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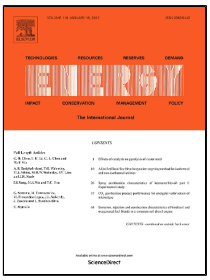

Validation of kinematic wind turbine wake models in complex terrain using actual windfarm production data

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Highlights

- The validation of three kinematic wake models are carried-out in this study.
- A commercial CFD-based, WindSim software, is used to simulate the train flow field.
- Significant differences in the prediction capabilities of the three wake models were observed.
- The Larsen-model proved to be most accurate at this specific site studied in this work

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