



UNIVERSITY
OF COLOGNE

Faculty of Mathematics and Natural Sciences



Researcher position (f/m/x) on the forthcoming international Master's programme in Climate Science

IDEA-S4S | Italia-Deutschland science-4-services network in weather and climate

We are one of the largest and oldest universities in Europe and one of the most important employers in our region. Our broad range of subjects, the dynamic development of our main research areas and our central location in Cologne make us attractive for students and researchers from around the world. We offer a wide range of career opportunities in science, technology, and administration.

As part of the IDEA-S4S cooperation between Germany and Italy in the field of meteorology and climatology, an international, research-oriented Master's degree program in 'Climate Sciences' is to be created. On the German side, the University of Cologne and the University of Bonn are involved, whereby the advertised position is located at the University of Cologne only. The University of Bologna is involved on the Italian side.

YOUR TASKS

- » Development of research-oriented teaching formats addressing emerging topics in climate science, particularly those associated with the rapidly developing field of machine learning. Potential research areas are, for example, boundary layer meteorology, cloud physics, hydrology, palaeoclimate, Earth Observation or Earth system modelling across scales
- » Implementation of joint (block) courses with Italian partners, possibly associated with field campaigns and/or summer schools (teaching commitment 4 SWS)
- » Contributions to the (to be established) Master program "Climate Science"
- » Independent research in one of the fields mentioned above
- » Intensification of ERASMUS and exchange activities with the Italian partners, starting with first joint teaching activities
- » Design and support of joint Bachelor's and Master's theses between Italy and Germany

YOUR PROFILE

- » Completed university degree in the field of earth system sciences, meteorology, physics, computer science, machine learning or comparable; doctorate desired
- » Interest in helping to shape the international education of the next generation of students in the field of climate sciences
- » Experience in academic teaching in a field relevant to Climate Sciences
- » Proactive, structured and reliable way of working
- » Strong communication skills, very good written and oral communication skills in German and English

- » Flexible and team-oriented

WE OFFER

- » Working in an internationally well-established working group
- » A diverse working environment with equal opportunities
- » Support in balancing work and family life
- » Extensive advanced training opportunities
- » Occupational health management offers
- » Flexible working time models
- » Opportunity to work remotely

The University of Cologne promotes equal opportunities and diversity. Women will be considered preferentially in accordance with the Equal Opportunities Act of North Rhine-Westphalia (Landesgleichstellungsgesetz – LGG NRW). We also expressly welcome applications from all suitable candidates regardless of their gender, nationality, ethnic and social origin, religion, disability, age, sexual orientation and identity.

The position is available as soon as possible on a full-time basis (39,83 hours per week). The position is to be filled for a fixed term until 30.09.2030. If the applicant meets the relevant wage requirements and personal qualifications, the salary will be based on remuneration group 13 TV-L of the pay scale for the German public sector.

Please apply online with proof of the required qualifications without photo under: <https://jobportal.uni-koeln.de>.

The reference number is Wiss2507-05. The application deadline is 10.08.2025.

For further inquiries, please contact Professor Dr Susanne Crewell (susanne.crewell@uni-koeln.de) or Professor Dr Jürgen Kusche (kusche@uni-bonn.de) and take a look at our [FAQs](#).



HR EXCELLENCE IN RESEARCH