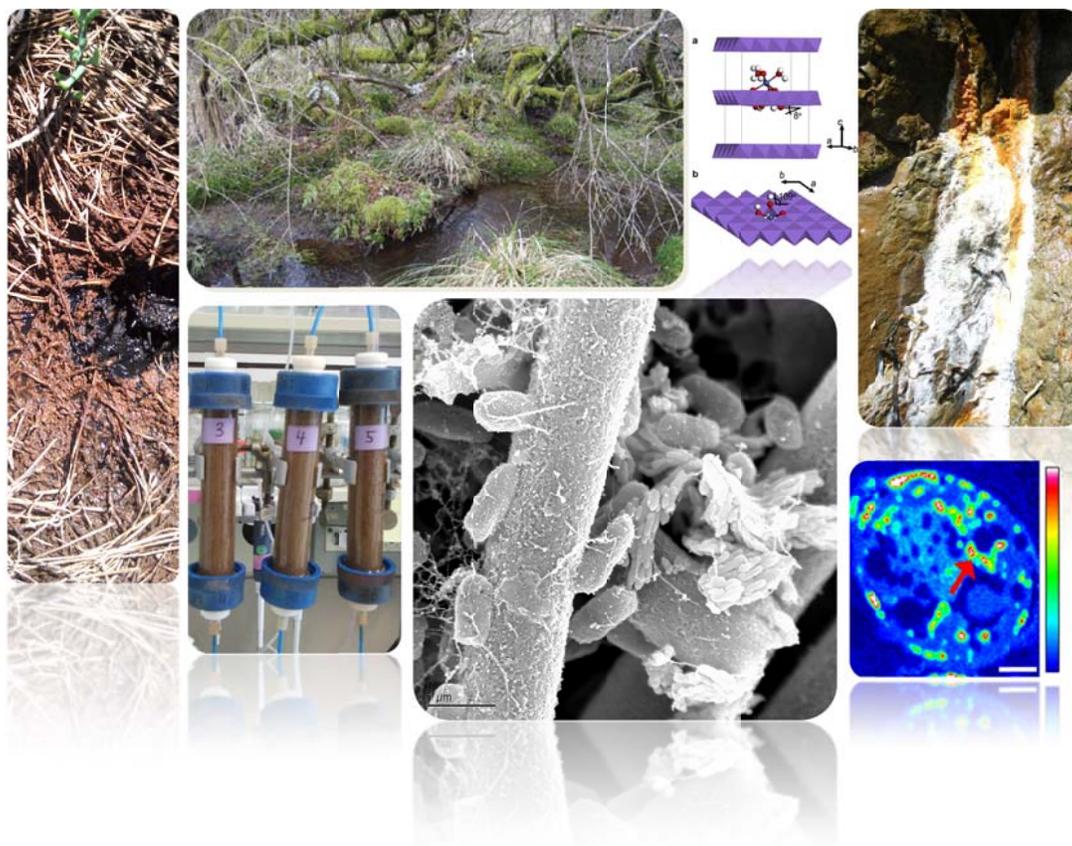


Environmental Biogeosciences Symposium

Conveners: Jasquelin Peña (UNIL-FGSE) and Rizlan Bernier-Latmani (EPFL-ENAC)



Symposium description:

The objective of this symposium is to gather geoscientists whose research includes biological components, particularly as related to environmental processes. We call for contributions that encompass the role of microbes in nutrient cycling and contaminant fate and transport. The role of microorganisms can include microbes as reactive surfaces as well as metabolically active entities that contribute to the formation and dissolution of minerals and the cycling of nutrients. We encourage submissions that showcase the use of advanced molecular-scale techniques to probe interfaces, elemental speciation and metabolic processes, as well as quantitative approaches to model biogeochemical and biogeophysical processes of environmental importance. This symposium will emphasize interdisciplinary research to cross-fertilize the fields of geoscience and biology.

Keynote speaker: Victoria J Orphan (Caltech, CA, USA)

Invited speaker: Moritz Lehmann (University of Basel, Switzerland)

Invited speaker: Vera Slaveykova (Institute F.-A. Forel, Geneva, Switzerland)

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