Atmos. Chem. Phys. Discuss., https://doi.org/10.5194/acp-2017-1236-AC3, 2018 © Author(s) 2018. This work is distributed under the Creative Commons Attribution 4.0 License.



## Interactive comment on "The influence of internal variability on Earth's energy balance framework and implications for estimating climate sensitivity" by Andrew E. Dessler et al.

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We agree entirely with this comment. Our revised energy balance framework (Eq. 4 in our paper) is a "proof of concept" that demonstrates that it is possible to do a better job describing Earth's energy balance than the conventional approach does. However, we don't expect it to be the final answer and agree with the commenter that a version using several regional temperatures may be superior.

Interactive comment on Atmos. Chem. Phys. Discuss., https://doi.org/10.5194/acp-2017-1236, 2018.