

Special Issue

Marine Phytoplankton Diversity

Message from the Guest Editor

Marine phytoplankton are the base of the food web due to the highly efficient process of primary production, which is critical for the biodiversity of organisms from higher trophic levels in the oceans. In one liter of seawater, we may expect millions of phytoplankton cells represented by 100–150 different species. The differentiation between species because of the challenges in microbial taxonomy and diverse species concepts has never been more challenging and under revision than it is today. In recent decades, due to the methodology development, phytoplankton diversity has received a great deal of attention. However, our general knowledge is still fragmented because of the phytoplankton distribution patchiness, size of the sunlit oceans, various sampling methods and analysis techniques, and lack of standardization of methods, traditional taxonomists, and curated collections [...] For further reading, please follow the link to the Special Issue Website at:
www.mdpi.com/journal/water/special_issues/marine_phytoplankton_diversity

Guest Editor

Prof. Dr. Zrinka Ljubešić

Sveučilište u Zagrebu, Prirodoslovno-Matematički Fakultet, Zagreb, Croatia

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Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
water@mdpi.com

mdpi.com/journal/

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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

Centre de Recherche sur la Biodiversité l'Environnement (CRBE) UMR
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