

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

Dajun Lian et al.

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Received and published: 10 August 2018

First of all, thank the experts for carefully reviewing our papers, putting forward pertinent comments and detailed suggestions. We organized the authors to analyze and discuss the problems raised by experts and formed a consensus. Before the submission of the revised paper, we will retouch the paper word by word, and adjust the structure of the paper according to all the reviews and experts' opinions. We will respond to the above questions one by one. See the PDF file for details.

Please also note the supplement to this comment:

<https://www.nat-hazards-earth-syst-sci-discuss.net/nhess-2018-137/nhess-2018-137-AC1-supplement.pdf>

C1

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

C2

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

Anonymous Referee #1
Received and published: 6 August 2018

First of all, thank the experts for carefully reviewing our papers, putting forward pertinent comments and detailed suggestions. We organized the authors to analyze and discuss the problems raised by experts and formed a consensus. Before the submission of the revised paper, we will retouch the paper word by word, and adjust the structure of the paper according to all the reviews and experts' opinions. We will respond to the above questions one by one.

Literature and significance: The significance of the paper and the proposed index is not clearly explained. The proposed index of the community comprehensive disaster reduction capability (CCDR) should be presented in a disaster risk management/science context.

Response: *The secondary indices in the index system are described in detail in the appendix 1 at the end of the paper, and the meaning of the primary evaluation indices will be supplemented when submitting the revised manuscript; the first part of the paper (1.Introduction) has made a description of the relationship between CCDR and disaster risk management. In the revised version, we will strengthen the content in accordance with the experts' suggestions.*

What is the significance of the CCDR to the scientific community?

Response: *The overall strengthening of regional comprehensive disaster reduction capability was first proposed by the Chinese government in 2006 after several major natural disasters. In 2011, the overall work thought of China was fully elaborated. As the basic component of the urban public disaster prevention and reduction work, the community is the object of the direct action of different types of disaster causing factors, as well as the concrete and direct bearing body of the compound disaster. This has become the common understanding of the international academic circles. The CCDR quantitative evaluation method and the empirical analysis described in this paper can be used as a universal compliance in the community based disaster risk management model (CBDRM), and it can also be a useful supplement to China's NDCCDR evaluation method.*

How do the findings contribute to relevant literature?

Fig. 1.