

Assistant Professor in Water Quality (Extension and Research) Utah State University, Department of Watershed Sciences

The Department of Watershed Sciences at Utah State University (USU) invites applications for an **Assistant Professor (Extension watershed/water quality specialist)**. This tenure-track, full-time (twelve-month) position is based at the USU main campus in Logan, Utah. Relative emphasis for the position is 60% extension, 35% research, and 5% service. We seek an individual who will develop and promote innovative statewide extension programs in watershed and water quality management and conduct applied research in support of their extension program. Examples of extension and research topics include but are not limited to: identification and management of nonpoint sources of water pollution; watershed monitoring and modeling; remediation of water quality issues including eutrophication and harmful algal blooms; or use of wetlands and riparian zones for water quality improvement in urban, rural or wildland watersheds. The position will start August 2020. Application review will begin October 7, 2019 and continue until the position is filled.

The Department includes 16 faculty members with diverse interests in aquatic and wetland ecology, fish biology and management, water quality, biogeochemistry, hydrology, geomorphology, climate science, water resource management, and watershed systems. The Department offers BS degrees in Fisheries & Aquatic Sciences and in Management & Restoration of Aquatic Ecosystems. It offers MS and PhD degrees in Ecology and in Watershed Sciences. The Department is part of the S.J. & Jessie E. Quinney College of Natural Resources along with the Departments of Environment and Society and Wildland Resources. USU is Utah's Land Grant University and the Department strongly supports the land-grant tradition of scholarship for the public good in collaboration with the [Utah Agricultural Experiment Station](#), [USU Extension](#), and the [USU Ecology Center](#).

Qualifications: Applicants for the position must have:

- Earned doctorate in water quality research with a degree in environmental science, ecology, civil/environmental engineering, watershed sciences, physical geography, geology, or related discipline.
- Strong background in the hydrologic, ecologic, and/or biogeochemical sciences supporting water quality research and application to planning, management, restoration, and/or environmental protection.
- Record of peer-reviewed publication appropriate to career stage.
- Evidence of extending environmental research to address applied management problems in water quality and strong potential to demonstrate excellence in planning, conducting, and evaluating extension programs.
- Ability to communicate with diverse audiences and stakeholders in a way that effectively informs management and policy.
- Ability to collaborate in an interdisciplinary setting within a watershed context.

Preferred experience includes postdoctoral research, working with state and federal natural resource agencies, and working in an extension context. For further information about the position and to apply, go to <https://careers-usu.icims.com/jobs/1917/assistant-professor%2c-watershed-and-water-quality-management-department-of-watershed-sciences/job>. For additional questions, contact the search committee chair, Dr. Joe Wheaton (joe.wheaton@usu.edu).

Logan offers the amenities of a college town and a low cost of living within the Cache Valley metropolitan zone of ~115,000 people (http://www.loganutah.org/visitors/about_logan/index.php). Cache Valley is positioned between the Wellsville and Bear River mountain ranges at the eastern edge of the Great Basin and offers a superb array of outdoor activities minutes from campus. It is immediately adjacent to Forest Service and Wilderness lands and is within a day's drive of ten national parks. USU is an affirmative action/equal opportunity employer and is dedicated



to recruiting strong candidates from a diverse applicant pool, including women, minorities, veterans, and persons with disabilities. USU is sensitive to the needs of dual-career applicants and offers competitive salaries with outstanding medical, retirement, and professional benefits.