MSc Opportunity in Statistics

Part of an Atlantic Climate Research Collaboration (CANSSI Atlantic/Research Nova Scotia)

About the Project: This project is part of the Atlantic Climate Research Collaboration (https://canssi.ca/canssi-atlantic/acrc/). We are recruiting 1 MSc student in Statistics at Dalhousie University to start January 1, 2024, or May 1, 2024. The studentship is full-time, based on campus at Dalhousie University.

Many regions in Nova Scotia suffer from coastal flooding, a scenario predicted to occur more frequently by recent climate change projections. These extreme events are difficult to model as they are infrequent but have far-reaching and severe societal and economic consequences. It is therefore essential to model these events to gain a better understanding of their occurrence, potential magnitude, and societal impact. In this work, a spatial model will be developed for water levels around the coast of Nova Scotia. The results of this work will be used by the other members of the collaborative team and our municipal partner.

Application process: Applicants should send a copy of their Transcript, CV, and statement of interest explaining why the applicant is interested in this project to Dr. Orla Murphy (orla.murphy@dal.ca) ahead of the application deadline.

Applicants should also review the graduate school admission requirements and apply through the Faculty of Graduate Studies https://www.dal.ca/faculty/gradstudies/apply-graduate-studies/how-to-apply.html by October 31, 2023 for a January 1, 2024 start date.

Supervision: Dr. Orla Murphy (Dalhousie), Dr. Jonathan Jalbert (Polytechnique Montréal)

Funding: This studentship is funded for 2 years by Research Nova Scotia.