

Interactive comment on “1997 Typhoon Linda Storm Surge and People’s Awareness 20 Years Later: Uninvestigated Worst Storm Event in the Mekong Delta” by Hiroshi Takagi et al.

Anonymous Referee #2

Received and published: 6 January 2018

General comments

In general, my first impression about the paper is about its practical contribution. People in the Mekong delta have been living in likely free tropical cyclone, storm surge, typhoon environment. It make the people are not really aware about the events when they come. Thus, the risk becomes very high. The paper will definitely contribute to the areas of disaster management and risk reduction in the region and particular in Vietnam. The manuscript can be improved further before publishing on “Natural hazard and Earth System Science”

Specific comments There are some specific aspects are follows: 1. The author should

C1

update the current status of disaster management and risk reduction in Vietnam. Since the Linda happened in 1997 the government has improved a lot of activities to supports people, especially on the aspects of governance (from local to central government), early warning system. 2. The manuscript should provide some comparative assessment with other case studies in the world on these topics. The authors mentioned a case in Bangladesh but very limited information. 3. There should be a summary of the damages crossing different provinces where the Linda passed by and particularly in Con Dao Island, was the whole island got impacts or just some locations. Are they match with the socio surveyed areas. 4. The uncertainty of confidence of the Delft3D model should be assessed. 5. The Conclusion/Abstract should be revised to be closer to what have been got. 6. The English writing should be further improved.

Technical corrections

- Line 15-16 (page 1): Mentioned about mangrove which did not really include in the paper. - Line4-5 (page 2): Should use Vietnamese Mekong delta (hereinafter VMD) because the Mekong delta include Cambodia areas - Line 11, line 19 (page 2): should include references - Line 14 (page 3): should not use TC in the header - Line 17(page 3): what is the code. Please explain more detail - Line 9 (page 4): Does the GEBCO data include river (up to Can Tho city) bathymetry? I'm afraid not. Please provide sources of river bathymetry. - Line 2 (page 5): Should be Can Tho, not “Can Thao” - Line 21 (page 5): What is the superscript “5” - Line 29 (page 5): 150 years should be enough (not “or longer”) - Line 22 – 30 (page 7): Should provide more information about other cases (in Bangladesh, Myanmar) on wind speed, frequency - Line25-26 (page 8): please provide references - Line 3 (page 9): please provide references - Line14-15 (page10): please provide references on “mangrove decrease”. Actually, this line maybe not suitable in the conclusion.

Interactive comment on Nat. Hazards Earth Syst. Sci. Discuss., <https://doi.org/10.5194/nhess-2017-365>, 2017.

C2