At the Institute of Geosciences, Meteorology Section, Faculty of Mathematics and Natural Sciences of the Rheinische Friedrich-Wilhelms-Universität Bonn a

W1 Junior Professorship (Tenure-Track W2) for Climate Dynamics

is to be filled at the earliest possible date. The future job holder should be a personality with internationally recognized contributions in climate and environmental research. A special focus of the teaching and research activities will be on atmospheric climate monitoring.

It is expected that the professorship will build up an internationally visible research team and actively participate in the conception and implementation of research projects in the field of interdisciplinary Earth system research with the Section Meteorology, the other sections of the Institute (Geophysics, Geochemistry/Petrology, Palaeontology and Geology), the GeoVerbund ABC/J as well as the other departments of the University of Bonn for monitoring the terrestrial Earth system. Contributions to the transdisciplinary research areas of the University of Bonn are expected focusing on the simulation and evaluation of complex models of the Earth system.

Teaching is an integral part of the professorship. Being able to instruct in German and English, the applicant should represent the full range of climate dynamics in the B.Sc. course "Meteorology and Geophysics" and M.Sc. course "Physics of Earth and Atmosphere" and contribute to the further development of the courses. An active participation in the academic self-administration is mandatory. Didactic skills are expected.

Junior professors are appointed for a period of three years; an extension for a further three years is possible if the interim evaluation is positive. Following a positive final evaluation decision by the responsible committees of the University of Bonn, they can then be appointed to a permanent W2 professorship.

This professorship is funded by the Tenure Track Program of the German Federal and State Governments. Awarding tenure is not subject to a vacancy at the time when the fixed-term contract of the tenure-track position expires. This call is aimed at early-career researchers. Candidates who have completed their doctorate at the University of Bonn must have changed universities or have been working in academic research outside of the University of Bonn for at least two years prior to applying. Formal requirements are defined by § 36 of the Higher Education Act of North Rhine Westphalia (Hochschulgesetz Nordrhein-Westfalen).

Regulations on tenure track at the University of Bonn and further information on tenure track professorates at the University of Bonn are available at https://www.unibonn.de/research/argelander-program/after-your-doctoral-studies/tenuretrack?set_language=en

The University of Bonn actively supports diversity and equal opportunities. The University of Bonn has been certified as a family-friendly university and offers a dual career programme. Its aim is to increase the proportion of women in those fields in which women are underrepresented and to place a special focus on promoting their careers. Therefore, the university specifically requests applications from suitably qualified women. Applications will be handled in accordance with the Equal Opportunities Act of North Rhine-Westphalia. Applications from suitably qualified people with severe disabilities that have already been verified or from people with an equivalent status will be particularly welcomed.

Applications with the usual documents (curriculum vitae, research profile and plan, teaching portfolio, list of publications, copies of university degrees and certificates) should be sent by October 31, 2020 to: Fachgruppe Erdwissenschaften der Math.-Nat. Fakultät der Universität Bonn, Meckenheimer Allee 176, D-53115 Bonn, Germany. Please also send a digital copy of all documents (as one PDF file) to erdwissenschaften@uni-bonn.de.
Evaluation criteria of a W1 professorship for climate dynamics with tenure track on W2

Scientific development potential in international comparison

- Own contributions to the further development of climate research, particularly innovative approaches in the field of climate and environmental monitoring
- Active participation in publications in peer-reviewed scientific journals
- Active participation in international conferences and own lectures at scientific institutions
- Successful acquisition of third-party funds

Achievements in academic teaching

- Supervision of Bachelor and Master theses

Participation in academic self-administration

- Active participation in internal university commissions or committees