



Faculty Position Forest Hydrology/Watershed Management

POSITION: Assistant Professor, Department of Forestry, University of Kentucky

QUALIFICATIONS: Ph.D. degree with specialization in Forest Hydrology and/or Forest Watershed Management. Educational background and/or experience in forestry required.

RESPONSIBILITIES: Research (60%), Teaching (40%). Candidates are sought with demonstrated research interest and expertise in forest hydrology and watershed processes, with recognition of the importance of the interactions between biological and physical processes. Research areas of interest include hydrologic processes in relation to timber harvest and forest management operations, hillslope hydrologic processes, watershed hydrology, hydrologic processes in constructed systems, hyporheic zone processes, and watershed transport and cycling of carbon, nutrients and pollutants. Significant research opportunities exist as a result of the recently enacted Kentucky Forest Conservation Act that requires implementation of forestry best management practices. These include assessment of the effectiveness of forestry BMPs as related to water quality, stream biota and riparian zone functions and ongoing research projects in BMP implementation and effectiveness are available for the successful candidate. The successful candidate will be expected to conduct an extramurally funded research program in the area of expertise, as well as contribute to the analysis and continuance of an existing long-term hydrologic data set from the University of Kentucky research forest. Collaboration with other forestry and natural resource specialists is strongly encouraged. Teaching responsibilities include an undergraduate course in forest watershed management and contribution to the senior capstone course in forest management. Other possible teaching responsibilities include contribution to a curriculum in natural resource conservation and a graduate course in the area of expertise.

RANK AND SALARY: Tenure-track, full-time, 12-month appointment; rank open. Salary is negotiable and commensurate with qualifications and experience.

THE DEPARTMENT OF FORESTRY: The Department of Forestry is one of eleven academic departments in the College of Agriculture. Departmental activities include undergraduate and graduate instruction in forestry and natural resources, research and extension programs. The Department's facilities on the University of Kentucky campus in Lexington are supplemented by the Robinson Forest, a 15,000 acre research forest in eastern Kentucky that has eight gauged watersheds and field technician support. Laboratory and technician support is also provided at the Lexington campus. Opportunities also exist for cooperative relationships with other departments in the University, the USDA Forest Service, the National Park Service, and natural resource agencies in the state.

APPLICATION DEADLINE AND AVAILABILITY: Closing date for applications is April 15, 2002 or until a suitable candidate is found. Starting date is August 15, 2002.

APPLICATION PROCEDURE: Send curriculum vitae, transcripts, a brief statement of research interests, teaching interests and philosophy, and career goals, and three letters of recommendation to:

Dr. Jeffrey W. Stringer
Chair, Hydrology Search Committee
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