Special Issue

Wind and Wave Energy Resource Assessment and Combined Utilization

Message from the Guest Editors

Wind and wave energy resource assessment, wind–wave utilization technology, optimal design of energy conversion devices, large-scale power generation, and grid-connected technology are practically important for the efficient assessment and utilization of wind and wave renewable resources. This Special Issue aims to present and disseminate the most recent advances in the concept, application, control, optimization, smart grid technology, evaluation, and combined utilization of wind and wave energy. **Topics of interest for publication include, but are not limited to:**

- Wind and wave energy resource assessment and combined utilization;
- Multi-energy integration and innovation;
- Opportunities and challenges for the development of wind and wave power generation;
- Control technologies of wind and wave energy;
- Smart optimization algorithms for wind and wave energy;
- Technological innovation of offshore wind power engineering;
- Offshore wind power operation and maintenance technologies;
- Experiments of floating offshore wind turbines or WECs;
- Energy conversion of wave energy;
- Smart grid.

Guest Editors

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Deadline for manuscript submissions

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About the Journal

Message from the Editor-in-Chief

Energies is an international, open access journal in energy engineering and research. The journal publishes original papers, review articles, technical notes, and letters. Authors are encouraged to submit manuscripts which bridge the gaps between research, development and implementation. The journal provides a forum for information on research, innovation, and demonstration in the areas of energy conversion and conservation, the optimal use of energy resources, optimization of energy processes, mitigation of environmental pollutants, and sustainable energy systems.

Editor-in-Chief

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