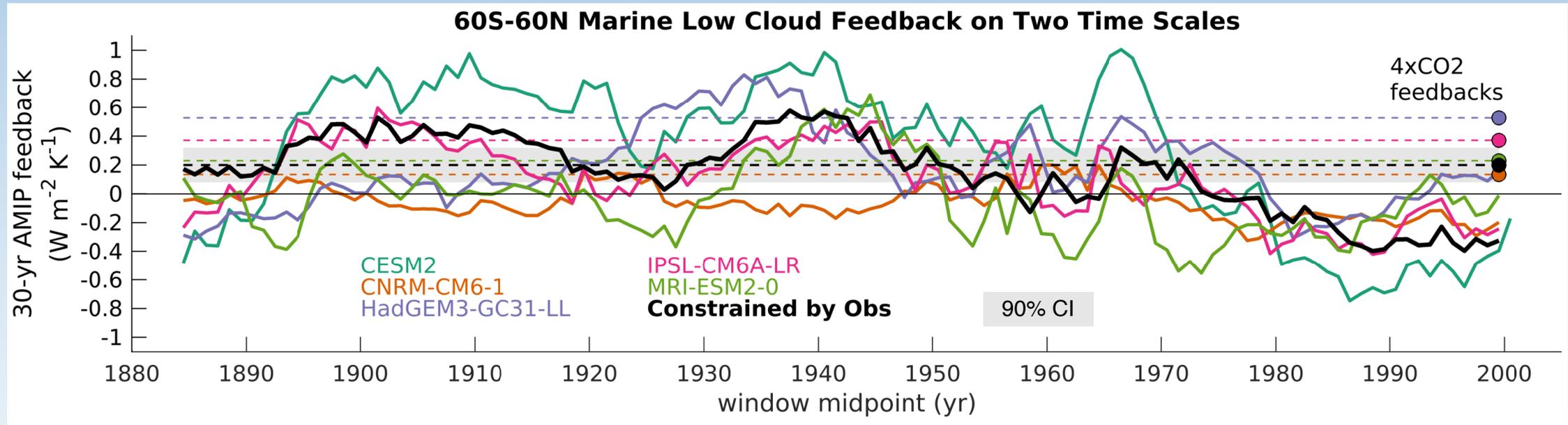


# Observational constraints on decadal low cloud feedbacks associated with varying sea surface temperature patterns

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Satellite observations are used to estimate the sensitivity of low clouds to meteorological perturbations\*. Combined with GCM simulations of meteorological changes associated with

- 1) Varying SST patterns in AMIP-piForcing experiments
- 2) Climate warming in abrupt-4xCO<sub>2</sub> experiments

This permits quantification of marine low cloud feedbacks on two time scales.