

## 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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## 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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#### High Visibility:

indexed with Scopus, SCIE (Web of Science), Ei Compendex, GeoRef, Inspec, AGRIS, and other databases.

#### 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).