

Clemson University: College of Agriculture, Forestry and Life Sciences: Forestry and Environmental Conservation
Assistant/Associate Professor - Forest Biometrics

Location: **Clemson, SC**

The Department of Forestry and Environmental Conservation (FEC), at Clemson University is seeking to fill a tenure-track position at the Assistant or Associate Professor level with a specialization in Forest Biometrics. The position is a 12-month appointment with responsibilities in teaching (75%) and extension (25%).

Clemson is an R1 Land-Grant university situated in the Piedmont of South Carolina, immediately adjacent to the Blue Ridge Mountains. The 17,500 acre Clemson Experimental Forest is contiguous with campus and provides abundant opportunities for research and teaching.

Forests currently occupy 67 percent (13 million acres) of the land area in South Carolina, and the state's forest industry has an economic impact exceeding 21 billion dollars annually.

This position is critical to supporting our SAF-accredited forestry curriculum. Undergraduate courses that, at this time, will be taught include Forest Mensuration, Forest Biometrics, Forest Measurements, Remote Sensing, and part of Natural Resources Measurements, with additional opportunities to assist in teaching across a relatively broad spectrum of topics related to the forest biometrics discipline, e.g., field measurements skills, geospatial applications, growth and yield modeling, sampling, and experimental methods. The candidate may develop and teach graduate-level coursework in forest biometrics and analytics, focusing on advanced topics including forest growth and yield modeling, forest sampling and measurements, estimation and forecasting, and the integration of complex data sets into statistical, mathematical, and computer modeling frameworks. The candidate will develop a high quality and productive program of applied research and extension outreach in forest biometrics and analytics with impacts aimed at the science and management of forest resources at local to global scales. The faculty member is expected to collaborate with faculty, extension and agency/industry colleagues on regionally, nationally, and/or globally relevant research that is informed by forest biometrics. Advising of undergraduate students and participation on departmental committees is expected.

The successful candidate is expected to develop a collaborative extension program in the field of forest measurements, commensurate with the appointment, especially as it applies to forest management, growth and yield, forest inventory, and big data in forestry and natural resources. The extension program should focus on issues relevant to forest industry as well as family forest owners. Applied research to support teaching and extension is anticipated. The publication and communication of results as well as the supervision of graduate students are expected. For the extension audience this may include workshops, technical bulletins, educational events for professionals, trade journals, and support of the statewide forestry and natural resources extension team.

The position will require broad participation in state organizations, participation in the Extension Forestry and Natural Resources team. The successful applicant will establish working relationships with stakeholders and develop state-wide extension and professional training programs. These programs may be developed for in-person delivery as well as through online delivery systems.

University Furlough Information: Clemson University is currently operating under a mandatory furlough program developed in coordination with the South Carolina Division of State Human Resources. Please visit the [Furlough FAQ](#) for more information.

QUALIFICATIONS

Qualifications include a PhD in forest biometrics, with strong promise for developing an outstanding program of teaching, applied research, and outreach. An undergraduate forestry degree or a Masters of Forestry from an SAF accredited program (or equivalent) is preferred. Candidates with a strong interest and track-record in undergraduate teaching and mentoring are desired. Preference will be given to candidates with teaching experience, evidence of applied research productivity, and the ability to develop an extension program to support the Land Grant mission. Experience with, and the ability to teach modern remote sensing applications in forestry are highly desired.

APPLICATION INSTRUCTIONS

To ensure full consideration, applications should be submitted to <http://apply.interfolio.com/74245> by March 26, 2021. The position will remain open until filled.

Materials for application: 1. Letter of interest 2. CV 3. Names, titles and complete contact information for three to five references 4. Separate statements regarding interest and personal philosophies associated with (a) inclusion, equity, and diversity; (b) teaching; (c) extension and outreach experience and philosophy; and (d) applied research 5. Unofficial transcripts. An official transcript for highest degree earned is required prior to the start of employment for the selected candidate.

Position related questions may be directed to: Patricia Layton, Ph.D. (Search-Committee Chair)
Clemson University Playton@clemson.edu 864-505-5904

Clemson University is an AA/EEO employer and does not discriminate against any person or group on the basis of age, color, disability, gender, pregnancy, national origin, race, religion, sexual orientation, veteran status or genetic information. Clemson University is building a culturally diverse faculty and staff committed to working in a multicultural environment and encourages applications from minorities and women.

Apply Here: <https://www.click2apply.net/1wQMVqtVZ8KaT5lel8X5J>

PI130630812