

[2022/02/18 23:24] Masaki Satoh (AORI)

@Kawai san: Do you mean radiative effect of fog is smaller than shallow stratocumulus clouds in terms of SW?

[2022/02/18 23:29] Hideaki Kawai

Sato-san, Yes, what I wanted to say is like what you wrote. In addition, for cloud feedback, the feedback of fog change is much smaller than low cloud (clouds that are floating) feedback including stratocumulus, based on our investigation.

[2022/02/19 0:01] Hideaki Kawai

In addition, in the Southern Ocean, fog frequency (fraction) is about 5%, although (corrected) low cloud cover is more than 60%. That's why fog cannot contribute to the Southern Ocean radiation bias so much, I guess.

[2022/02/19 0:29] Ming Zhao (Guest)

Hi Chris -- Is the ECS of E3SMv2 obtained using 2-linear regression or a single linear regression of Gregory?

[2022/02/19 0:46] Andrew Gettelman (Guest)

Size dependent evaporation: Karset, I. H. H., A. Gettelman, T. Storelvmo, K. Alterskjær, and T. K. Berntsen. "Exploring Impacts of Size-Dependent Evaporation and Entrainment in a Global Model." *Journal of Geophysical Research: Atmospheres* 125, no. 4 (2020): e2019JD031817. <https://doi.org/10.1029/2019JD031817>.

[2022/02/19 1:04] Ming Zhao (Guest)

Thanks to the organizers for the very informative meeting.

[2022/02/19 1:06] Andrew Gettelman (Guest)

+1 Thanks for organizing! Looking forward to EarthCare and future collaborations!

[2022/02/19 1:07] Muelmenstaedt, Johannes Heinrich Georg

Looking forward to that! Thanks for the great workshop.

[2022/02/19 1:07] Richard Forbes

Thank you for a very informative and interesting workshop. Great to bring the modelling community together in the context of exciting observations! (Richard Forbes)

[2022/02/19 1:08] Bodas-Salcedo, Alejandro

Thanks for organising the workshop!