Research & Extension Assistant Professor of Forest Management
Climate Change Cluster

The Positions:
The UNH College of Life Sciences and Agriculture (COLSA) seeks to hire two new research & extension assistant professors with demonstrated interests and expertise in the areas of forest management and agricultural engineering. These positions are intended to intend to build and reinforce strengths related to climate change impacts, mitigation, and adaptation. These positions are complementary to COLSA's on-going search for four tenure-track assistant professors focused on climate change and are expected to have overlapping and synergistic research programs with those hires. We anticipate filling these positions for fall, 2015.

Changes in the physical and chemical climate, along with human population and land use, are transforming ecosystems and pose significant challenges in agricultural and natural resource-based systems. It is our vision that UNH should build on its existing strengths in sustainable agriculture and forestry to address these challenges.

The University of New Hampshire, located in Durham, is a Research-I, Land, Sea and Space Grant University that has been recognized both nationally and internationally for research excellence and a commitment to sustainability. The College of Life Sciences and Agriculture is organized into four interacting academic units and includes the state's Agricultural Experiment Station.

Qualifications for Forest Management Position:

We seek excellent candidates for the position of research & extension assistant professor to undertake engaged research and outreach in the field of sustainable forest management. Expectations of the position will be consistent with a 75% New Hampshire Agricultural Experiment Station (NHAES) and 25% University of New Hampshire Cooperative Extension (UNHCE) appointment. The successful candidate will be on 12-month annual appointment and housed within an appropriate academic department of the College of Life Sciences and Agriculture (COLSA). Additionally the candidate will be assigned to an appropriate area of expertise team within the Extension Natural Resources program. They will have full access to NHAES research facilities on or within 10 miles of campus and be expected to undertake research activities at one or more of these key resources. They will similarly have full access to UNHCE resources and program support.

The successful candidate will undertake research on adapting regional forest management practices to potential influences of climate change to ensure productive and sustainable forests while protecting water and wetland resources. Areas of research could include support systems for decision making under risk and uncertainty especially for managerial responses by individual landowners to invasive species threats, shifting forest types, changes in productivity and threats to water quality, and/or regional scale modeling to analyze policy and market responses using spatially explicit planning and market models such as Woodstock and a Northeast variant of Sub-Regional Timber Supply (SRTS) model.

We are hiring four tenure track faculty in a cluster focused on climate change. The disciplines represented are environmental economics, forest health, quantitative ecology, and agricultural engineering. This research/extension faculty member will be expected to collaborate with these new hires as well as existing faculty with expertise in forest ecology, modeling, management, and extension outreach.

As a research faculty member, the successful candidate will have the opportunity to mentor graduate students and postdoctoral scientists. The position will come with 12-month annual funding for the initial three years, following which the incumbent will be expected to generate 25 percent of annual salary from external grants and contracts. Working under the auspices of the NHAES and UNHCE, they will be expected to compete successfully in national and regional funding initiatives, to achieve prominence in their field of scholarship.

Required Qualifications

Candidates must have a doctoral degree in forest management or closely related discipline, demonstrated potential to develop and lead a strong and productive research program, and to engage with Extension state and field specialists. Candidates must embrace interdisciplinary approaches, demonstrating an ability and interest in interfacing with broad segments of our faculty and Extension specialists.

Preferred Qualifications

Desired qualifications include a graduate degree in forestry or a related field, postdoctoral experience, and experience in education/outreach program development and implementation. Candidates having modeling experience using Woodstock and/or STRS are especially desirable.

Application Instructions

Refer to the COLSA website http://www.colsa.unh.edu/employment/ for more information on this position. All candidates must apply on-line. Please submit a cover letter, a professional resume or curriculum vitae as well as names and contact information for five professional references to **https://jobs.usnh.edu,** (posting number UB1508)**.** Candidates will be notified before any references are contacted. Review of applications will begin on April 20, 2015 and continue until the position is filled. For further information contact Dr. Theodore Howard, Associate Dean for Faculty and Strategic Partnerships at ted.howard@unh.edu.

EEO Statement

The University actively seeks excellence through diversity among its administrators, faculty, staff, and students, and prohibits discrimination on the basis of race, color, religion, sex, age, national origin, sexual orientation, gender identity or expression, disability, veteran status, or marital status. Application by members of all underrepresented groups is encouraged. The University of New Hampshire is an Equal Opportunity/Equal Access/Affirmative Action institution.