

Interactive comment on “Modelling and assessment of urban flood hazards based on rainfall intensity-duration-frequency curves reformation” by Reza Ghazavi et al.

Anonymous Referee #2

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This research paper attempts to model and evaluate urban flood hazards in a region of Iran. The paper is difficult to read because of the poor English language used by the authors and very weak since several research aspects need to be better stated and analyzed.

The general objectives of the work are stated at the end of the introduction and they are not well discussed. The overall presentation quality is low and the scientific rigor is not sufficient for an acceptable scientific paper. Although the application could be of good scientific interest, as it is presented, the paper is not still worth of publication.

The introduction seems to be a sort of a ‘collage’ of different pieces and the proposed work it is not well contextualized in the scientific literature. The authors want to compare

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the impact of the use of two IDF curves on the urban drainage system. At the beginning of the work they declare to have derived a new IDF curve but in the central part of the manuscript also this second IDF curve is provided by other studies.

Please, see attached the annotated file with further comments and suggested edits. In my opinion the paper must be deeply revised before to be reviewed again. Highlighted sentences require revision.

Please also note the supplement to this comment:

<http://www.nat-hazards-earth-syst-sci-discuss.net/nhess-2016-304/nhess-2016-304-RC2-supplement.pdf>

Interactive comment on Nat. Hazards Earth Syst. Sci. Discuss., doi:10.5194/nhess-2016-304, 2016.