

The **Rheinische Friedrich-Wilhelms-Universität Bonn** is an international research university with a board 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 Meteorology department, Institute of Geosciences of the Faculty of Mathematics and Natural Sciences, is seeking in the field of atmosphere-ocean interaction, limited to 36 months (for doctoral studies) a

Research Associate (65%)

The project involves the investigation of gas (carbon dioxide – CO₂) exchange between the atmosphere and the oceans. The focus will be on coastal areas, which feature higher variability than the open ocean, and offer a significant source of uncertainties. During the project direct measurements of the gas exchange and oceanic turbulence will allow to gain understanding on the driving exchange processes.

Your tasks:

- Carry out original research work on the topic of ocean surface turbulence and its relation to air-sea gas exchange,
- Produce and defend a PhD thesis on the topic,
- Process and analyze observational meteorological and oceanographic data,
- Potentially participate in fieldwork in collaboration with partner universities both national and international,
- 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, oceanography, physics, or similar discipline,
- Interest in interdisciplinary and international research,
- Good written and spoken English,
- Technical knowledge of Python or Matlab.

We offer:

- A diverse and challenging work with one of the largest employers in the region,
- Development of an independent research portfolio,
- Occupational retirement scheme (VBL),
- Numerous offers for university sports
- very good transport links or the opportunity to purchase a VRS bulk customer ticket or use low-cost parking facilities,
- the opportunity to part-time work from home
- 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 in digital form by email to lesters@uni-bonn.de by 15.11.2022, stating the reference number 27.22.331. For further information, please contact Prof. Dr. Esters (Tel.: 0228 73-60694)