

Special Issue

New Challenges in Marine Aquaculture Research

Message from the Guest Editors

Scientific research was greatly challenged by the COVID-19 pandemic, which pressured research institutes to challenge themselves to give a quick answer to the worldwide humanitarian urgent situation. This unpredictable situation triggered a global energy and food crisis, which elevated the calls to urgently invest in food systems to ensure secure, affordable, healthy and nutritious food for a growing population. Aquatic products are increasingly recognized as key players in these food systems, representing in 2020 more than 60 percent higher than the average in the 1990s, largely due to increasing aquaculture production. Despite significant progresses in marine aquaculture industry, researchers still face great challenges concerning species diversification, animal growth efficiency, climate changes, alternative sources to fishmeal and oil, safeguard of natural resources and reduction of the environmental footprint. Therefore, marine aquaculture research is vital and requires an integrated approach to develop and strengthen the aquaculture sector to be able to follow the increasing global demand for aquatic foods.

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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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