

Geosci. Model Dev. Discuss., referee comment RC1  
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## **Comment on gmd-2020-399**

Anonymous Referee #1

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Referee comment on "Synergy between satellite observations of soil moisture and water storage anomalies for runoff estimation" by Stefania Camici et al., Geosci. Model Dev. Discuss., <https://doi.org/10.5194/gmd-2020-399-RC1>, 2021

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The paper is very thorough in presenting the novel and useful STREAM model. The paper is well-organized, clearly presented, and contains all necessary information for the reader to conceptualize and understand the design and validation. I am very interested in any future work applying this model to other global basins and its performance with respect to land surface models that require substantially more parameterizations and computational load.