

Bjerknes Centre for Climate Research 10.01.2008 - <http://pages.asp?kat=6&id=1525>

## Postdoctoral position in land carbon cycle modelling

A postdoctoral position in land carbon cycle modelling is available at the Bjerknes Centre for Climate Research (BCCR) from finding a suitable candidate until the end of year 2009.

The candidate will work with a land vegetation carbon cycle module in the framework of the Bergen Climate Model (BCM) and contribute to interactive carbon-cycle climate future scenarios. The goal of the work is a quantification of carbon cycle climate feedbacks and an assessment of the uncertainties in respective predictions. The research activities are part of EU Integrated Project CARBOOCEAN (<http://www.carboocean.org>), which is coordinated by the University of Bergen.

The potential candidate must have a Ph.D. in meteorology, geo-ecology, oceanography, physics, mathematics, biology or related disciplines. Interdisciplinary knowledge of the earth system including carbon cycle biogeochemistry, land surface processes, climate dynamics and numerical mathematics are expected. Ideally the candidate has experience with coupled Earth system models and the LPJ (v1.2) dynamical vegetation model and would be interested in the topics: (a) linking the terrestrial carbon and water cycles, and (b) improving soil carbon parameterisations, including permafrost/peat/wetland implementations. Experience in the programming language FORTRAN and the operating system UNIX must be available. The successful candidate will work in a lively interdisciplinary scientific environment and should have good team working skills.

The salary for a postdoctoral researcher (code 8150) will be NOK 409.100,- per annum (approx. 51.000,- Euro). Unifob AS has employee pension and insurance agreement.

Further information about the position can be obtained from prof. Christoph Heinze, Geophysical Institute, e-post: [heinze@gfi.uib.no](mailto:heinze@gfi.uib.no), informal enquiries by phone are welcome on +47 55 58 98 44.

The successful applicant must comply with the guidelines that apply to the position at any time.

Applications must be submitted in 3 copies, each with a complete overview over education and previous practice (CV), list of publications, certified copies of certificates and diplomas, as well as names and addresses of 2 scientific references. Applications should be forwarded to the Bjerknes Centre for Climate Research, University of Bergen,

## The Bjerknes Centre for Climate Research;

<http://www.bjerknes.uib.no/>) is a joint climate research venture between the University of Bergen (UiB), the Institute of Marine Research (IMR) and the Nansen Environmental and Remote Sensing Center (NERSC).

The BCCR integrates observationalists and modellers in a concerted interdisciplinary research effort. The BCCR comprises the largest climate research group in Norway and has the status of a national Center of Excellence. The BCCR's Secretariat is a unit of Unifob AS (<http://www.unifob.uib.no/>).

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Allégt. 55, NO-5007 Bergen, Norway, by 11  
February 2008. Do not submit applications by  
e-mail.

The application should be marked: "08/351".

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