About the position:
The Department of Civil and Environmental Engineering invites applications from qualified candidates for a preliminary, tenure track appointment in Structural Engineering at the rank of Assistant Professor beginning January 1, 2018.

The Department invites outstanding candidates with expertise in any area of structural engineering. Some potential areas of expertise that may have particular synergy with existing faculty research specialties include assessment, retrofit and rehabilitation of existing structures; advanced technologies for structural engineering (new hazard-resistant devices, health monitoring, etc.); smart structures and materials; multi-hazard infrastructure protection; hybrid testing and simulation; and advanced structural computation and simulation. The Department welcomes applicants with a strong computational and/or experimental experience. The Department has a world-class strong floor facility and was recently awarded CFI funding for a multi-hazard test facility for built infrastructure protection and resilience, which includes new seismic shaking tables, computational facilities and hybrid testing controllers. The Department is also home to an NSERC CREATE in Heritage Engineering.

About the Academic Unit:
The Department offers dynamic, innovative, and cross-disciplinary undergraduate and graduate programs leading to Bachelor, Master, and Doctoral degrees in both Civil Engineering and Environmental Engineering. The Department recently introduced a new Bachelor of Engineering in Architectural Conservation and Sustainability. The Department has diverse expertise over a wide range of experimental, numerical, and analytical research areas in geotechnical, environmental, fire safety, structural and transportation engineering. Graduate programs of the department are offered through the Ottawa-Carleton Institute for Civil Engineering and the Ottawa-Carleton Institute for Environmental Engineering to provide further strength and opportunities. The intensive research enterprise in the department includes an NSERC Industrial Research Chair in Fire Safety Engineering, a Canada Research Chair in Wastewater and Public Health Engineering and a Jarislowsky Chair in Water and Global Health. The successful candidate will have access to the Department's world-class laboratories and high-performance computing facilities. Further information on the Department is available from the Web site http://www.carleton.ca/cee.

Qualifications:
Candidates must have a Ph.D., or be in the final stages of obtaining their Ph.D., in civil engineering or a related engineering discipline. The successful candidate must demonstrate potential for excellence in teaching and possess a strong commitment to research, as reflected in their publication record. The successful candidate will have the ability to develop an externally funded, high quality research program; will be committed to effective teaching at the undergraduate and graduate level; and will contribute effectively to the academic life of the Department. Synergy to establish collaborative research links with the existing members of the Department and across the University is highly desirable. Membership in a Canadian professional engineering association is required at the time of appointment or within two years of appointment.
**Application instructions:**  
Application packages comprising i) a detailed curriculum vitae, ii) a description of research accomplishments and future plans (research statement), iii) a teaching dossier (teaching statement), and iv) the names of three referees should be sent to Prof. Paul Van Geel, Chair, Department of Civil and Environmental Engineering, Carleton University as a single pdf file emailed to Paul.VanGeel@carleton.ca. Applications will be considered until the position is filled.

Please indicate in your application if you are a Canadian citizen or permanent resident of Canada.

**About Carleton University:**  
Join our intellectual and collaborative community of scholars. Carleton University is a dynamic and innovative research and teaching institution with a nationally and internationally reputation as a leader in collaborative teaching and learning, research and governance. To learn more about our University and the City of Ottawa, please visit www.carleton.ca/provost.

Carleton University is strongly committed to fostering diversity within its community as a source of excellence, cultural enrichment, and social strength. We welcome those who would contribute to the further diversification of our University including, but not limited to: women; visible minorities; First Nations, Inuit and Métis peoples; persons with disabilities; and persons of any sexual orientation or gender identity and expressions.

Applicants selected for an interview are asked to contact the Chair of the Search Committee as soon as possible to discuss any accommodation requirements. Arrangements will be made in a timely manner.

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