

Special Issue

Marine and Coastal Algae: Biodiversity, Invasive Species, and Ecosystem Conservation

Message from the Guest Editors

This Special Issue aims to provide an integrated platform for advancing our understanding of marine and coastal algal diversity, the threats posed by invasive species, and the imperatives for effective conservation measures in a rapidly changing scenario. Research focusing on invasive species—including their pathways of introduction, ecological impacts, and interactions with native communities—is particularly encouraged. Studies employing innovative tools, such as environmental DNA analyses and metabarcoding, are welcome. We also invite contributions that explore conservation strategies and management tools aimed at protecting marine and coastal ecosystems. This includes long-term monitoring programmes, restoration efforts, and modelling approaches that support informed decision-making in the context of ongoing environmental change. Overall, this Special Issue seeks to foster an integrated perspective on macroalgal diversity, ecology, and dynamics, and the necessary conservation measures to ensure the sustainability of marine ecosystems in the face of climate change and anthropogenic stressors. We look forward to your contributions!

Guest Editors

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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.

Editor-in-Chief

Dr. Jean-Luc PROBST

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