Tenure Track Faculty Position

Associate/Full Professor in Geospatial Analytics and Human Dimensions of Natural Resources

Department of Parks, Recreation, and Tourism Management (PRTM)

College of Natural Resources (CNR)

North Carolina State University (NCSU)

The Department of Parks, Recreation and Tourism Management is a multi-disciplinary department that addresses critical research questions related to human dimensions of natural and built environments, human health and well-being, livable communities, youth development and physical activity, and equitable and sustainable tourism. The mission of PRTM is to advance and disseminate scholarship concerning the management and use of natural and cultural resources for recreation, tourism, and sport through research, teaching, and public engagement.

Inclusiveness and diversity are academic imperatives and thus are university goals. We are particularly interested in candidates who have experience working with students from diverse backgrounds and a demonstrated commitment to improving access to higher education for students from underrepresented groups.

Description: Tenure-track nine-month, full-time appointment with responsibilities for research (45%), teaching (30%), and service (25%). The position is available August 16, 2015.

Required Qualifications: Spatial social scientist with a disciplinary background in park and protected area management, the human dimensions of natural resource management, human geography, city and regional planning, economics, or related field. The successful candidate must have a nationally recognized and externally supported research program focusing on geospatial dimensions of environmental and natural resource planning and management. A distinguished record of scholarship and external funding sufficient for appointment as associate or full professor is required. Highly desirable research concentrations include advanced spatial-temporal modeling and geovisualization of land use/population change dynamics, change in human communities and cities, and regional economic systems related to recreation and tourism. Experience with immersive virtual environment technologies, computational steering, agent-based modeling, as well as innovative approaches to modeling and visualizing large, heterogeneous, and creative sources of data for solving problems as a coupled human and natural system is highly desirable. The successful candidate must have an established record of attracting, advising, and mentoring graduate students. The candidate must have excellent interpersonal and communication skills and ability to engage public and private stakeholders in identifying science-driven solutions to enhance the social, environmental, and economic well-being of communities.

As a senior leader in the Center for Geospatial Analytics, the successful candidate will devote concentrated effort to building interdisciplinary and transdisciplinary teams with research faculty in PRTM, the Center for Geospatial Analytics, and faculty in other NCSU departments and other institutions focused on data-driven spatial modeling and visualization for solving environmental and societal challenges. The successful candidate will also exhibit strong oral and written communication skills evidenced by a publication record in peer-reviewed scientific journals. A demonstrated commitment to excellence in teaching with web-based learning technology is fundamental to this position. Evidence of teaching ability (e.g., course syllabi developed, student and peer evaluations of courses taught, courses or workshops attended with a focus on teaching pedagogy) is required.

Responsibilities: Build upon an established externally funded research program focused on geospatial analytics and visualization to address significant issues including, but not limited to, socio-ecological resilience related to climate change, urbanization, and sustainable livelihoods in rural economies. The successful candidate must be able to teach one undergraduate course in natural resource recreation and
land use planning. In addition, teach one graduate course in the PRTM graduate program that can be cross-listed in the Master’s of Geospatial Information Science and Technology degree program. The graduate course must be in the candidate’s area of expertise. Participation and leadership, as appropriate, in faculty governance and service to the profession is expected.

**Salary and Benefits:** Salary is competitive and commensurate with experience and qualifications. Benefits include university retirement, group life, medical, dental insurance plans, and sabbatical and semester leave opportunities.

**Application Process:** Please apply online via https://jobs.ncsu.edu/postings/search. The position number is: 00000690. The on-line application must include a cover letter specifying research areas of interest, statement highlighting research accomplishments and future goals, detailed curriculum vitae, and three letters of reference. Review of applications will begin October 15, 2014 and continue until the position is filled. The expected start date is August 16, 2015. Direct inquiries to:

Dr. Erin Seekamp  
Chair: Search Committee  
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**Links:** Information on departmental programs is found at: http://cnr.ncsu.edu/prtm/. Information on the Center for Geospatial Analytics and Geovisualization Lab can be found at: www.geospatial.ncsu.edu

NC State University is an equal opportunity/affirmative action employer. Women and members of other underrepresented groups are encouraged to apply. In addition, NC State University welcomes all persons without regard to sexual orientation or genetic information. We welcome the opportunity to work with candidates to identify suitable employment opportunities for spouses or partners NC State University welcomes all persons without regard to sexual orientation or genetic information. Individuals with disabilities desiring accommodations in the application process should contact the Ms. Debbie Hurst, PRTM Administrative Assistant, 919.515.7934, dthurst@ncsu.edu.