Special Issue

Rhythms in Marine Fish and Invertebrates

Message from the Guest Editors

Earth's organisms have evolved endogenous biological rhythms, or biological clocks, essential for adapting to environmental changes. These rhythms are particularly crucial in marine ecosystems, where habitats such as mangroves, coral reefs, bay estuaries, and deep-sea vents host diverse species. Marine organisms have specific biological rhythms suited to their unique ecological niches, with light intensity and wavelength varying significantly with ocean depth. Unlike terrestrial species, marine life is influenced by light cycles as well as the moon and tides. Thus, studying the rhythmic characteristics and regulatory mechanisms in marine organisms is of great scientific importance. This Special Issue invites original research and review articles exploring the rhythmic traits, adaptations, and regulatory mechanisms of marine fish and invertebrates. We welcome studies utilizing genomic analysis, molecular and cellular biology, neuroendocrine research, physiology, behaviorology, and ecology. This research will deepen our understanding of how environmental factors influence biological rhythms and how these rhythms have evolved to align with environmental changes.

Guest Editors

Prof. Dr. José A. Muñoz-Cueto

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Deadline for manuscript submissions

closed (20 June 2025)

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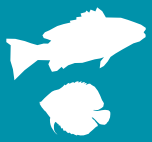

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About the Journal

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

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