



LUNDS UNIVERSITET

Naturvetenskapliga fakulteten

POSITION VACANT

2009-08-24

Diariennr PA 2009/2734

Lunds university announces a vacant position for a

Postdoctoral Researcher (full-time) on Ecosystem Modelling

Fixed-period appointment för the period 1 October 2009 to 30 September 2011 (2 years) at the Department of Physical Geography and Ecosystems Analysis, Geobiosphere Science Centre, Faculty of Science.

The Department of Physical Geography and Ecosystems Analysis, which forms part of the Geobiosphere Science Centre (CGB), has approximately 70 employees, including some 20 Ph.D. students. Research activities within the department are organised among research groups in the areas of remote sensing and GIS, ecosystem biogeophysics and biogeochemistry, climatology, ecosystem modelling och geomorphology. Ecosystem and vegetation dynamic processes are studied at local, landscape, regional and global scales with a broad suite of methods including laboratory and field experiments, and numerical modelling. Further information is available at the following websites: www.nateko.lu.se: www.cgb.lu.se.

Reference Number: 2734

Final date for applications: 14 September 2009

Starting date: as soon as possible

Queries may be directed to Associate Professor Ben Smith, tel +46-46-222 4354, **e-mail:** ben.smith@nateko.lu.se

Workers' unions at Lund university: OFR, SACO, SEKO

Work description:

The employee will participate within externally-funded research projects at the ecosystem modelling group EMBERS (www.nateko.lu.se/embers). Tasks will include the development, validation and application of a global dynamic vegetation model under observed and simulated climate conditions (scenarios) in order to characterise paleohistorical and potential future changes in biodiversity, ecosystem services and vegetation-driven feedback processes within the climate system.

Qualifications:

Required qualifications are a Ph.D. degree or equivalent in Geobiosphere Science, Physical Geography, Ecology or another relevant discipline, an aptitude and interest in the application of computing to scientific problems, and competent English language skills. Prior experience in the the development of environmental computer models and/or the analysis of large numerical data sets is an advantage. Knowledge of C/C++ or another similar programming language is an advantage.

Salary:

Salary will be set depending on qualifications and experience. A requested salary level may be specified in the application.

Lund University is an equal opportunity employer. The university strives for an even gender balance for this type of position.

Applications should be signed and include a CV, certified copies of degree certificates, academic transcripts and other relevant supporting materials, such as article offprints. The reference number 2734 must be clearly shown. Applications should reach the Lund University Registrar by post, e-mail or fax **no later than Monday 14 September 2009**. Address details are shown below. *Applications sent in by e-mail or fax must be promptly followed by a full paper copy sent by ordinary post.*

Postal address for applications:

E-mail address for application copies:

registrator@lu.se

Registrator

Lunds universitet

Box 117

221 00 Lund

SWEDEN

Fax number for applications:

+46 46 222 4232

According to Swedish law, application documents shall be returned on request by the applicant no earlier than two years after an appointment is made. Scientific publications included with the application will be returned promptly after the appointment is made on the condition that a list of all publications, including the ISBN or ISSN number, is included with the application.