

Faculty Position – Natural Resource Measurements, Biometrics, and/or Modeling
Department of Forestry
Mississippi State University

Position: Assistant/Associate Professor, Department of Forestry, Forest and Wildlife Research Center, Mississippi State University.

Essential Qualifications: Ph.D. degree in Forestry or a closely-related field is required. Demonstrated training/experience in field and quantitative forest measurements, biometrics, natural resource assessment, and/or geospatial modeling is also required. **Preferred Qualifications:** Record of scholarly publication, demonstrated experience in, or potential for, securing extramural funding, and experience in teaching in the above-listed fields at the university level. All but dissertation (ABD) applicants will be considered.

Responsibilities: Responsibilities will include participation in the Department's teaching, research, and service activities. The successful candidate will be expected to develop and/or teach undergraduate and graduate courses consistent with the level of appointment in one or more of the following areas: forest measurements, forest biometrics, environmental measurements, geographic information systems (GIS), and geospatial modeling. The successful candidate will be expected to develop an extramurally-funded research program in quantitative and/or geospatial assessment of natural resources. Appropriate areas of research could include, but are not limited to: resource inventory assessment/analysis, geospatial/statistical modeling, and related quantitative assessments in resource measurements/management. Opportunities exist for research collaboration with the USDA Forest Service and other Federal agencies, state agencies, forest industry, and forest landowners and managers.

Rank and Salary: Tenure-track or tenured, full-time, 9 or 12-month appointment. Salary is negotiable and commensurate with qualifications and experience.

The Department of Forestry: The Department of Forestry is one of three departments in the College of Forest Resources and the Mississippi State University's Forest and Wildlife Research Center. Departmental activities include undergraduate and graduate instruction, research, and extension programs in forestry and natural resources. The Department has excellent facilities in Thompson Hall on the campus of Mississippi State University. The Measurements and Spatial Technologies Laboratory is devoted to measurements, biometrics, and geospatial research in natural resources. It houses a dual server for large data storage and PC workstations with a variety of GIS, image analysis, and statistical software. The MSU John W. Starr Memorial Forest, an 8,244-acre research and teaching forest, and the Sam D. Hamilton Noxubee National Wildlife Refuge and Tombigbee National Forest are near the university and are used for teaching and research activities.

Mississippi State University is a Carnegie High Research Activity institution and a land grant university which includes the Mississippi State University Extension Service. The university is located in Starkville, a beautiful college town in northeast Mississippi (www.msstate.edu/web/about).

Application Procedure: Screening of applicants will begin September 15, 2017 and will continue until a suitable applicant is found. Applications must be made through the Mississippi State University Employment opportunities website via the link <http://www.msujobs.msstate.edu/> (PARF Number 496011). Applicants should also send (in a single pdf) a letter of application, curriculum vita, copies of transcripts (for all degrees), a brief statement of research and teaching interests, and complete contact information for three professional references to:

Dr. Heather Alexander (heather.alexander@msstate.edu)
Chair, Natural Resource Measurements, Biometrics, and/or Modeling Search Committee
Department of Forestry
Mississippi State University
Mississippi State, MS 39762-9681

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