

Interactive comment on “Simulated wind farm wake sensitivity to configuration choices in the Weather Research and Forecasting model version 3.8.1” by Jessica M. Tomaszewski and Julie K. Lundquist

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Received and published: 9 March 2020

This is an editor comment on the manuscript by Tomaszewski et al., after the second reviewer originally nominated has missed to send in a review despite several attempts.

Tomaszewski et al. report on the influence of model configuration choices on the wake created by a wind farm. These wakes are of serious concern for wind farm operators as they can potentially reduce power production at downstream wind turbines and thereby reduce revenues.

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The paper is well written, clearly structured and the methods and results are presented in a concise manner. The thorough introduction is especially appreciated, as it easily allows the reader to put the current work into the broader context of the existing scientific literature.

I consider the Scientific Comment by Matthew Simpson to contain substantial and valid comments that the authors should treat as if it were a referee comment. This, in addition with the original first review provides a solid and sufficient peer review for this manuscript. Thereby, I suggest the authors respond to these two to end the discussion phase.

Interactive comment on Geosci. Model Dev. Discuss., <https://doi.org/10.5194/gmd-2019-302>, 2019.

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