

Special Issue

Marine Biota Distribution and Biodiversity

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.

Guest Editors

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Deadline for manuscript submissions

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About the Journal

Message from the Editor-in-Chief

Journal of Marine Science and Engineering (JMSE, ISSN: 2077-1312) focuses on research in the fields of Ocean Engineering, Coastal Engineering, Physical Oceanography, Geological Oceanography, Marine Biology, and Marine Environmental Science. It publishes reviews, regular research papers, and short communications, as well as Special Issues on particular subjects. Our aim is to encourage scientists to publish their experimental and theoretical results in as much detail as possible. There is no restriction on the maximum length of the papers.

Editor-in-Chief

Prof. Dr. Charitha Pattiaratchi

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