Hydrology and
Earth System
Sciences
Discussions

Interactive comment on "A geostatistical data-assimilation technique for enhancing macro-scale rainfall-runoff simulations" *by* Alessio Pugliese et al.

Anonymous Referee #3

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(1) The symbol should confirm, such as equation (6); (2) This author exploring a technique for the daily streamflow simulation post processing, whether the name "data-assimilation technique" is ok or another name is better ; (3) This method used the information from local information (such as rainfall, landuse and topography) and neighbor watershed data (observation runoff data for FDC), Can we get the effect of local/ neighbor information on different part of runoff simulation (such as peak flow and baseflow) combined this technique; (4) Whether the method can be applied in real time forecasting, and hope the author give us some perspective; (5) I tried to do the example, but I cannot download the Observed daily streamflow series. http://www.water-switch-on.eu/sip-webclient/sip-beta/#/resource/12072.