# Special Issue

# Aquatic Microalgal Biotechnology and Phylogenetic Studies

## Message from the Guest Editors

The application of algae is developing at a rapid pace, as algae are being applied in everything from materials science, to food and fuel production, and to medicines and cosmetics. The diversity of microalgal groups from which these products are produced is quite high, involving many branches across the tree of life. In addition, the uncovering of the relationships of microalgae is being fueled by the ubiquitous application of molecular methods for phylogeny reconstruction. In many cases, the properties that have lead to the utility and application of microalgae have a phylogenetic basis. This Special Issue of *Water* aims to bring together in one volume works that describe new applications of microalgae across a broad spectrum of technologies, as well as those that summarize new insights into our understanding of the evolution and relationships of these freshwater, brackish and marine groups. We encourage those who are involved in research using both approaches to look at microalgal products and biotechnology and take a phylogenetic approach to define, bioprospect and/or develop these products and resources.

## Guest Editors

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## Deadline for manuscript submissions

closed (15 March 2024)

**Water**

an Open Access Journal by MDPI

Impact Factor 3.0
CiteScore 6.0

mdpi.com/si/172239

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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.

## Editor-in-Chief

Dr. Jean-Luc PROBST
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