The Department of Civil Engineering in the Faculty of Engineering and Applied Science at Queen’s University invites applications from suitably qualified candidates interested in teaching the following undergraduate course in the 2021-22 session.

Qualifications:
Minimum of a PEng. in Civil Engineering or a related field, expertise in the field relevant to the course, and appropriate teaching experience. Previous educational background and/or experience must be suited to teaching the course described below. Candidates must have excellent communication and presentation skills, as well as be capable of working as a member of a teaching team. Registration as a Professional Engineer, or eligibility to acquire registration in Canada, is an essential qualification. Prior teaching experience in project-based engineering courses and lecture-based engineering courses would be an asset. Open to Term Adjuncts only.

Teaching Requirement:
CIVL 473 Water Resources System W | 3.75

This course will present concepts and tools for designing and modelling large-scale water resources systems in urban catchments. Focus will be placed on the design and analysis of urban drainage systems and urban water supply/distribution systems at the catchment level. Hydrologic, hydraulic, and statistical modelling tools used in industry will be used to evaluate the performance of water resources systems. Topics will include: the urban water cycle, environmental considerations in master planning of drainage and water supply systems, climate change impacts on water resources systems, floodplain analysis and flood control, statistical analysis of rainfall and stochastic hydrology, continuous simulation modelling, planning and modelling of large-scale urban drainage systems, planning and modelling of large-scale water distribution systems, reliability analysis and water quality analysis of water distribution systems, and the master planning process for urban drainage and drinking water systems.

Academic Units:
Mathematics 12
Natural Sciences 0
Complementary Studies 0
Engineering Science 20
Engineering Design 12
Definitions:
Program and Course Symbols and Codes can be found at:
https://calendar.engineering.queensu.ca/content.php?catoid=10&catoid=10&navoid=266&filter%5Bitem_type%5D=3&filter%5Bonly_active%5D=1&filter%5B3%5D=1&filter%5Bcpage%5D=2#acalog_template_course_filter

The above advertised course will be taught on campus. Enrolment is expected to be approximately 50 students in CIVL 473. The successful applicant will have 100 percent responsibility for this section of the course. Winter term classes begin January 10, 2022 and end April 8, 2022 while the examination period ends on April 30, 2022. Instructors will be responsible for tracking CEAB indicators. Guidance on this process will be provided.

COVID 19 On-Campus Requirements
The Queen’s University Policy Regarding Mandatory Vaccination Requirements for In-person University Activities requires ALL Community Members, including employees, to be Fully Vaccinated against COVID-19 prior to participating in any In-person University Activities. This is a condition of employment for all employees who are required to attend University Property to perform their employment responsibilities. Individuals who cannot be vaccinated due to substantiated grounds (medical and other protected grounds under the Ontario Human Rights Code) may ask the University to validate the exemption and request an accommodation for these rare circumstances. If approved, they will be subject to additional health and safety measures.

The University invites applications from all qualified individuals. Queen's is strongly committed to employment equity, diversity, and inclusion in the workplace and encourages applications from Black, racialized/visible minority and Indigenous/Aboriginal people, women, persons with disabilities, and 2SLGBTQ+ 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.

Term Adjuncts at Queen’s University are governed by the Collective Agreement between the Queen’s University Faculty Association (QUFA) and the University, which is posted at:

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.

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: Sandra Martin at sandra.martin@queensu.ca; 613-533-6000 ext. 74226.

Applications should include a complete and current curriculum vitae, a statement of teaching experience, the names and contact details of two referees who may be contacted, and any other relevant materials the candidate wishes to submit for consideration. Applications can be submitted to the Civil Engineering Appointments Committee at the address below, or by e-mail to Sandra Martin, sandra.martin@queensu.ca.

Applications should arrive no later than October 29, 2021.

Civil Engineering Appointments Committee
c/o S. Martin