

# ***Interactive comment on “Development of a hydrological ensemble prediction system and a visualization approach for improved interpretation during typhoon events” by Sheng-Chi Yang et al.***

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Dear Authors,

first I want to thank you for picking up our "Peak-Box" and work with it. I liked very much your way to adopt it and to use other quantities to draw the box and evaluate the forecasts. I am fully satisfied on how you acknowledged our previous work.

I have some comments and request in the annotated PDF. Here the main points:

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- Please expand on the specific application the adopted rainfall-runoff / storm-surge and flood routing models in your target area including information on calibration and validation. These outcomes should be included in my opinion in the "Setup" chapters.
- The RMSE and Spread-Skill definition should be also moved in the methods section.
- I want the authors to compute a version of table 2 using Equation 2 of our original Peak-Box paper and include this as supplementary material. The outcomes should be discussed in the paper (see detailed comment in the document).

Best regards  
Massimiliano Zappa

Please also note the supplement to this comment:  
<http://www.hydrol-earth-syst-sci-discuss.net/hess-2017-264/hess-2017-264-RC1-supplement.pdf>

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