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**UNIVERSITÄT  
BERN**

**OESCHGER CENTRE  
CLIMATE CHANGE RESEARCH**

Oeschger Centre, Hochschulstrasse 4, CH-3012 Bern

March 08, 2023

The **Division of Climate and Environmental Physics at the Physics Institute** <http://www.climate.unibe.ch> and the **Oeschger Centre for Climate Change Research** <http://www.oeschger.unibe.ch>, University of Bern, Switzerland invite applications for the following position opening **September 01, 2023**.

**Postdoc “Regional Climate Modelling”  
University of Bern, Switzerland  
(80-100%, 2 years plus 2-year extension)**

Regional climate modelling is key to assess past, present and future climate change impacts. The Oeschger Centre has a 15-year experiment in regional climate modelling. Given new international developments of km-scale climate models, we seek enthusiastic highly motivated young candidates who will be in charge to test the ICON model on different computer environments. Scientifically, the candidate can use the model in either of the following fields, such as its application in urban climate, the implementation of a wild fire module and application to e.g. Switzerland, the implementation of new land modules such as the Community Land model CLM compared to the used JSBach module, its application in paleo studies, the implementation of vegetation modules, the implementation of data assimilation, or the assessment of extremes. The PostDoc will be part of the group of Prof. Dr. Christoph Raible (Climate and Environmental Physics). Close collaborations are planned with the group of Prof. Dr. Stefan Brönnimann (Institute of Geography) and with the group of Prof. Dr. Olivia Romppainen-Martius (Institute of Geography). The position is ideally suited for a young researcher to become an expert in regional climate modelling.

**Profile of the candidate**

The successful candidate holds a PhD in Meteorology, Climate or Atmospheric Science, or Physics and has a strong interest in regional climate modelling. She/he has excellent programming and data handling skills, experience in porting climate model to different computer infrastructures, and a keen interest in interdisciplinary research. The candidate is proficient in English, both written and spoken. Background in the climate model ICON on global or regional applications is a plus (but not condition).

**Details**

Starting date September 01, 2023 or upon agreement. Employment conditions and remuneration in accordance with the standards of the University of Bern, Switzerland. The salary ranges between 88,000 and 100,000 CHF p.a. (gross salary; ca 90-105 k US\$).

For further information please contact Prof. Dr. Christoph Raible ([christoph.raible@unibe.ch](mailto:christoph.raible@unibe.ch)).

**Applications**

All applications received **before April 15 2023** will be reviewed, and further applications will be considered until the position is filled. Please send your **application documents in ONE pdf** including a CV, a motivation letter, and contact information for 3 references by e-mail to [info.oeschger@unibe.ch](mailto:info.oeschger@unibe.ch).

**Homepage:** <http://www.oeschger.unibe.ch/> and <http://www.giub.unibe.ch>