



Department of Watershed Sciences  
5210 Old Main Hill  
Logan Utah 84322-5210  
Phone (435) 770-7564  
FAX (435) 797-1871  
E-mail: [phaedra.budy@usu.edu](mailto:phaedra.budy@usu.edu)



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**Pre-Notice** - Applied Spatial Ecologist

The US Geological Survey, Utah Cooperative Fish and Wildlife Research Unit will soon be inviting applications for an Applied Spatial Ecologist. We seek an individual who will build a research program with a focus on developing and applying wildlife-habitat interaction models. The successful candidate should have a strong applied ecology/wildlife management orientation and demonstrated potential to work effectively with natural resource management agencies. Research interests may include, for example: designing and evaluating habitat restoration actions, assessing linkages between nutritional/physiological status in wildlife and landscape-scale demographic patterns, uncovering linkages between habitat structure/dynamics and wildlife vital rates, or assessing habitat utilization and quality in the context of changing climates and urbanization patterns, with implications for resource planning, watershed dynamics, and wildfire risk management.

Qualifications:

The successful candidate must have a PhD degree in a relevant field such as (but not limited to) landscape ecology, ecology, geography, biological sciences, environmental sciences, forestry, fisheries, wildlife, or systems ecology. The Ph.D. or equivalent is required by the date of hire; postdoctoral experience is not required but is preferred. We seek a candidate with strong analytical skills who can conduct innovative applied research in landscape/spatial ecology, and can communicate their work effectively to unit cooperators and the broader public. Desirable candidates will possess the following: 1) ability to collaborate effectively with existing faculty at USU (e.g. wildlife, population, quantitative, and movement ecologists) and biologists at UDWR, 2) ability to work with large and complex datasets using current bioinformatic approaches, 3) excellent interpersonal communication and collaboration skills, 4) ability to train future practitioners and leaders (e.g. graduate students and wildlife/land managers), and 5) an understanding of policies related to wildlife and habitat management, and an ability to effectively communicate scientific findings, predictions, and recommendations to policymakers. Interested individuals will ultimately need to apply through the USA jobs website (position not yet open online). Questions can be directed to either Phaedra Budy, Unit Leader ([phaedrea.budy@usu.edu](mailto:phaedrea.budy@usu.edu)) or Karen Mock, Department Head ([karen.mock@usu.edu](mailto:karen.mock@usu.edu)).

