The Department of Ecosystem Science and Sustainability at Colorado State University (CSU) invites applications for a tenure track Assistant or Associate Professor in Sustainability Science, depending on qualifications. We seek applications from candidates with demonstrated understanding of how socio-economic factors both constrain and provide opportunities to enhance the sustainability of social-ecological systems across multiple spatial and temporal scales.

We are interested in candidates who can bring together quantitative and qualitative skills within an interdisciplinary research context. The department is especially interested in applicants with quantitative skills that address the development of formal criteria and metrics, e.g., Life Cycle Assessment, to quantify and model sustainability. Demonstrated effectiveness in integrating non-scientific information into the research process is required. Interdisciplinary research includes an emphasis on an understanding of the factors that constrain sustainability (e.g., population, consumption, climate, land and land-cover change) coupled with experience planning and implementing sustainability programs with communities, government and/or corporate organizations and other stakeholders, and experience working with ecosystem scientists and/or hydrologists, as well as scientists from social science and humanities, on interdisciplinary research (the ability to link science and practice).

Qualifications

Required: 1) A Ph.D. in ecology, ecosystem science, or a related field. 2) Experience with analytical and modeling approaches for assessing socio-ecological systems and ecosystem services. 3) Demonstrated record of high-impact interdisciplinary research. 4) Evidence of effective teaching skills, an understanding of the land-grant mission, and a strong interest in contributing to our academic programs.

Desirable: 1) Strong publication record; 2) demonstrated ability or potential for generating external funding; 3) Ability to communicate scientific knowledge to a range of stakeholders; 4) Evidence of the ability to conduct independent and collaborative research with other faculty and natural resource professionals, develop and maintain an active research program, publish in leading scientific journals, and secure external funding to support research; 5) Demonstrated teaching effectiveness at the graduate and undergraduate levels; 6) Experience fostering undergraduate research excellence is also strongly desired.

The Ecosystem Science and Sustainability department is closely associated with the Natural Resource Ecology Laboratory. We are recognized for interdisciplinary research in socio-ecological function and system sustainability, such as sustainability of water, food, and energy systems from technological, social-ecological, and modeling perspectives. ESS faculty whose research lies at the interface of biophysical and social sciences have created open and flexible research and education programs with issues of sustainability as the core focus.
The Department offers a B.S. in Ecosystem Science and Sustainability and a B.S. Watershed Science as well as an M.S. in Watershed Science and a Masters in Greenhouse Gas Management and Accounting. Faculty members may direct graduate students in the interdisciplinary Graduate Degree Program in Ecology and the Watershed concentration of the Earth Science PhD. The Department has in excess of 300 undergraduate students and 75 graduate students.

The mission of the Department of Ecosystem Science and Sustainability at Colorado State University is to understand the function of ecosystems and watersheds across space and over time and interactions between social systems and ecosystems. We assess ecosystem sustainability by examining interactions within and between natural and human systems in the context of current stresses such as changing climate, species introductions, land-use change, and increased demand for water. The department uses state of the art technologies and approaches to provide quality education to future scientists, educators and decision makers, conduct cutting edge interdisciplinary research, and deliver culturally relevant outreach programs that empower our students and the general public locally, nationally, and internationally.

The Ecosystem Science and Sustainability department is one of five academic departments in the Warner College of Natural Resources. The other departments are Geosciences, Ecosystem Science and Sustainability, Fish Wildlife & Conservation Biology, and Human Dimensions of Natural Resources. General information about the Warner College of Natural Resources and departments can be accessed at www.warnercnr.colostate.edu.

The Warner College of Natural Resources is also home to several interdisciplinary centers and programs, including the Colorado Forest Restoration Institute, the Center for Collaborative Conservation, the Center for Environmental Management of Military Lands, and the Colorado Natural Heritage Program. In addition, the Colorado State Forest Service is embedded within the Warner College of Natural Resources. The Department and College are active participants in programs and courses at CSU’s Mountain Campus, a 9,000-ft and 1,600-acre mountain campus and conference center.

Colorado State University is a land grant university with about 27,500 students located in Fort Collins, Colorado. Fort Collins residents enjoy a high quality of life, a moderate cost of living, and the city is often rated as one of the best places to live in the United States. The city has numerous bike paths, a vibrant downtown and community, and is adjacent to the Colorado Rocky Mountains, with easy access to many outdoor activities.

**Salary:** Commensurate with qualifications and experience.

**Fringe Benefits:** Sick leave per University policy, group health, life, dental, disability, and retirement benefits.

**Application Procedure:** Application materials include:

- A statement of research, teaching, and outreach goals and interests (five pages or less)
- A curriculum vitae.
- The names, addresses, and phone numbers of four references who will be contacted only after the short list of candidates is established and candidates have been notified.
All application materials should be submitted at the following site by March 6, 2016:

http://jobs.colostate.edu/postings/30867

Questions about the position should be directed to:

Dr. Rich Conant  
Chair, Search Committee  
1401 Campus Deliver  
Colorado State University  
Fort Collins, CO 80523-1401  
Rich.Conant@colostate.edu

Position available: August 16, 2016

Colorado State University is a land grant institution with an enrollment of approximately 27,000 students. It is located in Fort Collins, Colorado, an attractive and dynamic community of 135,000 people at the base of the Rocky Mountains. Fort Collins has been named one of the most desirable places to live by a variety of organizations. The region is home to a diverse range of ecosystems and land uses, and offers numerous outdoor recreational activities.

As a land grant University and as nationally recognized innovators, we are committed to the foundational principles of diversity and inclusion. We recognize that our institutional success depends on how well we welcome, value, and affirm all members of the Colorado State community and how we represent diverse perspectives in our teaching, research, and service throughout all disciplines.

Colorado State University is committed to providing a safe and productive learning and living community. To achieve that goal, we conduct background investigations for all final candidates being considered for employment. Background checks may include, but are not limited to, criminal history, national sex offender search and motor vehicle history.