

***Interactive comment on* “The influence of global climate and local hydrological variations over streamflow extremes: The tropical-mountain case” by Juan Contreras et al.**

Anonymous Referee #3

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First of all, please allow me to make a suggestion. The current form of the submission is not friendly to readers, which put all the tables and figures at the end of the paper. Maybe this is required by the journal in the stage of submission, but I hope next time we can get a better version with all the tables and figures in the text. This will make the reading much easier.

Hydrological extremes such as floods and droughts are occurs more frequently with the climate change and human activities. The study of “The influence of global climate and local hydrological variations over streamflow extremes: The tropical-mountain case ” is of great interest. The paper is well written. My suggestion is: Minor Correction.

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There are some minor comments: 1. Further strengthen the novelties of this work in the Abstract and text. Clarify the differences and improvements of this work compared with the previous work. 2. Lines 81-82, “(3) There is a difference in the mechanisms of control of hydrological extremes in a relatively undisturbed and disturbed catchment?”, is this sentence supposed to be a question? 3. Lines 212, “Is important to note that linear approximations are the first terms within Tylor’s expansions and generally..”, the subject is missing. I think it should be change to “It is important to note that linear approximations are the first terms within Tylor’s expansions and generally...”. 4. Line 231, “explanatory variables influence the performance of the models to describe non-stationary ”, should be changed to “explanatory variables influence the performance of the models to describe non-stationarity” 5. Figure 3, the legend is missing. The caption is not clear enough for readers to understand the figure.

Interactive comment on Hydrol. Earth Syst. Sci. Discuss., <https://doi.org/10.5194/hess-2019-554>, 2019.

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