

## Special Issue

# Current Advances and Challenges in Fisheries and Aquaculture Science: Feature Papers for the New Journey of *Fishes*

### Message from the Guest Editors

Advances in fisheries and aquaculture science often follow the introduction of new tools or analytic methods. For example, the introduction of geographic information systems led to advances in conservation planning and in the siting of aquaculture operations. Advances in genetic marker technologies led to whole-genome sequencing and improved detection of performance- or fitness-related loci, in turn leading to advances in marker-assisted breeding and conservation planning. Among the keys to successful modern aquaculture is the adequate management of the biology of cultivated species, the introduction of technological innovations (health, facilities, food, analysis, etc.), including the monitoring of activities and impacts or increased biosecurity, as well as the development of specific foods or the improvement of sustainability and business organization. All these examples are illustrative, but not exhaustive.

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### Guest Editors

Prof. Dr. Maria Angeles Esteban

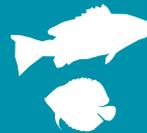
Prof. Dr. Bernardo Baldisserotto

Prof. Dr. Eric Hallerman

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### Deadline for manuscript submissions

closed (15 December 2021)



## Fishes

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CiteScore 3.0



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*Fishes*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[fishes@mdpi.com](mailto:fishes@mdpi.com)

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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.

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### Editor-in-Chief

Prof. Dr. Maria Angeles Esteban

Department of Cell Biology and Histology, Faculty of Biology, University of Murcia, 30100 Murcia, Spain

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JCR - Q1 (Marine and Freshwater Biology) Rapid Publication: manuscripts are peer-reviewed and a first decision is provided to authors approximately 20.9 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the first half of 2025).