



## **GIS and Land Use Specialist – Global Land Use Change and Sustainable Bioenergy – The University of Wisconsin**

The Gibbs Lab Group at the University of Wisconsin-Madison, seeks a full or part-time GIS and Land Use Specialist to begin work in September 2011. Position is for one year and renewable based on performance. The Specialist will lead GIS analysis, statistical modeling, and database development in support of multiple research projects focused on land-use change, sustainable bioenergy and carbon emissions. The research will include synthetic, global-scale questions as well as case studies focused on particular countries or regions. Potential questions include: What are the drivers of agricultural land use change? Do bioenergy subsidies in the U.S., Europe and elsewhere influence rates of forest clearing? What role could REDD play in mitigating causes and drivers of deforestation? How have tropical land-use patterns changed over the last three decades? What does this mean for carbon emissions?

The ideal candidate will have excellent organizational skills and be able to work independently. Preference will be given to those with a strong interest and/or experience with tropical conservation and land use issues. Desired (but not required) technical skills include at least two years experience with: 1.) GIS analysis including some experience working with satellite data, 2.) Statistical analysis including programming in R, Splus, Python or SAS, and 3.) Visualizing data communicating them to a range of audiences. We are interested in highly capable and energetic individuals who genuinely enjoy doing careful research, will contribute to a team-oriented atmosphere, and are comfortable balancing multiple tasks. Background in economics is a plus. Candidates with a B.S. and exceptional technical skills and work experience are also encouraged to apply.

The position is for one year with renewal for a second year based on performance. Salary will be at least \$31,000 per year, commensurate with qualifications.

Madison is widely recognized for its high quality of life, vibrant culture and arts scene, and easy access to natural areas. Costs of living are moderate, and public transportation and bicycle paths are easy transportation options.

For more information:

Gibbs webpage: <http://www.sage.wisc.edu/people/gibbs/gibbs.html>

Nelson Institute: <http://www.nelson.wisc.edu/>

Department of Geography: <http://www.geography.wisc.edu/>

To apply, please submit a cover letter detailing qualifications, CV, and phone and email addresses of three references to Holly Gibbs [hgibbs@stanford.edu](mailto:hgibbs@stanford.edu). Electronic documents are preferred. Application deadline is February 30, 2011 or until position is filled.