



## Marine Biota Distribution and Biodiversity

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### Message from the Guest Editors

Marine biodiversity and ecosystem functioning are facing a series of unprecedented pressures as a result of human activities. These may have immediate consequences for patterns of biodiversity and, consequently, for the critical ecosystem services they provide. The human impact is substantial and adversely affects marine life and marine habitats through habitat destruction, overexploitation, ocean pollution and especially plastic pollution, ocean acidification, ocean warming and the introduction of invasive species. Marine biota distribution is largely dependent on environmental variables, climate, trophic interactions and dispersal limitations. In particular, climate change is expected to alter both the distribution and the abundance of marine species. The purpose of this Special Issue is to publish the novel and high-quality research on: a. marine biodiversity structure and functioning at all levels of biological organization from genes, species and populations to ecosystems; b. marine biota distribution; c. changes related to natural and anthropogenic environmental pressures that affect marine biota distribution.





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## Message from the Editor-in-Chief

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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