



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		
15.10.24	Presence and online Dr. Rachel Schwartz-Narbonne Department of Biosciences and Chemistry, Sheffield Hallam University, Sheffield, UK	Anammox and Sewage Fungus Lipid Biomarkers to Trace Paleo and Modern Water Pollution
22.10.24	Presence and online Ass.-Prof. Dr. Marie Muehe Department of Applied Microbial Ecology at the Helmholtz Centre for Environmental Research - UFZ, Leipzig and Department of Geosciences at the University of Tuebingen	Climate impacts on metals in crops – and what to do about it
29.10.24	Presence and online Dr. Anne Klosterhalfen Department of Bioclimatology, University of Göttingen, Germany	25 years of Climate Science in National Park Hainich
05.11.24	Presence and online Prof. Dr. Georg Guggenberger Institute of Earth System Sciences, Section Soil Science Leibniz University Hannover	Let the soil help us in coping with transformational challenges
12.11.24	Presence and online Dr. Felipe Borim Corrêa Microbial Interaction Ecology Group, Helmholtz Center for Environmental Research – UFZ, Leipzig, Germany	Assessing Anthropogenic Impacts on the Global Groundwater Viral Ecosystem
19.11.24	<i>DIES LEGENDI/ DIES ACADEMICUS</i>	<i>No talk</i>
26.11.24	Presence and online Dr. Denise M. Akob U.S. Geological Survey, Geology, Energy & Minerals Science Center, Reston, VA, USA	Linking Microbial Diversity to Environmental Health in Ecosystems Impacted by Energy Development
03.12.24	Presence and online Prof. Dr. Doris Vetterlein Department of Soil System Science UFZ Halle	Rhizosphere Spatiotemporal Organisation – a Key to Rhizosphere Functions



10.12.24	Presence and online Arina Ivanova Max-Planck-Institute for Biogeochemistry, Jena, Germany	Developing an advanced mass spectrometric technique to reveal molecular structures of dissolved organic matter
17.12.24		
07.01.25	Prof. Dr. Mitja Remus-Emsermann Department of Biology, Chemistry, Pharmacy Microbiology Freie Universität, Berlin	TBA
14.01.25	Presence and online Prof. Dr. Kai Uwe Totsche Hydrogeology, Friedrich Schiller University Jena, Germany	Beyond AquaDiva – Future research challenges and implications for education, best practices, and policies
21.01.25	Presence and online Katja Burow Research Centre for Horticultural Crops University of Applied Sciences Erfurt, Germany	Targeted use of microbial consortia to support plants in sustainable cultivation
28.01.25	Presence and online Thanh Quynh Duong Helmholtz Center for Environmental Research – UFZ, Leipzig, Germany	Reactive transport modeling of biogeochemical processes from hill slope to catchment scale
04.02.25	Presence and online Uwe Lange Thüringer Landesamt für Landwirtschaft und Ländlichen Raum, Jena	Insights into the Plant Pest Diagnostic Laboratory of Thuringia