i>
October 29	Time is of the essence: containment of the SARS-CoV-2 epidemic in Switzerland from February to May 2020 <i>PD Dr. Christian L. Althaus, University of Bern, Switzerland</i>
November 5	Smart textiles for the development of innovative facemasks <i>Prof. Dr. René Rossi, Empa, Swiss Federal Laboratories for Materials Science and Technology, St. Gallen, Switzerland</i>

November 12	Technology for global sustainable development <i>Dr. Adina Rom & Alexandra Hees, ETH Zürich, Switzerland</i>
November 19	Scalability, accuracy and assumptions of joint species distribution models – a synthesis <i>Prof. Dr. Florian Hartig, University of Regensburg, Germany</i>
November 26	More Sustainable Food from the Oceans: Rethinking Ecosystem-Based Management <i>Prof. Katja Enberg, University of Bergen, Norway</i>
December 3	The international Mont Terri rock laboratory: research in the field of radioactive waste disposal and CO2 sequestration <i>Dr. Paul Bosshart, Federal Office of Topography – Swisstopo, St-Ursanne, Switzerland</i>
December 10	Roadway runoff as a source of toxic trace organic contaminants to surface waters <i>Prof. Edward P. Kolodziej, University of Washington, USA</i>
December 17	Uncertainty in projections of hydrological biogeochemical and environmental models <i>Prof. Dr. Lutz Breuer, Chair in Landscape, Water and Biogeochemical Cycles, Justus Liebig University Giessen, Germany</i>