

MSc and PhD Positions in Marine Biogeochemistry, Oceanography and Climate at Dalhousie University

The Departments of Earth Sciences and Oceanography at Dalhousie University seek candidates for multiple, fully funded MSc and PhD projects on long-term climate impacts to the marine environment and fisheries ecology of the Northwest Atlantic Ocean. Potential projects range from late Holocene paleoceanographic reconstructions of temperature, nutrient cycling and fish abundance; analysis of historical marine climate variability; and predictive climate-biogeochemical-ecosystem modeling.

These positions leverage significant investments in ocean science at Dalhousie through the recently established *Ocean Frontier Institute*. Students will have access to state-of-the-art analytical laboratories and high-performance computing, opportunities to participate in research cruises to the Northwest Atlantic, and exposure to internationally recognized expertise in marine science. Projects will have a significant outreach, education and advocacy component through interaction with government and NGO end-users.

Prospective candidates should have completed an undergraduate degree (for MSc candidates) or masters degree or equivalent (for PhD candidates) with a minimum “A minus” average (GPA of 3.7 on a 4.3 scale). To apply, please send a cover letter, curriculum vitae and academic transcripts to any of the following prospective supervisors:

Dr. Owen Sherwood; Isotope Biogeochemistry; owen.sherwood@dal.ca

Dr. Eric Oliver; Physical Oceanography; eric.oliver@dal.ca; ecjoliver.weebly.com

Dr. Katja Fennel; Modeling; katja.fennel@dal.ca; <http://memg.ocean.dal.ca/>

Dr. Markus Kienast; Paleoceanography; markus.kienast@dal.ca;

<https://oceanbiogeochem-atdal.org>

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