

Special Issue

Zooplankton in Arctic Waters: Diversity, Dynamics and Ecology

Message from the Guest Editor

Arctic regions have experienced strong environmental fluctuations in the past few decades and this has led to changes in primary production and species composition, as well as top-down trophic cascade effects on aquatic ecosystems. Zooplankton assemblages are key links in marine and freshwater ecosystems, connecting primary producers with higher trophic levels. They serve as a food base for many fisheries located in sub-Arctic and Arctic regions. Zooplankton organisms are known to be effective indicators of environmental changes, including climatic impacts and anthropogenic influences. Despite recent advances in Arctic plankton research, there are many problems that remain to be solved. This Special Issue aims to improve our knowledge of Arctic and sub-Arctic zooplankton, including their biodiversity, structure, functioning, environmental impact, dynamics, the life cycles of common taxa, the impacts of anthropogenic stressors, their feeding ecology, and food web interactions. We encourage you to submit articles ranging from descriptive and case reports to experimental and interdisciplinary studies.

Guest Editor

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Deadline for manuscript submissions

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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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