

Estimated cloud-top entrainment index **ECTEI** explains positive low-cloud-cover feedback

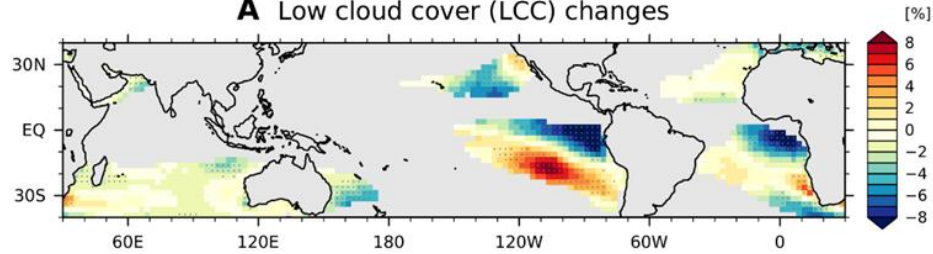
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amip-future4K – amip

Koshiro *et al.* (2022, PNAS)

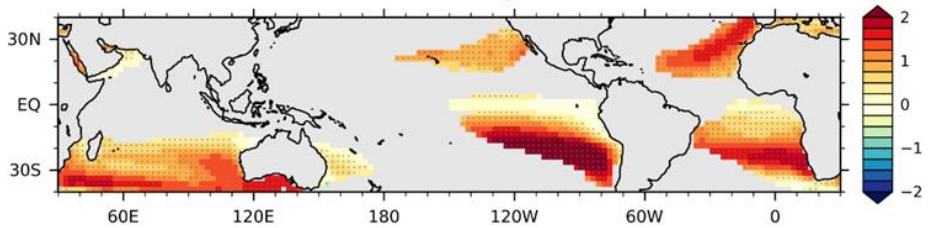
Annual ensemble means of 15 CMIP5/6 models

A Low cloud cover (LCC) changes

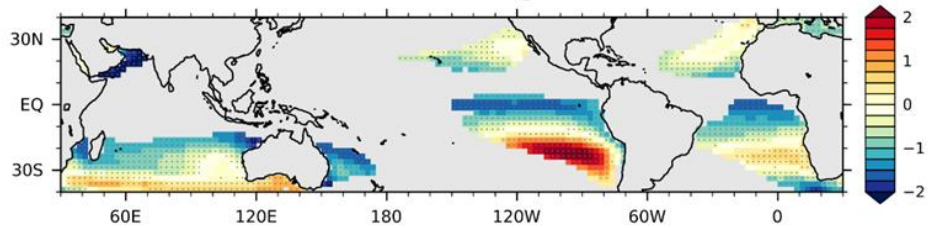


LCC is derived from ISCCP simulator output from COSP implemented in each model

B EIS changes



C ECTEI changes



This work clearly indicates the usefulness of the satellite simulator for cloud feedback studies