



Postdoctoral Fellow Opportunity in Geomorphology, Hydrology & Hydraulics at Utah State University

The *Sediment Dynamics Laboratory (SeDLab)* and *Water Ecosystems and Terrain (WET) Lab* at Utah State University in collaboration with the University of Vermont have one fully supported two-year Postdoctoral Fellow position available. Start dates can range from July to the start of the Fall 2024 semester (August) with potential for a later start for qualified candidates. The starting base salary is \$60K, however, salary may be negotiable based on Fellow qualifications and obligations. Fellows will have the opportunity to be part of an interdisciplinary team working on *understanding how high-resolution terrain, geomorphology, and hydraulics can be leveraged to enable more accurate flood inundation forecasts*. The postdoctoral fellow is expected to have advanced quantitative and data analysis skillsets with a working knowledge of terrain analysis and surface water hydraulic models or a strong desire to learn these skills. The postdoctoral fellow will be expected to take on an active role within the SeDLab group dynamic where they will develop their mentorship skills across a variety of projects involving laboratory experiments, fieldwork, GIS and terrain analysis, and sediment transport data synthesis and modeling.

The SeD and WET Labs are a part of the Utah Water Research Laboratory, a large and highly collaborative research center focused on solving water problems within Utah and globally. The Civil & Environmental Engineering department's Water Program offers an exceptional collection of research expertise with over 10 faculty actively working in water research. Across campus USU boasts a remarkable collection of hydrologists (10) and geomorphologists (7) producing an abundance of exceptional research opportunities.



Where – Utah State University is located in Logan Utah, a rapidly growing midsized city within the picturesque Cache Valley an hour and a half drive from Salt Lake City and a half days drive from eight spectacular national parks. The mountains surrounding Logan offer exceptional access to year-round outdoor activities within the Uinta-Wasatch-Cache National Forest. If your hobbies involve the outdoors, then Logan is a great place to live.

All are welcome – The SeD & WET Labs welcome people of all races, ethnicities, national origins, gender identifications, sexual orientations, and disability statuses, and we particularly encourage prospective fellows from underrepresented groups to apply. The Utah Water Research Lab provides an academically enriching environment and we strive to provide a supportive climate so that all members of our group can succeed and thrive.

If you are interested or would like more information – For consideration or additional information, please contact Colin Phillips (colin.phillips@usu.edu) and include a copy of your CV/Resume. People interested in applying should have (1) attained or will attain their Ph.D. in a relevant field by the time of employment, and (2) be highly motivated to conduct research at a high level including leading research projects from ideation to publication. Review of applications will begin immediately and continue until the position is filled.