

Interactive comment on “The importance of parameterization when simulating the hydrologic response of vegetative land-use change” by Jeremy White et al.

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Thanks for your review. We will work on the grammar!

Regarding the choice of subjective likelihood function, it is possible that a more QOI-focused function could be found and applied to yield a greater decrease in QOI-5 and I agree that NS is "blunt instrument". However, the 3-component likelihood function that we used is one that is largely accepted in the hydrologic modeling community and is applied almost by default to many modeling analyses without much thought to how the likelihood function can and should be tuned to the QOIs. We found >5,000 parameter sets that simultaneously meet the 3 components acceptably well, but in the end, QOI-5 remains uncertain especially when more sources of input uncertainty are represented

as parameters.

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