

Earth Syst. Dynam. Discuss., author comment AC1  
<https://doi.org/10.5194/esd-2021-27-AC1>, 2021  
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## **Reply on RC1**

Matthias Jonas et al.

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Author comment on "Quantifying memory and persistence in the atmosphere–land and ocean carbon system" by Matthias Jonas et al., Earth Syst. Dynam. Discuss.,  
<https://doi.org/10.5194/esd-2021-27-AC1>, 2021

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Detailed response attached.

Please also note the supplement to this comment:

<https://esd.copernicus.org/preprints/esd-2021-27/esd-2021-27-AC1-supplement.pdf>