Tenure Track Faculty Position
Open Rank (Assistant, Associate, or 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, livable communities, youth development and physical activity and sustainable tourism and economic development of rural and urban areas. The mission of PRTM is to advance and disseminate scholarship concerning 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 and departmental goals. PRTM faculty enjoy a vibrant scholarly environment supportive of innovative high impact research. The College of Natural Resources has an ambitious strategic plan that focuses on providing solutions to natural resource challenges (https://cnr.ncsu.edu/wp-content/uploads/2015/04/CNR-Strategic-Plan-Final.pdf).

Description: Tenure-track nine-month, full-time appointment with responsibilities for research (45%), teaching (45%), and service (10%). This is an open rank position and will be appointed commensurate with education, experience, and rank. The position is available August 16, 2016. The successful candidate will devote concentrated effort toward developing innovative tools and applications for data-driven spatial modeling and visualization for solving environmental and societal challenges. As a Faculty Fellow of the Center for Geospatial Analytics (geospatial.ncsu.edu), the successful candidate will also contribute to the Center’s mission as an active member of the College’s growing geospatial research and education community.

Required Qualifications: Spatial social scientist with a disciplinary background in parks 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 demonstrate potential to build a nationally recognized and externally supported research program focusing on geospatial dimensions of environmental and natural resource planning and management. Highly desirable research concentrations include advanced spatial-temporal modeling and geovisualization of land use/population change dynamics, changes in human communities and regional economic systems related to recreation and tourism. Approaches to modeling and visualizing large, heterogeneous, and creative sources of data for developing a better understanding of coupled human and natural systems is highly desirable. The successful candidate must demonstrate ability to recruit and mentor 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.

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
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. Teach one undergraduate course in natural resource recreation and land use planning. 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](http://cnr.ncsu.edu/prtm/) or the upcoming campus-approved PhD in Geospatial Analytics. 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](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 6, 2015 and continue until the position is filled. The expected start date is August 16, 2016. Direct inquiries to:

Dr. Roger Moore  
Chair: Search Committee  
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**Links:** Information on departmental programs is found at: [http://cnr.ncsu.edu/prtm/](http://cnr.ncsu.edu/prtm/). Information on the Center for Geospatial Analytics and Geovisualization Lab can be found at: [www.geospatial.ncsu.edu](http://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 Ms. Debbie Hurst, the Department Head Administrative Assistant, 919.515.7934, dlhurst@ncsu.edu.