

## ***Interactive comment on “Inundation mapping based on reach-scale effective geometry” by Cédric Rebolho et al.***

**Anonymous Referee #2**

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I would like to thank the authors for their valiant effort to answer quickly my questions and comments. I did appreciate the approach and results of the application of the Morris method. And, yes, results of a sensitivity analysis will depend on the case study. That being said, they were somewhat silent on why they opted out of applying the Sobol method to further our understanding of MHYST. Why wasn't it undertaken?

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Interactive comment on Hydrol. Earth Syst. Sci. Discuss., <https://doi.org/10.5194/hess-2018-146>, 2018.