

From: Quan Dong
Subject: Postdoc, Hydroscape Ecology, Fort Collins

We are recruiting a postdoc. Below is the announcement. We'll start to screen candidates on Nov 14.

Department of Civil and Environmental Engineering
Colorado State University

Postdoctoral Fellow

Colorado State University's environmental science and engineering research programs have been ranked No. 7 worldwide by the Academic Ranking of World Universities. The Department of Civil and Environmental Engineering is hiring a full-time annual-contract Postdoctoral Fellow to conduct research aimed at understanding the impacts of river and floodplain modifications on hydrologic, geomorphic, and ecological processes. The position is based at the U.S. Geological Survey Fort Collins Science Center (https://urldefense.proofpoint.com/v2/url?u=https-3A__www.fort.usgs.gov&d=CwIF-g&c=Ngd-ta5yRYsqeUsEDgxhcqsYYY1Xs5ogLxWPA_2Wlc4&r=e2OJ1azRFn8ihJzb2HxZT0AqoiqLvxfeeATyN59ZLoI&m=L4AGNW2chXsgqe4-Ec8-axXGXvDb5ulftU6Sstqe6L8&s=bkjDesaYkY0TMtffQG3yeObtvzEOB-amJvFv9FF1_Kg&e=) in Fort Collins, CO.

Responsibilities: The successful candidate will collaborate on research to identify national trends and relationships between water management and shifts in hydro-ecological processes, such as links between levee construction, dam operations, channel modifications, floodplain inundation, riparian habitat, and wetland loss. The researcher will work closely with Dr. Ryan Morrison at Colorado State University and Dr. Quan Dong at the U.S. Geological Survey Fort Collins Science Center.

Qualifications: Candidates must have (1) PhD degree in hydrologic sciences, water resources engineering, geomorphology, ecology, or a closely related field; (2) Proficiency with ESRI ArcGIS 10.x; (3) Proficiency in a scripting language commonly used for data analyses, such as R or Matlab; (4) Success in publishing scientific research in peer-reviewed literature; (5) Strong presentation skills; and (6) Experience working both independently and in a team.

Preferred Qualifications: (1) Experience in geospatial analysis, environmental flows, and/or hydrodynamic modeling; (2) Record of research using national-scale datasets; (3) Strong statistical background; (4) Excellent written and verbal communication skills; and (5) Experience mentoring graduate students.

Salary and Benefits: Colorado State University provides full academic year salary and excellent benefits. Salaries are competitive and commensurate with qualifications and experience. A benefits package is included (https://urldefense.proofpoint.com/v2/url?u=http-3A__www.hrs.colostate.edu_benefits_index.html&d=CwIF-g&c=Ngd-ta5yRYsqeUsEDgxhcqsYYY1Xs5ogLxWPA_2Wlc4&r=e2OJ1azRFn8ihJzb2HxZT0AqoiqLvxfeeATyN59ZLoI&m=L4AGNW2chXsgqe4-Ec8-axXGXvDb5ulftU6Sstqe6L8&s=x5aU8TAZ5uPCFmgUAKBfL4k8s2Y96EmD6zpBCY0wENA&e=). Position has no travel funds available. Position will need to have both a state and federal background check.

Proposed Start Date: December 1, 2016, or as negotiated. Please apply here: https://urldefense.proofpoint.com/v2/url?u=http-3A__jobs.colostate.edu_postings_38702&d=CwIF-g&c=Ngd-ta5yRYsqeUsEDgxhcqsYYY1Xs5ogLxWPA_2Wlc4&r=e2OJ1azRFn8ihJzb2HxZT0AqoiqLvxfeeATyN59ZLoI&m=L4AGNW2chXsgqe4-Ec8-axXGXvDb5ulftU6Sstqe6L8&s=fr_fnzXGnAfOFEH3oejbp_j5qDr1Gxf1j1njYIBi1xk&e=

Deadline: For full consideration, please submit an application by 11:59 pm MDT November 13, 2016. Applications will be accepted until the position is filled.

To Apply: A complete application must include all the following

- A cover letter;

- A detailed curriculum vitae;
- A list of references with a minimum of three references listed – references will not be contacted without prior approval of candidates.

If you have questions about this search, please contact Dr. Ryan Morrison (Ryan.Morrison@colostate.edu, 970-419-6057) or Dr. Quan Dong (qdong@usgs.gov, 970-226-9175).

Colorado State University, with an enrollment of approximately 33,000 students, is located in Fort Collins, Colorado, a community of approximately 156,000 people located at the foothills of the Rocky Mountains about 65 miles (105 km) north of Denver. Fort Collins is routinely recognized as one of the most desirable places to live in the USA; residents enjoy an excellent school system, an expansive park and natural area program with extensive biking, hiking and walking trails, and over 300 sunny days a year. More information about Fort Collins and Colorado State University can be obtained at https://urldefense.proofpoint.com/v2/url?u=http-3A__www.visitftcollins.com&d=CwIF-g&c=Ngd-ta5yRYSqeUsEDgxhcqsYYY1Xs5ogLxWPA_2Wlc4&r=e2OJ1azRFn8ihJzb2HxZT0AqoiqLvxfeeaTyN59ZLoI&m=L4AGNW2chXsgqe4-Ec8-axXGXvDb5ulftU6Sstqe6L8&s=2uXZIKd3v-8IyW8yVerfuZMtS4bNQWrNnyKLGci2tw4&e= and https://urldefense.proofpoint.com/v2/url?u=http-3A__www.colostate.edu_visiting-2Dcampus.aspx&d=CwIF-g&c=Ngd-ta5yRYSqeUsEDgxhcqsYYY1Xs5ogLxWPA_2Wlc4&r=e2OJ1azRFn8ihJzb2HxZT0AqoiqLvxfeeaTyN59ZLoI&m=L4AGNW2chXsgqe4-Ec8-axXGXvDb5ulftU6Sstqe6L8&s=m5XL4FGGFAETaFhgIAeuUIMc7I6GbEvSk5Uj9Wofr1E&e=.

The CEE Department at CSU is recognized both nationally and internationally for its education, research, and service and outreach programs, and is ranked in the top 40 of such programs in the USA. The CEE Department consists of 36 tenured and tenure-track faculty, 16 research scientists/scholars, 27 research associates, and 11 administrative professionals. Additional information about the CEE Department can be found at https://urldefense.proofpoint.com/v2/url?u=http-3A__www.engr.colostate.edu_ce_&d=CwIF-g&c=Ngd-ta5yRYSqeUsEDgxhcqsYYY1Xs5ogLxWPA_2Wlc4&r=e2OJ1azRFn8ihJzb2HxZT0AqoiqLvxfeeaTyN59ZLoI&m=L4AGNW2chXsgqe4-Ec8-axXGXvDb5ulftU6Sstqe6L8&s=y9BatWJuFQgBj9vmjh0d2g8dlYZYBfjG5D3RMSIAEM&e=. Air quality research and teaching at

CSU spans several departments, including Atmospheric Science, Mechanical Engineering, Chemistry, Environmental and Radiological Health Sciences, Soil and Crop Sciences, and the Cooperative Institute for Research in the Atmosphere. The CSU Partnership for Air Quality, Climate, and Health serves to build community across these units, in addition to engaging key stakeholders so that our work produces beneficial impacts in Colorado, the U.S., and abroad.

Condition for Employment: Colorado State University is committed to providing a safe and productive learning and living community. To achieve that goal, we conduct background investigations for all final candidates being considered for employment. Background checks may include, but are not limited to, criminal history, national sex offender search and motor vehicle history.

Commitment to Diversity and Inclusion: Reflecting departmental and institutional values, candidates are expected to have the ability to advance the Department's commitment to diversity and inclusion.

Colorado State University is committed to providing an environment that is free from discrimination and harassment based on race, age, creed, color, religion, national origin or ancestry, sex, gender, disability, veteran status, genetic information, sexual orientation, gender identity or expression, or pregnancy. Colorado State University is an equal opportunity/equal access/affirmative action employer fully committed to achieving a diverse workforce and complies with all Federal and Colorado State laws, regulations, and executive orders regarding non-discrimination and affirmative action. The Office of Equal Opportunity is located in 101 Student Services.