

Interactive comment on “Potential slab avalanche release area identification from estimated winter terrain: a multi-scale, fuzzy logic approach” by J. Veitinger et al.

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The use of fuzzy logic is good and understandable. In the illustrated application, fuzzy logic represents a major advantage compared to conventional methods.

Comment on chapter 1.1: What are the exact shortcomings of the mentioned methods? This point is not clear to me? The presentation of advantages of the proposed model in comparison to other methods has to be improved.

Figures: Figure 4 is a very good, remarkable illustration of the calculation of roughness at different scales. Figure 8: the topographic maps are too small. Labels can't be read.

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North arrows for maps facing north is not necessary from a cartographic viewpoint. Just use north arrows for maps not facing north! Change the color of the avalanche perimeter.

Figure 9: Please use a better foto, the foto is not sharp!

Language: Please revise the sometimes very long, convoluted sentences. Consider a general linguistic revision.

R Code: can the mentioned R Code be revised?

Interactive comment on Nat. Hazards Earth Syst. Sci. Discuss., 3, 6569, 2015.

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