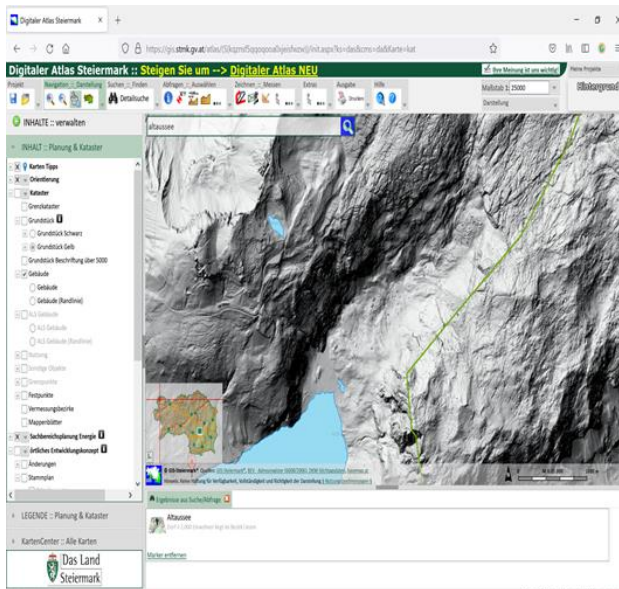


# New Master Thesis

**Fields of Study:** Kulturtechnik,  
Landschaftsplanung

**Topic & Title:** Mapping of Rock fall deposits in a “Kar-like” valley north of Lake Altaussee (Styria)

**Fig 1:** GIS Steiermark with Kar-like valley north of Lake Altaussee **Fig. 2:** Block inspection



**Planned work:** Lake Altaussee (Styria, <https://en.wikipedia.org/wiki/Altaussee>) is surrounded by steep mountains with about 1000 m of vertical altitude difference between the lake and the summits. In a kind of kar-valley between Loser and Trisselwand large blocks of limestone are found. A central task of the thesis is the detailed mapping of blocky deposits with respect to their size and geographic position as well as their lithology.

Particular focus of field work also includes a check concerning potential methods providing age control, for example the occurrence of organic material such as tree trunks for direct dating using radiocarbon, or any other applicable method (Schmidt-Hammer?,...). One outcome of the thesis is a catalogue (description and documentation) of all relevant blocks.

**Language:** Due to international collaboration, the language of the MSc will be English.

**Project team:** Silke Merchel, Stephanie Neuhuber, Sandra Braumann, Christopher Lütthgens, Erwin Heine & Markus Fiebig, under the umbrella of the Walter Munk Foundation  
<https://waltermunkfoundation.org/>

**A capability to cope with difficult topography is necessary. The terrain between the blocks is very difficult to assess. If you are interested, please contact:** [markus.fiebig@boku.ac.at](mailto:markus.fiebig@boku.ac.at)