



Faculté des sciences et de génie
Département de génie civil
et de génie des eaux

GÉNIE CIVIL ET GÉNIE DES EAUX (CIVIL & WATER ENGINEERING)

Professor in the field of drinking water production and wastewater treatment

More than a school, Université Laval is an entire community in the heart of Quebec City, a complete university recognized for its leadership and its culture of excellence in both teaching and research.

Job description

- Teach a wide range of undergraduate and graduate courses in water engineering.
- Develop research activities mainly in the field of drinking water production and / or wastewater treatment, and supervise graduate students.
- Participate in university operational tasks and contribute fully to departmental life.

Required qualifications

The candidate must demonstrate the potential and skills needed to achieve excellence in teaching and research. Ideally, he or she should have a solid expertise in processes for potable water production and wastewater treatment.

Knowledge related to the reuse of water, the recovery of water resources (in the context of the circular economy), the treatment of emerging pollutants, the decentralization of treatment, production and treatment in vulnerable communities (Nordic and developing countries) and adaptation to climate change are an asset.

In addition, the candidate must:

- hold a Bachelor's degree in Water Engineering (or related engineering field like civil, chemical or environmental engineering);
- have a Ph.D., or about to obtain it, relevant to the field of water engineering (or related engineering field like civil, chemical or environmental engineering);
- demonstrate strong potential to develop and conduct a high quality funded research program;
- demonstrate strong teaching interest and capability;
- demonstrate strong interest and ability to collaborate with other Department researchers;
- master the French language, both orally and in writing (or commit to acquire it; if applicable, the candidate must, within a reasonable time, without going beyond the promotion to the rank of Associate Professor, demonstrate a functional proficiency in oral and written French);
- be a member of the "Ordre des Ingénieurs du Québec" (or commit to become one in the short term).



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The selected candidate will be expected to collaborate with other researchers of the department. He (she) will have access to state-of-the-art facilities from *Laboratoire sur le développement durable des infrastructures urbaines*, funded in part by NSERC, FQRNT, the Canada Foundation for Innovation (CFI) and the Government of Quebec.

The Department of Civil Engineering and Water Engineering is composed of 22 professors working in the areas of water and environment, geotechnics, and structures and materials. The department hosts research and teaching Chairs, research centers, and internationally recognized research groups. There are two undergraduate programs, one in Civil Engineering and the other in Water Engineering. There are currently about 500 undergraduate and 200 graduate students.

Salary

Salary and rank are determined by the relevant prevailing collective agreement in view of the candidate's academic background and experience.

Position starting date: At the latest September 1st, 2022

Competition closing date: December 17th, 2021

Interested persons are asked to submit a file including: a one-page letter of motivation/presentation, a detailed curriculum vitae, a description of the field of competence (max 1 page), a presentation to clearly demonstrate that the candidate has the ability to set up an innovative teaching in the field of water engineering (max 2 pages), an outline of the proposed research program (max 4 pages) and the names and full contact details of three people who can provide references. Please submit to:

M. Paul Lessard, directeur

direction@gci.ulaval.ca

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For more information on the Department of Civil and Water Engineering, visit:
<https://www.gci.ulaval.ca/accueil/>

Valuing equity, diversity and excellence, Université Laval is strongly committed to provide an inclusive work and living environment for all its employees. For Université Laval, diversity is a source of wealth, and we encourage qualified individuals of all origins, sexes, sexual orientations, gender identities or expressions, as well as persons with disabilities, to apply.

Université Laval also subscribes to an equal access to employment program for women, members of visible or ethnic minorities, Aboriginal persons and persons with disabilities. Adaptation of the selection tools can be offered to persons with disabilities according to their needs and in complete confidentiality. In



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accordance with Canadian immigration requirements, priority will be given to qualified individuals with Canadian citizenship or permanent residency.