

# Special Issue

## Latest Advances in Physical Oceanography

### Message from the Guest Editors

The main goal of this Special Issue is to gather and share new results, best practices, successes, lessons learned, and general insights. Contributions may include topics in descriptive and dynamical physical oceanography, focused from deep ocean and broader scales to shallow waters and local scales, including coastal zones and estuarine systems. Theoretical, observational, and modelling studies are all welcome, especially focusing on elucidating specific physical processes and their contribution to understanding ocean dynamics. Local or regional studies; methods and challenges in understanding ocean circulation drivers and its evolution in future decades; projected climate change-driven variations, methods and results concerning ocean circulation variability; and any other innovative contributions.

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### Guest Editors

Prof. Dr. João Miguel Dias

Prof. Dr. Alexander Babanin

Dr. M<sup>a</sup> Teresa de Castro Rodríguez

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### Deadline for manuscript submissions

closed (31 March 2023)



## 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  
School of Engineering, The UWA Oceans Institute, The University of  
Western Australia, Perth, WA 6009, Australia

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