



UNIVERSITY OF GOTHENBURG

AVAILABLE POSITION

22th of April 2010 Ref nr E 36 2088/10

University of Gothenburg, Faculty of Science announces:

Postdoctoral position in ‘Effects of Climate Related Mitigations and Adaptations on Sustainable Forest Management in the Tropics’

at the Department of Plant and Environmental Sciences

We are looking for a highly motivated and qualified post-doc to the multidisciplinary project: “*Climate Assessed Sustainable Forest Management*”. Forests are globally likely to be exposed to large changes during the coming decades because of ;

- 1) an increasing demand for forest goods (e.g. fibers, fuel wood) and ecosystem services (e.g. carbon sequestration, soil and water conservation),
- 2) changes in forest cover, species composition and productivity as an effect of climate change (CO₂, temperature, precipitation) and pollution (e.g. nitrogen, ozone) and,
- 3) land use changes driven by an increasing demand for food, cash crops and bioenergy crops.

One of the responses of the international community (e.g. in the UN Climate Convention) to these changes is the initiation of large-scale programs and mechanisms aiming at reforestation, afforestation and avoidance of deforestation and degradation of forests. If such forest projects are not thoroughly assessed and carefully managed, there is a risk that many natural resource and socioeconomic values will be threatened and that the project objectives are not reached. Using the sustainable forest management (SFM) concept in the implementation of these projects will help to avoid the most negative effects. However, there is a need to;

- 1) analyse how actions that are likely to be implemented in the forest sector to mitigate and adapt to climate changes will interact with the SFM concept,
- 2) develop the SFM concept and the methodology for assessing and developing management plans for projects aiming at carbon sequestration on local and regional levels in developing countries.

The aim for the postdoc project is to produce a critical state of the art review of this field and to prepare for case studies in developing countries. The work will be conducted within the ‘Forest, Climate and Livelihood Research Network’ (www.focali.se) and the strategic research program ‘Biodiversity and Ecosystem services in a Changing Climate, BECC’. The work will be multidisciplinary and undertaken in collaboration with researchers from University of Gothenburg, the Swedish Agricultural University and Lund University.

The position is fulltime for 12 months, but may be extended provided further funding is received. Starting date is as soon as possible. The affiliation will be at the Department of Plant and Environmental Sciences, University of Gothenburg, but some of the work may be carried out at other departments during periods of one to several weeks.

Qualifications :

The person that we are looking for should have a PhD in natural science with emphasis in forest science, natural resources or related fields. Preferably, the PhD graduation should not be older than three years at the last date of application. Scientific skills will be important for the selection of candidates. The applicant should have experience of working both independently and in group compiling and analyzing literature data. Good skills in speaking, writing and reading English are a requirement. The applicant should have good knowledge about soil and ecosystem processes. It is an advantage to have experience of applying natural resource perspectives on forest management. It is also an advantage if the applicant has experience of working with climate related forest issues in developing countries, writing review papers and conducting meta-analysis as well as working in multidisciplinary environments. Preferably, the applicant should be able to start the project as soon as possible.

Information about the position is available from the project leader and the head of department Göran Wallin, tel 031-786 2620, E-mail goran.wallin@dpes.gu.se.

The application

The application should include a personal letter stating why you are applying, a full CV, list of publications, PhD thesis, copies of graduation certificates and courses that have been finished, copy of passport, two personal references that know about your skills and other relevant merits that you want to refer to.

The full application should preferably be sent as **one** PDF-file in which you have merged all documents, attached to an e-mail to registrator@gu.se. The file name of the PDF and the e-mail subject should first include the ref. no (excluding the slash and space) followed by your full name.

The application must be received **no later than 20 May 2010**
Mark the application with **ref.no. E 36 2088/10**

The application should be sent to:

registrator@gu.se

(For paper applications: Registrar, University of Gothenburg, Box 100, SE 405 30 Göteborg, Sweden.)

Trade union representatives:

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