



## BioGeo-Colloquium

Institute of Geosciences - Institute of Microbiology - Institute of Biodiversity

**Tuesday, 4:15 pm (16 c.t.),  
Presented hybrid or online**

Current research topics at the interface of Bio- and Geosciences

In case of PRESENCE: Lecture Hall, Wöllnitzer Str. 7, 07749 Jena

Date		
02.04.2024	<b>Presence and online</b> <b>Dan Frederik Lange</b> Max-Planck Institute for Biogeochemistry, Jena, Germany	Molecular cycling of dissolved organic nutrients and indications for nutrient limitations in contrasting Amazon rainforest ecosystems
09.04.2024	No Talk	
16.04.2024	<b>Online only</b> <b>Prof. Denise M. Mitrano</b> Institute of Biogeochemistry and Pollutant Dynamics ETH Zurich, Switzerland	Embracing ecosystem complexity to understand the environmental impacts of (nano- and micro) plastics pollution
23.04.2024	<b>Presence and online</b> <b>Dr. Akbar Adjie Pratama</b> Aquatic Geomicrobiology Group, FSU Jena, Germany & The Ohio State University, Columbus, OH, USA	The hidden virosphere likely drives the microbiome and its functioning in pristine groundwater
30.04.2024	<b>Presence and online</b> <b>Prof. Dr. Thomas Prohaska</b> Head of Department General, Analytical and Physical Chemistry, Montan Universität Leoben, Austria	Isotopes matter – The isotopic toolbox in biogeosciences
07.05.2024	<b>Presence and online</b> <b>Prof. Dr. Christian Jogler</b> Microbial Interactions Group, FSU Jena, Germany	On Subsurface Planctomycetes
14.05.2024	<b>Presence and online</b> <b>Dr. Haley Sapers</b> York University, Toronto, Ontario, Canada	Characterizing the Critical Zone of a Permafrost Hosted Hypersaline Methane Seep
21.05.2024	<b>Presence and online</b> <b>Dr. Jill Bachelder</b> Department of Applied Microbial Ecology Helmholtz Centre for Environmental Research – UFZ, Leipzig, Germany	How does the chemical composition of organic inputs affect Zn and Cd uptake in wheat crops?



28.05.2024	<b>Presence and online</b> <b>Dr. Robert Lehmann</b> Hydrogeology Group, FSU Jena, Germany	10 years scientific drilling and continuous monitoring in the Hainich Critical Zone Exploratory: How understanding of hydrogeological functioning in a Muschelkalk flow system has evolved
04.06.2024	<b>Online only</b> <b>Raffaella Balestrini, PhD</b> Director of the Institute for Biosciences and Bioresources National Research Council of Italy	Plant-mycorrhizal fungi interactions: integration of diverse -omics approaches to study the symbiotic lifestyle
11.06.2024	<b>Online only</b> <b>Soumya Madhavan, PhD</b> Research Scientist IntagBio Sydney Nova Scotia, Canada	A Journey Through OMICS: Unveiling Molecular Mechanisms of Plant Growth in Stressed Environments
18.06.2024	<b>Presence and online</b> <b>Chen Huang</b> Molecular Biogeochemistry Group, Max Planck Institute for Biogeochemistry, Jena, Germany	Dissolved organic matter dynamic in subsurface soil seepage in forest and grassland during snowmelt presented ecosystem-specific response in a case study in Hainich Critical Zone
25.06.2024	<b>Presence and online</b> <b>Prof. Dr. Luitgard Schwendenmann</b> Waipapa Taumata Rau / University of Auckland, New Zealand	Carbon and nutrient dynamics in rapidly expanding temperate mangroves
02.07.2024	<b>Presence and online</b> <b>Prof. Dr. Ellen Kandeler</b> Department of soil biology, University of Hohenheim, Germany	The mineralosphere as microhabitat for microbe, mineral and organic matter interaction in soils