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Comment on nhess-2022-36

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Community comment on "A multi-strategy-mode waterlogging-prediction framework for urban flood depth" by Zongjia Zhang et al., Nat. Hazards Earth Syst. Sci. Discuss., <https://doi.org/10.5194/nhess-2022-36-CC1>, 2022

This is an important topic and the paper is clearly written but here are a number of comments which should be noted.

- In the literature review, the authors introduced Physically based models, Statistical methods and Data-driven models, but do not explore the connection between the previous study and the study.
- The authors developed a multi-strategy-mode that can forecast the urban flood depth. The 3 strategies used by the authors are included in the 5 strategies commonly used in time series forecasting (such as Recursive, Direct, DirRec, MIMO, DIRMO). Please explain difference between multi-strategy-mode and the commonly used strategies.
- The prediction accuracy of 81.6% is a result of one of three tried strategie(Rec), it is not a result of multiple strategies fusion.
- The paper said that "accuracy of predicting is superior to many data-driven prediction models for waterlogging depth", I hope the authors give examples and discuss further.