Special Issue

Biodiversity and Conservation of Coral Reefs

Message from the Guest Editor

As coral reefs across the globe transition into a variable climate, major changes in their resilience are observed. Despite being centres of biodiversity in the world's oceans, variation in species abundance at all trophic levels is the foundation of marine resilience. While conservation action often focuses on short-term stress events such as cyclone damage, bleaching or pollution, the capacity of coral reefs to recover is determined by processes such as the nutrient cycle and the establishment of feedback loops. All of these processes require high biodiversity across many trophic levels to be healthy and active, and disruption from anthropogenic activities can leave a coral reef highly vulnerable to long-term disturbance. Overfishing and coastal developments are the main culprits, but alteration to a coral reef's biodiversity can also be caused by subtle changes in anthropogenic activities.

- coral reefs
- marine biodiversity
- conservation
- climate change
- resilience

Guest Editor

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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).

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