

Interactive comment on “Do small and large floods have the same drivers of change? A regional attribution analysis in Europe” by Miriam Bertola et al.

Alban Kuriqi

albankuriqi@gmail.com

Received and published: 19 August 2020

The work is interesting and important as well. Nevertheless, I doubt that you can come up with some conclusions for entire Europe, especially for the south of Europe. Most of the data come from central Europe, which more less has the same climate conditions. There is a lack of representative data from the most diverse climate and vulnerable regions, namely south of Europe. Surprisingly, although there are data available, even long records, more than half of the Iberian Peninsula is left out, is not considered in the analysis. Also, western Balkans almost out. Those regions are expected to be profoundly impacted by climate changes, why you did not consider

C1

hydrological data from those regions? I think it is not a proper way to extrapolate and/or interpolate results in such disproportionate data consideration. I wonder, is this a perfect work? Frankly speaking, I would say not, and it is ok because science is evolving and improving by time. Nevertheless, the authors do not talk about the limitations of the work. I believe this is a critical issue to be discussed in the manuscript. I see you have a section called “ Model assumptions”, I think this is a bit confusing because not every assumption can be a limitation. I would suggest to move it in the method section, not in the discussion. The discussion section needs to be elaborated more; the current version does not cover all aspects of the study. Conclusions also need some further elaboration.

Interactive comment on Hydrol. Earth Syst. Sci. Discuss., <https://doi.org/10.5194/hess-2020-396>, 2020.

C2