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UNIVERSITÄT  
BERN

**OESCHGER CENTRE**  
CLIMATE CHANGE RESEARCH

Oeschger Centre, Hochschulstrasse 4, CH-3012 Bern

October 15, 2019

The Institute of **Mathematical Statistics and Actuarial Sciences** <http://www.stat.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 **February 1, 2020**.

**Postdoc “Statistics of Compound Events”**  
**University of Bern, Switzerland**  
(80-100%, 2 years plus 1 year extension)

Compound weather and climate events refer to multiple climate events that potentially cause large societal impacts. The analysis and prediction of compound events pose substantial challenges from a statistical perspective. The prospective PostDoc will work at the interface of the development of statistical methods and their application to current topics of high interest in climate and weather applications. Potential topics include the evaluation of predictions for (joint) extreme events, the evaluation of multivariate or spatial predictions, and the calibration (or “bias-correction”) of multivariate predictions.

The PostDoc will be a part of the group of Prof. Dr. Johanna F. Ziegel (Institute of Mathematical Statistics and Actuarial Science). Close collaboration is planned with the group of Dr. Jakob Zscheischler (Climate and Environmental Physics KUP), and with the group of Prof. Dr. Olivia Romppainen-Martius (Institute of Geography).

The position is ideally suited for a young researcher in statistics to become an expert in statistics for climate science and weather applications.

**Profile of the candidate**

The successful candidate holds a PhD in Statistics and has a strong interest in climate and weather applications, or he/she holds a PhD in Climate or Atmospheric Science, Meteorology or similar with a very good background in statistics. She/he has excellent programming and data handling skills, and a keen interest in interdisciplinary research. The candidate is proficient in English, both written and spoken.

**Details**

Starting date: February 1, 2020 or upon agreement. Employment conditions and remuneration in accordance with the standards of the University of Bern, Switzerland. The salary ranges between 88,00 and 100,000 CHF p.a. (gross salary; ca 90-100 k US\$).

For further information please contact Prof. Dr. Johanna F. Ziegel ([johanna.ziegel@stat.unibe.ch](mailto:johanna.ziegel@stat.unibe.ch)).

**Applications**

All applications received **before January 1, 2020** will be reviewed, and further applications will be considered until the position is filled. Please send your application documents including a CV, a motivation letter, and contact information for 3 references by e-mail to [office@stat.unibe.ch](mailto:office@stat.unibe.ch).

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