

Interactive comment on “A spatial bootstrap technique for parameter estimation of rainfall annual maxima distribution” by F. Uboldi et al.

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The paper offers an inventive way of determining the frequencies associated with annual rainfall maxima over a range of time intervals and inhomogeneous space. The technique of Bootstrapping the Gauge readings, using probabilities inversely weighted by distance and altitude, is a fruitful way of utilising the information in short records and ‘watering down’ the violent effect that local rare extrema have on the upper tails of the distributions. The paper is competently presented and argued and is very well written.

I have one request, which does not diminish the value of the work, and that is to provide a better summary of the procedure in Section 5, which is rather wordy and difficult to untangle without having to give it a second or third read through. May I suggest

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including an itemised list of actions, in pseudo-code, giving the logic of the procedure; this would help to sell the valuable ideas and make the ideas more available.

Apart from this last suggestion, I have great pleasure in recommending publishing the paper with minor revisions.

Geoff Pegram 15 November 2013

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