

Master Thesis MSc Geology 2024

Subject	Advisor	Co-advisor
Equilibrium Line Altitude Based Precipitation Reconstruction for former Glaciers in the Feldberg Region (SW Germany)	Hofmann	Christen
Reconstruction of equilibrium line altitudes (ELAs) of former glaciers at two key localities in the southern Black Forest, Germany	Hofmann	Hergarten
Fluvial Dynamics in the Upper Nan River Valley, Northern Thailand: Investigating Floodplain Deposits Northeast of Nan	Preusser	Wilk
Fluvial Dynamics in the Upper Nan River Valley, Northern Thailand: Meander Cutoff Evolution	Preusser	Wilk
Modelling the debris flow in the Rauris valley using a 2-phase model	Hergarten	Preusser
Structural Analysis of Venusian Chasmata and Troughs using Magellan Data	Kenkmann	Hergarten
Revisiting the Complex Diamicton Stratigraphy Near Illmensee-Lichtenegg, Höchsten, Germany	Gegg	Hergarten
Dynamic of the Floodouts in the Flinders Ranges, a semi-arid region in South Australia	May	Preusser
Investigation of Recent Volcanic Activity on Reykjanes Peninsula, Iceland, as an Analog for Venus	Kenkmann	Arnold
Fluvial Dynamics in the upper Nan river valley, Northern Thailand – Investigating a fan-shaped depositional landform southeast of Nan	Preusser	Wilk
Subsurface storm flow induced variability of electrical and electromagnetic properties in Padaster Valley mountainside (Eastern Alps, Austria)	Wilk	Weiler
Reinvestigation of the iron phase diagram at Earth's interior conditions using ultrafast X-ray diffraction	Prescher	Fiederle
Fenites: a thermodynamic study	Dolejs	Siebel
REE-bearing phases in Malmberget Iron-Oxide-Apatite Ore Deposit, northern Sweden	Dolejs	Siebel
Mapping and kinematic characterization of tectonic faults of the Reykjanes peninsula, Iceland	Kenkmann	Geiger

Fluid- and deformation-mediated mass transfer in eclogites, Monviso, Italy	Dolejs	Kenkmann
Geotechnical properties of glacial sediments in the area close to Andelfingen, Switzerland	Gegg	Hergarten
High Resolution Analysis of Loess from Köndringen, SW Germany	Preusser	Poelchau
Petrology of Saprolites in Central Hesse	Dolejs	Gegg
Geotechnical Characterization of a Glacial Sediment Profiles: A Case Study On Gaisbeuren, Southwestern Germany	Gegg	Hergarten
Active tectonics of the Schönberg area as part of the Upper Rhine Graben	Kenkmann	Wilk
Structural analysis of faults on the Reykjanes Peninsula using field data and drone imagery	Kenkmann	Hergarten
Surface deformation associated with the 2023-2024 volcanic activity in the Reykjanes Peninsula (Iceland)	Carboni	Hergarten