



**LUNDS**  
UNIVERSITET

VACANCY

2009-02-04

Reference Number  
PA2009/80

*Department of studies in environmental science*  
*Adm. Åsa-Katrin Persson*

Lund University announces the following vacancy:

## **POSTGRADUATE SCHOLARSHIP IN ENVIRONMENTAL SCIENCE**

### **“Impacts of climate and land use change on biodiversity in Sweden”**

with placement at the Department of Physical Geography and Ecosystems Analysis,  
Faculty of Science.

**Reference Number:** 2009/80

**Starting date:** As soon as possible

**Information:** Thomas Hickler, tel 046-222 3132

e-mail: ([Thomas.Hickler@nateko.lu.se](mailto:Thomas.Hickler@nateko.lu.se)),

**Worker's unions at Lund University:** OFR, SACO och SEKO

### **Project description:**

The project aims at assessing global change impacts on biodiversity in Sweden. Assessing direct impacts of climate change will to a large extent be based upon quantitative natural science-based methods, such as relating projected changes in climate and habitat characteristics to protected areas and projecting potential changes in species distributions. For exploring potential impacts of land use change, it is planned to develop a number of semi-quantitative possible future scenarios (story lines), interacting closely with decision makers and stakeholders. The research should embrace existing close interactions between climate and land use change, such as agricultural and forestry intensification in order to increase bioenergy production. Ecosystem modelling techniques may be applied for projecting long-term sustainable forest yields.

### **Qualifications:**

The candidate should hold a master's degree or equivalent in Biology, Ecology, Geography, Environmental Science, Forestry or a related discipline. Documented experience in nature conservation, GIS, computer programming, statistics using the software R and basic knowledge of the Swedish language are an advantage.

**Additional information:**

Regulations concerning appointment as a full doctoral student can be found in HF 5 Chap 1-7§§ and SFS 1998:80. Also consult the admission regulations found at:

<http://www.science.lu.se/o.o.i.s/4964>

An educational stipend is awarded for the first 18 months of full-time study, following which time the student is appointed as a full doctoral student. Regulations concerning educational stipends for doctoral students can be found in SFS 1995:938 and 1998:81. Regulations concerning appointment as a full doctoral student can be found in HF 5 Chap 1-7§§ and SFS 1998:80.

Those who hold an educational stipend or a doctoral student appointment must first be accepted for postgraduate study. To be accepted, a student must be judged to have the competence necessary to complete a course of postgraduate study.

In addition to pursuing postgraduate studies, the doctoral student may also perform other duties - including research, teaching and administration – according to the specific regulations.

The university strives for a more even gender representation within postgraduate education. Since most postgraduate students within the faculty are men, applications from women are encouraged.

**Applications** are made on a specific application form found on the web site:

<http://www.science.lu.se/o.o.i.s/13456>

The application must reach the Registrar, Kansli N, Lund University, Box 118, SE-221 00 Lund, Sweden, not later than Wednesday 2009-02-25. All submitted documents must be attested as to their authenticity.

On official business

Åsa-Katrin Persson  
Administrator