

The department of Physical Geography at the Faculty of Geosciences and Geography is currently installing a new environmental research site and is looking for a

Studentische Hilfskraft (f/m) with database management skills

to assist with the setting up of the environmental database of the research site.

The task will consist of:

- Evaluate a limited set of (relational-)data base management systems, (R-)DBMS, with respect to performance of time-series data, administration, and connectivity to analysis software (mostly R)
- Setting up a DBMS to permanently store the collected data, including back-up routines and rights management
- Implementing connection-routines to the RDBMS from within R (query, insert, append, update) in Windows environment.
- Setting up the automatic daily retrieving of the new data over the web.
- Implement the automatic quality check of the data.
- Documentation of installation and code development

The position is for 3 months with 40h to 60h / month (to be discussed, depending on the availability of the successful candidate). The student will benefit from the support of the *eResearchAlliance* of the university.

The position is to be filled as soon as possible. Payment will be 11.07€ per hour for students with a bachelor degree and 9.51€ per hour without a bachelor degree.

Profile

The candidate must have a functional knowledge of SQL, a RDBMS, preferably MySQL, and of R or similar languages or be willing to learn these languages.

Students at any stage of education are encouraged to apply. Disabled persons with equivalent aptitude will be favoured. Interested students should submit an application with a short motivation letter (in English or in German).

Questions and applications should be addressed by e-mail to:

Dr Harold Hughes – hhughes@uni-goettingen.de