



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 analyse 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 <http://www.clisap.de/>).

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

Hamburg 2K

Urban Climate scenarios for Hamburg under a two-degree global warming.

For this project the university has an open position for a

postdoc research associate

(wissenschaftliche/r Mitarbeiter/in in einem Postdoc-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:

Within the project 'Hamburg 2K', the local development of the urban climate of Hamburg is investigated under the premise of a global average temperature increase of 2K. For this study, the mesoscale meteorology model METRAS will be used with a statistic-dynamical downscaling approach. The current land use as well as urban development scenarios will be used to evaluate globally impressed changes versus local changes of the urban climate.

The successful applicant will be responsible for setting up, performing and analysing model simulations for the area of Hamburg, and for the identification of meteorological situations relevant for urban climate parameters using statistical techniques.

Requirements:

University degree in a relevant subject area (meteorology, physics, mathematics). A PhD degree would be beneficial. Profound experience in the area of numerical modelling of the atmosphere. Experience in Fortran programming on high performance computing systems. Ability to perform independent research.

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/Grawe
Grindelberg 5
20144 Hamburg
Germany**

or to

office.clisap@zmaw.de

The deadline for receipt of applications is Aug, 05th 2010 For additional information please contact David Grawe (david.grawe@zmaw.de) or our website at <http://www.mi.uni-hamburg.de/memi>

Preference will be given to disabled applicants with equal qualifications.

