

Special Issue

Passive Acoustic Monitoring of Aquatic Animals

Message from the Guest Editor

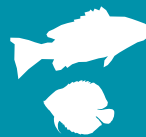
The marine realm is a vast, complex soundscape, and for aquatic mammals, sound is the primary sensory modality for communication, navigation, and foraging. Passive Acoustic Monitoring (PAM) has emerged as a transformative tool for studying these often-elusive species, offering a non-invasive, cost-effective, and continuous method for data collection. This Special Issue highlights the latest advancements and applications in this rapidly evolving field. We welcome contributions that demonstrate innovative methodologies, from the deployment of novel autonomous recording systems and machine learning algorithms for automated detection and classification, to the analysis of acoustic data for assessing population trends, behavioral ecology, and habitat use. A critical focus will also be on applying PAM to inform conservation and management efforts, particularly to mitigate anthropogenic threats such as noise pollution, ship strikes, and bycatches. By bringing together cutting-edge research, this collection aims to showcase the power of PAM to address key ecological questions and advance the protection of cetaceans and other aquatic mammals in an increasingly noisy ocean.

Guest Editor

Dr. Zhitao Wang
School of Marine Science, Ningbo University, Ningbo 315832, China

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Fishes
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
fishes@mdpi.com

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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.

Editor-in-Chief

Prof. Dr. Maria Angeles Esteban

Department of Cell Biology and Histology, Faculty of Biology, University of Murcia, 30100 Murcia, Spain

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