

## Land-Atmosphere Carbon Cycle Postdoctoral Scientists University of Utah, Salt Lake City, UT



The Global Change and Sustainability Center (GCSC, <http://environment.utah.edu/>) at the University of Utah has open positions for three postdoctoral scientists. The successful candidates will join an interdisciplinary team of Environmental Earth Scientists to investigate land-atmosphere exchange of climate-change relevant atmospheric trace gases and their stable isotopes in the western United States. The positions are focused on 1) *forest-atmosphere exchange of carbon dioxide and its isotopes*, 2) *urban trace gas emissions*, and 3) *trace gas emissions associated with drought and fire*.

These positions require a Ph.D. degree in a field of environmental earth science. Each candidate should have significant experience in land surface modeling, atmospheric modeling, or both. The desired skills include (1) use and development of state-of-the-art models of the terrestrial ecosystem or atmosphere (such as CLM, CESM, STILT, and WRF); (2) strong data analysis skills, ability to test model predictions against observations, and use observations to guide model improvement and development; (3) demonstrated computer programming skills, (4) excellent oral and written communication; and (5) ability to work in an integrated team environment. The postdocs will have the opportunity to participate with a cohort of environmental science postdocs in a formal Postdoctoral Mentoring Program run by the GCSC.

The positions are based at the University of Utah (<http://www.utah.edu/>) in Salt Lake City, and will involve interaction with Oak Ridge and Lawrence Berkeley National Laboratories, and/or Arizona State University (depending on position). The University of Utah is ranked among the top research institutions in the nation by the National Science Foundation and is home to more than 30,000 students and 18,000 employees. Salt Lake City is a sunny Western city with outstanding cultural and outdoor recreational opportunities, including “the greatest snow on earth!” The University of Utah is an Equal Opportunity/Affirmative Action employer and educator. Minorities, women, and persons with disabilities are strongly encouraged to apply. Veterans preference. For additional information: <http://www.regulations.utah.edu/humanResources/5-106.html>.

An application for one of these positions should include a Curriculum Vita, Statement of Research Background and Interests, and names and contact information for three individuals who can provide professional letters of support. Applications should be submitted via email to Dr. Dave Bowling (see below), and will be reviewed beginning **Sept 15 2013**. Positions will remain open until filled. Start dates are flexible beginning January 1, 2014. The positions offer a competitive salary, a medical benefits package, and travel support for work at partner institutions.

For more information contact

Dr. Dave Bowling  
Associate Professor  
Dept. of Biology, University of Utah  
[david.bowling@utah.edu](mailto:david.bowling@utah.edu)