

## Special Issue

# Frontiers in Offshore Wind Energy

### Message from the Guest Editors

Dear colleagues, With the fast development of offshore wind around the world, several major trends of offshore wind energy are emerging in recent years. High rated powers are designed for offshore wind turbines of large rotor size. The growth of power clearly emphasizes the impact of wake interaction between upstream and downstream wind turbines. The increase in water depth implies that the wind turbines will be installed on floating platforms instead of fixed-bottom structures. The metocean and geotech conditions of where offshore wind turbines are installed greatly vary. The corresponding construction, transportation, maintenance and operation of offshore wind farms, are also important for the developers. The design and control of wind turbines also require new innovations to accommodate a constant motion response to wind and waves and a smooth and safe operation. All related researches arising in the offshore wind sector are welcome to contribute to this special issue.

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### Guest Editors

Prof. Dr. Shiu-Wu Chau  
Dr. Shun-Han Yang  
Dr. Tsung-Yueh Lin

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### Deadline for manuscript submissions

closed (25 January 2023)



## Journal of Marine Science and Engineering

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*Journal of Marine Science and  
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Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[jmse@mdpi.com](mailto:jmse@mdpi.com)

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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

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

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