

Author's Response to Reviews of

Modelling runoff in a glacierized catchment: the role of forcing product and spatial model resolution

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Dear Editor,

We thank you for your feedback on our manuscript. We appreciate the suggestions by you and all the reviewers and have implemented them into our manuscript. Below, we address all the technical revisions. Our Authors' replies are written in blue.

RV = Reviewer

RV:

Dear authors,

thank you very much for your explanations and for carefully revising the manuscript. The revision has made the manuscript more comprehensible and improved its quality in the respective sections. Only a few technical revisions are needed before publishing the manuscript.

A few technical comments:

L 29: For the description of the extensive observation data, you mention “direct runoff measurements”. From a hydrological perspective, direct runoff is only a part of the total runoff generation (a combination of surface and interflow). I guess this is not what you meant in this context. I would suggest either writing “direct measurements of runoff” or simply “runoff measurements”.

We now used the wording “runoff measurements” and removed the word “direct”.

L 49: remove . after both. - done

L 128: add a space between the number and the unit 340km^2 in the last sentence of the Table 1 caption - done

L 247: shift the first brackets of the direct citation (Huss et al., 2008b) and (Farinotti et al., 2012). - done

L 323: remove second . -done

L 364: remove space after bracket (Fig.7) -done

L 489: add a . after spatial resolution -done