



Adaptation to Global Change in Fisheries Resources and Associated Marine Ecosystems

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Deadline for manuscript
submissions:

closed (5 February 2026)

Message from the Guest Editors

Global change has been a topic of concern in recent decades. Oceans act as a buffer against climate change and global warming, but at the expense of the stability of the climate system and marine ecology. Changes such as sea level and circulation changes, melting ice shelves, ocean acidification and hypoxia, and food chain collapse either directly or indirectly affect marine fisheries and marine ecosystems on a global scale, on which, in addition, other synergistic driving forces related to human activity and its impacts act, such as invasive alien species, pollution, habitat use and overexploitation of resources.

In this situation, in order to apply effective measures to maintain fishery production and ecological balance, it is necessary to approach the problem from a holistic point of view. It is urgent to fill the gaps in scientific knowledge, implement new research methods, and retrieve longer historical series on the variability of populations, ecosystems, and the marine environment to achieve sustainable ecological and economic solutions.





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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.

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