

Interactive comment on “TIER Version 1.0: An open-source Topographically InformEd Regression (TIER) model to estimate spatial meteorological fields” by Andrew J. Newman and Martyn P. Clark

Anonymous Referee #1

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As described in the paper, the TIER model seems to emulate much of what Chris Daly's group has implemented in PRISM. The value of the paper and the accompanying code is thus 2-fold: first, it concisely summarizes the various parameterizations and assumptions in PRISM that have been published in a series of papers over a number of years, and second, it is open-source, allowing anyone to change or replace the parameterizations and assumptions as they see fit. Thus, while it's hard to identify anything in TIER that is original, I think the model and the accompanying paper are both valuable contributions worthy of prompt publication.

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Interactive comment on Geosci. Model Dev. Discuss., <https://doi.org/10.5194/gmd-2019-162>, 2019.

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