



The Impact of Changes in the Marine Environment on Marine Organisms

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Message from the Guest Editors

Dear Colleagues,

The ocean is essential for all aspects of human well-being and livelihood. It is also the home to diverse creatures ranging from microbes to marine mammals that come from a wide variety of ecosystems in open pelagic and coastal oceans. The changes in our oceans are affecting marine organisms at multiple trophic levels. Numerous salient distinctions have been observed in recent decades, such as water pollution, rising seawater temperature, seawater acidification, loss of coastal habitat, and altered ocean circulation. These changes greatly impact the marine primary productivity, biodiversity, and temporal and spatial distribution of biological composition as well as the ecological habits and physiological functions of marine organisms. Through the cascade effect, these variables further influence the structure and function of marine food webs, resulting in the collapse of the marine ecosystem. This Special Issue aims to contribute to our understanding of the responses of marine organisms to various changes across ocean regions, from tropical seas to polar oceans. All aspects of the impact of changes in the marine environment on marine organisms are welcome.





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Message from the Editor-in-Chief

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