



The Department of Earth, Ocean and Atmospheric Sciences (EOAS) at the University of British Columbia invites applicants for a full-time, tenure-track Assistant Professor in ***Environmental Geochemistry of the Anthropocene***. We seek an innovative researcher investigating ***geochemical processes in human impacted and/or managed environments***, working to understand the response of natural geochemical cycles to anthropogenic influences. Candidates should hold a PhD in a related field, and be interested in addressing fundamental geochemical research questions relevant to contemporary environmental problems. ***All aspects of Anthropocene geochemistry are of interest, including, but not limited to:*** the distribution and pathways of metals in the environment; transport and accumulation mechanisms of pollutants in the geosphere, hydrosphere and atmosphere; geochemical “fingerprinting” of natural and anthropogenic pollutant levels, sources and sinks; and geochemical processes essential to the provision of ecosystem services.

EOAS houses state-of-the-art chemical clean laboratories and analytical instrumentation at the Pacific Centre for Isotopic and Geochemical Research (PCIGR) and at the Microbeam and X-ray Diffraction Facility. These facilities provide key analytical opportunities, and engagement with these facilities by the candidate would be desirable. UBC is also home to numerous shared-facilities open to faculty researchers, and provides access to a wide range of field sampling opportunities in terrestrial, freshwater and marine environments.

The successful candidate will be expected to develop a strong, externally funded and internationally recognized research program, successfully manage and mentor a diverse research group, and teach undergraduate and graduate courses. EOAS is dedicated to excellence in teaching, and evidence demonstrating potential teaching excellence and interest in innovative teaching methods is desirable. Candidates should possess a strong record of research productivity commensurate with their experience.

EOAS is the top-ranked and largest Earth Sciences department in Canada, with research and teaching that span all facets of the Earth system, from the core to the stratosphere (<http://www.eoas.ubc.ca/>). We seek candidates who complement existing departmental strengths and have capacity and interest in interacting across disciplines with other research groups both within and outside the department, including: the Institute for Resources, Environment and Sustainability; the Department of Chemistry; the Faculty of Land and Food Systems; the School of Population and Public Health; and the School of Public Policy and Global Affairs.

Applications should include: i) a cover letter, ii) a detailed curriculum vita, iii) a one-page summary of research interests and accomplishments, iv) a one-page outline of a potential five-year research program, v) a one-page statement of teaching philosophy, vi) three recent publications, and vii) a statement describing their experience working with a diverse student body, and contributions to creating/advancing a culture of equity and inclusion on campus or within their discipline.

Application materials should be combined into a single PDF document and be uploaded through the UBC Careers website at: [www.facultycareers.ubc.ca/34922](http://www.facultycareers.ubc.ca/34922).

In addition, the names and contact details of three referees should be entered here:

<https://www.eoas.ubc.ca/refenvironmentalgeochemistry> . We will contact your referees and ask them to



submit reference letters. It is the applicant's responsibility to ensure their referees submit their letters before (7 days after closing).

Review of applications will start October 15, 2019. The successful applicant is expected to start in July 2020 or at a date of mutual agreement. This position is subject to final budgetary approval.

Equity and diversity are essential to academic excellence. An open and diverse community fosters the inclusion of voices that have been underrepresented or discouraged. We encourage applications from members of groups that have been marginalized on any grounds enumerated under the B.C. Human Rights Code, including sex, sexual orientation, gender identity or expression, racialization, disability, political belief, religion, marital or family status, age, and/or status as a First Nation, Metis, Inuit, or Indigenous person.

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

Questions should be directed to the Search Committee Chair, Professor Raymond Andersen, by email at [raymond.andersen@ubc.ca](mailto:raymond.andersen@ubc.ca)