

Special Issue

Climate Change and Sustainable Marine Ecosystem Development

Message from the Guest Editors

The ocean, coastlines, and coastal communities are being disproportionately impacted by increasing carbon and other greenhouse gas emissions from human activities. At the same time, weather patterns are changing, with extreme weather events increasing in frequency. The ocean and coastal zones provide critical ecosystem services such as carbon storage, oxygen generation, food and income generation, as well as flood and storm protection. The degradation of coastal and marine ecosystems threatens the physical, economic, and food security of coastal communities. Sustainable management, conservation and restoration of coastal and marine ecosystems are vital to support the continued provision of carbon sequestration and other ecosystem services on which people depend. Protection and restoration of coastal ecosystems is needed. We welcome submissions on the analyses of the impacts of climate change on coastal ecosystems, designed to advise on adequate and appropriate mitigation and adaptation strategies.

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Deadline for manuscript submissions

closed (31 July 2021)



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