

## ***Interactive comment on “Streamflow characteristics from modelled runoff time series – importance of calibration criteria selection” by Sandra Pool et al.***

### **Anonymous Referee #1**

Received and published: 28 November 2016

This is good news. When I read the paper it was not obvious to me that this was the case. This probably seem clear to the writer, but to a reader not knowing about the previous work with the same model this was not so clear.

From my understanding the basic idea behind this paper is that for many purposes the commonly used Reff is not a good enough calibration criteria and you suggest different new approaches that can be used seperately or combined with Reff.

You mention in generalm terms that high peaks and low flow is not well enough simulated. Could this and other features the "good Reff model" does not capture be illustrated in the introduction as a background for the study and choice of additional criterions?

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The paper would also benefit of a short argumentation for the choice of SFC as calibration criterions. And also how these are calculated. Ieff does not tell med how you find the value for the criterions and the table does not say so either.

There are other comments in the paper that I hope make sense to you. And I look forward to see a revised version. I assume these suggested changes also will influence the discussion and that we will have another round on this when ready.

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Interactive comment on Hydrol. Earth Syst. Sci. Discuss., doi:10.5194/hess-2016-546, 2016.

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