

Universität  
Basel

# Microbial ecology and biogeochemistry of Alpine Aquatic Ecosystems

(UniBas Course 33386-01; 2 CP)

**5 Day Field Class for Earth and Environmental Science  
Students**

**Sunday, July 16 through Friday, July 21, 2023**

Guided by

Dr. Jakob Zopfi, Prof. Moritz Lehmann (UniBas)

Prof. Martin Schroth, Dr. Rob Schmitz (ETHZ)

**Location:** Alpe di Cadagno (Val Piora, Tessin)

**Topics:** 5 day hands on practical course combining excursions, field- and laboratory work. Study topics include the limnology and biogeochemistry of the crenogenic meromictic Lake Cadagno, greenhouse gas formation in wetlands, diversity and biogeochemistry of microbial mats, and nitrogen-fixation activity in bacterial alder-root symbionts.

**Accommodation:** Alpine Biological Station at Cadagno, [www.cadagno.ch](http://www.cadagno.ch)

**Meeting point:** ABC Cadagno, 17h, July 16, 2023

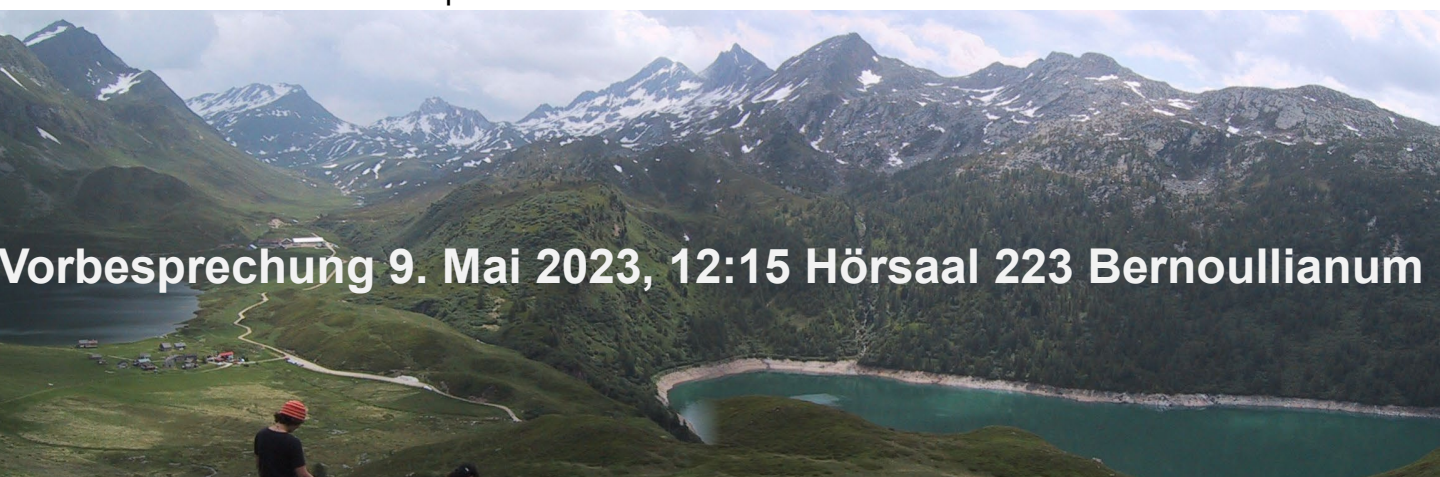
**Costs:** CHF 400.- (Accommodations and meals for 5 days; travel not included)

**Insurance:** Is the responsibility of each participant

**Enrolment:** Secretariat Biogeochemistry (Frau H. Zaljevic, [sekretariat-biogeochem@unibas.ch](mailto:sekretariat-biogeochem@unibas.ch)), for payment; enrolment via UniBas online services is also required

**Participants:** max. 10 from UniBas (preference is given to MSc students) plus 10 from ETHZ

**Information:** [jakob.zopfi@unibas.ch](mailto:jakob.zopfi@unibas.ch) or [moritz.lehmann@unibas.ch](mailto:moritz.lehmann@unibas.ch) further details will follow upon enrolment



**Vorbesprechung 9. Mai 2023, 12:15 Hörsaal 223 Bernoullianum**