Special Issue

The Study of Plankton in the Mediterranean Sea

Message from the Guest Editors

The Mediterranean Sea is characterized by a gradient of increasing oligotrophy from the northwestern to the eastern regions. This semi-enclosed sea is characterized by complex physical dynamics, especially the thermohaline circulation, and shows considerable variability over a wide range of temporal and spatial scales. This variability is reflected in the planktonic food webs, which dominate large parts of the Mediterranean pelagic habitats. The Special Issue focuses on updated data that could be used to monitor and evaluate the significance of plankton ecology and diversity in Mediterranean Sea ecosystems. This Special Issue seeks to explore:

- new insights to improve the current knowledge of marine plankton in the Mediterranean Sea (including composition, structure and dynamics),
- plankton components and their interactions in the pelagic ecosystem,
- long-term observations and modeling analysis of plankton communities,
- the causes and effects of any changes of plankton communities in the Mediterranean Sea.

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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

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