



water



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Phytoplankton Ecology and Physiology of Coastal Seas

Guest Editors:

Dr. Patricija Mozetič

National Institute of Biology,
Marine Biology Station Piran,
Fornače 41, 6330 Piran, Slovenia

Dr. Janja Francé

National Institute of Biology,
Marine Biology Station Piran,
Fornače 41, 6330 Piran, Slovenia

Deadline for manuscript
submissions:

closed (15 September 2021)

Message from the Guest Editors

Coastal seas are highly dynamic marine ecosystems where responses of pelagic and benthic communities to anthropogenic pressures are superimposed to the intrinsic natural variability of coastal seas. Phytoplankton undertakes different ecological strategies and physiological adaptations (e.g., community structure, cell size, pigment composition, photosynthetic performance, production of secondary metabolites) along environmental gradients to counteract pressures and eventually ensure ecosystem functioning.

This special issue, therefore, addresses phytoplankton time-series that unveil patterns in biodiversity, ecological and physiological features as well as changes in patterns and drivers of these changes. Articles and Reviews that are based on empirical and modeled data are welcomed.



mdpi.com/si/50223

Special issue



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Editor-in-Chief

Dr. Jean-Luc PROBST

Laboratory of Functional Ecology and Environment, Centre National de la Recherche Scientifique (CNRS), University of Toulouse, Campus ENSAT, Auzeville Tolosane, France

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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Journal Rank: JCR - Q2 (*Water Resources*) / CiteScore - Q1 (Water Science and Technology)

Contact Us

Water Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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