

## Special Issue

# Underwater Acoustic Technologies for Sustainable Fisheries

### Message from the Guest Editors

Underwater acoustic technologies have rapidly emerged as indispensable tools in fisheries management and conservation efforts. Their capacity to deliver valuable insights into the behavior, migration patterns, population dynamics, and monitoring of ecosystems in relation to fish holds tremendous potential in advancing the sustainability of global fisheries. This Special Issue aims to showcase cutting-edge applications of underwater acoustic technologies across various aspects of sustainable fisheries, highlighting their importance in achieving effective management strategies. We invite researchers, scientists, and practitioners to submit original research articles and reviews that address, but which are not limited to, the following topics:

- Fisheries acoustics and echo surveys;
- Acoustic biotelemetry;
- Ecosystem monitoring;
- Fish counting and behavior monitoring;
- Aquaculture monitoring;
- Integration of artificial intelligence and autonomous systems;
- Technological challenges and future directions.

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### Guest Editors

Dr. Jianfeng Tong  
Prof. Dr. Yong Tang  
Prof. Dr. Tohru Mukai

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### Deadline for manuscript submissions

closed (30 November 2024)



## Fishes

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## About the Journal

### Message from the Editor-in-Chief

*Fishes* is a multidisciplinary open access journal focusing on reports of original research and critical reviews and synthesis from the broad area of fishes and aquatic animals. The ultimate objective of *Fishes* is to facilitate the discovery of connections between research areas, advancing science and filling knowledge gaps, and providing solutions for all present and future issues encountered in the sector of fisheries and aquaculture. As Editor-in-Chief, I encourage you to consider *Fishes* for your scientific papers and would be pleased to welcome you as one of our authors.

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### Editor-in-Chief

Prof. Dr. Maria Angeles Esteban

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