

Post-doc position in Earth system modelling of nature-based climate solutions

We invite applications from highly motivated PhDs with an interest in policy-relevant climate science and public outreach. The successful applicant will be part of a Microsoft-funded research project investigating the climate implications of temporary land-based carbon storage. The position will involve:

- Design, execution and analysis of Earth system model simulations
- Preparation of scientific publications
- Preparation of a public-facing report in advance of COP 26
- Organization and facilitation of virtual round-table discussions

The successful applicant will work under the supervision of both Dr. H. Damon Matthews at Concordia University in Montreal and Dr. Kirsten Zickfeld at Simon Fraser University in Vancouver, Canada and have the choice to reside at either University. Drs. Matthews and Zickfeld lead dynamic research groups with extensive expertise in Earth system modelling and climate-carbon cycle interactions, and have successfully collaborated for many years.

Funding is available for one year, with possibility of renewal for one additional year. The preferred start date is 1st August 2021.

Candidates with a PhD degree (or international equivalent) in climate science, physical geography, environmental science or related disciplines are invited to apply. Strong quantitative and computational skills, demonstrated ability to publish work in peer-reviewed journals, ability to work independently and excellent oral and written communication skills are required. Experience running an Earth system model of full or intermediate complexity is strongly desirable, as is experience working within a stakeholder-engaged research environment.

Concordia University and Simon Fraser University are strongly committed to diversity within their community and especially welcome applications from racialized persons / persons of colour, women, Indigenous Peoples, persons with disabilities, people of all sexual orientations and gender identities, and others who may contribute to the further diversification of ideas.

For consideration, please send a single pdf document containing 1) a 1-page cover letter summarizing qualifications and experience relevant to the advertised position, 2) a CV listing education, past employment, research contributions including a publication list and contact information of two academic references, and 3) a 2-page research statement outlining research interests related to the advertised position to Dr. H. Damon Matthews (damon.matthews@concordia.ca) and Dr. Kirsten Zickfeld (kzickfel@sfu.ca).

Evaluation of applications will start immediately and will continue until the position is filled.

For further information contact:

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