



Recent Advances in Wind Energy 2020

Guest Editor:

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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
- ...





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Message from the Editor-in-Chief

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