



biology



an Open Access Journal by MDPI

The Future of Marine Megafauna

Guest Editors:

Prof. Dr. Vincent L. Bels

Institute of Systematic Evolution
Biodiversity, Sorbonne
University, 75006 Paris, France

Prof. Dr. John R. Turner

School of Ocean Sciences,
Bangor University, Anglesey LL59
5AB, UK

Deadline for manuscript
submissions:

31 July 2025

Message from the Guest Editors

Dear Colleagues,

Marine biodiversity is rapidly declining due to unsustainable exploitation, invasive species, pollution, and climate change. These impacts disrupt ecosystems, particularly threatening marine megafauna, including sharks, rays, fishes, mammals, birds, and turtles. Species over 10 kg are at high risk, with projections indicating that more than 18% could be lost within the next century if current trends continue.

Urgent action is needed to prevent extinctions and promote recovery by addressing these threats. Significant knowledge gaps hinder effective conservation policies, making research critical for maintaining and protecting resilient marine ecosystems.

This Special Issue invites contributions on topics such as the biology, ecology, and conservation of marine megafauna, the impacts of human activities, and strategies for managing marine biodiversity.

Prof. Dr. Vincent L. Bels

Prof. Dr. John R. Turner

Guest Editors



mdpi.com/si/216215

Special *Issue*



an Open Access Journal by MDPI

Editors-in-Chief

Prof. Dr. Jukka Finne

Research Programme in
Molecular and Integrative
Biosciences, Faculty of Biological
and Environmental Sciences,
University of Helsinki, P.O. Box
56, FI-00014 Helsinki, Finland

Prof. Dr. Andrés Moya

Integrative Systems Biology
Institute, University of Valencia
and CSIC, 46980 Valencia, Spain

Message from the Editorial Board

A major strength of biological science is the diversity of approaches that biological scientists apply to their research problems. *Biology* reflects this diversity and brings together studies employing the varied experimental and theoretical approaches that are fueling biological discovery. *Biology*, the journal, is a fully peer-reviewed publication with a rapid and economical route to open access publication and is listed on PubMed. All articles are peer-reviewed and the editorial focus is on determining that the work is scientifically sound rather than trying to predict its future impact.

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, PubAg, CAPlus / SciFinder, and other databases.

Journal Rank: JCR - Q1 (Biology) / CiteScore - Q1 (General Agricultural and Biological Sciences)

Contact Us

Biology Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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

mdpi.com/journal/biology
biology@mdpi.com
[X@Biology_MDPI](https://twitter.com/Biology_MDPI)