



Ecosystem Science & Management

College of Agriculture and Natural Resources
Dept 3354; 1000 E. University Avenue • Laramie, WY 82071
(307) 766-3114 • fax (307) 766-6403 • esm@uwyo.edu

Assistant Professor of Wildland Watershed Management (position number 1097), University of Wyoming

The Department of Ecosystem Science and Management (ESM; <http://www.uwyo.edu/esm/>) of the University of Wyoming is recruiting a 9-month tenure-track Assistant Professor of Wildland Watershed Management with a 45% Teaching, 45% Research, and 10% Service appointment. ESM is an interdisciplinary department, offering degrees in Soil Science, Entomology, Rangeland Ecology and Watershed Management, and Agroecology, and several undergraduate minors including Forest Resources and Reclamation and Restoration Ecology.

We are seeking a candidate for the Wildland Watershed Management position that will integrate applied and basic research in rangeland and forest watersheds. The incumbent will have the opportunity to pursue research that bridges rangeland and forest management and hydrologic science. We seek candidates who investigate processes and feedbacks in rangeland and forest systems and their response to management. Research in this area is essential to effective multiple use management in systems that face an uncertain future due to natural and anthropogenic disturbances such as drought, climate change, insects and disease, energy exploration and development, and agricultural diversions. Candidates for this position are sought who will build an applied field-based research program focused on hydrologic processes that includes stakeholder engagement.

Required qualifications are an earned PhD at time of application in watershed or rangeland management, rangeland ecology, forest ecology, or a closely related area, demonstrated research productivity in the form of peer-refereed journal publications, and demonstrated ability for effective teaching. Preferred qualifications are postdoctoral or post-PhD research experience in watershed-related studies, a research focus on applied, spatial and field-based watershed management in rangeland or forest systems, experience in grantsmanship, excellent verbal and written communication skills, demonstrated ability to work effectively with natural resource agencies, and demonstrated ability to work effectively with colleagues, students, and staff.

We are targeting an applicant who works productively in collaborative and interdisciplinary teams, is able to communicate research findings to a wide range of audiences, and conducts research in field-based science directed toward extensive land management with linkages to water resources, restoration ecology, and ecosystem function. Research will address rangeland and forest management and restoration issues in watersheds with an emphasis on plant-soil-water interactions at the watershed scale. The successful candidate will address processes underlying watershed responses to anthropogenic and climatic disturbances to provide compelling insights that enhance the impact of applied rangeland and forest research.

The incumbent will teach 2 undergraduate courses (Wildland Watershed Management [REWM 4700] and Forest Management [RNEW 2100]) as well as a graduate course in their area of expertise. In addition, the successful candidate is expected to advise undergraduate students and mentor graduate students. The service component includes outreach to State and Federal natural resource agencies, industry, agriculture, and energy sectors in the state. The incumbent will have a rich research and teaching environment and be able to engage with water resources faculty, the Wyoming Center for Environmental Hydrology and Geophysics (WyCEHG), Haub School of Environment and Natural Resources (ENR), Wyoming Reclamation and Restoration Center (WRRC), Program in Ecology (PiE), and School of Energy Resources (SER) at the University of Wyoming.

To apply, send a CV, statement of research interests, statement of teaching interests, and contact information for three references as a single PDF document via email to the ESM Departmental Office Associate, Sarah Kauer (skauer@uwyo.edu). Please direct questions specific to the position or search process to the search committee chair, Dr. Jeff Beck, Dept. of Ecosystem Science and Management, University of Wyoming, at jbeck@uwyo.edu.

Review of applications will begin on October 30, 2015 but applications will be accepted until the position is filled.

The University of Wyoming is located in Laramie, a town of ~32,000 in the Rocky Mountains. Located in a high mountain valley between the Laramie and Snowy Range Mountains, Laramie is immediately accessible to public lands providing a diversity of opportunities for summer and winter outdoor recreation. The community provides the advantages of a major university and a distinctive identity as an important city in the state. Laramie is 1-3 hours away from Colorado's major cities, university communities along the Front Range, and a major international airport.

The University of Wyoming is an Equal Employment Opportunity/Affirmative Action employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, national origin, disability or protected veteran status or any other characteristic protected by law and University policy. Please see www.uwyo.edu/diversity/fairness

We conduct background investigations for all final candidates being considered for employment. Offers of employment are contingent upon the completion of the background check.