

Author's response

Dear Robert and François,

Thank you very much for your positive evaluation of our manuscript and for accepting it for publication in *Earth System Science Data*. We also appreciate your final comments, which have helped us to further improve the quality and usability of our work.

We have addressed the two minor points raised:

- a) The formatting of longitude and latitude in Figure 2 has been revised and harmonized with the rest of the figures in the manuscript.
- b) The dataset has been updated in the repository to improve its usability. Specifically, we have added descriptive sheet names to the Excel file and enabled column filters across all fields (e.g., hazard type and cascading effects), facilitating easier navigation and data exploration.

We trust that these changes satisfactorily address your comments.

Thank you again for your guidance throughout the review process.

Kind regards,
Marta López-Saavedra (on behalf of all co-authors)