Graduate Student Positions in Climate Change Science

The Climate Research Lab in the Department of Geography at Simon Fraser University, led by Dr. Kirsten Zickfeld, invites applications from prospective Master’s and Doctoral students interested in pursuing research on climate change using Earth System models. Simon Fraser University is located in Metro Vancouver, British Columbia, Canada, a vibrant metropolitan area situated in a spectacular natural setting of ocean and mountains.

The successful applicants will join a dynamic group with expertise in Earth system modelling, climate dynamics and climate-carbon cycle interactions on decadal to centennial timescales. Funding is available for research in the following areas: (1) Reversibility of human-induced climate change, (2) Effects of artificial atmospheric carbon dioxide removal on the coupled climate-carbon cycle system, and (3) Carbon budgets consistent with climate targets. See https://climateresearch.ca/research/ for details.

Specific research projects will be developed in consultation with the student.

Funding is available for Master’s (2-year funding) and PhD students (4-year funding) in the form of research and teaching assistantships starting in September 2020.

Students with training in climate and atmospheric science, oceanography, earth science, physical geography, physics or related disciplines are invited to apply. Strong quantitative skills, research experience, and excellent oral and written communication skills are expected. Experience in computer programming (Matlab, R or Python) is an asset.

For consideration, please send a single pdf document containing 1) a cover letter of 1-2 pages summarizing research interests, qualifications and experience that fit the advertised position, 2) a CV listing education, past employment and research experience, skills, publications (if applicable) and contact information of 2-3 academic references, and 3) academic transcripts to Dr. Kirsten Zickfeld (kzickfel@sfu.ca).

Evaluation of applications will start December 2nd 2019 (September 2020 start) and will continue until positions are filled.

Interested students will also need to submit an application to the Department of Geography by January 22nd 2020, see http://www.sfu.ca/geography/graduate-studies/information-for-applicants/applying-to-the-program.html.

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