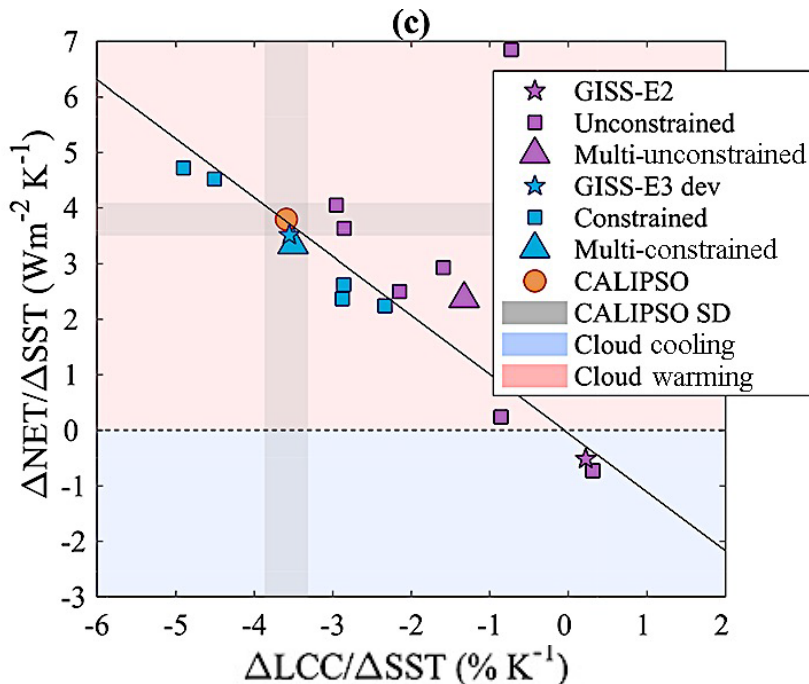
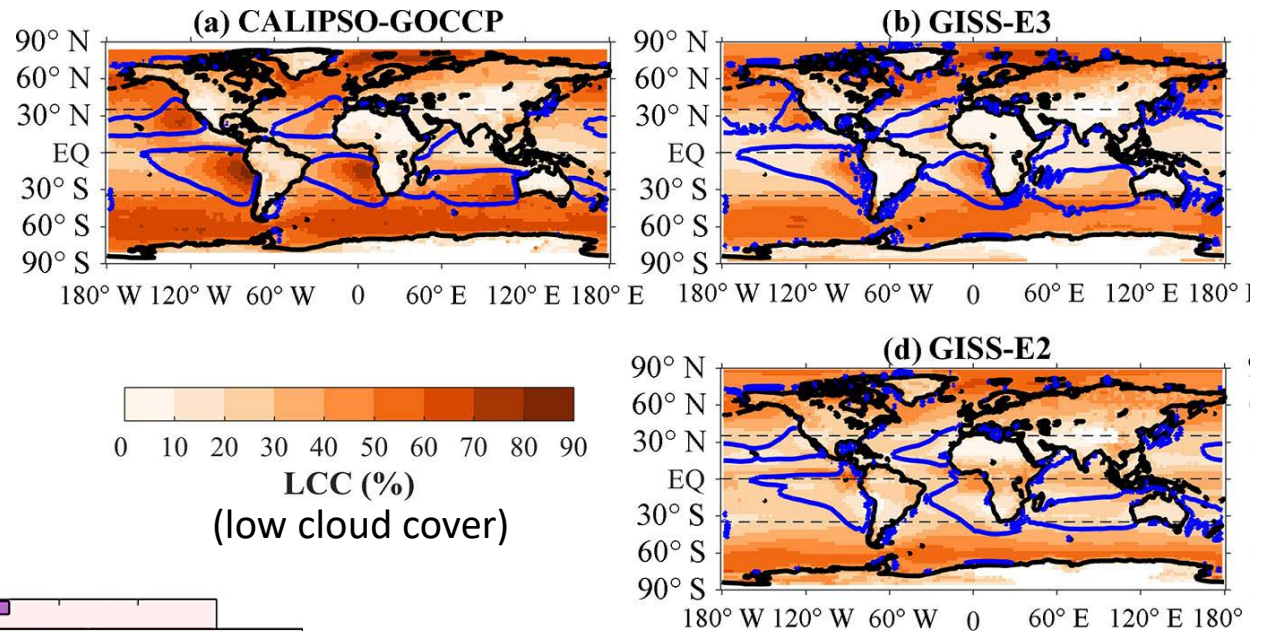


# Effect of improvements in GCM boundary layer and cloud physics

Stratocumulus decks now visible off west coasts of continents in GISS ModelE3; mostly non-existent in ModelE2



Sensitivity of net cloud radiative effect in subsidence regions to interannual SST changes now matches CALIPSO retrieval; implies positive low cloud feedback

Cesana, Del Genio, Ackerman, Kelley, Elsaesser, Fridlind, Cheng, and Yao, 2019: Evaluating models' response of tropical low clouds to SST forcings using CALIPSO observations. *Atmos. Chem. Phys.*, 19, 2813-2832