

## ***Interactive comment on “Evaluation of ensemble precipitation forecasts generated through postprocessing in a Canadian catchment” by Sanjeev K. Jha et al.***

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This paper addresses the difficult problem of forecasting rare and extremely damaging flood-causing rainfall in Canada, in rocky terrain over the Calgary subcatchment, one of 15 in a moderately large area. The forecasts reach out to a lead time of 5 days and are performed using two rainfall forecasting products: GEFS of NCEP and GDPS of ECCO. [Yes, the paper is full of acronyms - I counted 15.] The mathematical treatment of reconditioning the forecasts to remove bias was based on work by Robertson et al, who applied the method using the ACCESS rainfall NWP model on Australian catchments.

There is not much theoretical novelty in the paper, but it transfers a clever tool [I read

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Robertson to understand it] and is so well written and explained in such a practical manner [I could find not one error in the whole document!] that it is an exemplary proof of concept of a methodology in translation from one hemisphere to another with highly contrasted geographies.

I recommend publication as is.

Geoff Pegram 18 October 2017

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