

## Special Issue

# Ocean Energy Harvesting System

### Message from the Guest Editor

Despite strong growth in energy demand, most of the energy currently available is still mainly from nonrenewable resources such as coal, natural gas, oil, and nuclear energy. Renewable resources such as wind, solar, and ocean energy have enormous potential because they are indigenous, nonpolluting, and inexhaustible. The technology for capturing wind and solar energy is very mature, and the development of capturing ocean wave energy such as waves, tides, and currents is still under headwind. The development of marine energy harvesting technology, however, is the most important challenge, since it may become another important energy supply in the future. High-quality papers directly related to the following topics in support of novel system designs and techniques for performance enhancement with respect to levelized cost of energy (LCOE) are encouraged:

- Tidal and ocean current harvesting devices;
- Wave energy harvesting devices;
- Hybrid wave and ocean current harvesting systems;
- Deep water mooring concepts;
- Floating structure mooring concepts for shallow and deep waters;
- Cost-reducing fixed or floating platform structures.

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### Guest Editor

Prof. Dr. Bang-Fuh Chen

Department of Marine Environment and Engineering, National Sun Yat-sen University, Kaohsiung 804, Taiwan

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### Deadline for manuscript submissions

closed (31 March 2020)



## Journal of Marine Science and Engineering

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Impact Factor 2.7  
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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

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

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

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#### Journal Rank:

JCR - Q1 (Engineering, Marine) / CiteScore - Q2 (Civil and Structural Engineering)

#### Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.4 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the second half of 2024).