



Interactive
Comment

Interactive comment on “Mapping of extreme wind speed for landscape modelling of the Bohemian Forest, Czech Republic” by L. Pop et al.

Anonymous Referee #4

Received and published: 10 June 2014

The paper deals with an interesting and important topic of environmental risk assessments. The main attention is paid to extreme wind field in mountainous region. But, in order to be published, we think that paper should go through major revision. Please, find below some comments and question (not in order of the priority), which according to our opinion can help to improve the paper and presentation of the results:

1. The text needs some important English polishing.
2. Exploratory analysis of measured wind time series is missing?
3. Visualize your methodology with flow-chart(s). Also, it will help to better structure the presentation: methodology, methods, modelling, results, etc.

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4. Another question is how different spatial and temporal scales were combined within the modelling procedures and how they were selected?

5. Can authors justify their “believe that using idealized wind patterns rather than simulating specific events is more robust”?

6. Please, better explain how extremes were fitted and used. In the present text it is not clear.

7. Also, is one station representative for such complex region?

8. Section 4.2 should be better presented and more elaborated.

9. Finally, how the results were validated and tested?

Interactive comment on Nat. Hazards Earth Syst. Sci. Discuss., 2, 361, 2014.

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