

Interactive comment on “Current and Future Climate Compound-Event Flood Impact on Coastal Critical Infrastructures” by Mariam Khanam et al.

Mariam Khanam et al.

giulia.sofia@uconn.edu

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We wish to thank the reviewer for their valuable suggestions. We agree with the critiques raised during the review process, and we will do our best to address them and incorporate all the suggested changes in the revised paper. Broadly summarising, the key changes that will be provided are:

1. Revision of the title 2. Revision of the introduction, providing a more clear framework for this study, to highlight the importance of this work. We will improve the literature background as well. 3. Improvement of the discussion regarding model calibration and validation 4. Revision of the discussion chapter, with more quantitative analysis, and revision of the 'concluding remarks' to highlight how this work promotes the current risk

C1

assessments of compound flood hazards. 5. Revision of figures, figure captions and tables. 6. Proof-reading and editing regarding referencing and formatting

Our detailed answer to each specific comment is provided in the attached document.

Please also note the supplement to this comment:

<https://nhess.copernicus.org/preprints/nhess-2020-132/nhess-2020-132-AC2-supplement.pdf>

Interactive comment on Nat. Hazards Earth Syst. Sci. Discuss., <https://doi.org/10.5194/nhess-2020-132>, 2020.

C2