



# Research colloquium in Soil Science and Geomorphology

(GEO95)

Winter semester 2024/2025

*Presentations take place on Mondays*

*12:15 pm in seminar room W400, Rümelinstraße 19-23, Westbau*

*Parallel hybrid event via ZOOM:*

<https://zoom.us/j/93969352215?pwd=VFJwMkNWZXJLNHdQZUhDbnZuRkRxZz09>

28.10.24	Quantifying spatial uncertainty to enhance the extrapolation of prediction of soil properties in data sparse regions ( <i>Kerstin Rau</i> )
11.11.24	The role of mosses on water retention, soil stability, and carbon storage in temperate forests ( <i>Corinna Gall</i> )
25.11.24	Interspecific variation of allelochemicals in four Himalayan rhododendron species, along the treeline ecotone of the Langtang Valley ( <i>Lisa-Marie Kunz &amp; Romina Granacher</i> )
09.12.24	Biochemostratigraphy of the Eger floodplain – detection and quantification of heavy metal contamination and paleoenvironmental conditions ( <i>Snježana Pejdanović</i> )
16.12.24	Identification of an appropriate staining agent for location and degradability of particulate organic matter (POM) in soils using X-ray computed tomography (CT) ( <i>Madhavi Parajuli</i> )
13.01.25	Semantic Segmentation of Soil Erosion by Water ( <i>Hadi Shokati</i> )
20.01.25	Floods and droughts - the influence of climate change and land use ( <i>Prof. Dr. Karl Auerswald, TU München</i> ) <b>18:15 pm Geographical colloquium (HS 4329, Theologicum, Liebermeisterstr. 16)</b>
27.01.25	Biological Soil Crust and Climate Effects on Soil Stabilization, Erosion, and Nutrient Dynamics across the Chilean Coastal Range ( <i>Nicolas Rivéras-Muñoz</i> )
03.02.25	Conformal Prediction: Redefining How We Address Uncertainty in Predictive Models ( <i>Nafiseh Kakhani</i> ) Ich sehe was, was Du nicht siehst - Geophysik in Geomorphologie, Hydrologie und Bodenkunde ( <i>Dr. Daniel Schwindt, Uni Göttingen</i> ) <b>18:15 pm Geographical colloquium (HS 404, Rümelinstr. 23)</b>

Status: 15.10.24



*We are happy about many listeners!*  
*Corinna Gall, Peter Kühn & Thomas Scholten*