

DRI is accepting applications for  
**Postdoctoral Fellow**  
**Remote Sensing of Mountain Ecohydrology**  
Reno, NV Campus



Division of Hydrologic Sciences

The Division of Hydrologic Sciences at the Desert Research Institute (DRI) is accepting applications for a Postdoctoral Fellow in Remote Sensing of Mountain Ecohydrology to investigate snow-vegetation interactions and mountain hydrology. The project will integrate ground-based field measurements with NASA airborne and satellite remote sensing datasets at sites in the Sierra Nevada and Rocky Mountains. The position has the potential for field work that would take place in remote snowy conditions if the selected candidate was interested in participating.

This position will be based at DRI's Reno campus and University of Nevada, Reno with Dr. Rina Schumer (DRI) and Dr. Adrian Harpold (UNR) being the supervisors. Details on Dr. Harpold's research program can be found here: <https://naes.unr.edu/harpold/>.

The fellowship provides two years of salary coverage contingent upon successful progress in year 1 and include 15% release time to pursue independent research. The start date for this position will be no later than January 15, 2017.

#### CONDITIONS OF EMPLOYMENT:

- The individual who is offered and accepts this position must provide, within 30 working days of his/her start date, a copy of the transcript(s) of the highest degree he/she has acquired, as awarded by an accredited institute as recognized by the United States Department of Education and/or the Council on Higher Education Accreditation (CHEA).

#### REQUIRED QUALIFICATIONS:

- Ph.D. in hydrology or related discipline from an accredited institution, PhD's conferred by December 31, 2016 will also be considered
- Expertise and interest in hydrology, meteorology, and environmental science
- Experience in programming languages such as Python, R, or Matlab Experience working with remote sensing data, in particular hyperspectral and LiDAR
- Strong quantitative skills
- Evidence of the ability to participate in and coordinate collaborative research
- Ability to develop research proposals and participate in grant writing and peer reviewed publications.
- Ability to work independently to fulfill project goals and meet project deadlines
- Excellent verbal and written communication skills

#### PREFERRED QUALIFICATIONS

- Experience with software such as ENVI or LasTools

#### SALARY / BENEFITS

Salaries are competitive and commensurate with qualifications, with continued appointment (assessed annually for up to a maximum of two years, depending on continuation of funding) being dependent upon performance and availability of funding. This position is eligible for DRI's benefits package and relocation assistance. For detailed information, visit our website at <http://www.dri.edu/careers/employee-benefits>.

**Visit us at <http://jobs.dri.edu/postings/191> for complete details and to apply. To ensure full consideration, your application package should be received by November 6, 2016.**