



Canada Research Chair (Tier I) in Sustainable Water Systems in a Changing Climate, Schulich School of Engineering

The **Department of Civil Engineering in the Schulich School of Engineering** at the University of Calgary invites applications for a **Tier I Canada Research Chair (CRC) in Sustainable Water Systems in a Changing Climate**. The Chair will be appointed at the rank of Full Professor (with tenure), they will bring a proven academic record of research excellence, impact and leadership. A successful candidate at the Full Professor level will demonstrate evidence of an outstanding track record of publications in high quality journals, evidence of securing ongoing external research funding, effectiveness in teaching, and evidence of excellent graduate student supervision.

In alignment with the University of Calgary's Eyes High strategic vision and in support of its strategic academic and research priorities of leadership, teaching and research integration, and creating a dynamic environment to promote research excellence, the Chair will actively contribute to research, teaching and curriculum development, and student/postdoc supervision. It is expected they will take a leadership role within the Department, School and the University. Service to the University, profession and community is expected. As a member and leader of the university community, the Chair will support, and contribute to, equity, diversity and inclusion and foster a positive working and learning environment.

It is expected that the successful candidate will already possess a strong research program and international recognition in the area of Sustainable Water Systems in a Changing Climate along with demonstrated ability to attract external funding to support research activities, supervise and mentor a strong research group, and provide research leadership. A demonstrated ability to teach undergraduate and graduate courses on topics related to sustainable, environmental and/or water resource engineering is required. To be eligible for consideration candidates must hold a B.Sc. in Civil or Environmental Engineering (or equivalent Engineering degree) and a Ph.D. in Engineering or a closely related discipline. All candidates must be eligible for registration as a professional engineer with the Association of Professional Engineers and Geoscientists of Alberta (APEGA).

The Chair holder's research will have a focus in one or more of the following areas with relevance to a changing climate:

1. Asset management and urban water infrastructure
2. Big data management of water systems (smart water systems)
3. Uncertainty, risk and security of water systems
4. Water, energy and food nexus

The Chair will benefit from a rich ecosystem, which includes world-class engineering scholars, a focus on entrepreneurship and innovation, and a university community that supports transdisciplinary research, partnerships and collaborations, and research and education excellence.

The Chair holder will also have a unique opportunity to engage with [Advancing Canadian Wastewater Assets](#) (ACWA). ACWA is an innovative partnership between the University of Calgary and the City of Calgary, as part of the Urban Alliance. Its goal is to advance water treatment technologies to address environmental and human health issues.

For more information please visit the [Schulich School of Engineering](#), the [Department of Civil Engineering](#), and the [Canada Research Chairs Secretariat](#).

Interested individuals are encouraged to apply by sharing the following:

- Cover letter and curriculum vitae, including the names and contact information of three referees
- Statement of research interests, accomplishments and vision (3 pages)
- Statement of teaching philosophy (2 pages)
- Statement on equity, diversity and inclusion (2 pages)

The University of Calgary is partnering with the executive search firm Perrett Laver in this process. Further information, including details of how to apply, can be downloaded at https://candidates.perrettlaver.com/vacancies/1705/tier_i_canada_research_chair_crc_in_sustainable_water_systems_in_a_changing_climate/ and quoting reference 4487. For informal inquiries, please contact Benjamin.Crase@perrettlaver.com.

Applications will be accepted through the Perrett Laver site until February 25, 2020.

The University of Calgary recognizes that a diverse staff/faculty benefits and enriches the work, learning and research experiences of the entire campus and greater community. We are committed to removing barriers that have been historically encountered by some people in our society. We strive to recruit individuals who will further enhance our diversity and will support their academic and professional success while they are here; in particular, we encourage members of the four designated groups (women, Indigenous people, persons with disabilities and members of visible minorities) to apply. All qualified candidates are encouraged to apply; however Canadians and permanent residents will be given priority. To ensure a fair and equitable assessment, we offer accommodation at any stage during the recruitment process to applicants with disabilities. Questions regarding diversity or requests for accommodation can be sent to Human Resources (hrhire@ucalgary.ca).

The University of Calgary recognizes that candidates have varying career paths and that career interruptions can be part of an excellent academic record. Candidates are encouraged but not required to provide any relevant information about their experience and/or career interruptions to allow for a fair assessment of their application. Selection committees have been instructed to give careful consideration to, and be sensitive to the impact of career interruptions, when assessing the candidate's research productivity.

To learn more about academic opportunities at the University of Calgary and all we have to offer, view our [Academic Careers website](#). For more information about the Schulich School of Engineering visit [Careers in the Schulich School of Engineering](#).

About the University of Calgary

The University of Calgary is Canada's leading next-generation university – a living, growing and youthful institution that embraces change and opportunity with a can-do attitude. Located in the nation's most enterprising city, the university is making tremendous progress on its Eyes High journey to be recognized as one of Canada's top five research universities, grounded in innovative learning and teaching and fully integrated with the community it both serves and leads. The University of Calgary inspires and supports discovery, creativity and innovation across all disciplines. For more information, visit [ucalgary.ca](#).

About Calgary, Alberta

Calgary is one of the world's cleanest cities and has been named one of the world's most livable cities for years. Calgary is a city of leaders - in business, community, philanthropy and volunteerism. Calgarians benefit from a growing number of world-class dining and cultural events and enjoy more days of sunshine per year than any other major Canadian city. Calgary is less than an hour's drive from the majestic Rocky Mountains and boasts the most extensive urban pathway and bikeway network in North America.

Posting Date: January 08, 2020

Closing Date: February 25, 2020