

Special Issue

Advances in Offshore Wind— 2nd Edition

Message from the Guest Editors

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.

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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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