

Site Investigation for Geology & Geological Engineering

Department of Geological Sciences and Geological Engineering, Faculty of Arts and Science

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 Site Investigation with a preferred starting date of July 1, 2018.

The successful candidate will develop a research program in the broad field of site investigation for characterization and prediction of the behaviour of Earth materials. The successful candidate will employ field, laboratory, and computational tools to investigate Earth materials and Earth systems. This may include the mineralogical, chemical, physical, and mechanical nature and history of Earth materials in support of the exploration for, and development and protection of water, oil, gas, aggregate and mineral resources; the mitigation of natural hazards; the safe development of surface and subsurface infrastructure; the prediction and mitigation of impacts of climate change; and/or the disposal of waste materials. We seek an individual with a strong geological and field work background who will use and develop the next generation of field tools and protocols, integrated with modern laboratory and computational analysis, to assess these aspects of Earth materials and to develop sophisticated geological model conceptualizations.

While bringing new advances in field investigation to Queen's, the successful candidate will also be expected to complement existing research strengths within the department and to integrate fieldwork and investigative developments with new or ongoing research within the Department's world-class analytical laboratories, especially the Queen's Geomechanics Laboratory, Queen's Tectonics Research Laboratory, the Queen's Facility for Isotope Research, and Geophysics and Geodesy. In keeping with the departmental strength in field learning, the successful candidate would become a leader in field teaching for Geological Sciences and Geological Engineering.

Candidates must have a PhD or equivalent degree completed at the start date of the appointment. The main criteria for selection are research and teaching excellence. Current registration as, or eligibility to register as a P.Eng. is required, and as a P.Geo., would be considered an asset.

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, as well as 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. 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. Vicki Remenda at GSGEpositions@queensu.ca.

The deadline for applications is **February 16, 2018**. Applicants are encouraged to send all documents in their application packages electronically as PDFs to Dr. Vicki Remenda at GSGEpositions@queensu.ca, although hard copy applications may be submitted to:

Dr. Vicki Remenda, Head
Department of Geological Sciences and Geological Engineering
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 Ms. Megan Rhymer, Departmental Manager, at 613-533-2597 (GSGEpositions@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>.