

Earth Surf. Dynam. Discuss., author comment AC1
<https://doi.org/10.5194/esurf-2021-61-AC1>, 2021
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Author Comment on esurf-2021-61

Sarah A. Schanz and A. Peyton Colee

Author comment on "Controls on earthflow formation in the Teanaway River basin, central Washington State, USA" by Sarah A. Schanz and A. Peyton Colee, Earth Surf. Dynam. Discuss., <https://doi.org/10.5194/esurf-2021-61-AC1>, 2021

Dear Referees,

Thank you for your constructive and critical comments on our submitted manuscript. We plan to address your comments through a major revision and will alter the manuscript focus to be on lithologic controls on earthflows, the effect of earthflows on valley width and sediment, and we will introduce/discuss MADstd as a potential method for relative dating earthflow activity. We believe these revisions will address your concerns, particularly regarding the relationship between MADstd and absolute age and regarding the historic analysis of salmon habitat. We are confident these revisions will improve the quality of the manuscript.

Our detailed comments are attached.

Sincerely,

Sarah Schanz, on behalf of the authors

Please also note the supplement to this comment:

<https://esurf.copernicus.org/preprints/esurf-2021-61/esurf-2021-61-AC1-supplement.pdf>