

Special Issue

Fish Fossils: Paleontology's Window to the Past

Message from the Guest Editor

This Special Issue aims to highlight the significance of fish fossils as key archives for understanding the evolutionary history of vertebrates, the evolution of vertebrate forms and functions, and the ecosystems they inhabited throughout evolutionary time. The fossil record, spanning over 500 million years, provides critical insights into major evolutionary transitions, such as the origins of jaws and the transition to land. We welcome contributions that leverage new discoveries and methodological innovations—including advanced imaging, geochemical analysis, and digital reconstruction—to interpret paleobiology, phylogenetic relationships, and responses to past environmental changes. We encourage submissions ranging from descriptions of new taxa and functional morphological studies to integrative research that links paleontological data with modern evolutionary developmental biology. By showcasing these diverse approaches, this Special Issue seeks to foster interdisciplinary dialogue among paleontologists, evolutionary biologists, and earth scientists, ultimately enriching our understanding of the profound role fishes have played in shaping the history of life on Earth.

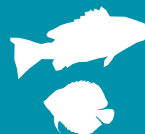
Guest Editor

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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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