MSc. Graduate Student Position in Quantitative Ecology

Institution: York University

Location: Toronto, Keele campus

Description

For a research project in environmental statistics and biodiversity we seek a highly motivated and capable MSc student, effective April 1, 2012. The project will develop a reliable and effective modeling framework for the early detection of multiple stressor on ecosystems in the Muskoka Watershed Region (Ontario): It is on the analytical arm of a multi-investigator and multi-institution interdisciplinary research initiative that is funded by the Canadian Watershed Network (CWN).

The successful candidate will develop, implement and communicate methods in statistical and computational ecosystem analyses. The position offers ample opportunity to interact with regional monitoring agencies and research biologists, and to train towards becoming a circumspect and skillful research analyst in human land use and decision support.

Required skills:

BSc degree in Mathematics & Statistics, Computer Science, or Biology/ Bioinformatics

Strong quantitative and programming skills in Matlab, GIS data management, and R Statistics, or equivalent

Ability to interact professionally with biology investigators and land management experts

Enthusiasm and self-driven versatility in applying quantitative methods to ecological problems

The position is partially financed by CWN funds. The successful candidate is expected to become a Teaching Assistant and provide effective support to undergraduate students in Mathematics and/ or Biology courses.

Interested candidates should submit a cover letter and their CV/ resume, academic transcripts to

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