



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>) |
| 02.12.24 | Interspecific variation of allelochemicals in four Himalayan rhododendron species, along the treeline ecotone of the Langtang Valley (<i>Lisa-Marie Kunz & 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>) 18:15 pm Geographical colloquium (HS 4329, Theologicum, Liebermeisterstr. 16) |
| 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>) 18:15 pm Geographical colloquium (HS 404, Rümelinstr. 23) |

Status: 11.11.24



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