Special Issue

The Three Otolith Pairs in Teleosts and Their Application in Eco-Morphological, Ecological, and Systematic Studies

Message from the Guest Editors

In recent decades, otoliths have proven to be of great scientific value in research dealing with teleost fishes' ecology, zoology, and physiology. Due to their high intra- and inter-specific variability, metabolic inertia, and growing process in daily increments of carbonate deposition, they have attracted increasing interest in population studies, eco-morphological investigations, and palaeontologic, systematic, and physiological research. The development and morphology of the three otolith pairs occur under the dual influence of environment and genetics. For this reason, they are perfect for investigating the eco-morphological adaptation of teleost fishes to different habitats and environmental pressures. This Special Issue will be focused on the current research on otoliths (papers on *sagittae* are particularly welcome, but those on *lapilli* and *asterisci* will also be gladly accepted), dealing with the exploration of eco-morphological adaptations and phenotypic plasticity in teleosts, their intra- and inter-specific variability, and population and life habit studies exploring their microchemistry.

Guest Editors

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Deadline for manuscript submissions

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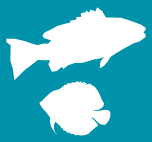

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About the Journal

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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