Responses to Editor's and Reviewers' comments on:

"Quantifying cascading uncertainty in compound flood modeling with linked process-based and machine learning models"

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Editor (EC)

Thank you for re-submitting your manuscript "Quantifying cascading uncertainty in compound flood modeling with linked process-based and machine learning models".

One reviewer has provided reviews and comments on the new version of the manuscript. The reviewer praised the outstanding quality achieved in your work, both in terms of its scientific rigor and its presentation. Therefore, the manuscript can now be accepted for publication in Hydrology and Earth System Sciences (HESS) journal, before addressing the following two minor technical suggestions:

- The summary of the hydrodynamic and regression models developed for the study area was not in the revised version before section 2.1, as the authors say in the response document.
- Add to the manuscript text the authors' explanation/justification of the rainfall input source (Harris County Rain Gauge +ERA 5) and not just on the response to reviewers since the readers will ask this same question.

Therefore, I would like to invite you to submit a revised version of your manuscript, addressing these indications, as suggested in the reviewer's report. I look forward to seeing the next version of your manuscript which I will not send out for further review.

Thanks for the opportunity to submit the final revised version of the manuscript. We have now addressed the two minor technical suggestions suggested by the reviewer.

On behalf of the co-authors,

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