

Special Issue

Mapping Marine Biodiversity Knowledge Gaps Using Open Data

Message from the Guest Editors

Data digitization and the mobilization of marine species have greatly expanded over the last few decades via the establishment of biodiversity open access databases such as the Ocean Biodiversity Information System (OBIS) and Global Biodiversity Information Facility (GBIF). Despite these great efforts, in some areas more than 50% of the ocean lacks digital data, restricting accurate biodiversity assessments. The challenge at hand is first to determine the existing knowledge gaps and identify their drivers, such as a lack of sampling, data digitization or taxonomy efforts. Open data can help to determine areas requiring attention. In this Special Issue, we aim to compile papers using open portals in addition to their own sampling methods to uncover knowledge gaps and biodiversity patterns in marine species at both regional and global scales. This Special Issue hopes to contribute to these fields and to establish recommendations for marine conservations strategies and the way forward.

Guest Editors

Dr. Hanieh Saeedi

Dr. James Davis Reimer

Prof. Dr. Angelika Brandt

Deadline for manuscript submissions

closed (30 March 2024)



Diversity

an Open Access Journal
by MDPI

Impact Factor 2.1
CiteScore 4.0



mdpi.com/si/135488

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

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





Diversity

an Open Access Journal
by MDPI

Impact Factor 2.1
CiteScore 4.0



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



About the Journal

Message from the Editor-in-Chief

Diversity (ISSN 1424-2818) is a scholarly journal that covers all areas of diversity research. Our distinguished editorial board and refereeing process ensures the highest degree of scientific rigor for publishing. Original research articles and timely reviews are released online, with unlimited free access.

We invite papers and reviews on multidisciplinary topics of diversity that bridge organismic diversity (systematics, biodiversity, phylogeny, population genetics, and evolution) and molecular diversity (phytochemistry and biophysics).

Editor-in-Chief

Prof. Dr. Michael Wink

Institute of Pharmacy and Molecular Biotechnology, Heidelberg
University, Im Neuenheimer Feld 329, D-69120 Heidelberg, Germany

Author Benefits

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubAg, GEOBASE, CAPus / SciFinder, and other databases.

Journal Rank:

JCR - Q2 (Biodiversity Conservation) / CiteScore - Q1
(Agricultural and Biological Sciences (miscellaneous))

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 17.1 days after submission; acceptance to publication is undertaken in 2.9 days (median values for papers published in this journal in the first half of 2025).