

Nat. Hazards Earth Syst. Sci. Discuss., referee comment RC1
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Comment on nhess-2022-136

Anonymous Referee #1

Referee comment on "Spatial Distribution of Vulnerability to Extreme Flood: in provincial scale of China" by Wei Li et al., Nat. Hazards Earth Syst. Sci. Discuss.,
<https://doi.org/10.5194/nhess-2022-136-RC1>, 2022

I have read with great interest the manuscript entitled "Spatial Distribution of Vulnerability to Extreme Flood: in provincial scale of China" The manuscript is very interesting and has a substantial impact on extreme flood disaster assessment and management.

The manuscript have both theoretical and practical significance. For this reason, I consider that this manuscript is suitable for publication in "Natural Hazards and Earth System Sciences" after considering some minor revisions.

1:

The provincial importance index (PI) and social disaster recovery index (SI) are not listed in Table 1.

2:

Lines 172-175, it should be "the 14 to 65 year-old is considered as the labor force."

3:

In Table 5, the mean value of the results of the four parameter combinations is taken.

Whether the combination of these four parameters is of practical significance or just the needs of theoretical calculation.

4:

Lines 224-230 describe that the social disaster recovery index (SI) reflects the disaster resistance, disaster relief and recovery capacity of provinces and cities. What is the difference between SI and vulnerability?