

Special Issue

Wind Farm Control

Message from the Guest Editor

I am very happy to invite you to submit papers to the journal *Energies* Special Issue on “Wind Farm Control” (WFC). The topic of WFC relates to a wide range of methods and strategies to operate the wind turbines within a wind farm in a coordinated way to achieve a common target. WFC targets (and topics for this special issue) can be:

- to reduce the wake losses in order to increase the power production of the wind farm,
- to mitigate structural loads on the turbines’ components in order to reduce maintenance costs or increase lifetime,
- to ensure that the active and reactive energy production comply with the infrastructural and contractual limitations,
- to match the energy demand at minimum cost, or
- to support the grid stability by means of active and reactive power control.

The future wind farms will have to be flexible enough to provide active and reactive power control to secure revenues in volatile markets and support grid operation. Therefore, contributions on control of hybrid renewable energy systems including energy generation (including at least wind energy), storage and conversion to other energy carriers, are also acceptable for the special issue.

Guest Editor

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Deadline for manuscript submissions

closed (30 September 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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