

February 26, 2021



2-Year Postdoctoral Fellowship

The Department of Civil Engineering, Queen's University at Kingston, invites applications for a 2-year postdoctoral fellowship (PDF) position in Environmental Fluid Mechanics. **The PDF will work on the numerical modelling component** of a large interdisciplinary multi-agency project.

We will combine molecular genetics (Chris Wilson/Yingming Zhao, Ontario Ministry of Natural Resources and Forestry), laboratory experiments (Josef Ackerman, University of Guelph) and numerical simulations (Leon Boegman, Queen's University; Dan Shan, Royal Military College) to discriminate larval origins, identify spawning grounds, and estimate larval production for two commercial fishery species (i.e., walleye and lake whitefish) in Lake Erie.

Qualified candidates should have a doctoral degree in a relevant subject (Engineering, Physics/Oceanography, Mathematics, Physical Sciences), working knowledge of Reynolds-averaged lake/ocean models and familiarity with Matlab. Salary to be commensurate with experience. The application should include:

- a brief statement of research interests and experience (~250 words)
- a curriculum vitae including a list of publications
- names and contact information for two academic referees.

The deadline for applications is 9 April 2021. It is anticipated the starting date for the PDF will be in late 2021. Please send your application via email to:

Leon Boegman

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Check out [COASTLINES!](https://coastlines.engineering.queensu.ca/) The Canadian Coastal and Lake Forecasting Model System
<https://coastlines.engineering.queensu.ca/>