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| Field of Specialization: | Water Resources Engineering |
| Academic Unit: | Civil and Environmental Engineering |
| Category of Appointment: | Preliminary (tenure-track)/tenured |
| Rank/Position Title: | Canada Research Chair, Tier 2 |
| Start Date: | July 1, 2020 |
| Closing Date: | Applications will be considered until the position is filled. |

About the Position:

The Department of Civil and Environmental Engineering invites applications for a preliminary/tenured Canada Research Chair Tier 2 appointment in Water Resources Engineering at the rank of Assistant or Associate Professor beginning July 1, 2020. Appointment is conditional on the approval of the application by the CRC Secretariat.

The candidate is expected to have a strong background in water resources engineering and modelling, integrated water resources management, climate change impacts, fate and transport of contaminants including chemicals and pathogens, water security, sustainable use of water resources, collection and distribution systems, simulation and optimization of water systems and infrastructure, water and energy nexus, or other relevant or supporting fields. Outstanding candidates with expertise in water quality engineering, treatment of water and wastewater, and relevant areas may also be considered.

Tier 2 Chairs are intended for exceptional emerging researchers (i.e. candidate will typically be less than 10 years from their highest degree at the time of nomination, or more than 10 years and has experienced legitimate career interruptions), acknowledged by their peers as having potential to lead in their field. Applicants who are more than 10 years from their highest degree may have their eligibility for a Tier 2 Canada Research Chair assessed through the program's Tier 2 justification process (<http://www.chairs-chaieres.gc.ca/>). Please contact Carleton's research grants office (<https://carleton.ca/coris/>) for more information.

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

About the Academic Unit (<http://www.carleton.ca/cee>):

The Department offers dynamic, innovative, and cross-disciplinary undergraduate and graduate programs leading to Bachelor's, Master's, and Doctoral degrees in both Civil Engineering and Environmental 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 research enterprise in the department includes a Jarislowsky Research Chair in Water and Global Health. The successful candidate will have access to the Department's world-class laboratories and extensive computing facilities.

Qualifications:

Candidates must have a doctoral degree in civil or environmental engineering or a closely related discipline; a demonstrated record of research excellence through high quality publications; a commitment to research and the ability to develop an externally-funded, high quality research program; a passion for effective teaching at the undergraduate and graduate levels; and will contribute effectively to the academic life of the Department. Synergy to establish collaborative research links with the existing members of the Department, the Global Water Institute (<https://carleton.ca/gwi/>), and across the University is highly desirable. Membership in a Canadian professional engineering association is required at the time of/or within two 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 emailed as a single pdf file to the Hiring Committee at CEE.Hiring@carleton.ca.

Please identify any past experiences in supporting equity, diversity and inclusion in your previous institutional environment.

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

To help us develop our equity programs, a confidential equity and diversity self-identification survey will be sent to all applicants separately.

About Carleton University (www.carleton.ca/about):

With one of the most accessible campuses in North America, 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.

We are strongly committed to equity, diversity, and inclusion in the nomination, appointment process and in our 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 and legitimate interruptions will not 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.