

Interactive comment on “Nonstationarities in the occurrence rates of flood events in Portuguese watersheds” by A. T. Silva et al.

F. Frances

ffrances@hma.upv.es

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I thought I was nominated as a reviewer, but the system says “no”. Probably I forgot to accept the nomination. Also, to be the last in this case means the least, because every important thing has been already discussed. Anyway, these are my comments.

The study of floods non-stationarity is becoming a key topic in Statistical Hydrology: not only in Portugal, but all around the world engineers does the same stationary assumption in flood frequency analysis. In fact, I am working in this topic! Additionally, the applied methods are perfectly correct. I.e., subject and methodology are appropriate for publication in a scientific journal.

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What is true the paper in its present form has many formal drawbacks and, in my opinion, only one significant one: the representativeness of the used data and, therefore, the potential generalization of the conclusions. But this problem has been already commented and explained in the interactive discussion.

So, with all the corrections proposed by the other reviewers and accepted by the authors, the paper can be published in HESS.

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