



Impacts of Anthropogenic Stressors on Fish Physiology

Guest Editor:

Dr. Andrea Miccoli

Institute for Marine Biological
Resources and Biotechnology,
Italian National Research Council
(CNR), 60125 Ancona, Italy

Deadline for manuscript
submissions:

closed (30 June 2024)

Message from the Guest Editor

Dear Colleagues,

The anthropogenic impacts on biodiversity have been demonstrated to be especially severe, and the latest research has identified resource over-exploitation, land-use change, climate change, and pollution as major drivers of biodiversity loss. Fish biodiversity in particular, both in marine and freshwater environments, has been profoundly reshaped, with consequences in terms of ecosystem functionality and services yet to be precisely determined.

The present Special Issue aims at advancing the knowledge on the impacts on fish physiology (e.g., reproduction, immune system, and stress) caused by anthropogenic disturbances, and other research areas, including, but not limited to, the following:

- Pollution, both physical and chemical (e.g., micro- and nanoplastics, endocrine disruptors);
- Biological invasions;
- Aquaculture and capture fishery production;
- Nutrition;
- Infrastructure projects.

We invite submissions of original articles and short communications leveraging upon in vivo, in vitro, and in silico methods on model and non-model species. The Special Issue accept papers on a rolling basis and will be open for 8 months.





fishes



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Maria Angeles Esteban

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

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.

Author Benefits

Open Access: free for readers, with [article processing charges \(APC\)](#) paid by authors or their institutions.

High Visibility: indexed within [Scopus](#), [SCIE \(Web of Science\)](#), [PubAg](#), [FSTA](#), and [other databases](#).

Journal Rank: 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).

Contact Us

Fishes Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/fishes
fishes@mdpi.com
[X@Fishes_MDPI](#)