PhD position on marine cloud brightening - Germany

The Institute for Meteorology, Universitat Leipzig, has a vacancy for a PhD position (m/f) within the "Learning about cloud brightening under risk and uncertainty: Whether, when and how to do field experiments (LEAC)" project. This project is a joint interdisciplinary project with the Department of Economics, Christian-Albrechts-Universität zu Kiel (Prof. Martin Quaas) and is expected to be funded by the German Research Foundation (Deutsche Forschungsgemeinschaft, DFG) within its Priority Programme "Climate Engineering: Risks, Challenges, Opportunities?" (SPP 1689). The PhD project aims at evaluating how much could be learned about the effectiveness of geoengineering by marine cloud brightening by conducting an experiment, and how the scientific value of an experiment increases by increasing its spatiotemporal scale.

Requirements
- A Diploma or Master's degree in Meteorology, Atmospheric Sciences or related field
- Programming skills (Linux shell scripts, Fortran, data processing and visualisation tools such as the NCAR command language)
- Prior experience with cloud-, aerosol- and/or radiation physics and/or experience with satellite data analysis and/or climate modelling
- Good knowledge of the English language (German skills are welcomed)

The position is offered for up to three years, starting in May 2013 or soon thereafter. Payment is according to a part-time civil service position (75% TVL E13).

Applications should include a detailed CV and the names and e-mail addresses of two references. They should be received by 19 April 2013.

Universität Leipzig seeks to increase the number of female scientists and encourages them to apply. Handicapped persons with comparable qualifications receive preferential status.

Please submit your application or any inquiries to Prof. Johannes Quaas Institute for Meteorology University of Leipzig Stephanstr. 3, 04103 Leipzig phone +49 341 97 32852 e-mail johannes.quaas@uni-leipzig.de [1]

www.uni-leipzig.de/~quaas [2]

Priority Programme:


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