

Interactive comment on “Year-to-year correlation, record length, and overconfidence in wind resource assessment” by Nicola Bodini et al.

Anonymous Referee #4

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Review of: Year-to-year correlation, record length, and overconfidence in wind resource assessment

Climate variability is well-known in the atmospheric science community (and I think the wind energy community) so this manuscript does not report a new finding or result, but rather illustrates it (i.e. the presence of internal climate variability) again. Thus, the manuscript lacks a transformative (or novel) aspect (i.e. it illustrates a well-known challenge to the industry), it uses standard statistics (though presented in a somewhat jargon-istic manner), the results are not generalizable (i.e. the uncertainties in P50 and P90 are inevitably going to be location specific) and it does not present a ‘path-forward’ for the industry or advance diagnostic understanding of causes of uncertainty in P50 and P90. Further, use of monthly mean wind speeds at 10-m (presumably also confounded by instrumentation and other changes) renders the analysis ‘results’

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very highly suspect for real-world applications. For these reasons I do not recommend publication in a high-profile international journal.

Interactive comment on Wind Energ. Sci. Discuss., doi:10.5194/wes-2016-11, 2016.

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