

The **Centre for Climate Resilience (CCR)** at the University of Augsburg is seeking to fill the following positions by the **1st of November 2024** as part of the "Green Research Network BRaVE":

12 Research Assistants / Doctoral Candidates

The positions are **part-time (50 %)** and **run for a fixed period of three years**. If the prerequisites are met, the salary will be according to the TV-L 13 pay grade. The positions are funded by the University of Augsburg's "**Green Transformation**" programme and will be coordinated by the research units listed below.

The **CCR** was founded in 2020 to coordinate and unite all the resources and activities on climate resilience research, knowledge and action at the University of Augsburg. Based on interdisciplinary research, the CCR aims to develop holistic and feasible strategies for adapting to climate change. Alongside the CCR, other researchers from the University of Augsburg, particularly researchers at the Environmental Science Center (**WZU**) and the Centre for Interdisciplinary Health Research (**CIHR**), are involved as tandem partners in supervising BRaVE doctoral candidates.

The aim of the '**Green Research Network BRaVE: Identification of Vulnerabilities, Indicators, and Implications for Actions**' is to develop interdisciplinary methods that will have a significant impact on society. These methods will identify climate-related vulnerabilities and derive quantitative or qualitative indicators for the early identification of risks. They will be used to develop sustainable solutions to mitigate these risks. The vulnerabilities addressed cover the range of disciplines represented at the CCR, in particular geoscientific, (resource) economic, logistical, medical, social, political and legal risks.

The **research topics** associated with the individual positions are as follows:

1. WaterRes: Development of indicators for the resilience of the water supply and quantification through earth system models (**Prof. Dr. Harald Kunstmann**)
2. Stabilising natural and managed land systems against climate disturbances and extreme events – DETECT (**Prof. Dr. Katharina Waha**)
3. Building resilience in critical zones: Steep-slope agriculture under changing environmental conditions in the Rwenzori, Uganda – ResCUE (**Prof. Dr. Markus Keck**)
4. Raw material demands for a climate resilient future (**Dr. Andrea Thorenz**)
5. Risks of the green transformation with respect to forest and climate protection – a qualitative study of transnational negotiations of the CO2 market in the Amazonian basin (**Prof. Dr. Maria Backhouse**)
6. Planned relocation and early warning in the Caribbean: Discourses and practices of "vulnerability" from the perspective of a Decolonial Political Ecology (**Prof. Dr. Angela Oels**)
7. Operationalizing early warning systems for decision support in water management (**Prof. Dr. Florian Diekert**)
8. Resilient logistics and inventory management in the face of climate change (**Prof. Dr. Manuel Ostermeier**)
9. Can biodiversity metrics serve as useful early warning indicators of financial and economic risks? Implications for corporate ecological and financial resilience (**Prof. Dr. Sebastian Utz**)
10. "Climate check" for all draft legislation – methods of a climate-related regulatory impact assessment. (**Prof. Dr. Sina Fontana**)
11. Optimization and validation of an innovative early warning system for pollen, air pollutants, and complex environmental factors to enhance climate resilience for allergy sufferers (**Prof. Dr. Claudia Traidl-Hoffmann**)
12. STOP-MBDs: Short-term operational projections for mosquito-borne disease control (**Prof. Dr. Elke Hertig**)

Applications should only refer to **one** of the research topics.

Your profile:

- Above-average university degree in a discipline that qualifies you for one of the research topics or an equivalent qualification.
- Specific research interest in at least one of the research topics.
- High-level commitment with the aim of being able to undertake independent academic research in an interdisciplinary environment.
- Ability and willingness to integrate into a working group and the research network.

Further information about BRaVE, the research topics and possible job requirements specific to the sub-projects can be found on the following website:

www.uni-augsburg.de/ccr/grn

Evidence of the required qualifications (for example university certificates) must be provided with the application documents.

The University of Augsburg is committed to promoting professional equality for women and expressly encourages women to apply. It is particularly committed to ensuring the compatibility of family and working life. For more information, please get in touch with the faculty's Officer for Equal Opportunities.

Applicants with a disability will be given preference in the case of equal suitability, qualifications, and professional experience.

Please submit your application with the relevant supporting documentation (letter of motivation, CV, certificates) in **one PDF file** (File name: reference number of prioritized research topic_Surname_Name.pdf) by the deadline below:

1st September 2024

Please send your application to the Managing Director of the CCR, Dr. Clemens Heuson: clemens.heuson@uni-a.de. He is also available to answer any questions by e-mail or telephone: +49 (0) 821/598-4800.

Please note that only the German version of the job advertisement is legally binding, which can be found on the website: <https://www.uni-augsburg.de/de/jobs-und-karriere/stellenangebote>. This English translation of the job advertisement is provided to help you understand the original German one.