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comment

Interactive comment on "Evaluating and analyzing the comprehensive community disaster reduction capability" *by* Dajun Lian et al.

Dajun Lian et al.

ldjwwyx@126.com

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The comment was uploaded in the form of a supplement:
https://www.nat-hazards-earth-syst-sci-discuss.net/nhess-2018-137/nhess-2018-137-AC3-supplement.pdf

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Interactive comment on Nat. Hazards Earth Syst. Sci. Discuss., https://doi.org/10.5194/nhess-2018-137, 2018.

Interactive comment on "Evaluating and analyzing the comprehensive community disaster reduction capability" by Dajun Lian et al.

Anonymous Referee #2

Received and published: 28 September 2018

The paper presents an interesting overview of a case study to calculate the vulnerability of communities. However, at present the level of presentation in terms of writing and figures needs some work. I outline suggestions for improvement below. Once the presentation issues have been addressed, I would be happy to review the scientific content in further depth. In the abstract, it is not clear what "National demonstration community of comprehensive disaster reduction (NDCCDR) " is. State that this is a government policy/initiative.

Response: *In lines 8-13 of the abstract, the nature of NDCCDR has been explained, stating that it is a government initiative*

General: the level of English is good, but needs some improvement. For example, line 20 "Despite the capacity to understand and transform nature, human remain vulnerable". "Human" should be corrected to "Humans". I suggest the help of a professional proof reader would help to give the article a final polish.

Response: *In the 33 line of the paper, "human" has been modified to "humans".*

Line 67 citations such as "Francesco Dottori" should not include first name (also applies to reference list).

Response: *The first name of the 70 and 586 lines has been removed according to the opinion.*

Line 74 define SND (although it appears in the abstract, it should be re-defined here). .

Response: *SND has been re-defined in line 82.*

Introduction in general: the word 'community' is a contested term. Define here what you mean by community. For further info see Cannon, T., 2008.Âˉa Reducing people's vulnerability to natural hazards communities and resilienceÂˉa(No. 2008.34). Research paper/UNU-WIDER.

Response: *I referred to some of the authoritative Chinese literature and foreign literature. Despite the controversy, we temporarily selected the word community to consistent with China's administrative divisions.*

Appendix A table should go into the body text to help the reader understand the calculation of CCDRC.

Response: *Taking Appendix A as part of the body text, it conforms to the logical structure of this article. However, there are more primary indicators and secondary indices. The meaning contents of indices occupy a lot of space. In order to ensure the compactness of the paper, the table is placed in the appendix part. We can consider putting Appendix A table into the body text to help the reader understand the calculation of CCDRC*

Line 129 unclear what a 'grey target' is. Please explain

Response: *Grey theory is applied to solve the uncertainty problem under the condition of few data. Grey target theory is a grey relational analysis theory for dealing with pattern sequences. In a set of pattern sequences, the data closest to the propositional scalar value are found to*

Fig. 1.