



New Frontiers in Reef Coral Biotechnology

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Deadline for manuscript
submissions:

closed (30 June 2023)

Message from the Guest Editors

Given the significant threats against coral reef ecosystems across the globe, there is an urgent need for science-based, solution-driven projects aimed at fostering the resilience of environmentally sensitive coral reef inhabitants in the Anthropocene.

In this Special Issue of *Applied Sciences* on reef coral biotechnology, we welcome articles centered on the development and/or validation of tools to be used to 1) mitigate environmental issues plaguing coral reefs, 2) characterize marine invertebrate health and stress load, and/or 3) biopreserve reef corals (in situ or ex situ). Both basic science articles whose findings have implications for applied reef coral science in the context of conservation and those directly testing a potential reef health or management solution with the use of a novel application will be considered.

Special Issue Keywords:

- coral biotechnology
- genetic conservation
- reef restoration
- coral husbandry and farming
- cryopreservation
- ocean monitoring
- endosymbiosis
- deep-sea corals





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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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