Eawag Seestrasse 79 6047 Kastanienbaum Switzerland Phone +41 (0)58 765 21 11 www.eawag.ch



## Surface Waters Seminars Autumn 2024

## When Mondays, 11:00 – 12:00am

Where Eawag Kastanienbaum, Seminar room Seeheim & online via Zoom Please contact ceeb@eawag.ch for access details.

| September 16<br>Kastanienbaum Seminar* | Development of an early warning modelling tool for<br>sustainable lake management: assessing thermal dynamics,<br>methane harvesting, volcanism, and climate change impacts<br>Jean Modeste Mushimiyimana<br>Dept. of Surface Waters, Eawag / ETH Zurich |
|--|--|
| October 7<br>Eawag Dübendorf & online  | A 7 ka high-resolution lipid biomarker record from Moossee<br>Maximilian Prochnow<br>Physical Geography, Institute for Geography, Friedrich Schiller<br>University Jena, Germany<br>Host: Nathalie Dubois  |
| October 14                             | <b>The redox cycle of manganese in Lake Zug - 6 month<br/>research proposal</b><br>Pasqualina Vonlanthen DiNenna<br><i>Dept. of Surface Waters, Eawag / ETH Zurich</i>   |
| October 21                             | <b>Dynamic of horizontal structures in lakes</b><br>Anne Leroquais<br><i>Dept. of Surface Waters, Eawag</i>  |
| October 28<br>Kastanienbaum Seminar*   | From microbial interactions at the microscale to<br>environmental solutions<br>Dr. Olga T. Schubert<br>Dept. of Environmental Microbiology Eawag / ETH Zurich<br>Host: Helmut Bürgmann   |
| November 4                             | <b>New Drivers in Microbial C1 Cycling</b><br>Prof. Dr. Marie Charlotte Schölmerich<br>Department of Environmental Systems Sciences, Institute of<br>Biogeochemistry and Pollutant Dynamics, ETH Zurich,<br>Host: Helmut Bürgmann                        |

| November 11                          | Lake monitoring in the 21st century: from discrete samples<br>to an integrated view using high-frequency data and<br>simulations<br>Dr. Fabian Bärenbold<br>Dept. of Surface Waters, Eawag                                 |
|--------------------------------------|--|
| November 18                          | Interactions and dynamics in habitat and settlement<br>networks for sustainable conservation planning<br>Dr. Maarten J. van Strien<br>Institute for Spatial and Landscape Development ETH Zurich<br>Host : Marta Antonelli |
| November 25                          | Seasonal patterns of mixing and the distribution of iron and<br>manganese in a monomictic drinking water reservoir<br>Ya Zhu<br>Dept. of Surface Waters, Eawag, / Hohai University, China                                  |
| December 2                           | The influence of hydraulic control on the distribution of<br>oxygen in Lake Zug<br>Dr. Jemima Rama<br>Dept. of Surface Waters, Eawag   |
| December 9<br>Kastanienbaum Seminar* | <b>Dynamic occupancy models for amphibian conservation</b><br>Dr. Helen Moor<br><i>Dept. of Systems Analysis, Integrated Assessment and</i><br><i>Modelling, Eawag</i><br>Host: Christine Weber                            |
| December 16                          | <b>New insight into trace metal cycling in the ocean</b><br>Chun Fung Chiu<br>Dept. of Surface Waters, Eawag / ETH Zurich  |

\*Kastanienbaum Seminars are more general and addressed also to the Department of Fish Ecology & Evolution