

Special Issue

Hydroacoustics in Marine, Transitional and Freshwaters

Message from the Guest Editors

There is an increasing concern around the world about the potential effects that human pressure and climate change can introduce into the environment of both marine and freshwater ecosystems. The need to increase the capacity to detect, understand, and predict these effects requires developing cost-effective, reliable, and efficient technologies, in order to enable the collection of rigorous scientific data, which would allow determining the current status of the ecosystem. We welcome contributions dealing with but not limited to the following topics:

- Fisheries' acoustics (stock assessment, spatial distributions, size distributions, etc.);
- Fish behavioral studies (predator-prey interactions, vertical and horizontal migrations, avoidance, etc.);
- Habitat mapping (including bottom sediments, macrophytes, cyanobacterial blooms);
- Applications in aquaculture;
- Ambient noise and soundscape;
- Combination of methods (comparison of acoustic results with other assessment methods);
- Technology, innovations in equipment, and data processing.

For further reading, please visit the [Special Issue Website](#).

Guest Editors

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Deadline for manuscript submissions

closed (15 December 2022)



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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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