

Interactive comment on “Climate change impacts on maritime mountain snowpack in the Oregon Cascades” by E. Sproles et al.

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The reviewers of this manuscript express quite divergent opinions about the scientific value of the discussed work. Namely reviewer 2 questions the value of the modeling approach to study climate change. The reviewer's main argument is that the model relies too strongly on parameter calibration rather than extending it to better capture missing processes. Reviewer 1 gives also some critical comments about some of the model modifications proposed in this paper. Reviewer 3 adds detailed comments on how to improve the paper structure and highlights missing methodological aspects.

I would like to invite the authors to answer all of these comments before preparing the revised manuscript.

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Interactive comment on Hydrol. Earth Syst. Sci. Discuss., 9, 13037, 2012.