

Interactive comment on “The role of debris cover in the evolution of Zmuttgletscher, Switzerland, since the end of the Little Ice Age” by Nico Mölg et al.

Nico Mölg et al.

nico.moelg@geo.uzh.ch

Received and published: 1 April 2019

General reply

First of all, we thank both reviewers for thoroughly reading through the manuscript and for all the helpful critique, ideas, and suggestions. We greatly appreciate the valuable comments and the promptness of the feedback.

We acknowledge the view of the referees highlighting the long-term evolution aspect, the general relevance, as well as the extensive and unique set of data and analysis.

They also came up with critical comments and major drawbacks, which mainly referred

C1

to the issue of losing the focus on the main message in the number of different analysis and the overall length of the manuscript. We are thankful for these valuable comments and think they will considerably improve the manuscript.

Here we reply to the major concerns raised by the reviewers and present our ideas for revisions and amendments. The mainly encompass the removal of parts of the analysis, a shortening and streamlining of the discussion, the removal of figures, parts of figures, or figures being shifted to the supplements, and the combination of data presented in figures.

The majority of the specific/minor comments refer to language or detailed content or are specific examples of the major concerns. All these corrections will be addressed in the revised manuscript.

We would greatly appreciate the view of the editor on the suggested revisions before our submission of the revised manuscript.

For our reply to the major concerns please look at the supplement pdf.

Please also note the supplement to this comment:

<https://www.the-cryosphere-discuss.net/tc-2018-292/tc-2018-292-AC1-supplement.pdf>

Interactive comment on The Cryosphere Discuss., <https://doi.org/10.5194/tc-2018-292>, 2019.

C2