

## Why have a training program focused on the Great Lakes?



*The Great Lakes* have a long legacy of interacting disturbance regimes, including nutrient pollution, chemical/biological contamination, invasive species, coastal development, and habitat loss.

*Historically*, researchers from different disciplines have examined these problems from the perspective of individual stressors, but it is becoming clear that effective solutions must be founded on a comprehensive understanding of how stressors interact, and their cumulative effects.

*The CREATE Program* will use a trans-boundary, multidisciplinary approach to integrate scientific, social, and economic dimensions, promoting direct interaction between researchers, policy makers, and the public sector.

## The CREATE Great Lakes program will:

- *Train* the next generation of market-ready professionals to assess risks from, and develop policy solutions for, multiple stressors and cumulative effects in the Great Lakes.
- *Develop* and apply solution-oriented research approaches to address the issue of multiple stressors by thinking critically and holistically under a curriculum that integrates practical and theoretical elements of the problems, emphasizing the translation of science into policy.
- *Build* a diverse knowledge bank of practical expertise through training collaborations with our project partners, academic institutions, local communities, and the public sector to promote our "learn while doing" philosophy.
- *Establish* a training program for assessing multiple stressors in the Great Lakes that can be used globally as a model in other aquatic ecosystems.

## Eligibility

- Focus on MSc and PhD students, but senior undergraduate students and post-doctoral fellows will be considered.
- Applicants must plan to work at one of the Canadian academic partner institutions with a CREATE team member.
- Students are expected to address the program's research goals by incorporating some aspect of multiple stressors and/or cumulative impacts in the Great Lakes and its watersheds in their thesis.
- Complete application instructions are available at the CREATE Great Lakes website ([www.creategreatlakes.org](http://www.creategreatlakes.org))



## CREATE Great Lakes

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For more information,  
please visit our website:

[www.creategreatlakes.org](http://www.creategreatlakes.org)

[www.twitter.com/creategreatlake](http://www.twitter.com/creategreatlake)

# CREATE *Great Lakes*



A training program  
to investigate  
multiple stressors and  
cumulative effects in  
the Great Lakes and  
its Watersheds



Funded by the National Sciences and  
Engineering Research Council of Canada