The Department of Fish, Wildlife & Conservation Biology at Colorado State University invites applications for a postdoctoral fellow position. We seek an outstanding early-career scientist to advance spatial modeling of anthropogenic noise propagation and apply the results to inform land and wildlife conservation.

The postdoctoral fellow will work in collaboration with Dr. Sarah Reed (Wildlife Conservation Society & Colorado State University) and Dr. George Wittemyer (Colorado State University), as well as a larger interdisciplinary research team of CSU, WCS, and National Park Service (NPS) scientists investigating noise impacts on wildlife. The postdoctoral fellow will:

1) Update, test, and further develop GIS tools for modeling anthropogenic noise propagation in natural ecosystems; and
2) Apply GIS tools to model potential effects of noise propagation on wildlife populations due to off-road vehicle recreation, energy development, and other anthropogenic noise sources. The position is funded by a grant from the Hewlett Foundation to the Wildlife Conservation Society and a National Park Service Cooperative Agreement with Colorado State University.

Required Qualifications

• Ph.D. in conservation biology, wildlife ecology, natural resource management, or a related discipline;
• Demonstrated proficiency with spatial modeling and analysis in geographic information systems (GIS);
• Demonstrated proficiency with coding in relevant programming languages (e.g., Python, R);

Preferred Qualifications

• Demonstrated publication record;
• Knowledge of acoustics, soundscape ecology, or noise impacts on wildlife;
• Experience working in collaborative research and practitioner teams with diverse partners (e.g., government agencies, non-profit organizations, universities);
• Strong interest in conducting applied research to solve real-world conservation problems;
• Excellent written and oral communication skills.

How to Apply

To apply and view a full position description, please visit: http://jobs.colostate.edu/postings/15931. For full consideration, the deadline for receiving applications is July 19, 2015. Questions concerning this position should be addressed to Dr. Sarah Reed at sarah.reed@colostate.edu.