



Post-Doctoral Position

Ecohydrological/Climatic Aspects of Utah's Water Systems

The iUTAH (**innovative Urban Transitions and Aridregion Hydro-sustainability**) project anticipates hiring 2-4 postdoctoral fellows in the coming year. At least one individual will work with iUTAH hydrologists, ecologists, climate scientists, social scientists, planners, and engineers in Focus Area 1. All applicants must be comfortable working with large real-time datasets to answer ecohydrological questions. In this announcement, we seek postdoctoral applicants to work with faculty on one or more of the following topics:

- Coupled processes in mountain aquatic/terrestrial ecology
- Urban eco-hydrology and/or hydro-ecology
- Ecosystem processes along montane through urban transitions
- Coupled regional climate and urban climate modeling

See <http://iutahepscor.org/opportunities.html> for information on all four available positions.

The successful candidate will become a post-doctoral associate at either Brigham Young University, Utah State University or University of Utah. Postdoctoral positions are expected to be 2-year appointments. However, the position has an initial appointment of one year, with the option of renewal for a second year, subject to satisfactory progress and the availability of funds.

Expected Background: Applicants should hold a Ph.D. in biology, ecology, hydrology, climate science, natural resources, or a related discipline with experience relevant to one of the above topics. Priority in reviewing applications will be given to applicants who have demonstrated interest in bridging across disciplines, complement and build on existing strengths, and are amenable to training in a team setting (i.e., more than a single faculty mentor).

Larger Project: The iUTAH Project is building an integrated research platform to study coupled human-natural water systems along a montane-through-urban gradient in three watersheds along the Wasatch Front of northern Utah. This region is experiencing unusually rapid population growth and climate models predict dramatic changes in water availability. Understanding water sustainability in this region requires an interdisciplinary approach to studying the linked biophysical, social, and engineered aspects of urban water systems. For more information about iUTAH and its faculty, please visit <http://iutahepscor.org/>.

Application Process: Applications must consist of a single PDF file, containing (in this order): cover letter, statement of research interests, curriculum vitae, and the names, expertise, and contact information of three references. Applicants may also include as a separate part of their submission separate PDFs for up to three of their peer-reviewed publications relevant to their application. For inquiries, please contact Zachary Aanderud (zachary_aanderud@byu.edu) and Dave Bowling (dave.bowling@utah.edu). Completed applications should be sent to iutepscor@gmail.com. Please indicate "Application for Postdoctoral Position iUTAH RFA1" in the subject line of the submission email. The review of applications begins on December 1, 2014. However, we will continue to receive and consider applications until the position is filled. The preferred appointment start date is mid 2015.