Job Number:	J0922-1794
Job Type:	Tenure-track
Job Category:	Academic
Faculty:	Faculty of Arts
Department:	Geography, Environment and Geomatics
Union:	The Association of Professors of the University of Ottawa (APUO)
Deadline:	15th November but applications will be accepted until the position is filled

Spatial Data Science for the Anthropocene (tenure track)

The Department of Geography, Environment and Geomatics at the University of Ottawa invites applications for a tenure-track Assistant Professor position in Spatial Data Science for the Anthropocene. We are interested in candidates who investigate the human and/or biophysical implications of environmental change using machine learning, including AI and big data. The successful candidate is expected to develop an externally funded research program with strong connections to industry, government, and/or relevant end-users (stakeholders / rightsholders) while contributing to undergraduate and graduate programs. Preference will be given to candidates who can teach courses related to applied geomatics, spatial data science, machine learning and AI. The successful candidate will receive start-up funding from the Faculty of Arts.

The successful applicant will join an innovative and collaborative department of sixteen full-time professors with expertise in a wide range of fields, including climate change, environmental and community impacts, cold regions (human and biophysical), urban environments, culture and sustainability, geomatics, spatial data analysis, and AI. Our department maintains close collaborations with researchers in other departments at uOttawa, and those at nearby universities and government, and offers BA, BSc, MA, MSc and PhD programs. The Faculty of Arts maintains three computer teaching labs and two fully equipped physical geography laboratories. Position expected to start July 1, 2023.

Title of the Position: Assistant Professor

Duties: The responsibilities include: 1) establishing and maintaining a robust, externally-funded research program; 2) supervising graduate students; 3) teaching undergraduate and graduate courses that contribute to the programs in the department; and 4) performing an active role within the department by contributing to administrative and academic activities of the department and faculty.

Terms: Tenure-track position

Wage: Salary scale for an assistant professor rank starts at $89,622 (as of May 1, 2023).

Benefits Package: The University of Ottawa provides a complete benefits package which includes long-term disability, basic group life insurance, supplementary health insurance, University of Ottawa Pension Plan and optional life insurance, as well as relocation expenses.

Location of Work: Department of Geography, Environment and Geomatics, University of Ottawa, 60 University Private, Ottawa, ON K1N 6N5

Contact Information:

Dr. Michael Sawada, Chair, Hiring Committee, Department of Geography, Environment and Geomatics, University of Ottawa, Ottawa ON, K1N 6N5.

E-mail: Michael.Sawada@uottawa.ca

Required Skills: The successful candidate will be a scholar in **Spatial Data Science for the Anthropocene** and will have the following qualifications: Ph.D. in a related discipline. Postdoctoral experience is expected. A demonstrated track record of excellence in one of the areas of spatial data science related to geography or environmental science. A commitment to teaching and graduate training. Active bilingualism in French and English will be required to receive tenure (courses and individual tutoring available for professors).

Because research grant success in Canada is influenced by demonstrating knowledge of the use of principles relating to equity, diversity, and inclusion in student training, applicants will also be evaluated on their experience and/or knowledge of these areas.

Application Deadline: Applications received by November 15, 2022 will receive full consideration but the position will remain open until filled.

Please submit a cover letter, curriculum vitae, copies of two (2) recent peer reviewed publications, a statement of teaching philosophy, a statement of research interests.

Three (3) confidential letters of recommendation, sent under separate cover, should be addressed to:

Dr. Michael Sawada, Chair, Hiring Committee, Department of Geography, Environment and Geomatics, University of Ottawa, Ottawa ON, K1N 6N5.

E-mail: Michael.Sawada@uottawa.ca

Short-listed candidates will be invited to do a research presentation in front of professors and students (likely using videoconference technology).

For more detail on our unit, please visit: Department of Geography, Environment and Geomatics | Faculty of Arts (uottawa.ca)

The University of Ottawa is a dynamic community of students, researchers, professionals, and academics in pursuit of great things. Our vision for the University of tomorrow is one that

reflects the diversity of its people, their ideas, and their identities. We believe in the power of representation, and that increasing the diversity of our faculty and staff supports this objective.

One way in which we are starting to affect change, is by promoting more inclusive practices for staff and faculty recruitment. This includes more diversified and cross-functional selection committees, the use of self-representation surveys and equity data, guarding against biases through education, policies and procedures, as well as broadening our candidate searches through agencies and community partners.

Our goal is to provide the best student experience, sustained by a campus community they can identify with. To achieve this, we are seeking academic candidates that can best represent a broad intersection of equity-deserving communities, as well as their lived experiences.

The University of Ottawa is committed to ensuring equity, diversity and inclusion in the scholarly and leadership environments of our students, staff, and faculty. Accordingly, we strongly encourage applications from Indigenous Peoples in Canada, visible minorities members (racialized persons), persons with disabilities, women, as well as from all qualified candidates with the skills and knowledge to productively engage with equitable, diverse and inclusive communities. Candidates who wish to be considered as a member of one or more designated groups are asked to complete the confidential Self-Identification Questionnaire, to be completed at the time of application. If you are invited to continue the selection process, please notify us of any particular adaptive measures you might require by contacting the Office of the Associate Vice-President, Faculty Affairs at vra.affairesprofessorales@uottawa.ca . Any information you send us will be handled respectfully and in complete confidence.

The University of Ottawa is proud of its 160-year tradition of bilingualism. Through its Official Languages and Bilingualism Institute, the University provides training to staff members and to their spouses in their second official language.