

Special Issue

Monitoring and Assessing the Changing Coastal Ecosystem in Response to Global Change

Message from the Guest Editors

The health of the coastal marine ecosystem is declining, and the sustainability of the sea is facing serious challenges. In order to facilitate a sustainable approach to ocean governance and achieve the goal of high-quality socio-economic development, the evolution of the marine ecosystem under multiple drivers, which usually shows multi-scale variability, must be understood. Monitoring and predicting coastal processes are, therefore, of increasing importance. This Special Issue aims to present the recent advances in monitoring, simulating and assessing coastal eutrophication and ecosystem response. We welcome contributions from the application of novel observational and experimental technologies, the development of ocean data and products, assessment of ecological health risks, numerical studies with theoretical or physical-biogeochemical models, and process studies including but not limited to harmful algal blooms, hypoxia and coastal acidification.

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The *Journal of Marine Science and Engineering* (JMSE, ISSN 2077-1312) is an international peer-reviewed open access journal which provides an advanced forum for studies related to marine science and engineering. The journal aims to provide scholarly research on a range of topics, including ocean engineering, chemical oceanography, physical oceanography, marine biology and marine geosciences. We invite you to publish in our journal sharing your important research findings with the global ocean community.

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