

Special Issue

Marine Biodiversity in the Gulf of Mexico and the Caribbean Sea

Message from the Guest Editor

The Gulf of Mexico and the Caribbean Sea are the habitat of many marine and coastal species, including mammals, birds, fishes, mollusks, crustaceans, polychaetae, algae, and other groups. The two marine areas are connected by a flux of water from the Atlantic Ocean that allows the dispersion of nutrients and organisms. The water movements and the presence of different habitats have allowed the coexistence of a high number of species. Outstanding biodiversity in both areas differs between coral reef areas, coastal lagoons, and seagrass meadows. It is the result of the local influences of climate, geographical isolation, and habitat heterogeneity, leading to a high level of speciation and the presence of discontinuous populations of phylogenetically distinct origin. This Special Issue will provide an opportunity to highlight new research on the biological value and importance of biodiversity, habitat loss, trophic relationships in ecosystems, and impact of exotic species in biodiversity. We invite manuscripts that focus on taxonomic, ecological, and conservation aspects with the aim to form a platform to advance our knowledge of the Gulf of Mexico and the Caribbean Sea.

Guest Editor

Dr. Rigoberto Rosas-Luis

1. Tecnológico Nacional de México/I.T. de Chetumal, Av. Insurgentes 330, Chetumal 77013, Quintana Roo, Mexico
2. CONACyT-Tecnológico Nacional de México/I.T. de Chetumal, Av. Insurgentes 330, Chetumal 77013, Quintana Roo, Mexico

Deadline for manuscript submissions

closed (20 October 2023)



Diversity

an Open Access Journal
by MDPI

Impact Factor 2.1
CiteScore 4.0



mdpi.com/si/144210

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, CAPlus / 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).