



Assistant Professorship in Aviation

The Department of Geography and Environmental Management in the Faculty of Environment at the University of Waterloo invites applications for a tenure track position at the rank of Assistant Professor in aviation beginning 1 July 2023. In the case of an exceptional candidate, an appointment at the rank of Associate Professor will be considered.

Applications are invited from aviation scholars and educators, with preference towards those with research or professional expertise associated with aviation sustainability. The successful candidate must have a PhD in aviation, geography, sustainability, management, economics, engineering, or another discipline related to aviation.

Duties include research, teaching in the undergraduate Aviation Program as well as graduate level teaching and research supervision in the Department of Geography and Environmental Management. The ability to develop and teach an array of traditional and on-line courses is required. Evidence of an active research program is required within aviation planning and management (air traffic/fleet management, market analysis/demand forecasting, airport operations and planning, aviation policy), human factors (safety, education and training methods, flight physiology, and diversity and inclusion), or the applications of emerging air mobilities (remotely piloted aircraft systems, electric aircraft, advanced air mobility). A research focus aligned with aviation sustainability is desirable, including the low carbon transition, sustainability policy and monitoring.

The University of Waterloo is one of Canada's leading universities with over 40,000 full and part-time students in undergraduate and graduate programs. The Department of Geography and Environmental Management is one of the top five academic units for Geography in Canada and is home to three Canada Research Chairs, three University Research Chairs and undergraduate programs in Geography and Aviation, Geography and Environmental Management, Climate and Environmental Change, and Geomatics. The department benefits from close relationships with many research groups on campus including the newly established Waterloo Institute for Sustainable Aeronautics, the Climate Institute, the Waterloo Artificial Intelligence Institute, and the Water Institute. The University of Waterloo is home to Canada's largest undergraduate aviation programs, with more than 300 pilots-in-training, as well as a vibrant student community supported by the University of Waterloo Aviation Society.

The salary range for this position at the rank of Assistant Professor is \$90,000 to \$110,000. Negotiations beyond this salary range will be considered for exceptionally qualified candidates.

The closing date for applications is **31 December 2022**. Three letters of reference will be requested for applicants invited for an interview. Candidates are asked to submit the following for consideration: curriculum vitae, cover letter, teaching, and research statements, and up to five peer-reviewed journal articles illustrating the scope of research scholarship to: Dr. Susan Elliott, Chair, Department of Geography and Environmental Management, Faculty of Environment, University of Waterloo, Waterloo, Ontario N2L 3G1 Canada. The package may be submitted electronically to gemchair@uwaterloo.ca.

The University of Waterloo acknowledges that much of our work takes place on the traditional territory of the Neutral, Anishinaabeg and Haudenosaunee peoples. Our main campus is situated on the Haldimand Tract, the land granted to the Six Nations that includes six miles on each side of the Grand River. Our active work toward reconciliation takes place across our campuses through research, learning, teaching, and community building, and is centralized within our Indigenous Initiatives Office (<https://uwaterloo.ca/human-rights-equity-inclusion/indigenouisinitiatives>).

The University values the diverse and intersectional identities of its students, faculty, and staff. The University regards equity and diversity as an integral part of academic excellence and is committed to accessibility for all employees. The University of Waterloo seeks applicants who embrace our values of equity, anti-racism and inclusion. As such, we encourage applications from candidates who have been historically disadvantaged and marginalized, including applicants who identify as Indigenous peoples (e.g., First Nations, Métis, Inuit/Inuk), Black, racialized, people with disabilities, women and/or 2SLGBTQ+).

The University of Waterloo is committed to accessibility for persons with disabilities. If you have any questions regarding the position, the application process, assessment process, or eligibility, please contact Dr. Susan Elliott at gemchair@uwaterloo.ca.

All qualified candidates are encouraged to apply; however, Canadians and permanent residents will be given priority.

Three reasons to apply: <https://uwaterloo.ca/faculty-association/why-waterloo>
