

# Civil and Environmental Engineering (Canada Research Chair, Tier 2 in Water Quality) – Assistant or Associate Professor (Applications will be considered until the position is filled)

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The Department of Civil and Environmental Engineering at Carleton University invites applications from qualified candidates for a Tier 2 Canada Research Chair (CRC) appointment in the field of Water Quality, including drinking water treatment, surface water quality, storm water management, water quality monitoring and modelling in natural systems and water infrastructure, and other complementary areas at the rank of Assistant or Associate Professor beginning July 1, 2016. The CRC position will complement the recently announced Jarislowsky Chair in Water and Global Health.

Tier 2 Chairs are intended for exceptional emerging scholars (i.e. candidate must have been an active researcher in their field for fewer than 10 years at the time of nomination). Applicants who are more than 10 years from their highest degree (and where career breaks exist, including maternity leave, extended sick leave, clinical training, etc.) may have their eligibility for a Tier 2 Canada Research Chair assessed through the program's Tier 2 justification process. Please see the CRC website at <http://www.chairs-chaire.gc.ca/> for details and consult the website for full program information, including further details on eligibility criteria.

Candidates must have a Ph.D. in environmental or civil engineering or a related engineering discipline (e.g. chemical, biological or other) and have a strong publication record that demonstrates research excellence. The successful candidate will be expected to develop an internationally-recognized, externally-funded research program; will be committed to excellence in teaching at the undergraduate and graduate level; and will contribute effectively to the academic life of the Department. The successful candidate will be expected to initiate or participate in interdisciplinary research projects with other faculty in the Department and across the University.

The Department offers dynamic, innovative, and cross-disciplinary undergraduate and graduate programs leading to Bachelor of Engineering, Master of Applied Science, Master of Engineering, and Doctoral degrees in both Civil Engineering and Environmental Engineering, as well as a Bachelor of Engineering in Architectural Conservation and Sustainability Engineering. 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, and a Canada Research Chair in Wastewater Treatment Engineering. The successful candidate will have access to the Department's world-class laboratories and extensive computing facilities. Further information on the Department is available from the Web site <http://www.carleton.ca/cee>

The position requires membership in a professional engineering association in Canada, or ability to obtain membership within three years of appointment.

Application packages comprising i) a detailed curriculum vitae, ii) a description of research accomplishments and future plans, iii) a teaching dossier, and iv) the names of three referees should be sent to:

Prof. Paul Van Geel

Chair, Department of Civil and Environmental Engineering,

Carleton University,

1125 Colonel By Drive, Ottawa, Ontario, Canada K1S 5B6

Application packages as a single pdf file can also be emailed to [Paul.VanGeel@carleton.ca](mailto: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.

Located in Ottawa, Ontario, Carleton University is a dynamic and innovative research and teaching institution committed to developing solutions to real world problems by pushing the boundaries of knowledge and understanding. Its internationally recognized faculty, staff, and researchers provide academic opportunities in more than 100 programs of study to more than 28,000 full- and part-time students, from every province and more than 100 countries around the world. Carleton's creative, interdisciplinary, and international approach to research has led to many significant discoveries and creative work in science and technology, business, governance, public policy, and the arts.

Minutes from downtown, Carleton University is located on a beautiful campus, bordered by the Rideau River and the Rideau Canal. With over 12 national museums and the spectacular Gatineau Park close by, there are many excellent recreational opportunities for individuals and families to enjoy. The City of Ottawa, with a population of almost one million, is Canada's capital city and reflects the country's bilingual and multicultural character. Carleton's location in the nation's capital provides many opportunities for research with groups and institutions that reflect the diversity of the country.

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.

Those applicants that are selected for an interview will be requested to contact the Chair of the Search Committee as soon as possible to discuss any accommodation requirements. Arrangements will be made to accommodate requests 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.*