

GeoEnvironmental Engineer

The Department of Geological Sciences and Geological Engineering at Queen's University invites applications for a Tenure-track faculty position at the rank of Assistant Professor with specialization in GeoEnvironmental Engineering, with a preferred starting date of July 1, 2019.

Candidates must hold a completed PhD or equivalent degree in Geological or Environmental Engineering, or a closely related field. Relevant industrial or other non-academic experience is an asset. Registration as a Professional Engineer in Canada, or eligibility to acquire registration is a requirement for this position. Registration as a P.Geol. is considered an asset. The main criteria for selection are research and teaching excellence.

The Department's top priorities include: providing opportunities for junior faculty to develop a strong teaching and research profile and maintaining an environment where all faculty can thrive. Support for course development and delivery is provided by the Department and the Queen's Centre for Teaching and Learning. Support for junior faculty to develop strong research programs includes a Research Initiation Grant, grant writing workshops and review services, funding support for graduate students through the Queen's Graduate Award program, and one-to-one mentorship from senior faculty members.

The successful candidate will provide evidence of high quality scholarly output that demonstrates potential for independent research leading to peer-assessed publications and the securing of external research funding, active engagement with industry or other partnerships, and the supervision of graduate students. Willingness to work as part of a broader research team is considered an asset, which may include numerical analysis, physical modelling and experimentation, and field studies to solve Geological Engineering problems. The successful candidate will also demonstrate an awareness of and willingness to collaborate in interdisciplinary research projects and to apply their expertise to emerging opportunities.

We are especially interested in a candidate who can complement and enhance our existing expertise in one or more of the following areas: industrial waste characterisation and disposal, including underground nuclear waste, mining waste or unconventional hydrocarbon waste; impacts and mitigation of climate change; understanding flow through the subsurface, including groundwater impacts and water resource supply and protection; or other existing and emerging areas of geoenvironmental engineering concern. An understanding of mineralogical conditions and interactions, and their integration into geological model development and analysis at multiple scales, would be an asset.

The successful candidate will demonstrate strong potential for outstanding teaching contributions at both the undergraduate and graduate levels, and an ongoing commitment to academic and pedagogical excellence in support of the department's programs. The initial teaching workload for this position will include a second-year mineralogy course which is core for students in both Geological Sciences and Geological Engineering. They will contribute to field-based and GeoEnvironmental teaching at the graduate and undergraduate levels.

Candidates must provide evidence of an ability to work collaboratively in an interdisciplinary and student-centred environment. The successful candidate will be required to make substantive contributions through service to the department, the Faculty, the University, and/or the broader community. Salary will be commensurate with qualifications and experience. This position is subject to final budgetary approval by the University.

The University invites applications from all qualified individuals. Queen's is committed to employment equity and diversity in the workplace and welcomes applications from women, visible minorities, Aboriginal peoples, persons with disabilities, and LGBTQ persons. All qualified candidates are encouraged to apply; however, in accordance with Canadian immigration requirements, Canadian citizens and permanent residents of Canada will be given priority.

To comply with federal laws, the University is obliged to gather statistical information as to how many applicants for each job vacancy are Canadian citizens / permanent residents of Canada. Applicants need not identify their country of origin or citizenship; however, all applications must include one of the following statements: "I am a Canadian citizen / permanent resident of Canada"; OR, "I am not a Canadian citizen / permanent resident of Canada". Applications that do not include this information will be deemed incomplete.

A complete application consists of:

- a cover letter (including one of the two statements regarding Canadian citizenship / permanent resident status specified in the previous paragraph);
- a current Curriculum Vitae (including a list of publications);
- a statement of research interests;
- a statement of teaching interests and experience (including teaching outlines and evaluations if available); and,
- Three letters of reference to be sent directly to Dr. Jean Hutchinson, Search Committee Chair at GSGEpositions@queensu.ca.

The deadline for applications is February 22, 2019. Applicants are encouraged to send all documents in their application packages electronically as PDFs to GSGEpositions@queensu.ca, although hard copy applications may be submitted to:

Mr. Paul Bass
Department Manager
The Department of Geological Sciences and Geological Engineering
Miller Hall/ Bruce Wing
36 Union Street
Queen's University
Kingston, Ontario
CANADA K7L 3N6

The University will provide support in its recruitment processes to applicants with disabilities, including accommodation that takes into account an applicant's accessibility needs. If you require accommodation during the interview process, please contact Paul Bass in The Department of Geological Sciences and Geological Engineering, at paul.bass@queensu.ca.

Academic staff at Queen's University are governed by a [Collective Agreement](#) between the University and the [Queen's University Faculty Association \(QUFA\)](#), which is posted at <http://queensu.ca/facultyrelations/faculty-librarians-and-archivists/collective-agreement> [and at http://www.qufa.ca](http://www.qufa.ca).