



Earth Sciences UNIVERSITY OF TORONTO

Assistant Professor – Near Surface Geophysics

The [Department of Earth Sciences](#) in the Faculty of Arts and Science at the University of Toronto invites applications for a full-time tenure stream position in **Near Surface Geophysics**. The appointment will be at the rank of Assistant Professor, with an expected start date of July 1, 2023.

Applicants must have earned a PhD in earth or environmental sciences, geophysics, physics, or a closely related discipline by the time of appointment, or shortly thereafter, with a demonstrated record of excellence in research and teaching. We seek candidates whose research and teaching interests complement and enhance our existing [departmental strengths](#). The successful candidate would be pursuing innovative research in near-surface geophysics, combining field-based and modelling approaches to topics such as hydrogeology, cryosphere science, natural hazards, archaeology, forensics, and/or other environmental aspects of critical zone science. The successful candidate will be expected to pursue impactful and independent research at the highest international level and to establish an outstanding, competitive, and externally funded research program.

Candidates must provide evidence of research excellence, which can be demonstrated by a record of publications in top-ranked and field relevant journals, the submitted research statement, presentations at significant conferences, a track record of obtaining independent research funding, awards and accolades and strong endorsements from referees of high standing.

Evidence of excellence in teaching will be provided through teaching accomplishments, the teaching dossier (with required materials outlined below) submitted as part of the application, as well as strong letters of reference. The successful candidate will be expected to contribute substantively to both graduate and undergraduate teaching in the Department.

Candidates are also expected to show evidence of a commitment to equity, diversity, inclusion, and the promotion of a respectful and collegial learning and working environment demonstrated through the application materials. Demonstration of how the candidate would bring new perspectives to the Department, experiences and meaningful plans for connecting to groups that have been historically marginalized in the geosciences are criteria that will be considered in our evaluation of excellence.

Salary will be commensurate with qualifications and experience.

The University of Toronto provides exceptional opportunities for collaborative and interdisciplinary research and teaching, and actively encourages cutting-edge scholarship. Furthermore, it offers the excitement of working with a diverse, high-achieving student population. The Department of Earth Sciences maintains a suite of modern equipment for hands-on geophysics teaching, and offers a vibrant, top-ranked Earth Sciences [graduate program](#) spanning the three campuses of the University of Toronto (including the [Department of Physical and Environmental Sciences at University of Toronto Scarborough](#) and the [Department of Chemical and Physical Sciences at University of Toronto Mississauga](#)). The successful candidate would also have ample opportunity to engage with cognate units such as the [School of the Environment, the Archaeology Centre, the Centre for Global Change Science, the Climate Positive Energy Initiative](#), or the [Faculty of Applied Science and Engineering](#). Opportunities are also available to work with a wide range of public and private organizations, groups, and institutions that reflect the region's diversity. Seen as one of the most multicultural places in the world, Toronto is a thriving cultural and intellectual hub offering an outstanding quality of life.

All qualified candidates are invited to apply online by clicking the link below. Application materials must include the following:

- Cover letter (maximum 2 pages)
- Current curriculum vitae
- A statement outlining contributions to equity, diversity and inclusion, which might cover topics such as (but not limited to): research or teaching that incorporates a focus on underrepresented communities, the development of inclusive pedagogies, or the mentoring of students from underrepresented groups (1 page)
- A research statement outlining current and future research interests (maximum 3 pages)
- Electronic copies of three most significant research publications
- A teaching dossier to include:
 - a statement of teaching interests and philosophy (maximum 2 pages)
 - any other documentation demonstrating excellence in teaching, which can include activities as a teaching assistant or course instructor, experience leading successful workshops or seminars, mentorship, outreach or conference presentation or posters, as well as teaching evaluations, course materials.

Applicants must provide the name and contact information of three references. The University of Toronto's recruiting tool will automatically solicit and collect letters of reference from each after an application is submitted (this happens overnight). Applicants remain responsible for ensuring that references submit letters (on letterhead, dated and signed) by the closing date.

Submission guidelines can be found at <http://uoft.me/how-to-apply>. Your CV and cover letter should be uploaded into the dedicated fields. Please combine additional application materials into one PDF file.

If you have any questions about this position, please contact Ampy Tolentino, Assistant to the Chair of Earth Sciences, at geol_sec@es.utoronto.ca

All application materials, including reference letters, must be received by December 15, 2022.