



March 18, 2021

DEPARTMENT OF CIVIL ENGINEERING

The Natural and Built Environment

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## 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. Postdoctoral Fellowship salary is a minimum full-time equivalent no less than the minimum \$35,249, in accordance with the PSAC 901, Unit 2, Appendix A extension agreement. 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

Associate Professor & Graduate Coordinator

Department of Civil Engineering - Queen's University at Kingston, ON Canada

[boegmanl@queensu.ca](mailto:boegmanl@queensu.ca) - <https://civil.queensu.ca/Research/Hyrotechnical/Leon-Boegman/>

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

<https://coastlines.engineering.queensu.ca/>

**EMPLOYMENT EQUITY:** The University invites applications from all qualified individuals. Queen's is strongly committed to employment equity, diversity, and inclusion in the workplace and encourages applications from Black, racialized/visible minority and Indigenous/Aboriginal people, women, persons with disabilities, and 2SLGBTQ+ persons.

**ACCOMMODATION IN THE WORKPLACE:** The University has policies in place to support its employees with disabilities, including an Accommodation in the Workplace Policy and a policy on the provision of job accommodations that take into account an employee's accessibility needs due to disability. The University will provide support in its recruitment processes to applicants with disabilities, including accommodation that takes into account an applicant's accessibility needs. If you require accommodation during the interview process, please contact Dr. Leon Boegman at [boegmanl@queensu.ca](mailto:boegmanl@queensu.ca)