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Nutrient Water Quality Changes in Headwaters of the Laurentian Great Lakes

Guest Editor:

Prof. Dr. Christopher Wellen
Ryerson University, Toronto,
Canada

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Message from the Guest Editor

The central and western basin of Lake Erie, and other nearshore areas of the lower Laurentian Great Lakes, are experiencing a resurgence in eutrophication and associated symptoms of impaired water quality similarly observed in the 1960s. Some of the ecosystem health implications of these eutrophic episodes include the occurrence of nuisance and potentially harmful algal blooms, anoxia and fish death.

This Special Issue will focus on nutrient loading information from headwater agricultural sub-watersheds. We will highlight work that characterizes changes in nutrient loading over multiple temporal scales and the conditions that impact nutrient loading, such as land use, site characteristics and hydrology. The papers will present novel insights on regional nutrient modelling, nutrient impact forecasting and policy implications of the best management practices and future change.



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Special issue



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Dr. Jean-Luc PROBST

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Message from the Editor-in-Chief

In the context of global changes, the sustainable management of water cycles, going from global and regional water cycles to urban, industrial and agricultural water cycles, plays a very important role on the water resources and on their relationships with food, energy, biodiversity, ecosystem functioning and human health. *Water* invites authors to provide innovative original full articles, critical reviews and timely short communications and to propose special issues devoted to new technological and scientific domains and to interdisciplinary approaches of the water cycles. We ensure a critical review process and a quick turnaround between submission and final decision.

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Contact Us

Water Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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