

University of Wyoming

Faculty Position- Rangeland Systems Ecologist

The University of Wyoming, Department of Renewable Resources invites applications for the position of Assistant Professor (Research 45%, Teaching 50% and Service 5%).

We seek a rangeland ecologist working at landscape to watershed scales in arid and semiarid ecosystems. The successful candidate will develop a process-based research program to address natural resource science and management issues driving complex system behavior in support of sustainable rangelands. A scientist is sought who will use a systems analysis approach to fully embrace complex decision-making choices for assessing multiple goals of management, such as the reclamation of rangelands, considering wildlife habitat, herbivory, water resources, carbon sequestration and economics. The position offers a unique opportunity to interact with recognized scientists to understand and plan for sustainable rangelands. The successful candidate is expected to engage with activities of the Program in Ecology and Ruckleshaus Institute and Haub School of Environment and Natural Resources and the School of Energy Resources. The University of Wyoming offers access to unparalleled field research environments in natural grasslands, sagebrush steppe, forest and alpine ecosystems. Laramie is positioned in a high-elevation valley between the Laramie and Medicine Bow Ranges of the Rocky Mountains, northwest of Denver, Colorado.

Qualifications Required: 1) Ph.D. in an ecological discipline or closely related field at time of hire, 2) graduate training in rangeland ecology, 3) interest in and ability to teach in the rangeland ecology undergraduate curriculum, and 4) a record of peer-reviewed publication. **Desired:** Research expertise in arid and semiarid systems, expertise applying integrative approaches or models to synthesize biotic and abiotic processes at landscape to watershed scales, and a record of collaboration with diverse groups.

Duties and Responsibilities: 1) conduct research on issues relevant to sustaining arid and semiarid rangelands, 2) annually teach two undergraduate courses in the rangeland undergraduate curriculum and a graduate course relevant to expertise, 3) advise undergraduate and graduate students, 4) establish a program of externally funded research and scholarly activity including support for graduate students and 5) provide service to the University and profession.

The Department of Renewable Resources, <http://uwadmnweb.uwyo.edu/UWRENEWABLE/> gathers range, forest, watershed, entomology and soil scientists into an integrated department, offering degrees in Rangeland Ecology and Watershed Management, Soils, Entomology, Earth Systems Sciences, Insect Biology, Water Resources and Agroecology. RNEW houses a Stable Isotope Facility <http://uwacadweb.uwyo.edu/sif/>, the Environmental Simulation Laboratory, and the Wyoming Reclamation & Restoration Center <http://uwadmnweb.uwyo.edu/WRRC/>. Our faculty contribute to a strong cross-disciplinary Program in Ecology <http://uwacadweb.uwyo.edu/PIE/> and Environment and Natural Resources <http://www.uwyo.edu/enr/senr/> affiliate degrees, and have close ties with the National Center for Atmospheric Research (NCAR) supercomputer facility (under construction). The University of Wyoming, as the only public four-year institution of higher learning in Wyoming, has a large impact on regional and national policy decisions and public land management.

Applicants should send their curriculum vitae, a statement of research and teaching interests, maximum of 3 relevant publications, and 3 letters of recommendation (sent independently by the reference) **via email** to: SystEcol@uwyo.edu. Direct questions to Dr. Ann Hild, search chair at this email or by phone: 307-766-5471. International applications, as from women and minorities, are strongly encouraged. For full consideration, review of applications will begin on 20 November 2009; the position will remain open until filled.

The University of Wyoming is a Carnegie Foundation Research/Doctoral Extensive Institution, and an AA/EEO employer. The University of Wyoming is committed to diversity and endorses principles of affirmative action. We acknowledge that diversity enriches and sustains our scholarship and promotes equal access to our educational mission. We seek and welcome applications from individuals of all backgrounds, experiences and perspectives.