

Special Issue

Ecosystem-Based Management in Marine Conservation Ecology

Message from the Guest Editor

Marine conservation primarily relies on the definition of marine reserve areas to protect marine life, and on management plans to adapt protection measures according to trial-and-error protocols. Marine ecology does not necessarily conform to this approach as the definition of the geographic boundaries of ecological systems rarely matches with those of protected areas, and because the properties of these ecological systems can come into conflict with the protection goals of the management plans. This Special Issue has objectives of reconciling theory and practice in marine conservation and ecology in order to encourage the field to advance toward a better understanding of the protection of marine life using an ecosystem-based management approach. Particular emphasis is placed on studies that combine surveys, data analysis, and the modelling of marine systems to evaluate and improve management practices. In addition, this Special Issue aims to set the limits of the marine conservation in a changing environment in order to advance the field toward an evolutionary conservation ecology capable of adapting to global change.

Guest Editor

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Deadline for manuscript submissions

closed (25 May 2024)



Journal of Marine Science and Engineering

an Open Access Journal
by MDPI

Impact Factor 2.8
CiteScore 5.0



mdpi.com/si/192849

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About the Journal

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.

Editor-in-Chief

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