

11 March 2026

Dear Editors,

We would like to thank the editors for their careful evaluation of our manuscript and for the constructive comments provided throughout the review process. We greatly appreciate the time and effort invested in helping us improve the quality and clarity of our work.

We have carefully addressed all comments raised during the review process and revised the manuscript accordingly. At this final stage, we have also reviewed and reformatted the reference list to ensure full compliance with the manuscript preparation guidelines of *Natural Hazards and Earth System Sciences*. In addition, we have updated the captions of Figures 1, 3, and 6 to include the appropriate map source and attribution information, in accordance with the journal's publication requirements.

We hope that the revised manuscript now meets the journal's standards, and we thank the editors again for their valuable feedback and consideration.

Sincerely,

Rodrigo Calderón (on behalf of all co-authors)