

Manuscript hess-2018-386 entitled “Linear Optimal Runoff Aggregate (LORA): A global gridded synthesis runoff product”

We would like to thank the editor and referees for their constructive comments on our manuscript. As advised by the editor and Lukas Gudmundsson, we have made the following changes to the manuscript and supplements:

1) Increased the resolutions of the figures from 72-100 dpi to 600-1200 dpi.

2) Commented on Fig5:

Furthermore, the boxplot in Fig. 5 shows that, overall, when the uncertainty estimates are computed out-of-sample they are very similar to what they would have been if they were computed in-sample. Note however that the spread of results is large and that in 25% of the cases, uncertainty estimates are less than half of the in-sample results.

3) Added a plot for runoff uncertainty to the supplements

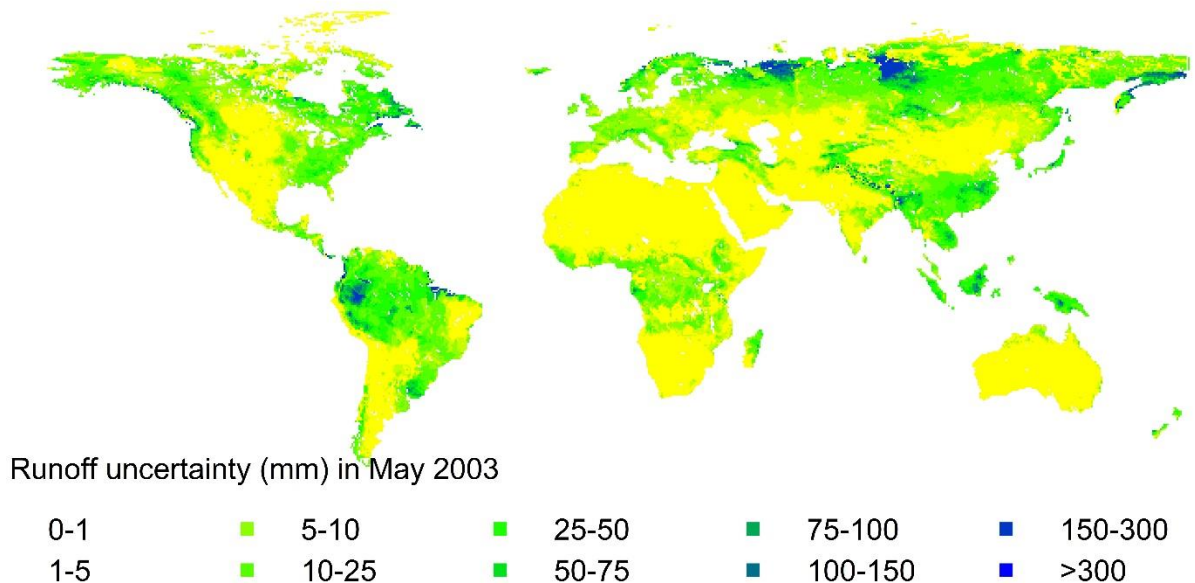


Fig. S8: Global map of LORA uncertainty fields (mm) in May 2003