

***Interactive comment on* “On the sensitivity of meteorological forcing resolution on hydrologic metrics” by Fadji Z. Maina et al.**

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We thank the referee for acknowledging the scientific question highlighted in our work, as well as the experiments and the computations we performed. To the best of our knowledge, there aren't any existing studies, which utilize physics-based models to simulate both atmospheric and hydrologic processes in this coupled fashion with the goal to understand biases in resolution on hydrologic flow metrics. We have thoroughly revised the manuscript to highlight this novel approach and the importance of the study's findings. We have thoroughly revised the manuscript for clarity and worked to make the writing more succinct and clearer. We feel that these changes had improved the manuscript and made it more suitable for publication in HESS.

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Please also note the supplement to this comment:

<https://www.hydrol-earth-syst-sci-discuss.net/hess-2019-509/hess-2019-509-AC1-supplement.pdf>

Interactive comment on Hydrol. Earth Syst. Sci. Discuss., <https://doi.org/10.5194/hess-2019-509>, 2019.

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