

Answers to the editor

Dear editor,

Thank you for your recommendation and suggestions.

The changes that have been made are highlighted in yellow in the manuscript and in correction mode.

We did the following changes:

- As you requested we made some English language corrections, especially in the part that have been added by the review, because they were not validated by the American Journal expert. You can find several of them in correction mode and yellow in the new document.
- Because two first formulas were not numbered we renumbered the equations.
- The equations 6 and 11 were corrected for mistakes (old numbers 4 and 9).
- Page 7 line 19 we added a precision about the k value: elongation of landslides. ... $k = 1$ implies that it uses the average diameter instead of L_{rh} , and by assuming an elliptic horizontal landslide surface $k = \sqrt{\pi w / (4L_{rh})}$.
- In the last paragraph of p 7 we change the fonts of the variables that were not in italics.

We hope that is all you requested.

Sincerely yours

Michel Jaboyedoff