

## Special Issue

# Advancements in Maritime Safety and Risk Assessment

### Message from the Guest Editors

The global maritime transportation system serves as a crucial pillar of international trade. With the rapid increase in marine traffic flow and advancements in artificial intelligence (AI) technology, the field of maritime safety and risk management is encountering both significant opportunities and complex challenges. Notably, the widespread adoption of digital technologies, automated systems, and big data analytics has transformed the maritime sector, introducing novel research directions and practical demands. In this context, this Special Issue seeks to showcase cutting-edge theoretical research and practical applications in maritime safety and risk assessment, offering scientific insights to support the efficient, safe, and sustainable development of the shipping industry. This Special Issue aims to provide a communication platform for academia and industry, fostering multidisciplinary integration and technological innovation in maritime safety and risk assessment. It seeks to support the shipping industry in achieving efficient and resilient development within an increasingly complex environment.

### Guest Editors

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### Deadline for manuscript submissions

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## Journal of Marine Science and Engineering

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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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