

Below, we provide our responses to each comment and describe the corresponding revisions in the manuscript.

Our response is organized in the following order:

Comment

Author Response

Paper Revision (if applicable)

Please note that your reference list has not been compiled according to our standards. Please consider adjusting your reference list with the next revision of your manuscript.

We have revised the reference list to conform to the journal's formatting standards as specified in the Copernicus manuscript preparation guidelines.

https://www.natural-hazards-and-earth-system-sciences.net/for_authors/manuscript_preparation.html.

Please add the following attribution texts to the following figure captions:

Figure 1- ShakeMap PGA data © USGS. Active fault data © MTA (General Directorate of Mineral Research and Exploration, Turkey).

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Figure 4 - IMERG precipitation data © NASA. ERA5 temperature data © ECMWF/Copernicus. SMAP L4 soil moisture data © NASA.

Figures 2, 9, 10 - IMERG precipitation data © NASA.

We have added the requested attribution texts to the captions of Figures 1, 2, 3, 4, 9, and 10.

Additional Revisions

In addition to the changes made in response to the comments above, we have made the following revisions:

(A) At the request of co-authors Pukar M. Amatya and Thomas A. Stanley, we have updated their institutional affiliations in the author list.

(B) During internal circulation of the revised manuscript prior to resubmission, we identified a sentence in the Conclusion section (lines 843–844 in the previous draft) that just repeated the thoughts of the sentence prior. The repeated sentence has been removed.

