

## ***Interactive comment on “Study on Flood Control Safety Evaluation Based on Composite Risk Model” by Yingying Lan et al.***

### **Anonymous Referee #1**

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This paper in its present form is not suitable for publication for scientific reasons as well as reasons of poor English.

There is nothing new or novel about the content of the paper to the extent that it reads as if it is a case of a "simulation model looking for an application" that can then be published in a scientific journal.

From the perspective of dams engineering the problem to be solved is totally under-specified and over simplified as the dam and reservoir system is only described in geographic terms with no meaningful engineering specification.

If the subject matter of this manuscript is to be considered for publication then it will require complete reformulation with proper explanation. The deficiencies in the expla-

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nation are highlighted in the text.

The lack of any engineering specification beyond the hydrology is a fundamental deficiency.

Please also note the supplement to this comment:

<https://www.nat-hazards-earth-syst-sci-discuss.net/nhess-2019-236/nhess-2019-236-RC1-supplement.pdf>

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Interactive comment on Nat. Hazards Earth Syst. Sci. Discuss., <https://doi.org/10.5194/nhess-2019-236>, 2019.

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