

The Institute of Geography and Regional Science (University of Graz) offers a PhD opportunity connected with a post as:

Project Assistant (PhD position)

30 hours a week; fixed-term employment for the period of 24 months (extension to 36 months depends on evaluation); envisaged starting date 01 May 2017

Job specification:

- Employment in the ACRP-funded research project RunSed-CC (Modelling Runoff and Sediment Fluxes in Alpine Torrents under Climate Change Conditions) with the aim of graduating. The project aims at quantifying the water and sediment fluxes in the geomorphologically active Schöttlachtal and Johnsbachtal areas (Styria) using a coherent modelling chain (precipitation – runoff – sediment transport). Further foci are on validating the model results by means of geomorphological measurements, transferring the approach to other alpine catchments in Austria, and on integrative consideration of different stakeholder interests.
- Specific aim of PhD position is to deal with the improvement of precipitation measurement and the catchment-wide precipitation-runoff modelling for the Schöttlachtal catchment (including transfer modelling to other catchments) under supervision of Prof. Schöner and Prof. Sass.

Professional qualifications:

- Above-average degree in physical geography or related sciences (e.g. hydrology, geology, geophysics) and experience in:
 - hydro-climatological modelling (e.g. precipitation-runoff modelling),
 - processing large data sets,
 - scripting with R, Matlab (or similar tool) and
 - command of GIS applications,

documented e.g. by a relevant master thesis.

We expect a candidate who is able to work autonomously on scientific problems, having intellectual curiosity and creativity, teamwork capacity and the willingness for international and interdisciplinary co-operation. Very good command of English is required. Experience in publishing your scientific work and in presenting your it at conferences would be advantageous.

The salary is according to the salary scheme of the Universitäten-KV (University Collective Agreement): §49/Gehaltsstufe B1 (minimum salary of EUR 2.731,00 gross/month; may be higher due to previous employment periods).

Please send your application including the cover letter, CV, relevant documents and a 1-page summary of your master thesis, merged in one pdf file, to wolfgang.schoener@uni-graz.at. Application Deadline: **21 April 2017**