

Eurac Research is looking for a

## Identification of biodiversity-rich grasslands and biodiversity-promoting management methods for the Central Alps region

German title	Identifizierung von biodiversitätsreichem Grünland und biodiversitätsfördernden Bewirtschaftungsmethoden für den Zentralalpenraum
Italian title	Identificazione di aree agricole ad alta biodiversità e di metodi di gestione che favoriscono la biodiversità nelle Alpi Centrali

### (optional) **Short description of the position/project:**

Eurac Research is an interdisciplinary research center located in Bozen/Bolzano, Italy. At the Institute for Alpine Environment, we perform ecosystem research with a special focus on global change in mountain environments. The team conducts regional, national and international research projects dealing with ecosystem and landscape ecology of mountain environments with a special focus on global change, biodiversity, ecosystem services and sustainable development.

The current position is embedded in the Biodiversa+ project '*Grasslands for biodiversity: supporting the protection of the biodiversity-rich grasslands and related management practices in the Alps and Carpathians*' at Eurac Research and supports the regional assessment of biodiversity-rich grasslands and biodiversity-promoting management methods in South Tyrol and the neighboring regions. The aim of the position is to conduct vegetation surveys in grassland, to collect spatially-explicit botanical data and to establish a link between the botanical data and information from remote sensing sensors. In addition, the management practices of the sites will be identified through questionnaires and interviews with farmers and stakeholders to determine which management systems are particularly favorable for biodiversity.

### **Tasks:**

- Creation of a database for spatially explicit vegetation samples and important drivers
- Collection of existing vegetation data
- Vegetation resampling of historical vegetation relevées
- Identifying and harmonizing grassland plant richness data
- Identifying the long-term landscape changes on the hotspots of biodiversity-rich grasslands
- Identify management practices on vegetation plots and study farms using field observation
- Identifying the possibilities of extension of the grassland protection
- Develop guidelines to extending the protected grassland network
- Project management
- Drafting of reports and publications, elaboration of presentations for internal and external conferences.

### **Requirements:**

- Master degree in ecology, botany, landscape planning or a related subject
- Excellent skills in ArcGIS, landscape modelling, data management, statistical applications and MS office
- Excellent knowledge of German, written and spoken; excellent knowledge of English, written and spoken
- Experience with management of research data e.g. collection of data, data databases
- Excellent organizational, communication and social skills
- Ability to work autonomously, in a team and with project partners
- Experience in writing of scientific papers and reports

**We offer:**

- A full-time position from 06.05.2024 until 31.12.2025.
- An interesting scope of tasks in cooperation with international partners and stakeholders.
- The opportunity to work in a motivated and interdisciplinary team.
- State-of-the-art technical facilities (soft- and hardware, communication tools)
- Attractive living and working conditions

**How to apply:**

Interested candidates should submit their application (CV, cover letter and further relevant documents) by **31.03.2024** to the following address:

Eurac Research  
Institute for Alpine Environment  
Viale Druso 1 – 39100 Bolzano  
Email: [alpine.environment@eurac.edu](mailto:alpine.environment@eurac.edu)-  
Tel: +39 0471 055 333 / Fax: + 39 0471 055 399

For further information please contact Erich Tasser: [erich.tasser@eurac.edu](mailto:erich.tasser@eurac.edu), Tel: +39 0471 055 343

The project G4B is supported by the Autonomous Province of Bolzano-Bozen - South Tyrol and co-funded by the European Union in the framework of the European partnership "Biodiversa+"

Please attach, after reading the [privacy policy](#) in compliance with the EU Regulation No. 2016/679 (GDPR) and the national legislation, the following consent to your personal record: *'I have read the privacy policy under <http://www.eurac.edu/en/aboutus/Jobs/Pages/default.aspx> and hereby authorize Eurac Research to use my personal data in accordance to EU Regulation No. 2016/679 and national legislation.'* We inform you that we will not be allowed to consider any application without this compliancy declaration.

Please add the following consent if it is of interest to you: *"I hereby explicitly authorize Eurac Research to store my personal data for the purpose of being contacted for potential future job openings".*