

Interactive comment on “The periglacial engine of mountain erosion – Part 1: Rates of frost cracking and frost creep” by J. L. Andersen et al.

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Dear authors

We have now received four reviews of your manuscript. All are very positive and highlight the quality of your work and of its presentation.

After reading all comments and suggestions by the four reviewers, I would like to encourage you to submit a revised version that addresses the key questions raised, and in particular, a better justification of the use of Anderson's penalty model (and your "variant" of it), as well as the role of sediment (whether a grain-size sensitive transport coefficient is warranted). I would also advise you to take all of the reviewers' suggestions into account as well as my earlier comment.

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Interactive comment on Earth Surf. Dynam. Discuss., 3, 285, 2015.

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