

DEPARTMENT OF CIVIL ENGINEERING
The Natural and Built Environment



Civil Engineering

Tenure-Track Position in Environmental Engineering

The Department of Civil Engineering in the Faculty of Engineering and Applied Science at Queen's University invites applications for a Tenure-track faculty position at the rank of Assistant Professor, with specialization in *Environmental Engineering*. The preferred start date of the appointment is July 1, 2019.

Candidates must hold a PhD in Civil, Chemical or Environmental Engineering, or a closely related field. Relevant industrial experience is an asset. Registration as a Professional Engineer in Canada, or eligibility to acquire registration is a requirement for this position. The main criteria for selection are research and teaching excellence.

Providing opportunities for junior faculty to develop a strong teaching and research profile and maintaining an environment where all faculty can thrive is our top priority. Support for course development and delivery is provided by the Department, the Queen's Centre for Teaching and Learning, the Faculty of Engineering and Applied Science, and access to a range of educational technologies as well as the Faculty Teaching and Learning Team. Support of 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, and the supervision of graduate students. The candidate will also demonstrate an ability to work as part of our highly-collaborative Environmental research team, which combines numerical analysis, physical modelling and experimentation, and field studies to solve environmental problems. Research in this area is also associated with the recently-launched Beaty Water Research Centre (BWRC), an interdisciplinary research Centre housed within the Department of Civil Engineering. The BWRC is dedicated to furthering water and environment research on water governance, water use, water resources and water quality spanning both traditional water-related disciplines as well as non-traditional and emerging disciplines (www.waterresearchcentre.ca).

We are especially interested in a candidate who can complement and enhance our existing expertise in one or more of the following areas: wastewater treatment, biomass conversion, passive and naturalized treatment systems, drinking water treatment and distribution, and/or source water protection. For example, this could include, but is not limited to, expertise in advanced treatment in drinking water and wastewater systems, fate and treatment of emerging contaminants, and characterization and monitoring of engineered water systems. The initial teaching workload for this position will include a

fourth-year water and wastewater treatment course in Civil Engineering.

The successful candidate will demonstrate a 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 also provide evidence of an ability to work in an interdisciplinary, collaborative and student-centred environment. Our programs incorporate innovative approaches to engineering education, with emphasis on professional skills development and on building a rapport with students. The successful candidate will also be expected to make substantive contributions through service to the Department, to the Faculty, to the University, and/or to the broader community. Salary is commensurate with qualifications and experience.

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 about 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 Susan Palo at susan.palo@queensu.ca.

Applicants are encouraged to send all documents in their application package electronically (either as PDFs or MS Word files) to Susan Palo at susan.palo@queensu.ca with the subject line "Application for Faculty Position", although hard copy applications may be submitted to:

Dr. Ian Moore
Department Head (Interim) and Chair, Appointments Committee
Department of Civil Engineering
Queen's University
Kingston, Ontario
Canada, K7L 3N6.

Review of applications will begin on November 15, 2018 and applications will continue to be accepted until the position is filled.

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 Susan Palo in the Department of Civil Engineering at susan.palo@queensu.ca.

Queen's historic campus is located in the heart of the vibrant Kingston community in the Thousand Islands region of South Eastern Ontario. Queen's is positioned centrally with respect to three major metropolitan areas: Toronto, Montreal, and Ottawa.

The Department of Civil Engineering at Queen's University currently has an enrolment of approximately 300 undergraduate students and over 100 graduate students. Current faculty conduct internationally recognized research in the areas of Structural Engineering, Geotechnical and Geoenvironmental Engineering, and Water Resources and the Environment. The Department actively involves industry partners in both research and teaching (see civil.queensu.ca for further details).

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

Additional information about Queen's University, which may be of interest to prospective faculty members, can be found at <http://www.queensu.ca/facultyrecruitment>.