

Special Issue

Recent Advances in Wind Energy 2020

Message from the Guest Editor

Wind energy is one of the most renewable sources that will play a crucial role in future energy scenarios. The deep application of wind power in several energy systems in recent decades suggests that it is becoming a mature technology. Moreover, wind energy is acting as a very successful industry to decrease the use of conventional energy source dependency, reducing, at the same time, the energy sector's impact on the environment. This Special Issue aims at reaching academics, scientists, and industrial actors interested in the wind energy field to contribute with their achievements to the recent advances in wind energy. This present Special Issue covers a wide range of topics, including:

- Development of resource assessment techniques—prediction, modelling, atmospheric physics, wind farm planning, siting (including off-shore developments), economics, and environmental issues;
- Wind rotors and blades—aerodynamics, aero-elastics, aero-servo-elasticity, aero-acoustics, wakes, rotor, and blade design;
- Wind turbine technologies;
- Control of wind turbines, diagnostics;
- Generator concepts, including gearless concepts;
- Electrical engineering of wind power
- ...

Guest Editor

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Deadline for manuscript submissions

closed (25 June 2021)



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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.

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