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Interactive comment on “Forest harvesting is associated with increased landslide activity during an extreme rainstorm on Vancouver Island, Canada” by J. N. Goetz et al.

J. N. Goetz et al.

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We would like to thank the anonymous referees for their interest in our work, as well as their constructive comments, corrections and suggestions, which we incorporated into the revised manuscript. Our responses to the referee’s comments are explained in a point-by-point reply, which can be found in the supplementary material for this reply.

Overall, thanks to the reviewers’ detailed comments, we were able to strengthen the manuscript by providing more detail to characterize the type data available: e.g., the landslides, the storm and the forest cover classification. We have improved our

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validation of the forest cover classification by collecting more reference data from high resolution imagery. We have provided an additional analysis of the forest cover classes to illustrate the relationship to forest harvesting by validating the presence of logging with our new reference data. Additionally, we have made it more clearly in the discussion that other natural disturbances may have an influence on the forest cover conditions, although the main contributor to forest stand disturbance on Vancouver Island is logging. We are hopeful that that our responses will satisfy the referees and editor.

Please also note the supplement to this comment:

<http://www.nat-hazards-earth-syst-sci-discuss.net/2/C3370/2015/nhessd-2-C3370-2015-supplement.pdf>

Interactive comment on Nat. Hazards Earth Syst. Sci. Discuss., 2, 5525, 2014.

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