

Researcher / Project staff

Nature Based Solution (NBS) in catchment hydrology (employment duration until September 2024, extension planned)



Job Description/Responsibilities:

The Units of Hydraulic and Environmental Engineering at the University of Innsbruck are offering a position as researcher / project staff in the field of hydro-meteorological risk reduction in alpine catchments. Thematic focus is on the evaluation of nature based solutions (NBS) to reduce stormflow on the hillslope and catchment scale in torrential catchments and the altering of flood risk associated to land use and climatic changes.

The work comprises a mix of monitoring and modelling based approaches aiming to quantify stormflow runoff generated at hillslope and catchment scales. Therefore novel irrigation experiments are to be conducted supporting the catchment-based modelling. Working fields in the project includes (a) realization of field experiments covering artificial rainfall/runoff test at the plot scale, (b) assessment of land use changes focusing on NBS, (c) hydrological modelling on the catchment scale to assess NBS including climate change aspects.

The position is initially embedded in the Horizon2020 project RECONNECT (Regenerating ECOSystems with Nature-based solutions for hydro-meteorological risk rEduCTion - <http://www.reconnect.eu/>) and extendable beyond based the candidate's evaluation.

Further the RECONNECT project comprises researchers from 38 partner institutions offering a vital scientific network in which the work is embedded. Duties in frame of the project include

- Publication of outcomes in reports, scientific journals and presentation at project meetings and conferences
- Support in the project administration
- Travelling to project meetings, workshops and conferences

Required qualifications:

To fill that position we search for a candidate having

- Master or PhD degree relating to the fields of Hydrology, Water and/or Environmental Engineering, Civil Engineering or any equivalent
- a working permit for Austria
- Experience in hydrological and hydraulic/soil hydraulic modelling
- Programming skills (e.g. Python, Matlab,...), experience with GIS systems is a clear advantage
- Enthusiasm and motivation to conduct fields experiments in alpine environments
- Excellent knowledge In English (German is an advantage)

- High motivation, teamwork capabilities and communication skills (written and oral)
- Drivers License (European Cat. B) required

Employment/Salary:

Employment is made according to the salary scheme for third-party funded scientific staff at Austrian Universities. The minimum gross salary (stipulated by collective agreement) for this position depends on the candidates state of education and amounts to 45882,20 Euro per year for a prae-doc position and 60 926,60 Euro per year for a postoc position (full time 40 hours/week).

Part time employment is possible upon individual agreement. For additional company benefits for employees of the University of Innsbruck see: <http://www.uibk.ac.at/universitaet/zusatzleistungen/>.



Application:

If you are interested, please submit your full application (Letter of motivation, Curriculum Vitae, up to 2 contacts as a reference) in electronic form until 31.05.2023.

For sending your application (one pdf) or any further questions please email to.

reconnect@uibk.ac.at

We are looking forward to receive your application !
Stefan Achleitner and Manfred Kleidorfer

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

www.uibk.ac.at/karriere