

Interactive comment on “Loss assessment of building and content damages from potential earthquake risk in Seoul, Korea” by Wooil Choi et al.

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1. The amount of damage predicted in the first and second revised manuscript is very different. Authors have to explain why the loss amount predicted in original manuscript was revised.

In this study, we estimated loss amounts based on the KRW. An error occurred converting the estimated loss amount to USD. That is why the loss amount is been revised.

2. The description of the methodology used isn't clear enough. It needs to be explained more clearly.

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The methodology has been revised as follows to understand clearly.

(STEP 1) Information database of property which may be exposed to disaster should be constructed. (STEP 2) Hazard module for generation of a physical hazard map from a simulated event of disaster should be developed. (STEP 3) Vulnerability module to assess damage state of individual properties should be prepared by combining the information of exposed property and hazard intensity. (STEP 4) The financial module is implemented to quantify the damage of individual buildings into a monetary loss to predict a total loss amount.

3. A few words used in this paper seem to be misleading in the interpretation, so it is necessary to replace them with words that cannot be interpreted in error.

Some misleading words are been revised as follows.

(Page 3, Line 23) Replace “etc. affecting” with “and other minor considerations. Influencing”

(Page 4 Line 4) Replace "900 billion dollars" with "900 billion US dollars"

(Page 4 Line 5) Replace "between USD 100,000 to 1,000,000" with "0.1~1 million US dollars."

Thank you

Please also note the supplement to this comment:

<https://www.nat-hazards-earth-syst-sci-discuss.net/nhess-2018-281/nhess-2018-281-AC1-supplement.pdf>

Interactive comment on Nat. Hazards Earth Syst. Sci. Discuss., <https://doi.org/10.5194/nhess-2018-281>, 2018.

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