



**Postdoctoral Scholar Position – Forest Resource Bioenergy 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 Resource Bioenergy Analysis**.

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 today’s trends and choices can change the future landscape of the Northeast and Midwest.

The Postdoctoral Scholar will develop the capacity to estimate physical availability of woody biomass for bioenergy in the Northern U.S. using FIA data as a primary source, develop and implement analytical relationships and tools to summarize and map the quantity of available forest biomass for bioenergy. Assessment will incorporate information on quantities of logging residue, manufacturing residue and other materials available for bioenergy generation. The Postdoctoral Scholar will develop methods to filter and modify results based on tree species, size class, location, management practices, owner preferences, and proximity to energy infrastructure. Analysis will also include the estimation of future availability of biomass for energy in the U.S. Northern region.

A Ph.D. in forestry or natural resource economics, 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 the 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:

Dr. Francisco X. Aguilar
Assistant Professor, Department of Forestry
203L ABNR Building
Columbia, MO 65211
Phone: 573-882-6304
Fax: 573-882-1977
Email: aguilarf@missouri.edu

Dr. Stephen Shifley
Research Forester, USDA Forest Service
202 ABNR Bldg.
Columbia, MO 65211
Phone: (573) 875-5341 x232
Fax: (573) 882-1977
Email: sshifley@fs.fed.us