

# ***Interactive comment on “Research Trends on Natural Hazards, Disasters, Risk Reduction and Climate Change in Indonesia: A Systematic Literature Review” by Riyanti Djalante***

**Dr Djalante**

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Dear Prof. Marfai,

I would like to thank for your valuable comments which greatly enhance the quality of the recommendations, in particular. Kindly please find my responses below.

Please note that I have made changes to the paper as the response to the first reviewer which is listed in this site <http://www.nat-hazards-earth-syst-sci-discuss.net/nhess-2016-342/nhess-2016-342-AC1-supplement.pdf>. Hence, my numbering reference to your comments will be based on this revised version.

1. In the text line 272, we found the citation Sudibyakto (1992), which is not found in

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the references. Please check it once again.

Response: In the revised version Line 979-981, all references to Sudibyakto 1992, 1996, 1997 are listed.

2. In line 288, you write the reference for Marfai (2014) and (2015), it is better to choose the print version one, instead of writing it both.

Response: Thank you, Marfai(2014) was deleted.

3. It would be more appealing if you can discuss more, about ecosystem bases Disaster Risk Reduction (DRR) and mention about the trend focus of disaster research In Indonesia.

Response: I put this as part of my recommendations: Sentences from Lines 453-456 are revised from:

There is still greater need for research on climate change topics related to linkages between poverty and disaster vulnerability (Suryahadi and Sumarto, 2003), security (CSIS, 2016), loss and damages (Warner et al., 2012), impacts on key sectors such as fisheries (USAID Indonesia, 2015), coastal communities (Marfai, 2014; Marfai et al., 2008), food security (Measey, 2012; WFP, 2015), health (Ady Wirawan, 2010; Haryanto, 2009), migrations (Raleigh et al., 2008; Reuveny, 2007), and community-based DRR (Heijmans, 2012),

to

There is still greater need for research on climate change topics related to linkages between poverty and disaster vulnerability (Suryahadi and Sumarto, 2003), security (CSIS, 2016), loss and damages (Warner et al., 2012), impacts on key sectors such as fisheries (USAID Indonesia, 2015), coastal communities (Marfai, 2014; Marfai et al., 2008), food security (Measey, 2012; WFP, 2015), health (Ady Wirawan, 2010; Haryanto, 2009), migrations (Raleigh et al., 2008; Reuveny, 2007), community-based DRR (Heijmans, 2012), and the role of ecosystem for DRR and CCA (Renaud et al

2016).

4. The paper should add more information about the importance of collaboration between local universities (Indonesia) and universities partner (outside Indonesia) to promote International publications in Indonesia, particularly to enlarge the topics related to the disaster, hazard, and risk reduction.

Response:

Line 469 New sentences are added. There needs to be more collaboration between local universities (Indonesia) and universities partner (outside Indonesia) to promote International publications in Indonesia, particularly to enlarge the topics related to the disaster, hazard, and risk reduction.

5. I would recommend adding references from another peer-reviewed literature except for Scopus, i.e. google scholar, or local database journals from Kemenristek DIKTI Indonesia, such as Shinta and Portal Garuda.

Response: It is not possible to use other databases at this stage. Goggle scholar was indeed used to determine major authors contribution, as listed in Table 3 (Line 345).

However, I add new sentences in Line 463 to acknowledge these databases.

Line 461. The author acknowledges that there are also Indonesia local database from Kemenristek DIKTI Indonesia, such as Shinta and Portal Garuda, and materials from these databases should be made available and accessible internationally.

6. The literature could also be taken from the books, proceedings, government's reports. Unfortunately, the government's reports are written in Bahasa Indonesia and not available for the public.

Response: It is clearly stated in the method section that the source is only from SCOPUS, which also include books, proceedings and sometimes reports. Those that are not included hence falls outside the scope of this paper.

7. To enrich the discussion in this paper, I would suggest searching other keywords associated with disaster and hazard, i.e. erosion, sedimentation, etc.

Response: Since the keyword 'Hazard' was used, any associated impacts from those hazards would have been included, include erosion and sedimentation, etc. Step 3 of the data inclusion already include these impacts.

Please also note the supplement to this comment:

<http://www.nat-hazards-earth-syst-sci-discuss.net/nhess-2016-342/nhess-2016-342-AC3-supplement.pdf>

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Interactive comment on Nat. Hazards Earth Syst. Sci. Discuss., doi:10.5194/nhess-2016-342, 2016.

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