Special Issue

The Hidden Network: Trophic Interactions in Marine Ecosystems

Message from the Guest Editor

Trophic interactions are a pivotal component in the marine environment and are important in understanding ecosystem structure and function. In recent decades, stable isotope analysis has been confirmed as a powerful tool to study these interactions, as it is used to provide insights into the food web structure, trophic levels, and pathways of organic matter. This approach has demonstrated versatility and robustness in capturing spatial and temporal variations, being applied in numerous fields spanning from diet reconstruction to species-specific trophic niches and from habitat use to migration patterns. We invite you to contribute to this Special Issue focusing on recent advances in the application of stable isotopes to investigate trophic relationships across diverse marine ecosystems, from coastal/marine ecosystems to the open sea. The aim of the Issue is to foster a deeper understanding of marine trophic ecology and promote the use of stable isotopes as integral tools in marine conservation and management. Research areas may include fish trophic ecology, trophic interactions between invasive and indigenous species, and habitat use.

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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