

Eurac Research is looking for a

Research associate within the field of natural hazards

German title	Wissenschaftlicher/e Mitarbeiter/in im Bereich Naturgefahren
Italian title	Ricercatore/ricercatrice nell'ambito dei rischi naturali

Short description of the position/project:

The Eurac Institute for Earth Observation develops methods, tools, products and services for the Alps and other mountainous areas, addressing current problems of social-ecological systems in the context of global change. One specific task is the development and implementation of risk and vulnerability assessments scrutinising the potential impacts of natural hazards and climate change. As part of the research area 'Mountains' our institute strives for improved assessments of the interactions of environment and society in mountain regions.

The candidate further develop our research line on natural hazards with a focus on monitoring and analysing gravitational processes, particularly within the context of climate change. The candidate will take a senior position within our institute including the supervision of junior staff as well as leading and acquiring projects.

Tasks:

- Bring forward the Institute's research line on Natural Hazard through methodological and applied research, publications and project acquisition related to the Alps and mountain areas worldwide.
- Initiate, implement and supervise activities related to monitoring and analysis of gravitational processes based on the integration of data from a variety of sources (satellite-based, airborne, in-situ, deterministic and statistical models).
- Providing methodological expertise in statistical data analysis for climate change impact analysis and decision support in the context of risk and vulnerability determination.

Requirements:

Essential

- PhD + min. 2 years scientific working experience in the fields of natural hazards and related processes or climate change impact on the physical environment (desirable in mountain regions).
- Education in geology, environmental science, geo-ecology, physical geography or similar.
- Experience in scientific data analysis using statistical and / or data integration methodologies.
- Demonstrated ability to write peer reviewed publications.
- Experience in project management and fund raising preferably in an international context.
- Very good command of spoken and written English.
- Ability in team working, good communication with users and other international partners.

Desired

- Knowledge in remote sensing techniques (particularly InSAR).
- Experience in GPS field campaigns and or early warning systems
- Work experience in the European Alps.
- Interest in and the ability to carry out fieldwork in mountain study sites.
- Written and oral command of one of the two main languages spoken in South Tyrol: German and Italian.

We offer:

- An interesting, highly responsible job in a young international and interdisciplinary team
- The opportunity for further qualification
- State-of-the-art technical facilities (soft- and hardware, communication tools)
- Access to EURAC's numerous scientific and cultural facilities and events
- An attractive working place in a vivid city in the heart of the Alps with endless opportunities for skiing, hiking, climbing...

The contract will start as soon as possible and will be issued for 3 years with the possibility to be extended after this period.

How to apply:

Interested candidates should submit their application (CV, cover letter and further relevant documents) within **06.10.2017** to the following address:

Eurac Research
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Viale Druso 1 – 39100 Bolzano
Email: earth.observation@eurac.edu- www.eurac.edu
Tel: +39 0471 055 370 / Fax: + 39 0471 055 389

For further information please contact Paola Winkler: Tel: +39 0471 055 370

Please attach, after reading the [privacy policy](#), the following consent to your personal record, in accordance to the data security decree 196/2003 about personal data handling: *'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 decree 196/2003.'* **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"*.