

Special Issue

Recent Advances in Wind Farms

Message from the Guest Editors

The rapid development of wind power on complex terrain and offshore prompt us to improve the reliability of wind resource assessment of wind farms over complex terrain and reduce the levelized cost of energy (LCOE) by utilizing big wind turbines and active wake control for offshore wind farms. Wind resource assessment and active flow field transition technology for offshore wind farms have many challenges in aerodynamics, aeroelasticity, aeroacoustics, micrositeing, wind power forecast, and energy storage. This Special Issue entitled “Recent Advances in Wind Farms” will collect and present the results of research and implementation experiences in the wind energy area, to help toward the development of future wind energy technologies and enhance their sustainability.

Guest Editors

Dr. Linmin Li

School of Mechanical Engineering and Automation, Zhejiang Sci-Tech University, Hangzhou, China

Dr. Xingxing Han

College of Energy and Electrical Engineering, Hohai University, Nanjing, China

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Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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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

Prof. Dr. Enrico Sciubba

Department of Mechanical and Industrial Engineering, University
Niccolò Cusano, 00166 Roma, Italy

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