

## Special Issue

# New Challenges and Trends in Marine Robotics

### Message from the Guest Editor

Science and Engineering in the marine environment provides a distinct set of challenges. Efforts in the field have developed an amazing set of tools and knowledge to date, from individuals reaching the deepest depths of the Mariana Trench to autonomous robots circumnavigating the globe. This begs the question: what will be the next big issues and developments in the marine field? One issue that comes to mind is whale entanglement and ghost fishing gear. Plastics in the food web is another problem. These are just two of the future challenges faced by people and the environment. This Special Issue will examine a number of future challenges and delve into the work being carried out, as well as the next steps towards addressing these issues. We are seeking high-quality papers to present the work of today that looks forward to tomorrow. Unique and novel ideas as well as advances in current techniques that focus on the future of Marine Research are invited for peer review publication. We wish to encourage science and engineering papers on instrumentation, robotics and data analytics working towards understanding the ocean and maintaining the health of our marine environment.

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### Guest Editor

Dr. William J. Kirkwood  
Monterey Bay Aquarium Research Institute, Moss Landing, CA, USA

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### Deadline for manuscript submissions

closed (31 August 2023)



## Journal of Marine Science and Engineering

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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.

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### Editor-in-Chief

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#### Journal Rank:

JCR - Q2 (Engineering, Marine) / CiteScore - Q2 (Ocean Engineering)

#### Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 15.6 days after submission; acceptance to publication is undertaken in 1.9 days (median values for papers published in this journal in the first half of 2025).