

Interactive comment on “Italian Tsunami Effects Database (ITED): the first database of tsunami effects observed along the Italian coasts” by Alessandra Maramai et al.

Anonymous Referee #4

Received and published: 20 August 2019

The paper describes structure and the data content of the ITED (Italian Tsunami Effect Database) that was created as a supporting part of the EMTC (Euro Mediterranean Tsunami Catalogue) database. The data on coastal tsunami manifestation, compiled within the ITED, have been collected from a variety of published and archival sources and were carefully revised. They are extremely important for assessment of tsunami hazard along the Italian coast. The paper is written in a compact and informative manner and can be published as it is, after several minor corrections listed below.

Page 4 line 4 Reference for (Guidibini et al., 2018) is absent in the Reference list.

Page 4 line 33 "... where inundation values are specified,..." . " values" is a very

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general term, it should be replaced with more specific term like "extent" or "distance"

Page 5 line 35 Reference for (Guidibini et al., 2018) is absent in the Reference list

Page 6 line 13 The indicated web-reference does not work

Page 6 line 14 "the OP" should be types as "OPs"

Page 8 line 35 (References) Is the paper (Platania, 1909) written in Italian? In this case "(in Italian)" should be added to its reference

Page 9 line 1 (References) The reference Rovida A., Locati M., Antonucci A., Camassi R. (eds.): Italian Archive of Historical Earthquake Data (ASMI). Istituto Nazionale di Geofisica e Vulcanologia (INGV). <https://emidius.mi.ingv.it/ASMI/> in the text is cited in two different ways Rovida et al., 2016 (page 3 line 32) Rovida et al., Eds (page 3 line 35) Rovida et al., 2016 (page 5 line 35)

Page 9 line 12-13 (References) The reference TSUMAPS-NEAM Interactive Tool: <http://ai2lab.org/tsumapsneam/interactive-hazard-curve-tool/> last access July 2019. is not mentioned in the text

Page 12 line 3 (in caption to Figure 3) webApp should be typed as WebApp (as in the text)

In some places, the English should be polished up (several examples are below): "being affected during times" (page 5 line 4) "accordingly to the new achieved info" (page 5 line 27) "About the 1690 event, . . ." (page 5 line 35) "provoking victims" (page 5 line 36) "respect to EMTC" (page 6 line 4) "struck localities" (page 6 line 15) "The events. . . are divided into 4 main causes" (page 6 line 35) "filtering expressions" (page 7 line 8) "also distant sources, including in ITED also the effects produced on the Italian coasts" (page 7 line 29)

Please also note the supplement to this comment:

<https://www.nat-hazards-earth-syst-sci-discuss.net/nhess-2019-241/nhess-2019-241->

Interactive comment on Nat. Hazards Earth Syst. Sci. Discuss., <https://doi.org/10.5194/nhess-2019-241>, 2019.

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