

Assistant Professor in Environmental Geoscience

Position Details

Position Information

Position Title	Assistant Professor in Environmental Geoscience
Posting Number	F388P
Type of position	Tenure Stream
Department/Unit	Earth & Environmental Sciences
Location	Halifax

About the opportunity

Tenure Stream Position in Environmental Geoscience Department of Earth and Environmental Sciences Dalhousie University

The Department of Earth and Environmental Sciences in the Faculty of Science at Dalhousie University invites applications for a tenure stream position in Environmental Geoscience at the Assistant Professor level. The applicant must demonstrate a record of outstanding research in fields bridging Earth surface processes, human activities, and the Environment. Examples include, but are not limited to, water resources, soil and surface processes, low temperature geochemistry, and biogeochemistry. Candidates are especially welcome who investigate terrestrial and freshwater environmental change related to anthropogenic drivers, including climate change. We encourage candidates whose research integrates field-based surveys and application of numerical modelling of earth system processes. Expertise in geospatial modelling is a benefit.

The successful candidate will contribute to an innovative, interdisciplinary environment and will be expected to cooperate and work with other researchers, drawing on and building research strengths and capacity, ideally in alignment with Dalhousie's Research and Innovation Strategic Direction, and the Strategic Plan for the Faculty of Science.

Dalhousie University is committed to fostering a collegial culture grounded in diversity and inclusiveness. In keeping with the principles of employment equity and with the aim to correct historic underrepresentation, this position is restricted to candidates who self-identify in one or more of the following groups: Indigenous persons, racially visible persons, women, persons with a disability, and persons of minority sexual orientation and/or gender identity. (See <http://www.dal.ca/becounted/selfid> for definitions of these groups). All such qualified candidates are encouraged to apply; however, Canadians and permanent residents will be given priority.

Required Qualifications: Ph.D. in the field closely related to Environmental Geoscience. Eligible applicants must demonstrate exceptional research excellence and productivity, the ability to attain external grant funding for their

research program and have a strong interest and aptitude for the teaching and mentoring of students. The successful candidate will be a successful early career scientist in Environmental Geosciences and will have demonstrated ability or potential to lead multidisciplinary research teams and establish world-class graduate programme.

Additional Qualifications Desired: Post-doctoral experience, a strong track record of scholarly publications in highly regarded peer-reviewed journals, a history of securing funding to conduct research, employment of cutting-edge field and data analytical methods, and ability to provide quality mentoring and teaching to undergraduate and graduate students.

Responsibilities: The successful applicant will: develop and maintain a rigorous, externally funded research program in science research and mentor graduate students; teach introductory and higher-level courses in areas that bridge core Environmental Science with Environmental Geoscience; ability to teach geospatial modelling is a benefit; and provide inter-mural and extra-mural service to the University.

Application Instructions:

Submit the following information via Dalhousie University's PeopleAdmin system (<https://dal.peopleadmin.ca>):

- a cover letter outlining qualifications for the position;
- a curriculum vitae;
- a maximum two-page document describing the candidate's proposed research program;
- a one-page statement describing teaching philosophy and teaching interests; and
- the contact information for at least three referees with knowledge of your work and/or recognized expertise in your discipline. Letters of reference will be solicited by the Search Committee for short-listed candidates and should not be sent with the initial application.

Assessment of applications will begin on 7th November 2022 and continue until a suitable candidate is found. The appointment will be effective 1st July 2023 or as negotiated.

About the Department and University:

The Department of Earth and Environmental Sciences is a product of a recent merger between the Environmental Sciences Program and the Department of Earth Sciences and is currently in a faculty growth phase. Dalhousie University is recognized internationally for our world-class academic programs and as one of Canada's leading research institutions. Dalhousie University welcomes talented scholars to our home by the ocean and to join our mission to make a lasting impact through the discovery, advancement and sharing of knowledge. The main campus is situated in Halifax – a city known for its vibrant spirit, rich history, and scenic waterfront. Information about the Department of Earth and Environmental Sciences, current faculty, and research and teaching programmes can be found at: <https://www.dal.ca/faculty/science/earth-environmental-sciences.html>.

All qualified candidates are encouraged to apply; however, Canadians and permanent residents will be given priority.

Dalhousie University commits to achieving inclusive excellence through continually championing equity, diversity, inclusion, and accessibility. The university encourages applications from Indigenous persons (especially Mi'kmaq), persons of Black/African descent (especially African Nova Scotians), and members of other racialized groups, persons with disabilities, women, and persons identifying as members of 2SLGBTQ+ communities, and all candidates who would contribute to the diversity of our community. For more information, please visit www.dal.ca/hiringfordiversity.

Posting Detail Information

Open Date	09/27/2022
Close Date	
Open Until Filled	Yes
Quick Link for Direct Access to Posting	https://dal.peopleadmin.ca/postings/11408

Documents Needed to Apply

Required Documents

1. Résumé / Curriculum Vitae (CV)
2. Cover Letter
3. Teaching Statement
4. Research Statement
5. List of referees

Optional Documents