

## ***Interactive comment on “Considering hazard estimation uncertain in urban resilience strategies” by B. Barroca et al.***

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Received and published: 3 July 2014

My opinion is that the extreme-value analysis presented in this paper is interesting. I was particularly interested by Section 2.1.3 which highlights some similarities between block maxima and peaks over threshold approaches. These methods are used to be presented as very different in the extreme-value literature. At the opposite, the deep similarities are very well highlighted by the authors in this paper. The practical comparison on the Besancon dataset is also of interest (Section 3.2). It shows very well the sensitivity of extreme-value approaches to some external choices: estimation methods, choice of the domain of attraction, number of extreme-value statistics ... These sensitivity issues are up-to-date questions

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in the extreme-value community. I would also recommend the reading of the report from the ExtraFlo project [https://extraflo.cemagref.fr/extraflo-project-feb-2009-jan-2013/view?set\\_language=en](https://extraflo.cemagref.fr/extraflo-project-feb-2009-jan-2013/view?set_language=en) which addresses similar questions.

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Interactive comment on Nat. Hazards Earth Syst. Sci. Discuss., 2, 4235, 2014.

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