

Drivers of Winter Event Nutrient Export Postdoc
University of Vermont

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Posted Jun. 22, 2020, set to expire Oct. 22, 2020

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| Job Title | Drivers of Winter Event Nutrient Export Postdoc |
| Department | Vermont EPSCoR https://epscor.w3.uvm.edu/2/ |
| Institution | University of Vermont Burlington, Vermont |
| Date Posted | Jun. 22, 2020 |
| Application Deadline | Open until filled |
| Position Start Date | Sep. 8, 2020 |
| Job Categories | Post-Doc |
| Academic Field(s) | Natural Sciences Marine/Freshwater Sciences Geology - Hydrogeology Geology - Geochemistry Geology/Geosciences - General Environmental Sciences/Ecology/Forestry Earth Sciences Chemistry - General Sciences - General |
| Job Website | https://epscor.w3.uvm.edu/2/node/5400 |
| Apply By Email | epscor@uvm.edu |

Job Description

Vermont EPSCoR is recruiting a postdoctoral associate to join our cutting-edge NSF funded research on Basin Resilience to Extreme Events (BREE). We are continuing a five-year interdisciplinary research project, which studies Lake Champlain Basin landscape, watershed and lake responses to

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extreme weather events. Policy scenarios for enhancing resilience are tested using our comprehensive Integrated Assessment Model (IAM). As a member of the BREE team, the successful candidate will participate in unique learning and professional development experiences including science communication through our program with the Alan Alda Center for Communicating Science, grant writing through workshops, and undergraduate mentorship through our summer internship program.

Drivers of Winter Event Nutrient Export Postdoc
Position ID: PDA#001

We seek a field-oriented postdoctoral researcher with expertise in nutrient biogeochemistry and catchment hydrology that is interested in studying how hydrological events cascade through soil-stream continua. Research will leverage a heavily instrumented suite of watersheds in Vermont of different landcover and focus on geochemical pathways and processes that drive nutrient export, with particular emphasis on how export pathways and processes vary between winter events (thaws and rain on snow) and growing season events. The candidate should possess expertise and/or interests related to the processing and transport of nutrients or pollutants across riparian soil corridor through river networks. Elements of particular interest include phosphorus, nitrogen and iron in both particulate and dissolved forms.

Experience working with in-situ sensors as well as advanced statistical analyses requisite for interpreting large environmental datasets are desirable. The successful candidate will be responsible for mentoring undergraduate and graduate students associated with this large cross disciplinary project, and will be expected to collaborate actively with a large group of natural and social scientists seeking to develop an integrated assessment model of the Lake Champlain Basin. With a somewhat flexible early Fall 2020 start date (9/8/2020 preferable), this will be a 2-year position with strong performance.

Please contact Andrew Schroth (Andrew.Schroth@uvm.edu) or Carol Adair (Carol.Adair@uvm.edu) for more information.

A major goal of Vermont EPSCoR is workforce development, which means that the graduate students and postdocs will be mentored for success. The preferred start date is September 8, 2020.

Applications will be considered until the position is filled.

To apply: please send CV, names and contact information for three references, and a cover letter outlining research interests, expertise and availability to epscor@uvm.edu and reference Position ID PDA#001.

Please visit <http://www.uvm.edu/EPSCoR> for more information.

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EEO/AA Policy

<http://catalogue.uvm.edu/undergraduate/aboutuniv/equalopportunity/>

The University of Vermont and State Agricultural College is committed to a policy of equal employment opportunity and to a program of affirmative action in order to fulfill that policy. The University will accordingly recruit, hire, train, and promote persons in all positions and ensure that all other personnel actions are administered without regard to unlawful criteria including race, color, religion, ancestry, national origin, place of birth, sex, sexual orientation, disability, age, positive HIV-related blood test results, genetic information, gender identity or expression, or status as a disabled veteran, recently separated veteran, active duty wartime or campaign badge veteran, or Armed Forces service medal veteran (collectively "protected veterans"), or crime victim status, as these terms are defined under applicable law, or any other factor or characteristic protected by law, and ensure that all employment decisions are based only on valid job requirements.

In addition, the University of Vermont recognizes that discriminatory harassment and sexual harassment are forms of unlawful discrimination, and it is, therefore, the policy of the University that discriminatory harassment and sexual harassment will not be tolerated. The University also prohibits unlawful harassment on the basis of other characteristics protected by law.

Further, employees and applicants will not be subjected to harassment or retaliation because they have engaged in or may engage in the following: filing a complaint or assisting or participating in an investigation regarding alleged discrimination or harassment as prohibited in the policy statement above; filing a complaint or assisting or participating in an investigation, compliance evaluation, or any other activity related to the administration of the Vietnam Era Veterans' Readjustment Assistance Act of 1974 ("VEVRAA"), Section 503 of the Rehabilitation Act of 1973 ("Rehabilitation Act"), or the Affirmative Action provisions of federal, state or local law; opposing any act or practice made unlawful by VEVRAA, requiring equal employment opportunities for individuals with disabilities, disabled veterans, recently separated veterans, other protected veterans, or Armed Forces service medal veterans; or exercising any rights under VEVRAA or the Rehabilitation Act.

Sources: Titles VI and VII of the Civil Rights Act of 1964; the Immigration Reform and Control Act of 1986; Title IX of the Education Amendments of 1972; the Equal Pay Act of 1963; the Age Discrimination in Employment Act of 1967; the Age Discrimination Act of 1975; Sections 503 and 504 of the Rehabilitation Act of 1973; the Americans with Disabilities Act of 1990; Section 402 of the Vietnam-Era Veterans Readjustment Assistance Act of 1974; Executive Order 11246; the Genetic Information Nondiscrimination Act of 2008; and the Vermont Fair Employment Practices Act, all as amended; and such other federal, state and local non-discrimination laws as may apply.

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Note: This Statement of Policy is the official University of Vermont Equal Educational Opportunity Policy Statement and supersedes all prior policy statements regarding its subject matter. It may be modified only by written statement issued by the President as Chief Executive Officer of the University or by formal action by the University of Vermont and State Agricultural College Board of Trustees. This Policy Statement is designed to express the University's intent and commitment to comply with the requirements of federal, state and local non-discrimination laws. It shall be applied co extensively with such laws, and shall not be interpreted as creating any rights, contractual or otherwise, that are greater than exist under such non-discrimination laws. Persons seeking to participate in educational opportunities offered by the University must consult position and program descriptions to determine criteria for eligibility. All such criteria shall be established in a manner consistent with the legal requirements herein referenced.

For more information on this policy, please refer to the Equal Employment Opportunity/Affirmative Action Policy Statement web page.

Contact Information

Please reference Academickeys in your cover letter when applying for or inquiring about this job announcement.

Contact Vermont EPSCoR
Vermont EPSCoR
University of Vermont
Burlington, VT 05401

Contact E-mail epscor@uvm.edu