Lehrstuhl für Hydrologie und Flussgebietsmanagement
Ingenieurfakultät Bau Geo Umwelt
Technische Universität München

Open position starting from 01.01.2019 for three years as

PhD position Hydrological Modeling of Alpine Catchments

About us

The Chair of Hydrology and River Basin Management (www.hydrologie.bgu.tum.de) of the Technical University of Munich is located in the main campus in Arcistrasse 21. A research topic of the Chair is the investigation of hydrological processes in Alpine catchments. In particular, we aim at applying the process based hydrological model WaSiM for the simulation of three high elevation Alpine catchments in the context of the DFG funded project SEHAG.

Tasks

- Homogenization and quality control of climatological and hydrological time series
- Time series analysis, in particular of extreme events
- Hydrological field investigation
- Archive Research
- Hydrological modeling
- Hydrological model development
- Uncertainty analysis

Your Profile

- Strong background in hydrology
- Experience in hydrological modeling using WaSiM.
- Programming skills using Matlab, R or Python
- Basic knowledge of GIS
- Field work experience
- English and German at advanced level

We offer

The successful candidate will be offered a position funded by the Deutsche Forschungsgemeinschaft (DFG, German Research Foundation) for a fixed-term of 3 years. The earliest starting date is 01.01.2019. Salary is TV-L E13 (75%) according to the German TV-L system (Tarifvertrag für den Öffentlichen Dienst der Länder). Employment depends on final approval by the German Research Foundation. The candidate will work at TUM in main campus. Disabled candidates will be given preference over other equally qualified applicants. The University seeks to raise the number of women in research and teaching and therefore urges qualified women to apply.

Contact:
Prof. Dr. Gabriele Chiogna, Gabriele.chiogna@tum.de

Application

Application – preferably by email - will close on 10.11.2018.

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Lehrstuhl für Hydrologie und Flussgebietsmanagement
Prof. Dr.-Ing. Markus Disse

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