

## Special Issue

# Aquatic Ecosystems Health Assessment Using Biological and Geospatial Analyses

### Message from the Guest Editors

Human activities affect the water resources in structural and functional dimensions. The input of anthropogenic contaminants has the potential to impact aquatic ecosystem health. Exposure to environmental contaminants can be responsible for the survival of aquatic organisms via numerous mechanisms, including their abundances, species composition and diversity as well short- and long-term toxicity. Recent advances in geotechnical tools provide innovative platforms for diagnosing environmental health problems and, when it is required, developing interventions. Geospatial analyses methods, with their focus on space and location, play a significant role in environmental health monitoring and assessment. This Special Issue invites studies focused on water ecosystem health, water bodies greatly impacted by human activities, urbanization and agriculture, as well as aquatic ecosystems in protected areas. We hope that this SI will be an opportunity to publish results based on new methods and indices for assessing ecosystem health, including geospatial analysis.

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### Guest Editors

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### Deadline for manuscript submissions

closed (20 July 2024)



## 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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