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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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Message from the Editor-in-Chief

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