

# Special Issue

## Human-Automation Integration in the Maritime Sector

### Message from the Guest Editors

The aim of this Special Issue is to highlight the challenges, advancements, and applications of automation within the maritime transportation sector from a human factors perspective. The papers in this Special Issue will have a scope beyond technology-driven innovation and encompass how human actors can function safely and efficiently in a growing, complex sociotechnical system. This Special Issue will publish the most exciting research with respect to the above subjects and provide a rapid turn-around time regarding reviewing and publishing, and disseminate the articles freely for research, teaching, and reference purposes. High-quality papers and novel techniques that are directly related to the following topics are encouraged:

- Artificial intelligence and machine learning
- Human-automation interactions
- The impact of automation upon the regulatory environment in shipping
- Pedagogical competences and lifelong learning in the maritime domain
- Case studies

Prof. Scott N. MacKinnon

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### Guest Editors

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### Deadline for manuscript submissions

closed (20 February 2021)



## 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

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  
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