

Special Issue

Marine Ecosystems Responses and Sustainability in a Changing Climate

Message from the Guest Editors

Marine ecosystems provide a multitude of ecological benefits and economic services to human. Nonetheless, these systems are increasingly being exposed to a broad spectrum of natural and anthropogenic influences. Over the past and recent decades, human-induced threats including global warming, hypoxia, ocean acidification, eutrophication, marine habitat loss, biodiversity decline, and resource overexploitation have posed serious risks on the sustainability and capability of vulnerable marine ecosystems to maintain their integrity and functioning. Thus, underpin the need to further improve our understanding of how natural variability and anthropogenic threats will impact the various biogeochemical processes in the ocean which, by doing so, we can assist the ongoing and future efforts toward developing and improving scientific-informed and data-driven approaches of controlling/mitigating the marine ecological effects of multiple environmental and climate stressors.

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