



Advancements in Marine Renewable Energy and Renewable Powered Marine Vehicles

Guest Editor:

Dr. Weichao Shi

Department of Naval
Architecture and Marine
Engineering, University of
Strathclyde, Glasgow G1 1XH, UK

Deadline for manuscript
submissions:

closed (20 February 2022)

Message from the Guest Editor

Marine renewable energy devices and systems are quickly developing. With the aim of achieving net zero, marine renewables are contributing not only to the macro-scale energy systems and networks, but also to micro-scale applications, such as ships and underwater vehicles. This Special Issue, “Advancements in Marine Renewable Energy and Renewable Powered Marine Vehicles”, targets the recent developments in this field, to disseminate the technology advancement and to widen the impact of the marine renewable energy industry.

The Special Issue will welcome submissions of both review papers and research papers. Topics of interest include, but are not limited to, the following:

- Marine renewable energy devices
- Ocean energy storage, distribution, and consumption
- Renewable energy powered marine vehicles
- Wind, wave, tidal and thermal ocean energy
- Self-sustained ships and marine vehicles
- Wind assisted ship
- Wave glider, thermal glider
- Experimental and computational fluid dynamics
- Alternative fuel, offshore green hydrogen
- Energy efficiency and management for ship





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Tony Clare

School of Natural and
Environmental Sciences,
Newcastle University, Newcastle
upon Tyne NE1 7RU, UK

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed with Scopus, SCIE (Web of Science), GeoRef, Inspec, AGRIS, and other databases.

Journal Rank: JCR - Q1 (*Engineering, Marine*) / CiteScore - Q2 (*Ocean Engineering*)

Contact Us

*Journal of Marine Science and
Engineering* Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/jmse
jmse@mdpi.com
X@JMSE_MDPI