

## Special Issue

# Renewable Energy Applications: Wind Turbines, Marine Current Turbines, Hybrid Generation Systems, and Smart Grids

### Message from the Guest Editors

Climate change due to greenhouse emissions and the depletion risk of traditional fossil energy resources are two great challenges faced by human society. The use of renewable energy sources has been indexed as a solution and has been growing rapidly in recent years. Despite the massive deployment of renewables, they still face major barriers to wider adoption. This Special Issue aims to collect high-quality papers in renewable energy applications and create a space where readers can find renewable energies engineering critical reviews on methods, solutions, and applications, helping to strengthen cooperation mechanisms to boost the deployment of enabling renewable energy technologies. In this context, researchers are encouraged to submit manuscripts on innovative technical developments, case studies, and analytical as well as assessment papers from different disciplines, which are relevant to renewable energy applications: marine current turbines, wave energies, offshore wind turbine technologies, sensing and monitoring systems, subsea engineering, hybrid generation systems, and smart grids. Prof.

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### Guest Editors

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### Deadline for manuscript submissions

closed (10 April 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 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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