

The **Department of Civil Engineering** at the **University of Manitoba** invites applications for a 4-year **term position** at the **Assistant Professor** level in the area of **hydrology (Position 18235)** with a start date of January 1, 2019.

The successful candidate: 1) must hold undergraduate and doctoral degrees in Civil Engineering or a related area; 2) must be registered or eligible for registration as a member of Engineers Geoscientists Manitoba; 3) will be expected to develop and teach civil engineering courses at the undergraduate and graduate levels; 4) will be expected to establish an externally funded and sustainable research program; and 5) must possess excellent communication and leadership skills.

We are particularly interested in candidates who complement existing expertise in the department and who have a demonstrated record of research and publications in the area of **stochastic hydrology**, with applications or expertise in one or more of the following: **climate change impacts, statistical and dynamical downscaling, ensemble flood forecasting, drought estimation, hydrometeorology, stochastic and statistical streamflow modelling, and hydropower production**. The Water Resources Engineering Group constitutes a core portion of the Civil Engineering Department and has established collaborations both within the Department and Faculty and with external industry and other Canadian research networks. Its funding comes from NSERC, the Province of Manitoba, the City of Winnipeg, Manitoba Hydro, and other industries. The Water Resources Engineering Group hosts the NSERC/Manitoba Hydro Industrial Research Chair in River Ice Engineering, a state of the art hydraulics research and testing facility that includes state-of-the-art teaching laboratories, and is at the forefront of the development of Canadian regional isotope sampling network and coupled isotope hydrologic modeling in Canada.

The Department of Civil Engineering (www.umanitoba.ca/civil) has twenty one faculty members, twelve support staff, and approximately two hundred and seventy undergraduate and one hundred and thirty graduate students. One third of faculty members and support staff, and twenty percent of students are female.

The University of Manitoba is a research-intensive university. From its two campuses in Winnipeg, the university serves all parts of the province, including inner city and suburban areas, rural and northern communities, and attracts students from all population groups and walks of life.

The University of Manitoba is committed to creating a diverse and inclusive workplace. Applications are encouraged from qualified applicants including members of visible minorities, Aboriginal peoples, persons with disabilities and people of all sexual orientations and genders. All qualified candidates are encouraged to apply; however, Canadian citizens and permanent residents will be given priority.

Review of applications will begin **July 1, 2018**, and will continue until the positions are filled. Applicants are invited to submit a cover letter, curriculum vitae, a statement of research and

teaching interests, three samples of publications, and names and contacts of three references. Applications must be submitted by email to hyd18235@umanitoba.ca. Please combine all documents in **one Adobe Acrobat (pdf) file** and indicate the position 18235 on all correspondence.

Enquiries about this search should be directed to the Search Committee Chair:

Dagmar Svecova, PhD, P.Eng.
Professor and Head,
Department of Civil Engineering
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Application materials and letters of reference will be handled in accordance with the protection of privacy provisions of "*The Freedom of Information and Protection of Privacy*" (Manitoba). Please note that any submitted curriculum vitae will be made available to participating members of the search process.