

Field of Specialization:	Engineering and Northern Development
Academic Unit:	Civil and Environmental Engineering
Category of Appointment:	Preliminary (Tenure-Track)
Rank/Position Title:	Assistant or Associate Professor
Start Date:	July 1, 2021
Closing Date:	Until position is filled.

About the Position:

The Department of Civil and Environmental Engineering invites applications from qualified candidates for a preliminary tenure-track appointment in Engineering and Northern Development at the rank of Assistant or Associate Professor beginning July 1, 2021.

The candidate will be expected to have technical capacities to engage in research supporting the convergent problems of resource industry sustainability, northern development, and resilient infrastructure for northern communities in a changing climate. In-line with the Calls to Action of the Truth and Reconciliation Commission, training of indigenous students and professionals, and respectfully interacting with northern communities to increase Northern Canada’s technical knowledge base will be an important component of this position.

The research focus should complement existing strengths in the department. Research areas may include but are not limited to: buildings, transportation corridors, and other infrastructure in zones of climate- driven permafrost thaw; mine site reclamation; soft soil engineering; and water-permafrost- infrastructure interactions. Expertise in monitoring soils and infrastructure in the field would be desirable. Experience and/or a strong interest in working in Northern Canada and with Indigenous communities would be an asset.

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

About the Academic Unit:

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. The Department hosts a Jarislowsky Research Chair in Water and Global Health.

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. Further information on the Department is available at <http://www.carleton.ca/cee>

Qualifications:

Candidates must have a doctoral degree in Civil Engineering, or a related field. They would have a demonstrated record of research excellence through high quality publications. The successful candidate will have a commitment to research and the ability to develop an externally-funded, high quality research program; will be passionate about effective teaching in the civil engineering program with demonstrated or strong evidence of potential of teaching excellence; and will contribute effectively to the academic life of the Department. Synergy to establish collaborative research links with the existing members of the Department and across the University is highly desirable. Likely opportunities for collaboration include the Department's ongoing research programs on resource industry sustainability, Carleton's Northern Studies program, and the NSERC Strategic Network PermafrostNet.

Membership in a Canadian professional engineering association is required at the time of or within three 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 sent to the Hiring Committee, Department of Civil and Environmental Engineering, Carleton University as a single PDF file emailed to CEE.Hiring@carleton.ca. Applications will be considered until the position is filled.

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

Please also identify any past experiences in supporting equity, diversity and inclusion in your previous institutional environment such as in curriculum development and in supporting diverse students.

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

To see the full posting for this position, please visit <https://carleton.ca/provost/jobs/academics/>.

About Carleton University:

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. To learn more about our university and the City of Ottawa, please visit www.carleton.ca/about.

Carleton University is 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, gender identity and/or expression. Carleton understands that career paths vary. Legitimate career interruptions will in no way prejudice the assessment process and their impact will be taken into careful consideration.

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.