Special Issue

Life History and Population Dynamics of Marine Fish

Message from the Guest Editor

Marine fish populations are integral to the health of ocean ecosystems and to the sustainability of global fisheries. Understanding the life history traits and population dynamics of these species is critical for effective management, conservation, and the prediction of their responses to environmental changes and anthropogenic pressures. Life history characteristics, such as age and size compositions, growth, age at maturity, fecundity, and longevity, not only determine individual fitness but also shape population structure and resilience. Similarly, population dynamics provide insights into recruitment variability, mortality rates, and the complex interactions between species and their environments. This Special Issue hopes to bring together a diverse collection of research articles that explore the multifaceted relationships between life history strategies and population dynamics across a broad range of marine (including estuaries) fish species. Contributions may include empirical studies, theoretical models, and reviews that examine the life history and population dynamics of marine fish species from tropical, temperate, and polar regions.

Guest Editor

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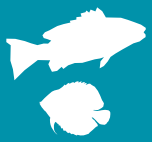

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About the Journal

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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