

## Special Issue

# Control Theory and Applications in Marine Autonomous Vehicles

### Message from the Guest Editors

The control of marine autonomous vehicles has been an exciting subfield of marine science and engineering. Some significant theoretical designs and applications continue to be developed by numerous researchers and industrial engineers, e.g., path-following control, dynamic positioning control, obstacle avoidance guidance, formation control, etc. This work has generated significant progress to facilitate the application of related theoretical design in engineering practice. This Special Issue of the *Journal of Marine Science and Engineering* aims to present meaningful results concerning the topic “Control Theory and Applications of Marine Autonomous Vehicles”.

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### Guest Editors

Prof. Dr. Xianku Zhang

Dr. Guoqing Zhang

Prof. Dr. Nam-kyun Im

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### Deadline for manuscript submissions

closed (28 February 2023)



## Journal of Marine Science and Engineering

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an Open Access Journal  
by MDPI

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Impact Factor 2.8  
CiteScore 5.0



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*Journal of Marine Science and Engineering*

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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.

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### Editor-in-Chief

Prof. Dr. Charitha Pattiaratchi

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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 16.5 days after submission; acceptance to publication is undertaken in 2.5 days (median values for papers published in this journal in the second half of 2025).