Postdoctoral Scholar Position – Threats to Northern Forest Resources Analyst  
University of Missouri  
Department of Forestry

There is an opening for a two-year Post-Doctoral Scholar position immediately available at the University of Missouri-Columbia in the field of Threats to Northern Forest Resources Analyst. The selected candidate will be stationed at USDA Forest Service Northern Research Station in St. Paul, Minnesota.

The selected candidate will have the opportunity to work as part of a multidisciplinary team of researchers as part of the “Northern Forest Future Project (NFFP)” led by the USDA Forest Service, Northern Research Station. NFFP is a window on tomorrow’s forests, revealing how current trends and choices can change the future forested landscape of the Northeast and Midwest.

The Postdoctoral Scholar will develop a wide-ranging assessment of biotic, abiotic, and anthropogenic threats to the structure, composition, and health of forests in the Northern U.S. Using FIA data as a primary source, the Postdoctoral Scholar will select a subset of these threats and develop and implement analytical relationships and tools to summarize and map probabilities and impacts of these threats. The Postdoctoral Scholar will develop methods to filter and modify results based on tree species, size class, location, management practices, owner preferences, fragmentation, and proximity to urban or developed environments. Analysis will also include the estimation of the impacts these forest-health modified forest ecosystems have upon the economy and ecosystem services of the region, as well as other analysis opportunities that arise and duties as assigned.

A Ph.D. in forestry, wildlife biology, ecology or related discipline is required. The postdoctoral position requires strong modeling, quantitative, analytical, and writing skills and ability to work with large datasets (including spatially referenced information). Strong technical background in statistical analysis is necessary and familiarity with statistical packages is required. The candidate needs to have good organizational and project management skills. The candidate is also expected to present at national conferences, write peer-reviewed journal manuscripts, and assist with preparation of grant proposals.

Salary and benefits
A competitive salary commensurate with experience and fringe benefits are offered as part of this position.

Application procedures
Applications will be accepted until position is filled with initial review beginning no later than February 2010. Candidates should submit:

- A one-page letter (email is satisfactory) describing qualifications and experience
- An up-to-date curriculum vitae
- Copies of graduate transcripts
- Names, phone numbers, and e-mail addresses of three professional references

to:

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