

## Special Issue

# Biology and Ecology of Zooplankton: Latest Advances and Prospects, 2nd Edition

### Message from the Guest Editor

Zooplankton performs a crucial role in aquatic ecosystems, including active grazing on algae, detritus and various heterotrophs, taking part in nutrient regeneration, and providing food for fish and planktivorous organisms. Planktonic animals directly and indirectly support ecosystem services, including by clearing water through the top-down control of algae and bacteria and supporting freshwater fauna for human consumption. In recent decades, this group have been subjected to strong human forces that have generated new challenges, including synthetic pollution, eutrophication, invasions by new taxa, and physical and chemical changes in aquatic ecosystems accelerated by climate change. In this context, I invite you submit contributions for inclusion in this Special Issue. The specific topics may include, but are not limited to, the following:

- Zooplankton communities as indicators of environmental changes;
- Planktonic animals as invaders and casualties of biological invasions;
- The impact of pollution on zooplankton biology and ecology;
- The influence of catchment processes on freshwater and marine zooplankton;

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### Guest Editor

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### Deadline for manuscript submissions

closed (20 April 2025)



## Water

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### Message from the Editor-in-Chief

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### Editor-in-Chief

Dr. Jean-Luc PROBST

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