Academic unit: Civil and Environmental Engineering
Category of appointment: Preliminary (Tenure-Track)
Field of specialization: Air Quality
Rank/Position title: Assistant Professor
Start date: As early as January 1, 2018
Closing date for applications: Consideration of applications will begin March 31, 2017 and continue until the 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 Air Quality at the rank of Assistant Professor as early as January 1, 2018.

The successful candidate must demonstrate potential for excellence in teaching and research in the general area of air quality and air pollution engineering with expertise related to one or more of the following areas: air quality impacts related to climate change; air quality characterization and assessment; air pollution impact assessment; air quality modelling; and novel air pollution and emission control technologies for industrial and mobile sources.

The Department offers dynamic, innovative, and cross-disciplinary undergraduate and graduate programs leading to Bachelor of Engineering, Master of Applied Science, Master of Engineering, and Doctoral degrees in both Civil Engineering and Environmental Engineering, as well as a Bachelor of Engineering in Architectural Conservation and Sustainability 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 and in heritage conservation and sustainable building design. Within environmental engineering, the department has expertise in clean air, clean water, clean soil and clean energy.

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 intensive research enterprise in the department includes a Canada Research Chair in Wastewater Treatment Engineering and an NSERC Industrial Research Chair in Fire Safety Engineering. The successful candidate will have access to the Department’s world-class laboratories and computing facilities. Further information on the Department is available from the Web site http://www.carleton.ca/cee

Qualifications:
Candidates must have a Ph.D., or be in the final stages of obtaining their Ph.D., in environmental engineering or a related engineering discipline. The successful candidate must demonstrate potential for excellence in teaching and possess a strong commitment to research, as reflected in their publication record. The successful candidate will have the ability to develop an externally-funded, high quality research program; will be committed to effective teaching at the undergraduate and graduate level; and will contribute effectively to the academic life of the Department. Synergy to establish collaborative research links with existing members of the Department and Faculty and with industry is critical. The position requires membership in a professional engineering association in Canada, or ability to obtain membership within three years of appointment.
Application instructions:
Application packages comprising i) a detailed curriculum vitae, ii) a description of research accomplishments and future plans (research statement), iii) a teaching dossier (teaching statement), and iv) the names of three referees should be sent to Prof. Paul Van Geel, Chair, Department of Civil and Environmental Engineering, Carleton University as a single pdf file emailed to Paul.VanGeel@carleton.ca. The hiring committee will start to review applications March 31, 2017 and will continue to review applications until the position is filled.

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

About Carleton University:
Join our intellectual and collaborative community of scholars. Carleton University is a dynamic and innovative research and teaching institution with a nationally and internationally reputation as a leader in collaborative teaching and learning, research and governance. With over 28,000 students, 850 academic faculty, and 2,000 staff and more than 100 programs of study, we encourage creative risk-taking enabling minds to connect, discover and generate transformative knowledge. Located in Ottawa, Ontario, Canada’s capital city has a population of almost one million and reflects the country’s bilingual and multicultural character. Carleton’s location in the nation’s capital provides many opportunities for scholarship and research with groups and institutions that reflect the diversity of the country. To learn more about our University and the City of Ottawa, please visit www.carleton.ca/provost.

Carleton University is strongly 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 or gender identity and expressions.

Applicants selected for an interview are asked to contact the Chair of the Search Committee 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.