

Field of Specialization:	Urban Systems Engineering
Academic Unit:	Civil and Environmental Engineering
Category of Appointment:	Preliminary (Tenure-Track)
Rank/Position Title:	Assistant or Associate Professor
Start Date:	July 1, 2021
Closing Date:	Applications will be accepted until the position is filled.

About the Position:

The Department of Civil and Environmental Engineering invites applications from qualified candidates for a preliminary tenure-track appointment in Urban Systems Engineering specialized in smart, sustainable, resilient cities at the rank of Assistant or Associate Professor beginning July 1, 2021.

The Department is seeking a faculty with expertise in the area of smart, sustainable, resilient cities. The Department is particularly interested in receiving applications from candidates with demonstrated research expertise at the intersection of urban systems (e.g., buildings, geotechnique, water, solid waste, transportation, and energy); the surrounding environment (air, land, water, and ecology); and, sensing, modelling, and/or analytical methods – at any or all life-cycle stages (planning and policy, design, construction, operations, repurposing). Collaborative and leadership experience is a plus, considering the importance of the position for enhancing synergies within the Department and the breadth of research challenges in cities.

We encourage applications from candidates from groups underrepresented in Engineering and/or with experience in mentoring students from such groups.

About the Academic Unit:

The Department offers dynamic, innovative, and cross-disciplinary undergraduate and graduate programs in Civil Engineering and Environmental Engineering, and undergraduate program in Architectural Conservation and Sustainability Engineering. The Department has diverse expertise in geotechnical, environmental, fire safety, structural, building, and transportation engineering. Graduate programs of the department are offered through the Ottawa-Carleton Institutes for Civil Engineering and for Environmental Engineering to provide further strength and opportunities. The Department boasts a world-class strong floor facility, a multi-hazard test facility for built infrastructure protection and resilience, and a Jarislowsky Chair in Water and Global Health. Further information on the Department is available from the website <http://www.carleton.ca/cee>.

Qualifications:

Candidates must have a Ph.D. in civil or environmental engineering or a related discipline. The successful candidate must have a demonstrated record of or commitment to research excellence through high quality publications; have the strong ability to develop an externally funded, high quality collaborative research program; will be passionate about effective teaching with demonstrated or strong evidence of potential of teaching excellence; and contribute to the academic life of the Department.

Membership in a Canadian professional engineering association is required at the time of appointment or within three years of appointment.

Application Instructions:

Application packages comprising i) detailed curriculum vitae, ii) description of research accomplishments and future plans (research statement), iii) teaching dossier (teaching statement), and iv) names of three referees should be sent to the Hiring Committee, Department of Civil and Environmental Engineering, Carleton University as a **single pdf file** emailed to CEE.Hiring@carleton.ca. Applications will be considered until the position is filled.

Please also identify any past experiences in supporting equity, diversity and inclusion in your previous institutional environment such as in curriculum development and in supporting diverse students.

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

To see the full posting for this position, please visit <https://carleton.ca/provost/jobs/academics/>.

About Carleton University:

Carleton University is a dynamic and innovative research and teaching institution with a national and international reputation as a leader in collaborative teaching and learning, research and governance. With over 31,000 students in more than 100 programs of study, we encourage creative risk-taking, discovery, and the generation of transformative knowledge. We are proud to be one of the most accessible campuses in North America. Carleton's Paul Menton Centre for Students with Disabilities has been heralded as the gold standard for disability support services in Canada. To learn more about our university and the City of Ottawa, please visit www.carleton.ca/about.

Carleton University is 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, gender identity and/or expression. Carleton understands that career paths vary. Legitimate career interruptions will in no way prejudice the assessment process and their impact will be carefully considered.

Applicants selected for an interview are asked to contact the Chair 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.