



Research seminar in Soil Science and Geomorphology (GEO95)

Summer Semester 2026

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/94530405120?pwd=mkiubg6OsLaSUgt5GT0WII5opKY0NH.1>

Oral, Pico & Poster Session for the EGU conference (only in presence!)

Krummholz at the Forefront of Treeline in the Himalaya: The Biotic Lock
Decoupling Treeline Shift due to Climate Warming **(Oral)** | **Rabindra Adhikari**

First steps towards the reconstruction of land use in the medieval Fluvial
Anthroposphere of the Echaz floodplain **(Pico)** | **Snježana Pejdanović**

27.04.26 Microaggregate-scale heterogeneity as an indicator of initial soil formation in
Antarctic cold desert soils **(Poster)** | **Pegah Khosravani**

From Moss to Mineral: Soil Organic Carbon Fractionation under Bryophytes in
Temperate Forests **(Poster)** | **Madhavi Parajuli**

Long-Term Trends in Rainfall Erosivity Derived from a Deep Learning
Reconstruction Framework **(Poster)** | **Hadi Shokati**

11.05.26 Antarctica in Practice: Fieldwork, Station Life, and Scientific Exploration | **Pegah Khosravani**

18.05.26 New insights from geosciences methodological approaches in archaeology |
Mathias Bellat (fully remote!)

15.06.26 Rapid flood mapping from aerial imagery using fine-tuned SAM and ResNet-
backboned U-Net | **Hadi Shokati**

06.07.26 "Krummholz in treeline ecotones" - Key to treeline shift in Himalaya? |
Rabindra Adhikari

13.07.26 Use of Soil Maps for Vegetation Classification and Management | **Gregor Jetter**

20.07.26 When the Ground Shifts: Site Conditions, Landslide Risk Models, and Plant
Performance | **Samira Garkisch**

Status: 13.04.26



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