

## ***Interactive comment on “Should altitudinal gradients of temperature and precipitation inputs be inferred from key parameters in snow-hydrological models?” by Denis Ruelland***

**Denis Ruelland**

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Dear Editor,

Please find enclosed a revision note in response to referee 2 for the paper #HESS-2019-556, entitled “Should altitudinal gradients of temperature and precipitation inputs be inferred from key parameters in snow-hydrological models?” by D. Ruelland.

I would like to thank the anonymous referee for the time spent in reviewing the initial paper and making interesting suggestions. Most of them were judged useful even though I did not agree with all comments. In any cases, I provided a point-by-point

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response to the reviewer’s comments and tried to bring modifications to the manuscript accordingly.

Please, find my responses and modifications to manuscript in a supplement file as a detailed point-by-point reply to the referee comments. For clarification, remarks of referee are formatted in grey italic, while my answers (response and modifications to manuscript) are formatted in blue. Changes on the manuscript have been inserted in track change mode in the manuscript.

I hope the modifications brought to the manuscript have raised its scientific quality. Best regards, D. Ruelland

Please also note the supplement to this comment:

<https://www.hydrol-earth-syst-sci-discuss.net/hess-2019-556/hess-2019-556-AC2-supplement.pdf>

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Interactive comment on Hydrol. Earth Syst. Sci. Discuss., <https://doi.org/10.5194/hess-2019-556>, 2019.

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