

## Special Issue

# Control, Guidance, Coordination, and Localization of Autonomous Marine Vehicles

### Message from the Guest Editors

Autonomous marine vehicles are means to deploy distributed sensors over aquatic domains to enrich knowledge on otherwise hard-to-reach or even unreachable places. Their use has been widely accepted by the scientific, military, and industrial communities to overcome many barriers (risks, economical, performance). However, aquatic environments pose singular constraints and extreme challenges that demand advanced techniques to enable fully autonomous operation of vehicles.

This Special Issue aims at gathering recent advances on control, guidance, cooperation, and localization of autonomous marine vehicles. Original research papers describing new approaches to motion control, state estimation, and collaborative behaviors of autonomous marine vehicles as well as applications of advanced techniques to specific navigation problems, supported by experimental data, are encouraged. High-quality papers are welcome.

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### Guest Editors

Dr. Bruno Miguel Ferreira

Technology and Science, Institute for Systems and Computer Engineering, 4200-465 Porto, Portugal

Dr. Nuno A. Cruz

Technology and Science, Institute for Systems and Computer Engineering, 4200-465 Porto, Portugal

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### Deadline for manuscript submissions

closed (10 February 2022)



## Journal of Marine Science and Engineering

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by MDPI

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Impact Factor 2.8  
CiteScore 5.0



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Editorial Office

MDPI, Grosspeteranlage 5

4052 Basel, Switzerland

Tel: +41 61 683 77 34

[jmse@mdpi.com](mailto:jmse@mdpi.com)

[mdpi.com/journal/](https://mdpi.com/journal/)

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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

Prof. Dr. Charitha Pattiaratchi  
School of Engineering, The UWA Oceans Institute, The University of  
Western Australia, Perth, WA 6009, Australia

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