April 28, 2022
HESS paper review – Sepulveda et al.

The authors have responded to each of the reviewer comments. I believe it is ready for publication.

Since this study looks at a larger number of parameters (soil, vegetation, and snow parameters) whereas all previous VIC parameter sensitivity studies have looked only at soil and maybe also vegetation parameters, it represents an advance and should inform future VIC model parameterization efforts.

I appreciate the analysis of grid cells with snowmelt vs. rainfall driven runoff. It is interesting that soil parameter sensitivity does not change much between the two, as long as the environment is humid.