Hydrology and Earth System Sciences Discussions

Hydrol. Earth Syst. Sci. Discuss., community comment CC1
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# Comment on hess-2021-48

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Community comment on "Climatic expression of rainfall on soil moisture dynamics in drylands" by Isaac Kipkemoi et al., Hydrol. Earth Syst. Sci. Discuss., https://doi.org/10.5194/hess-2021-48-CC1, 2021

1. The paper is well researched and concisely written. It gives critical climate variability dynamics in drylands that surge extremes and applications for forage and agriculture.
2. The authors have keenly selected a widely applied model that gives discourse on soil moisture and temporal rainfall resolution.
3. However, the authors mention Richards equation model that informs the Hydrus-ID yet the explanation is limited and doesn't come out clearly, I would appreciate the authors to give some of the underlying equations.

Based on the contribution of this paper to dryland hydrology and the Author's responses to first referee, I recommend this paper for publication.