

Nat. Hazards Earth Syst. Sci. Discuss., referee comment RC2
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Comment on nhess-2021-269

Anonymous Referee #2

Referee comment on "Review article: Factors leading to the occurrence of flood fatalities: a systematic review of research papers published between 2010 and 2020" by Olga Petrucci, Nat. Hazards Earth Syst. Sci. Discuss.,
<https://doi.org/10.5194/nhess-2021-269-RC2>, 2021

The paper deals with analysis of factors leading to the occurrence of flood fatalities based on review of selected number of per-reviewed research papers published between 2010 and 2020. With respect to great attention devoted to the study of different aspects of flood fatalities it represents an actual topic. The paper has a good potential to be published in Natural Hazards and Earth System Sciences. I recommend to the author to take in account some points reported below.

General comments:

- Please reconsider the use of terms "fatality" and "victim". Although fatality is a clear term concentrated only on the death, under victim can be included fatalities and injured what is probably not intention of this article.
- Lines 25-26: Related data to July 2021 in Germany are still not available? Any quotation is needed there.
- Lines 344-349: I have doubts about including "specific occupation" in hazardous behaviour. Please reconsider.
- I recommend to finish Concluding remarks by anything in sense as I tried to express here: "Let us hope that this review showing manifold aspects of the study of flood fatalities will stimulate further research on this field with respect its other aspects, data mining in regions where such data have been not collected yet or where still exists potential for complementing already existing datasets."
- I would like to see anywhere some sentence that selection of papers for the overview does not necessarily cover all spectrum of related FF papers, because FFs can be analysed in the structure followed in this paper also in non-considered papers, e.g. together with other weather-associated fatalities.

Specific comments:

Please check if in below quoted cases is the use of related words correct:

Line 43: is it possible to use other form than "a synoptic overview" giving some connotation to meteorology ("synoptic")?

Line 61: rather "and fatality characteristics".

Line 87: "containingcontained"?

Line 113: The rapid onset of flash floods ... a very short time ...

Line 120: what "the total mortality" you have in mind? total flood mortality?

Line 154: can be only be compared?

Lines 170-172: fatalities instead of victims?

Line 220: sectors of the globe or rather regions of the globe?

Line 246: (78%) instead of (78.05%).

Lines 320-321: abbreviations (WD, SUV) should be explained.

Lines 353-354: The sentence "The specific ..." is not needed.

Line 358: better rainfall totals than rainfall amounts.

Line 402: mortal flood?

Lines 406-408: what about some official data of national institutions and bodies (ministry, policy, statistical services etc.)?

Line 427: advantageous qualities?

Line 428: newness?