



University of Hamburg Postdoc Position Vacancy

The University of Hamburg jointly with the Max Planck Institute for Meteorology and the Institute for Coastal Research at the GKSS Research Centre is establishing a trans-disciplinary research focus on "Integrated Climate System Analysis and Prediction (CliSAP)". The goal is to analyze ongoing and past changes of the state of the climate system, in response to natural and human-driven perturbations, to determine predictable elements of the climate system over a broad range of space and time scales, and to determine uncertainties intrinsic to predictions of important climate system and environmental indices (see www.clisap.de).

The Cluster of Excellence (CliSAP) invites applicants for the following sub-project:

HAMBURG 2K

**Climate Scenarios for the Hamburg region under a global 2-degree warming
Task: Regional climate modelling of future climate scenarios**

For this project the university has an open position for a

post-doc research associate

(wissenschaftliche/r Mitarbeiter/in in einem post-doc-Arbeitsverhältnis)

- salary group 14TV-L, available immediately

The position calls for 39 hours per week. The fixed-term contract will end after a period of 2 years ; see also § 2 of the Academic Fixed-Term Contract Law (Wissenschaftszeitvertragsgesetz).

The university intends to increase the number of women amongst its academic personnel and expressly encourages qualified women to apply. In compliance with the Hamburg Equal Opportunity Law, preference will be given to qualified female applicants.

Responsibilities:

Perform and analyze simulations with region models REMO and CLM at high resolutions of up to 10 km and 2 km, respectively. Publication of scientific results in a peer-reviewed journal and the communication of results to project partners.

Requirements:

- Academic degree in Meteorology, Geography, Geosciences or related fields; plus doctoral degree.
- Very good programming skills (FORTRAN, Unix shell scripts, visualization)
- Ability to conduct independent research in the field of (regional) climate modeling.
- A profound knowledge in atmospheric processes governing the climate system.
- Comprehensive experience in using climate models and performing climate data analysis.
- Good communication skills.
- Good knowledge of the English language (skills in German are welcome)

Application dossiers (application letter, curriculum vitae, degree certificate(s), etc.) are to be submitted to:

**Universität Hamburg
KlimaCampus
CliSAP Office
Code/Reference number 10-1_2K_Jacob
Grindelberg 5
20144 Hamburg**

or to

office.clisap@zmaw.de

The deadline for receipt of applications Aug, 05th 2010. For additional information please contact

Prof. Dr. Daniela Jacob (Daniela.jacob@zmaw.de) or see our website at <http://www.mpimet.mpg.de>

Preference will be given to disabled applicants with equal qualifications.