

Special Issue

Ecology and Paleoecology of Atlantic and Caribbean Coral Reefs

Message from the Guest Editor

Atlantic and Caribbean coral reefs have a fascinating past, a rapidly changing present, and an uncertain future. Extending from the Abrolhos Bank off the eastern region of Brazil, north to Bermuda, coral reefs are found in suitable habitats across 50° of subtropical and tropical latitudes. Originally part of the circumtropical expanse of warm, carbonate provinces, connections to the Indo-Pacific via the Tethyan Seaway were closed in the Miocene. Later, connections to the Eastern Pacific were lost with the closure of the Panama Seaway in the Plio-Pleistocene. Isolation and environmental stresses have resulted in a much diminished diversity of many reef taxa, compared with the western Pacific, though some taxa have diversified in their more isolated regions. This Special Issue provides a platform to explore the unique characteristics of Atlantic Province reefs, including reef-building taxa, the diverse and fascinating invertebrate biota, and inter-relationships between reef habitats and taxa that feed the human inhabitants throughout the region. The goal is to compile a set of research papers that celebrates the unique characteristics of coral reefs of the Atlantic realm.

Guest Editor

Prof. Dr. Pamela Hallock

College of Marine Science, University of South Florida, St Petersburg, FL 33701, USA

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

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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

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