

## Special Issue

# Applied Ecology Research for Water Quality Management

### Message from the Guest Editor

Applied ecology research considers fundamental ecological process and function to inform environmental policy and practice. In the field of water quality management, applied aquatic ecology provides the mechanisms, or causes-and-effects, that characterize the quality of water. Waters cannot be protected or restored without considering and accounting for ecological principles and interactions in the project planning, design, and implementation phases of such effort. Under the rapidly changing climate regime there are numerous interacting ecologies, some yet to be realized, that are increasing the uncertainty of water quality management and affecting the ability to assess the success of management effort along with the confidence that program managers can have that spent funds will result in improvements. In this special issue I am seeking contributions that bring new ecological insight to water quality management [...] For further reading, please follow the link to the Special Issue Website

at:[https://www.mdpi.com/journal/water/special\\_issues/Ecology\\_Water](https://www.mdpi.com/journal/water/special_issues/Ecology_Water)

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### Guest Editor

Dr. Christopher Nietch

U.S.EPA, Office of Research and Development, Center for Environmental Measurement and Modelling, Watershed and Ecosystem Characterization Division, Watershed Management Branch, Cincinnati, OH, USA

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### Deadline for manuscript submissions

closed (15 October 2022)



## Water

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## About the Journal

### 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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### Editor-in-Chief

Dr. Jean-Luc PROBST

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