

Research Associates in Human and Earth System Coupled Research

In the framework of the Profile Building 2022 of the Ministry for Culture and Science of the State of North Rhine-Westphalia (Profilbildung 2022 des Ministeriums für Kultur und Wissenschaft des Landes Nordrhein-Westfalen), Germany, a new project on “Cultural Evolution in Changing Climate: Human and Earth System Coupled Research (HESCOR)” will be established at the University of Cologne. HESCOR aims to develop a new science field of Human and Earth system coupled research through a cross-faculty multi-disciplinary structure and to investigate how the constellation of and interaction between the Human and Earth systems influenced human cultural evolution during the main phases of human expansion. We now invite applications for postdoctoral research associate positions in the areas of Earth system modelling, Human system modelling, applied numerical mathematics, scientific computing and/or machine learning, environmental humanities, archeology and paleoclimate and environment. The researcher associates are expected to interact with the principal investigators and build a cross-disciplinary cohesive research team. The positions include

1. Research Associate in Human and Earth System Couple Research
2. Research Associate in Human System Modelling
3. Research Associate in Earth System Modelling
4. Research Associate in Numerical Mathematics
5. Research Associate in Scientific Computing
6. Research Associate in Modelling of Paleoclimate and Cultural Evolution

The job description, duty statement and qualification requirements for each of these positions can be found at the website:

<https://imfess.uni-koeln.de/hescor/positions> and

<https://ufg.phil-fak.uni-koeln.de/hescor>

We provide a collaborative and friendly environment for cutting edge research and ensure measures are in place to promote early-career researchers.

The positions are available on a full-time basis (39,83 hours per week), starting from 1 November 2023. The employment is on a fixed-term basis for 3 years. 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. Qualified candidates with a PhD degree in relevant subject areas are encouraged to apply. Applications must include the following compulsory documents:

1. Cover letter, including a statement on research interests, expertise and experiences;
2. Curriculum Vitae, including a publication list (highlight the most relevant publication if applicable);
3. Certificates for PhD and MSc (or equivalent).

In your cover letter, please clearly state which position you are applying for, and name two persons (including email) who can provide recommendation for your application. **Please submit your application until 15.10.2023 via Jobportal of the University of Cologne at <https://jobportal.uni-koeln.de>. The reference number ist Wiss2309-10.**

The University of Cologne is committed to equal opportunities and diversity. Women are especially encouraged to apply and will be considered preferentially in accordance with the Gender Equality Act of the State of North Rhine-Westphalia (LGG NRW). We also expressly welcome people with disabilities/special needs or of equal status. For general information, please contact Prof. Yaping Shao (yshao@uni-koeln.de) or Jr.-Prof. Andreas Maier (a.maier@uni-koeln.de), for requests specific to the individual positions, please contact the responsible PIs listed in the position description, and for application procedural matters, please contact Dipl. Claudia Veltman (info-mesh@uni-koeln.de).