



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 region Hamburg under a global 2-degree warming.
Task: Hydrodynamical 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:

Preparation of forcing data, adaptation of the circulation model HAMSOM, simulation of time slice experiments, realization of sensitivity studies, analysis of simulation results with respect to climate variability, processing of model results for usage in Elbe model TRIM.

Requirements:

PhD degree in oceanography or a related subject would be beneficial. Candidates should have a strong background in physics, physical oceanography or meteorology and experience in numerical modelling. Knowledge in the computer language FORTRAN is required. Experience with the circulation model HAMSOM would be of great advantage.

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_Pohlmann
Grindelberg 5
20144 Hamburg**

or to

office.clisap@zmaw.de

The deadline for receipt of applications is Aug, 05th 2010. For additional information please contact Dr. Thomas Pohlmann (pohlmann@ifm.uni-hamburg) or see our website at www.ifm.zmaw.de.

Preference will be given to disabled applicants with equal qualifications.