

Postdoctoral position on nature-based solutions in mountain ecosystems

Starting earliest from 01.04.2025, for 3 years, 40 hours per week (full time)

The Department of Ecology at University of Innsbruck seeks a highly motivated candidate with expertise in the field of mountain ecology and ecological modelling. The position is funded within the 3-year Biodiversa+ project EVESNAT (Nature-based Solutions to meet EU Nature Restoration Targets: Evaluating synergies and trade-offs across Ecosystem Services for biodiversity conservation, climate change mitigation, and resilience and autonomy improvement) starting in 2025. The candidate will be employed at the University of Innsbruck working at the Department of Ecology, Sternwartestrasse 15 in Innsbruck (Austria). The position is available for a flexible starting date as soon as possible after 1st April, 2025.

Tasks:

- Conduct research on nature-based solutions, ecosystem services, and biodiversity in mountain social-ecological systems
- Biophysical quantification of ecosystem service of Alpine ecosystems by mapping and modelling
- Apply statistical methods to assess trade-offs and synergies across ecosystem services under different scenarios of nature-based solutions
- Contribute to the development of spatially explicit scenarios of nature-based solutions, organizing workshops and interacting with local stakeholders
- Collaborate with an interdisciplinary team of researchers, policymakers, and stakeholders to identify and implement nature-based solutions
- Participate in knowledge exchange activities, including publishing research papers, presenting at conferences, and engaging with policy communities

Requirements:

- PhD in a relevant field such as environmental sciences, landscape ecology, or geography, or equivalent
- Proven experience in individual-based process models (e.g., forest gap model, landscape-scale forest ecosystem dynamics, land-use/land-cover change modelling) and programming language (e.g., R, Python, Matlab) with the strong willingness to acquire missing competence
- Strong understanding of mountain ecology, ecosystem services, biodiversity, including impacts, mitigation, and adaptation measures
- Excellent written and oral communication skills in English, German is an advantage, including the ability to effectively communicate complex scientific concepts to a diverse audience and to draft scientific articles
- Good interpersonal and collaborative/organizational skills to integrate into an international working group and to interact with associated researchers from different institutions and countries, and with European and local stakeholders

Our offer:

With us, you can expect exciting tasks, flexible working hours, a family-friendly working environment, attractive training and development opportunities, a paid lunch break, a meal allowance and much more! <https://www.uibk.ac.at/en/career/additional-benefits/>

The gross salary for this position is € 4,752 / month (14 times a year.)

How to apply:

Interested candidates should submit their application (CV, cover letter, publication record and further relevant documents in a single PDF file) **by 15.03.2025 via e-Mail** to ulrike.tappeiner@uibk.ac.at

The University of Innsbruck emphasizes equal opportunities and diversity in its personnel policy.

The University of Innsbruck strives to increase the percentage of women and thus expressly encourages women to apply. This is particularly true for leading positions and scientific job offers. In case of underrepresentation women with the same qualifications will be given priority.

Following Austrian disability legislation, qualified persons are strongly encouraged to apply.

For further information, please contact:

Company: University of Innsbruck

Location: Innsbruck

Contact person: Univ.-Prof. Dr. Ulrike Tappeiner

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