



Marine Wind and Other Ocean Energy Key Technologies

Guest Editor:

Dr. Narasimalu Srikanth

Programme Director & Principal
Senior Scientist, Renewables and
Low Carbon Generation Team,
Energy Research Institute @
Nanyang Technological
University, Singapore 637141,
Singapore

Deadline for manuscript
submissions:

closed (20 September 2022)

Message from the Guest Editor

Dear Colleagues,

The aim of this Special Issue is to present recent advances in the field of marine wind and ocean energy key technologies. Good knowledge of key technologies of wind and ocean energy is of major importance for the design, development, and deployment of offshore renewables to support the sustainability goals of nations and blue economy initiatives. In this aspect, studies related to either fundamental or applied research are welcome in this Special Issue, including case studies, laboratory-based studies, field deployment, and testing, covering the key technologies in resource mapping, device development, and farm designs related to marine wind, tidal, wave, OTEC, salinity gradient, and other complementary technologies aiming at clean energy development. Topics of interest for this issue include but are not limited to the following areas: Renewable resource assessment; Site-device matching; Device modularization; Device efficiency improvement designs and methods; Low-speed specific turbines; Hybrid renewable energy systems; Disaster resilient variants and remote grids; New energy storage methods; etc.

Dr. Narasimalu Srikanth

Guest Editor





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