Dear authors:

Thank you for submitting your revised manuscript entitled “Modelling environmental influences on calving at Helheim Glacier, East Greenland” for publication in The Cryosphere.

After initial revision of the manuscript, I have decided to send it for further review. All three reviewers (I did not carry out an extensive Editor Review as suggested here, it is actually a third review which in the interest of time was folded as an Editor Review) have significant concerns regarding:

- Basal crevasses and their impact on the calving criterion.
- Water and its impact on the propagation of surface crevasses, and how it relates to environmental constraints on the calving criterion.
- Validation of the model from observations.

Responses to reviewers #2 and #3 appear satisfactory to me, I am not sure however that reviewer #1’s concerns were adequately addressed in the response or through any modifications to the manuscript. I therefore feel further review is warranted.

Sincerely yours,

Dr. Eric Larour,
Editor The Cryosphere