

The **Rheinische Friedrich-Wilhelms-Universität** Bonn is an international research university with a broad range of subjects. With 200 years of history, about 35.000 students, more than 6.000 members of staff and an excellent national and international reputation, the University Bonn ranks among the most renowned universities in Germany and has been awarded the title Excellence University.

The Institute of Geosciences of the Faculty of Mathematics and Natural Sciences is seeking within the BMBF funded project „A Coming Decade – Decadal-scale perspectives for Europe“ a

Research Associate (75%)

limited to 36 months (for doctoral studies). The goal of the project „A Coming Decade – Decadal-scale perspectives for Europe“ is to significantly improve climate predictions for Europe for decadal timescales and develop climate services to support decision-making for the coming years. Coming Decade will take both the forecasting system and the forecast products to the next level. The University of Bonn project will participate in the development of user-specific products for applications with statistical adjustment for reliable probabilistic predictions, and the verification of extremes and multivariable indices.

- Your tasks:
- ◆ Carry out original research work on post-processing and verification
 - ◆ Process and analyze simulation data from decadal climate predictions
 - ◆ Perform statistical-dynamical data analysis and modeling
 - ◆ Work in an interdisciplinary environment at the interface between university research and operational climate services
 - ◆ Publish and present you research in peer-reviewed scientific journals and presentations at national and international conferences
- Your Profile:
- ◆ University degree (MSc or equivalent) in meteorology, geophysics, physics, or similar discipline
 - ◆ Expertise in statistical data analysis and Earth system modeling
 - ◆ Interest in interdisciplinary and international research
 - ◆ Good written and spoken English
 - ◆ Technical knowledge of Python, R, FORTRAN or C
- We offer:
- ◆ A diverse and challenging work with one of the largest employers in the region
 - ◆ Collaboration with the German meteorological service, Deutscher Wetterdienst
 - ◆ Development of an independent research portfolio
 - ◆ Occupational retirement scheme (VBL)
 - ◆ Numerous offers for university sports
 - ◆ Remuneration according to E13 TV-L

The University of Bonn is committed to diversity and equal opportunities. It is certified as a family-friendly university. Its goal is to increase the proportion of women in areas where women are underrepresented and to particularly promote their careers. It therefore strongly encourages applications from women with relevant qualifications. Applications from suitable persons with proven severe disabilities and persons of equal status are particularly welcome.

If you are interested in this position, please send your complete and informative application documents including motivation letter, CV, transcript of records and contact details of two references in digital form (as a single PDF) by email to pfried@uni-bonn.de. For further information, please contact Priv. Doz. Dr. Petra Friederichs (pfried@uni-bonn.de).