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Comment on nhess-2021-197

Anonymous Referee #2

Referee comment on "Invited perspectives: Challenges and step changes for natural hazard – perspectives from the German Committee for Disaster Reduction (DKKV)" by Benni Thiebes et al., Nat. Hazards Earth Syst. Sci. Discuss., <https://doi.org/10.5194/nhess-2021-197-RC2>, 2021

Review of the invited perspective:

Challenges and step changes for natural hazards – perspectives from the German Committee for Disaster Reduction (DKKV)

by Thiebes, Benni , Winkhardt-Enz, Ronja , Schwarze, Reimund, Pickl, Stefan

In this invited manuscript, the authors are discussing challenges and step changes for natural hazards from the perspective of the German Committee for Disaster Reduction (DKKV). In the first of three chapters, the DKKV is introduced and its national and international roles and missions are presented. The second chapter addresses the challenges from DKKV's perspective regarding natural disasters and how resilience can be achieved. The last chapter points out the steps still needed and emphasizes what should be prioritized for research according to the Sendai Framework for Disaster Risk Reduction 2015-2030.

In general, I think this manuscript is a valuable contribution to the NHESS and it poses an opportunity to make the DKKV and its work more popular in the scientific community. However, in my opinion, it is of quite theoretical nature. It is difficult for me to picture the exact tasks and responsibilities of the DKKV. The addition of more concrete examples would make it more tangible for the reader.

I would therefore suggest a revision of the manuscript mainly adding concrete examples.

Specific comments:

Line 15: How are students involved? Which are the DKKV activities they could participate in?

Line 21: How is the public informed? Via a webpage, app or workshops? Some examples would help the reader to get a better understanding of the DKKV.

Line 27: What is the aim of these research projects? (e.g. are they addressing the reduction of climate risk and other hazards?)

Line 31 ff : What concrete risks are humanity facing? And why are the conditions more challenging?

Line 50: What data should be improved? Why is it not homogeneous? How should the data be homogenized? Please provide more information here.

Line 51: You are addressing simulations and assessments. Please provide a concrete example to make it more vivid and tangible to the reader.

Line: 69: What does "Build Back Better" mean in practice? Can you provide an example?

Line 71: Is there an example for an early warning system that you can suggest to the reader?

Technical corrections:

Line 27: frequently typo