Graduate school opportunity in ocean data analysis at Dalhousie University

We are looking for motivated graduate students (2) interested in the role of the ocean in global climate. Funding is available through the recently funded Ocean Frontier Institute and the students will be based either in the Department of Oceanography or the Department of Mathematics and Statistics. The student projects will use observations and numerical model outputs of the physical and chemical state of the northwest Atlantic, with an aim to unify observations and models statistically in a way that makes the most out of all available data and to generate an improved estimate of the carbon sink in the North Atlantic. Techniques to be developed will involve a combination of physical theory and statistical analyses. Familiarity with Unix, Matlab/Python and supercomputing systems would be a plus, and an undergraduate degree in Physics, Mathematics or Statistics is desirable.

The project is co-supervised by Mike Dowd (www.mathstat.dal.ca/~mdowd/) and Eric Oliver (ecjoliver.weebly.com).

If interested please e-mail Mike (michael.dowd@dal.ca) and Eric (eric.oliver@dal.ca).