

# ***Interactive comment on “The relative contributions of calving and surface ablation to ice loss at a lake-terminating glacier” by M. Chernos et al.***

**M. Chernos et al.**

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Received and published: 29 August 2015

We wish to thank the reviewers for their comprehensive reviews and very useful comments that will greatly improve our manuscript. We have undertaken significant effort to substantially revise this manuscript to address the reviewers' concerns on four main points: 1) correct grammatical and definitional errors, 2) restructure the manuscript and reduce length by eliminating redundant text, 3) focus on improved clarity in our methods and provide a stronger, clearer justification for our study design and assumptions, and 4) re-focus our Discussion section to provide a more comprehensive discussion of the transferability of our findings to other studies and lake-calving glaciers worldwide.

We have accepted and amended the text to address all editorial suggestions provided by the two reviewers, and thank them for taking the time to make these suggested changes. Below we summarize our primary changes and respond to specific reviewers' comments and critiques on the paper content in a point-by-point fashion.

We hope you will find our revised manuscript has adequately addressed all of the concerns of the reviewers, and is significantly improved.

We appreciate the opportunity to revise our manuscript, and we look forward to any additional feedback that you or the reviewers are willing to provide.

Please find attached (Supplement) a .pdf version of our response to reviewers.

Sincerely,

Matthew Chernos, Michele Koppes, and R. D. Moore

Please also note the supplement to this comment:

<http://www.the-cryosphere-discuss.net/9/C1512/2015/tcd-9-C1512-2015-supplement.pdf>

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Interactive comment on The Cryosphere Discuss., 9, 2915, 2015.

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Interactive Discussion

Discussion Paper

