

## 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

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### Deadline for manuscript submissions

closed (31 March 2020)



## Journal of Marine Science and Engineering

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Impact Factor 3.2  
CiteScore 5.6



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Engineering*  
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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

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### Author Benefits

#### High Visibility:

indexed with Scopus, SCIE (Web of Science), Ei Compendex, GeoRef, Inspec, AGRIS, and other databases.

#### Journal Rank:

JCR - Q2 (Oceanography) / CiteScore - Q1 (Ocean Engineering)

#### Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 15 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the first half of 2026).