



Postdoctoral Scholar Position - Ecosystem Services 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 **Forest Ecosystem Services Analysis**. The selected candidate will be hosted in the Northern Research Station at 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 Futures Project (NFFP)” led by the USDA Forest Service, Northern Research Station. NFFP is a window on tomorrow’s forests, revealing how today’s trends and choices can change the future landscape of the Northeast and Midwest.

The Postdoctoral Scholar will estimate quantitative and/or qualitative levels of ecosystem services as a function of Forest Inventory and Analysis data and auxiliary spatial and non-spatial data. These relationships are necessary for a fuller understanding of the range of commodities, services, and processes afforded by forest ecosystems and the tradeoffs among ecosystem services associated with alternative management scenarios. Common ecosystem services from forests include products such as wood, wildlife, energy, water yield, recreation, as well as processes such as carbon sequestration, climate modification, water purification, nutrient cycling, and sustaining biological diversity. Emphasis will be placed on assessing abundance and distribution of present and future wildlife habitats and water services.

A Ph.D. in forestry, natural resource science, wildlife biology, ecology, or related disciplines 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 and geospatial analysis is necessary and familiarity with associated software packages (e.g. SAS, R, ArcGIS) 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 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 and undergraduate college transcripts
- Names, phone numbers, and e-mail addresses of three professional references

to:

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