

Special Issue

Research on Fish Population Dynamics

Message from the Guest Editors

- This Special Issue focuses on advancing the science of fish population dynamics, a cornerstone of sustainable fishery management and marine ecosystem conservation. We invite contributions that explore theoretical developments, empirical analyses, and applied methodologies to improve our understanding of the processes affecting fish populations in marine and freshwater systems.
- The scope of this Special Issue includes studies on recruitment, growth, mortality, spatial dynamics, stock assessment models, management strategies, and responses to environmental and anthropogenic stressors. We particularly encourage the submission of interdisciplinary studies that combine the ecological, environmental, and socioeconomic dimensions of fish population dynamics.
- This Special Issue aims to serve as a platform for cutting-edge research that informs policy, enhances resource sustainability, and promotes innovation in monitoring and modeling approaches.
- We welcome your contributions to this timely collection and look forward to showcasing research that advances both our scientific understanding and the practical management of fish populations.
- We look forward to receiving your contributions.

Guest Editors

Dr. Jie Cao

Department of Applied Ecology, Center for Marine Sciences and Technology, North Carolina State University, Morehead City, NC, USA

Dr. Xiujuan Shan

Yellow Sea Fisheries Research Institute, Chinese Academy of Fishery Sciences, Qingdao 266071, China

Deadline for manuscript submissions

15 February 2026



Animals

an Open Access Journal
by MDPI

Impact Factor 2.7
CiteScore 5.2
Indexed in PubMed



mdpi.com/si/244049

Animals
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
animals@mdpi.com

[mdpi.com/journal/
animals](https://mdpi.com/journal/animals)





Animals

an Open Access Journal
by MDPI

Impact Factor 2.7
CiteScore 5.2
Indexed in PubMed



[mdpi.com/journal/
animals](https://mdpi.com/journal/animals)



About the Journal

Message from the Editor-in-Chief

Animals is an on-line open access journal that was first published in 2011. *Animals* adheres to rigorous peerreview and editorial processes and publishes only high quality manuscripts that address important issues in the many varied disciplines that involve animals, with a focus on animal science, animal welfare and animal ethics. *Animals* is covered in the Science Citation Index Expanded (SCIE) in Web of Science, with the latest Impact Factor: 2.7 (2024, ranks 15/86 (Q1) in 'Agriculture, Dairy & Animal Science'; 21/170 (Q1) in 'Veterinary Sciences'), 5-Year Impact Factor: 3.2.

Editor-in-Chief

Prof. Dr. Clive J. C. Phillips

1. Institute of Veterinary Medicine and Animal Sciences, Estonian University of Life Sciences, Kreutzwaldi 1, 51014 Tartu, Estonia
2. Curtin University Sustainability Policy (CUSP) Institute, Kent St., Bentley 6102, Australia

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), PubMed, PMC, Embase, PubAg, AGRIS, Animal Science Database, CAB Abstracts, and other databases.

Journal Rank:

JCR - Q1 (Veterinary Sciences) / CiteScore - Q1 (General Veterinary)