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Coastal Ecosystem Biodiversity: Linkage with Anthropogenic Activities and Climate Changes

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Message from the Guest Editors

Dear Colleagues,

Coastal zones, where land meets ocean, are rich in biodiversity but are increasingly influenced by human activities like agriculture and tourism, as well as global climate changes. These factors serve as drivers and pressures on ecosystems. Climate events, both short-term and long-term, play a crucial role in coastal biodiversity, which in turn supports ecosystem resilience and sustainable development. This Special Issue highlights recent research on the impacts of climate change and human activity on coastal biodiversity. Topics of interest for this Special Issue may include, but are not limited to, the study of biodiversity in the following areas:

- Drivers and pressures on biodiversity in different coastal ecosystems;
- Relationship between climate events (short/long temporal scales) and biodiversity;
- The linkage between ecosystem biodiversity and human development in coastal zones;
- Influences of terrestrial materials on ecosystem biodiversity, functions, and potential values;
- Adaptive or acclimation patterns of marine animals and microorganisms in coastal zones.



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Special Issue



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Message from the Editor-in-Chief

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