



Advances in Offshore Wind—2nd Edition

Guest Editors:

Dr. Dongran Song

School of Automation, Central
South University, Changsha
410083, China

Prof. Dr. Ronghua Zhu

Ocean College, Zhejiang
University, Zhoushan 316021,
China

Dr. Qingan Li

Institute of Engineering
Thermophysics, Chinese
Academy of Sciences, Beijing
100190, China

Deadline for manuscript
submissions:

30 December 2024

Message from the Guest Editors

Dear Colleagues,

As a consequence of increasing energy demand and growing awareness of the repercussions of greenhouse gas emissions in recent years, the need to expand renewable energy production has become clear. As the leading power-generation technology, wind has become more popular. Moreover, with the gradual completion of onshore wind projects, attention has turned toward offshore wind. By following current developments in wind models and their related design tools, more advanced wind energy conversion and utilization technologies are attainable.

For this Special Issue, we invite authors to contribute their latest research on offshore wind utilization and development, with topics including, but not limited to, the following:

- Offshore wind resource assessment techniques;
- Offshore wind turbine and farm designs;
- Offshore wind control, protection, and state diagnostics;
- Offshore wind operations and maintenance;
- Structural and mechanical aspects of offshore wind;
- Offshore wind power economics;
- Offshore wind power in multi-energy systems.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Charitha Pattiaratchi
Oceans Graduate School and The
UWA Oceans Institute, The
University of Western Australia,
Perth, WA 6009, Australia

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 (*Civil and Structural 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