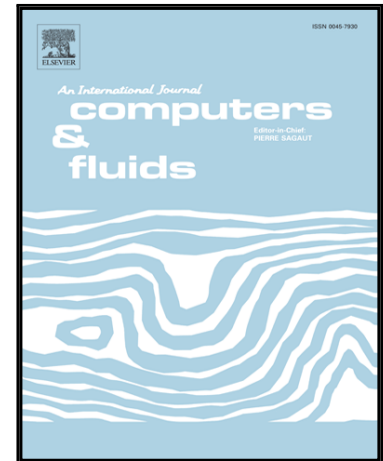


## Accepted Manuscript

Large-Eddy Simulation of wind turbines wakes including geometrical effects.

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**Highlights**

- Large-Eddy Simulation strategy of wind turbine wakes including geometrical details is proposed.
- The methodology is assessed on two different test cases and validated with experimental results.
- The use of unstructured grids to take into account geometrical effects is proved.
- High order numerical schemes demonstrated the improvements of the results.

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