



## **Boundary-Layer Processes and their Links to Sustainability**

The Department of Atmospheric and Oceanic Sciences at McGill University is seeking outstanding applicants for a tenure-track Assistant Professor position in boundary-layer meteorology. The successful applicant will develop an active research program, supervise graduate students, and teach a variety of the department's graduate and undergraduate courses. A relevant doctoral degree in physical sciences or engineering is required.

The successful candidate is expected to pursue research in various aspects of the planetary boundary layer, including but not limited to its turbulent dynamics, radiation, chemistry and/or moist processes, employing observations, modelling and/or theory. Of particular interest are topics related to sustainability, such as renewable energy production, urban meteorology, and land—atmosphere exchange. This position will strengthen McGill's leadership in the science of weather, oceans, climate, and air quality. It also forms an integral part of McGill's strategic priorities in the areas of environment, infrastructure planning and engineering, and health, as well as McGill's goal to be a leading institution for sustainable development. For more information on the McGill Sustainability Systems Initiative see <https://www.mcgill.ca/mssi/>

The Department of Atmospheric and Oceanic Sciences has strong ties with the Departments of Mathematics and Statistics, Chemistry, Chemical Engineering, Civil Engineering and with the Earth System Science program. Candidates will benefit from fostering natural links within the department and with other McGill departments and faculties, as well as meteorological and oceanographic research institutions in the Montreal area. Access to high-performance computing is available through Compute Canada.

McGill University is an English-speaking university located in Montreal, one of North America's most cosmopolitan cities. For more information about McGill University and the Department of Atmospheric and Oceanic Sciences, please see <http://www.mcgill.ca/meteo>.

Qualified candidates are invited to submit an application, including a *curriculum vitae*, a statement of research interests, a statement of teaching interests, and names and contact information for three references. Following a preliminary screening, we will contact the references directly. Applications can be sent via email in pdf format to [careers.aos@mcgill.ca](mailto:careers.aos@mcgill.ca) or by post to Dr. Daniel Kirshbaum, Chair, Department of Atmospheric and Oceanic Sciences, McGill University, 805 Sherbrooke Street West, Montreal, QC H3A 0B9, Canada (Telephone: 1-514-398-3760).

The preferred starting date for this position is 1 August, 2020. Review of the applications will begin in early January 2020, and continue until the position is filled.

*McGill University, is committed to equity and diversity within its community and values academic rigour and excellence. We welcome and encourage applications from racialized persons/visible minorities, women, Indigenous persons, persons with disabilities, ethnic minorities, and persons of minority sexual orientations and gender identities, as well as from all qualified candidates with the skills and knowledge to engage productively with diverse communities.*

*All qualified applicants are encouraged to apply; however, in accordance with Canadian immigration requirements, Canadians and permanent residents will be given priority. More information can be found at: <https://www.mcgill.ca/apo/academic-life-cycle/tenure-track-academic-staff-professors-and-librarians/recruitment>*