

# Surface Waters - Seminars

## Fall Semester 2018

Time **11.00 - 12.00am**  
Location **Eawag Kastanienbaum / if requested videoconferencing FC-C09 Eawag Dübendorf**

Monday, 17.09., Seeheim	<b>Buoyancy-driven cross-shore flows in lakes induced by night-time cooling</b> Tomy Doda Dept. of Surface Waters, Eawag
<b>Research Plan Presentation</b>	
Monday, 24.09., Seeheim	<b>Long-term trends in Swiss rivers sampled continuously over 39 years reflect changes in geochemical processes and pollution control</b> Dr. Jürg Zobrist Emeritus, Dept. Water Resources and Drinking Water, Eawag <i>Host: Beat Müller</i>
Monday, 01.10., Seeheim	<b>Noble gas analysis at highly gaseous Lake Kivu: remarkable results and implications</b> Fabian Bärenbold Dept. of Surface Waters, Eawag
Monday, 08.10., Seeheim	<b>Restoring water quality and ecosystem services on the landscape through natural channel design and stream anabranching</b> Prof. Dr. Curtis J. Richardson Nicholas School of the Environment, Duke University <i>Host: Scott Winton</i>
<b>CEEB Seminar</b>	
Monday, 15.10., Bootshaus	<b>Persistence and change – Exploring long-term forest cover dynamics in Switzerland (1850-2000)</b> Dr. Christin Loran Swiss Federal Inst. for Forest, Snow and Landscape Research WSL <i>Host: Christine Weber</i>
<b>CEEB Seminar</b>	
Monday, 22.10., Bootshaus	<b>Eco-genomic niche diversification in planktonic freshwater microbes</b> Dr. Michaela Salcher Limnology, University of Zurich <i>Host: Magdalena Mayr</i>

Monday, 29.10., Seeheim	<b>Coupled 1D physical-biogeochemical model system to simulate primary production in Lake Geneva</b> Dr. Shubham Krishna Physics of Aquatic Systems Laboratory, EPFL Lausanne <i>Host: Damien Bouffard</i>
Monday, 05.11., Seeheim	<b>Spatiotemporal variability of CO<sub>2</sub> in various lake systems – How much are we lacking?</b> Dr. Hannah E. Chmiel Physics of Aquatic Systems Laboratory, EPFL Lausanne <i>Host: Alfred Johnny Wüest</i>
Monday, 12.11., Seeheim	<b>Heterocyst glycolipids: A novel tool to assess the role of climate change on the formation of harmful cyanobacterial blooms</b> Dr. Thorsten Bauersachs Department of Geosciences, Kiel University <i>Host: Carsten Schubert</i>
Monday, 19.11., Seeheim	<b>Mechanical energy mixing in radiatively-heated ice-covered lakes</b> Dr. Hugo Ulloa Physics of Aquatic Systems Laboratory, EPFL Lausanne <i>Host: Damien Bouffard</i>
Monday, 26.11., Seeheim <b>Research Plan Presentation</b>	<b>Paleo-ecotoxicology: Shining a light on the true impacts of pollution</b> Remo Röthlin Dept. of Surface Waters, Eawag
Monday, 03.12., Seeheim	<b>Resistance, resilience and ecological stability of biofilms in anammox reactors</b> Dr. Robert Niederdorfer Dept. of Surface Waters, Eawag
Monday, 10.12., Seeheim <b>CEEB Seminar</b>	<b>The good, the bad, and the ugly gravel</b> Dr. Manuel Nitsche Federal Office of the Environment <i>Host: Christine Weber</i>
Monday, 17.12., Seeheim	<b>Of sensor and isotopes – piecing together the carbon biogeochemistry of the Danube Delta</b> Marie-Sophie Maier Inst. Of Biogeochemistry and Pollutant Dynamics, ETH Zurich