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## Fast-Running Engineering Models of Wind Farm Flows

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Deadline for manuscript  
submissions:  
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### Message from the Guest Editors

Despite the rapid growth of flow measurement technologies and numerical simulation techniques over the last few decades, fast-running engineering models are still the most popular tools in industry to characterise and predict wind farm flows. This is mainly due to their low computational costs and ease of use. These models, which can be empirical or physics-based, cover a wide range of topics including but not limited to:

- **Turbine wake flows**
- **Cumulative wake effects**
- **Load estimation**
- **Flow blockage**
- **Topography and wind farms**
- **Wind farm power production**
- **Wind farm control**
- **Wind farm interaction with the atmospheric boundary layer**
- **Thermal stability and Coriolis force**

The aim of this Special Issue is to gather new original research either on the **development of new fast-running engineering models** or **the application of existing models** in different fields of wind energy research mentioned above, and beyond.



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Special Issue



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## Editor-in-Chief

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## 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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