

With its 4,300 employees and 32,500 students, the University of Graz provides an exciting and varied work environment. Given our expertise in research and teaching, we are a central institution in Styria.

The university of Graz is looking for a PhD student in

**Physics or Environmental Systems Sciences/Natural Sciences-Technology in  
the interdisciplinary Doktoratskolleg “Climate Change – Uncertainties,  
Thresholds and Coping Strategies”**

(30 hours a week; fixed-term employment for the period of three years; position to be filled as of now )

The Doktoratskolleg Climate Change (DK, mainly funded by the Austrian Science Foundation) is an interdisciplinary PhD programme and provides independent and cooperative research.

Research is undertaken in theories of justice and ethics, environmental law and economics of climate change as well in the field of physical climate science, meteorology and hydrology, system and sustainability sciences. Research undertaken within the DK aims to contribute to and answer the overarching research questions of the DK Climate Change: What are scientifically sound, efficient and ethically defensible strategies for a transition towards a low-carbon and climate-robust economy and society and how can the necessary qualitative transformation be politically and legally implemented and legitimated? How should we deal with uncertainties and risks related to hydro-meteorological changes, in particular extreme events, and their associated consequences?

More information on the DK and the DK faculty members is available at <https://dk-climate-change.uni-graz.at/en/>. Information on the proposed PhD thesis topic is available at: <https://dk-climate-change.uni-graz.at/en/applications/>. The supervisor Assoc. Prof. Dr. Ulrich Foelsche proposes a dissertation on the topic "Atmospheric rivers as moisture sources for extreme precipitation events". The PhD position falls within the 2nd phase of the DK.

The stimulating diversity of research areas covered by the faculty of the DK provides an outstanding interdisciplinary environment where students of different disciplines may find exciting research topics and excellent guidance for their doctoral studies. The DK offers disciplinary training as well as interdisciplinary seminars and colloquia, summer schools and workshops. The PhD programme aims at training a selected group of outstanding PhD students for a professional career in universities, public and private research organizations, international institutions, consultancy and business, and public administration.

For the DK the University of Graz is offering a fully-funded PhD student position in physics or environmental sciences/natural sciences-technology, with the contract starting in autumn 2018 for three years (extendable by half a year in exceptional cases). The position comes with social insurance. In addition, the DK provides funds for conference participation, and research stays abroad.

**Your duties**

- Pursuing a PhD project within the Doktoratskollegs "Climate Change – Uncertainties, Thresholds and Coping Strategies"
- Participating in the training programme of the Doktoratskolleg

**Your profile**

- Master's degree (or equivalent) in Meteorology, Physics or Environmental Systems Sciences/Natural Sciences-Technology or Master's degree that qualifies to pursue a doctorate in Physics or Environmental Systems Sciences/Natural Sciences-Technology
- Good programming skills in Linux/Unix environments
- Very good command of English (level C1)
- Personal and social skills in working in interdisciplinary teams

The application has to contain the following documents in one pdf:

1. A motivation letter
2. An abstract in English of the master thesis including a web-link or a pdf copy of the thesis,

3. A Curriculum Vitae including information on possible previous work experience and publications and a transcript of records,
4. Evidence of English language skills at level C1 or higher (e.g., suitable IELTS, TOEFL, or Cambridge certificate and/or brief justification letter summarizing the experience)
5. Two letters of recommendation

The selection procedure will commence immediately after the application deadline. All communication, including interviews, will be conducted in English.

For further information, please contact Prof. Ulrich Foelsche: [ulrich.foelsche@uni-graz.at](mailto:ulrich.foelsche@uni-graz.at)

Information for international students about admission to doctoral studies, dates and deadlines is available at:

<https://studienabteilung.uni-graz.at/en/international-students/admission-guide/> and

<https://welcome.uni-graz.at/en/studying/doctoral-programmes/admission-process/>

### **Classification**

Salary scheme of the Universitäten-KV (University Collective Agreement): B1

### **Minimum salary**

The minimum salary as stated in the collective agreement and according to the classification scheme is EUR 2096.00 gross/month. This minimum salary may be higher due to previous employment periods eligible for inclusion and other earnings and remunerations.

We offer you a job with a lot of responsibility and variety. You can expect an enjoyable work climate, flexible work hours and numerous possibilities for further education and personal development. Take advantage of the chance to enter into a challenging work environment full of team spirit and enthusiasm for your job.

Application Deadline: **October 10<sup>th</sup> 2018**

Reference Number: **MB/155/99 ex 2017/18**

The University of Graz strives to increase the proportion of women in particular in management and faculty positions and therefore encourages qualified women to apply.

Especially with regard to academic staff, we welcome applications from persons with disabilities who meet the requirements of the advertised position.

If you are interested, please submit your application documents within the stated deadline. Make sure to indicate the reference number on your application and please send your CV and photo to:

[bewerbung@uni-graz.at](mailto:bewerbung@uni-graz.at)