Natural Hazards
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Discussions

Interactive comment on "Towards predictive data-driven simulations of wildfire spread – Part 2: Ensemble Kalman Filter for the state estimation of a front-tracking simulator of wildfire spread" *by* M. C. Rochoux et al.

Anonymous Referee #2

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The paper presents a very interesting approach in the use of Data Assimilation methodology to improve wildfire spread simulations provided by semi-empirical models with the aim to make these models more compatible with operational applications. The work is based on new concepts developed with high scientific quality resulting from a deep understanding of the topics covered. The general edition and the figures are well represented and the conclusions are consistent. The only remark is related to the exclusion of terrain topography effects on the model: what is the level of complexity related to the introduction of this parameter?

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Interactive Discussion

Discussion Paper

Interactive comment on Nat. Hazards Earth Syst. Sci. Discuss., 2, 3769, 2014.

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