



The Max Planck Institute for Meteorology (MPI-M) conducts fundamental research focusing on climate related problems. The institute closely cooperates with the University of Hamburg, the German Climate Computing Centre (DKRZ) and the GKSS Research Centre within the Cluster of Excellence "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.

Within the MPI-M department "The Land in the Earth System" we are seeking for a

Scientist / Postdoc (m/f)

in the area of **remote sensing of global land surface fluxes**.

The research groups within the MPI-M department "The Land in the Earth System" have a longstanding and world class tradition of active and passive remote sensing research. A variety of satellite retrieval techniques have been developed for different spaceborne sensors.

The successful applicant will work in an international research environment within the research group for Global Scale Remote Sensing. He/she will actively develop new, innovative techniques for the retrieval of quantitative geophysical parameters from multisensoral satellite data and is expected to make a significant contribution for the development of a new high quality climatology of energy and matter fluxes over land.

The incumbent is expected to have a Ph.D. in meteorology, geosciences, physics or related areas. The applicant must have a thorough proven knowledge of applied remote sensing as well as experience with its practical applications over land. Experiences in microwave as well as thermal infrared remote sensing techniques are expected. A background in the numerical modelling of land surface fluxes and/or data fusion and data assimilation techniques are an asset. For more information please contact: alexander.loew@zmaw.de

The position is offered for up to the duration of CliSAP (expected CliSAP end date: 31 October 2012), starting a.s.a.p. Payment will be in accordance with German public service positions (TVöeD E13/14), including extensive social security plans. The conditions of employment, including upgrades and duration, follow the rules of the Max Planck Society for the Advancement of Sciences and those of the German civil service.

The Max Planck Institute for Meteorology seeks to increase the number of female scientist and encourages them to apply. Handicapped persons with comparable qualifications receive preferential status.

If you are interested in that position, please directly contact the head of the remote sensing group Dr. Alexander Loew (alexander.loew@zmaw.de) to make an appointment for an interview during EGU.

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