



The Max Planck Institute for Meteorology (MPI-M), a multidisciplinary center for climate and Earth system research located in Hamburg, Germany, invites applications for a

Scientific Programmer (m/f – Ref. 2013-03).

The newly founded Emmy Noether independent junior research group “Forest management in the Earth system”, funded by the German Science Foundation (DFG), will carry out fundamental research with the objective to improve our understanding of the human impact on climate via land use. Specifically, this group will investigate the role of forest management for past and future climate, including its potential to mitigate climate change. Research will involve the development of a forest management module in the Earth system model of the MPI-M (MPI-ESM) to simulate the two-way interaction of forest management and Earth system dynamics.

We seek a scientific programmer for the development, implementation, and support of the forest management module, to coordinate with other programmers the integration into the MPI-ESM, and to collaborate closely with other group members on designing and performing ESM experiments.

Applicants should have

- a masters degree or PhD in Meteorology, Physics, Mathematics, Computer Science, Geosciences or related fields
- excellent programming skills, preferably Fortran, in a Linux/Unix environment and experience with high-performance computing systems
- experience with handling large datasets
- excellent communication skills in English

The position is offered for three years starting June 2013 or soon thereafter. Payment will be in accordance with a civil service position (TVöD E13), including extensive social security plans. Conditions of employment follow the rules of the Max Planck Society for the Advancement of Sciences, and those of the German civil service.

For further information, please contact Julia Pongratz ([julia.pongratz\(at\)zmaw.de](mailto:julia.pongratz@zmaw.de)).

The Max Planck Institute for Meteorology seeks to increase the number of female scientists and encourages them to apply. Handicapped persons with comparable qualifications receive preferential status. All applications (including a cover letter, a curriculum vitae, copies of scientific degrees, and the names and contact information of two references), received by February 28, 2013 will receive full consideration. The position will remain open until filled.

Please send your application, preferably by e-mail to [jobs\(at\)vw.mpimet.mpg.de](mailto:jobs(at)vw.mpimet.mpg.de) (one PDF-attachment with max. 5MB only including all documents) or by post to:

Max Planck Institute for Meteorology
Administration (Ref. 2013-03)
Bundesstrasse 53
D-20146 Hamburg, Germany

