

Hydrol. Earth Syst. Sci. Discuss., author comment AC2
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Reply on RC2

Gary Sterle et al.

Author comment on "CAMELS-Chem: Augmenting CAMELS (Catchment Attributes and Meteorology for Large-sample Studies) with Atmospheric and Stream Water Chemistry Data" by Gary Sterle et al., Hydrol. Earth Syst. Sci. Discuss.,
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We greatly appreciate the review comments of reviewer 2, particularly about better ways to frame the study and increase consistency and clarity. We understand your point about HESS versus ESSD, but would contend that the CAMELS database development has a track record in HESS (<https://hess.copernicus.org/articles/19/209/2015/> and <https://hess.copernicus.org/articles/21/5293/2017/>) making it a better fit. Moreover, we demonstrate several new, analyses that illustrate continental-scale patterns and link stream and atmospheric chemistry data, which are more apporparte for HESS. We can address this based on comments form the handling editor. We plan to address the detailed comments of the reviewer in our resubmission.