

1) For the section "Author contribution", please use initials only (also for the last names).

>> DONE

2) For Figure S8, please follow the guidelines for the copyright statement of Google Earth (see <https://www.natural-hazards-and-earth-system-sciences.net/submission.html#maps aerials>), i.e. "© Google Earth 2025" (or the respective year of access).

>> DONE

3) Please ensure that the colour schemes used in your maps and charts allow readers with colour vision deficiencies to correctly interpret your findings. Please check your figures using the Coblis – Color Blindness Simulator (<https://www.color-blindness.com/coblis-color-blindness-simulator/>) and revise the colour schemes accordingly. --> Fig. S2

>> DONE

I kindly thank the editor for providing this very useful link. I checked all the figures of the main text and of the Supplementary Material and I simulated all the possible vision deficiencies. I should say that in some figures, the colours are obviously altered for specific vision deficiencies.

However, the alteration is not such that the interpretation of the results is compromised, also because of the legend accompanying most of the plots, that in any case, supports the reader in the interpretation of the figure.

For example, for the specific case of Figure S2 mentioned by the editor, the yellow line related to the 16 percentile appears lighter when simulating peculiar vision deficiencies. However the overall interpretation of the figure (related to the high level of noise at the newly installed accelerometric stations) is still appreciable.