

# Special Issue

## Advanced Research in Shipping Informatics and Communications

### Message from the Guest Editor

In the era of the Fourth Industrial Revolution based on cyberphysical systems and autonomous ships, technologies have significantly affected shipping (shipping 4.0) and the maritime domain in general. The Special Edition will examine the main issues concerning the developments in information and communication technologies in shipping and the maritime domain. The Special Edition will examine the main issues concerning the developments in information and communication technologies in shipping and the maritime domain. A list of proposed topics (being non conclusive) is listed below:

- maritime cyberphysical systems
- autonomous ship
- maritime satellite communication technologies
- IoT, AI, and data science in shipping
- offshore technologies
- e-navigation technologies including AIS, ECDIS, VTS, GMDSS, SAR
- maritime security, including cybersecurity
- smart port technologies
- HMI in maritime systems
- maritime digitalization

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### Guest Editor

Prof. Dr. Nikitas Nikitakos

Department of Shipping, Trade and Transport, University of the Aegean, Chios, Greece

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### Deadline for manuscript submissions

closed (31 May 2022)



## 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  
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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 and The UWA Oceans Institute, The University of  
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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).