

Nat. Hazards Earth Syst. Sci. Discuss., author comment AC2
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Reply on RC2

Ruth Stephan et al.

Author comment on "An inventory of Alpine drought impact reports to explore past droughts in a mountain region" by Ruth Stephan et al., Nat. Hazards Earth Syst. Sci. Discuss., <https://doi.org/10.5194/nhess-2021-24-AC2>, 2021

Dear Anne Van Loon,

Thanks for your reply and suggestion. We reran the analysis with a previous version of the database (i.e. status from September 2019). The overall fraction of the different impacted categories for the countries and the paired sub-regions differs less than expected. However, it is good to see how much we actually updated the database with our input. Especially, the temporal analysis profited from our input: we identified substantially more years that were impacted by drought and the monthly analysis to present impact frequencies is better supported by data, especially regarding the impact regimes of soil-moisture impacts and hydrological drought impacts. We suggest that we will elaborate further the effect of our update on the presented analysis and then decide how to include it in the manuscript or provide it as additional information in the Supplementary Material.

Thanks for your effort!