

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

Project Assistant

30 hours a week; fixed-term employment for the period of 36 months; envisaged starting date
2 Jan. 2020

Job description:

The successful candidate will work for the interdisciplinary research project **Snow2Rain** (From phase transition of precipitation to changing local livelihoods, emotions and affects in East Greenland). The project aims at bringing together Traditional Ecological Knowledge (TEK) with natural science snow observations and analysis in order to explore the benefit of their synergies. Doing so, not only the understanding of snow changes in SE-Greenland should be improved, but also the perception of environmental changes by local people. Snow2Rain includes two closely cooperating PhD positions, one for snow climatology (University of Graz) and one for social anthropology (University of Vienna).

The work of the PhD position related to snow climatology includes:

- (i) To analyze existing and newly established, supplementary observational data of snow properties (including the phase change from snow to rain) for the study region (including field work in the Tasiilaq-Sermilik region)
- (ii) To better understand spatial variability of snow changes forced by large scale patterns as well as local effects such as e.g. coastal near inversions and orography
- (iii) To downscale future snow climatology from existing regional climate model runs for Greenland for the study region

Expected professional qualifications:

Above-average degree in climatology related science (e.g. geography, meteorology, geophysics) with interest in interdisciplinary research. Specific skills in:

- snow climatology,
 - snow measurements,
 - scripting with R, Matlab (or similar tool)
- are beneficial.

We expect a candidate who will work independently 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 it at international conferences is 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 cover letter, CV, relevant documents and a 1-page summary of your master thesis, merged into one pdf file, to wolfgang.schoener@uni-graz.at.

Application Deadline: **15 December 2019**