

We thank the reviewer for the positive assessment and encouraging remarks. The limitation regarding the single-event scope of the study is already acknowledged in the Conclusions section, where future research directions involving multi-event datasets and regionally calibrated fragility functions are explicitly identified. In response to the reviewer's suggestion, we have conducted a systematic review of the manuscript to identify every instance where it refers to 'the literature' or 'previous studies' without an accompanying citation, and have added specific supporting references drawn from sources already included in the bibliography.

Original manuscript (Section 3.2):

Because the direct measurement of these depth parameters is not feasible for most sites, they are commonly estimated using empirical relationships reported in the literature.

Revised manuscript:

Because the direct measurement of these depth parameters is not feasible for most sites, they are commonly estimated using empirical relationships reported in the literature (e.g., Askan et al., 2021).