As one of the largest employers in Tyrol the University of Innsbruck offers a diverse and exciting field of activity for employees with various educational and occupational backgrounds. The University of Innsbruck welcomes personnel diversity and is committed to the principle of equal opportunity.

The Department of Infrastructure Engineering
Unit of Hydraulic Engineering
is searching for a

**Project Assistant / PhD student (30 h/week)**
(Employment for the period of 36 months; position to be filled at the earliest possible date)

**Job Description/Responsibilities:**

The position is embedded in the ER4CS-AXIS project
**DIRT-X: Evaluating sediment Delivery Impacts on Reservoirs in changing climate and society across scales and sectors**
[http://www.jpi-climate.eu/AXIS/Activities/DIRT_X].
The overall project focus is on the potential increase of erosion and sediment transport in catchments where the excess of sediment could lead to losses in reservoir storage. Consequences such as higher demands for resources due to altered operation, changes in reservoir services to society such as hydropower production are analyzed.

In the Austrian part of the project, the focus is on alpine catchments as test cases. Therein, a mix of monitoring and modelling based approaches are to be applied, aiming to assess current sediment fluxes and their future changes. Duties in frame of the project are

- Covering the relevant aspect with regard to scientific approach set in the project
- Publication of outcomes in reports and scientific journals; Presentations at project meetings and conferences
- Support in the project administration
- Travelling to project meetings, workshops and conferences
- We offer the possibility to conduct a PhD in Technical Science (condition for the admission are separate from this position - see [https://wwwuibk.ac.at/studium/anmeldung-zulassung/doktoratsstudium](https://wwwuibk.ac.at/studium/anmeldung-zulassung/doktoratsstudium/))

**Required qualifications:**

- Master degree relating to the fields of Hydrology, Sediment transport and management, Water and/or Environmental Engineering, Civil Engineering or any equivalent
- Knowledge in hydrology and/or sediment transport or willingness to acquire
- High motivation, teamwork capabilities and communication skills (written and oral)
- Excellent knowledge in English
- German language is beneficial as interaction with stakeholders is part of the project
- Background in sediment transport and/or hydrological/hydraulic modelling
- Programming skills (e.g. Matlab, Python, R), experience with GIS systems is advantageous
Salary:

The minimum gross salary (stipulated by collective agreement) for this position amounts to € 2.148,40-per month (14 times - 30h/week). Furthermore, the University of Innsbruck has numerous attractive offers (http://www.uibk.ac.at/uniervitaet/zusatzleistungen/).

Application:

If you are interested, please submit your full application (Letter of motivation, Curriculum Vitae, optional up to 2 contacts as a reference). For sending your application or any further questions please contact [stefan.achleitner@uibk.ac.at]. Review of submitted applications will start at 31.08.2019.

We are looking forward to receive your application!

The University of Innsbruck is committed to raising the quota of female employees and therefore particularly welcomes applications from qualified women. This applies particularly to managerial as well scientific positions. In the case of female under-representation, women with equal qualifications will be given priority.

In accordance with Austrian disability laws, qualified people with special requirements are expressly encouraged to apply for jobs.

Applicants may not claim travel or hotel expenses accrued during the application and interview process.

www.uibk.ac.at/karriere