Schweizerische Eidgenossenschaft
Confédération suisse
Confederazione Svizzera
Confederaziun svizra

Eidgenössisches Departement des Innern EDI

Bundesamt für Meteorologie und Klimatologie MeteoSchweiz

The Federal Office of Meteorology and Climatology MeteoSwiss is looking for:

Scientific collaborator for model development

MeteoSchweiz Good to know

80-100%

Zurich-Airport

Salary grade 22

Weather forecasting, alerts, and climate information deliver substantial value to societal, economic, and environmental well-being in both the immediate and long-term context. Are you eager to engage with these critical issues and leverage your specialized knowledge to make a tangible impact? Join our dedicated and dynamic team to play a pivotal role in advancing our meteorological forecasting capabilities.
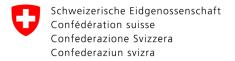
Key Responsibilities
- Collaboratively develop the latest generation weather forecasting system (500 m ICON) for the GLORI Alpine Twin Project and the TEAMx field campaign
- Employ, customize, and further develop our weather forecast model and/or assimilation system
- Perform scientific and technical validations and verifications of these advancements
- Explore personal research interests and contribute to globally recognized journals and conferences

Your profile
- Doctoral degree in atmospheric sciences, natural sciences, computational sciences, or a related field
- Expertise in numerical weather prediction and meteorological data management
- Proficiency in Python and Linux; additional experience in software development and Fortran is advantageous
- Proactive and used to working independently, creatively and goal-oriented
- Collaborative spirit, excellent communication abilities, and a passion for atmospheric physics
- Very good knowledge of English and knowledge of two Swiss languages

Information about MeteoSwiss
The Federal Office of Meteorology and Climatology MeteoSwiss is the national weather service of Switzerland. We record and forecast the weather and climate in Switzerland and thus make a sustainable contribution to the well-being of the population and to the benefit of science, the environment and the economy. The Numerical Prediction Division is a vibrant and progressive team, offering flexible schedules and hybrid work arrangements. We offer a scientifically stimulating role, working with state-of-the-art weather prediction technology within an internationally engaged, small team. Commitment to continuous personal and professional growth is part of our ethos.

Additional information

We aim to appoint two candidates starting January 1, 2024, for a fixed duration of three years. Salary aligns with Swiss federal policies (salary class 22, link to the offical document in german) and will reflect the selected candidate's academic and professional background. Please submit your application online via the federal job portal: http://www.stelle.admin.ch/.

MeteoSwiss actively supports workplace diversity. We particularly encourage applications from women, who are currently underrepresented in our department.

Your application should include a cover letter, a resume, work certificates, a publication list, and the contact details of two references.

For further information, please contact David Leutwyler (he/him), product owner GLORI and staff member in the Numerical Prediction Development Team, at david.leutwyler@meteoswiss.ch.