

Supplementary Information for

North Pacific surface warming pattern shaped by atmospheric responses and radiative feedbacks

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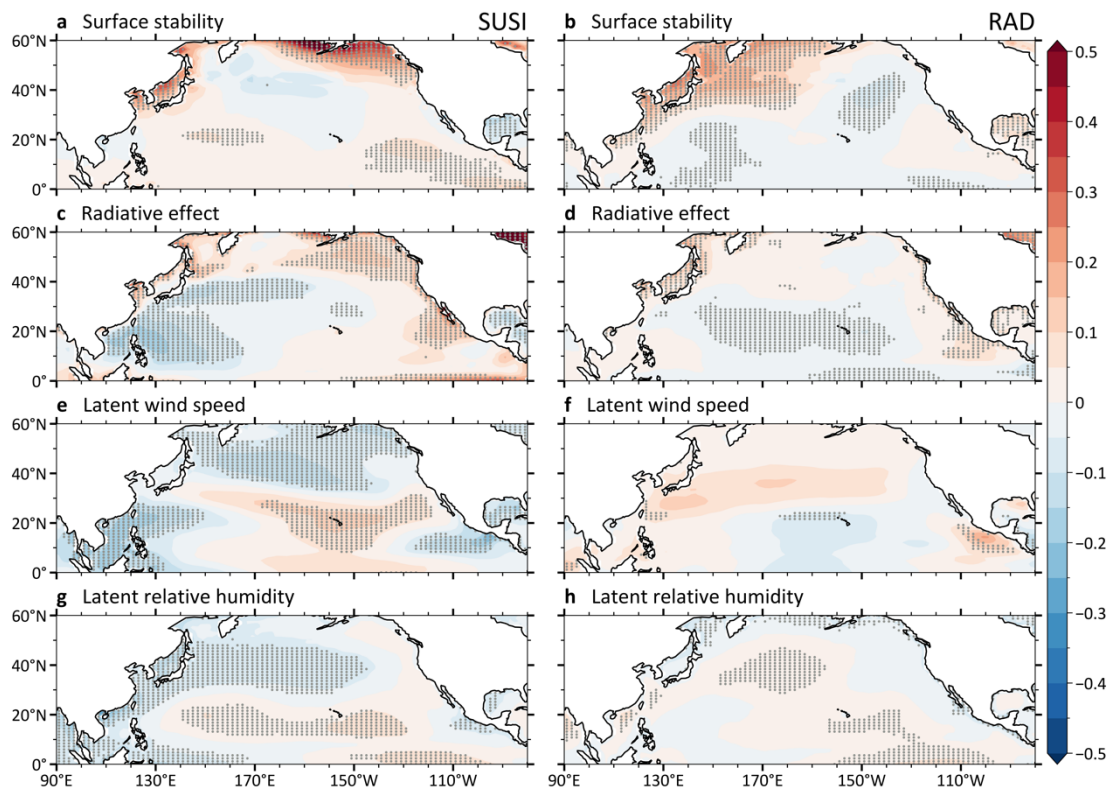
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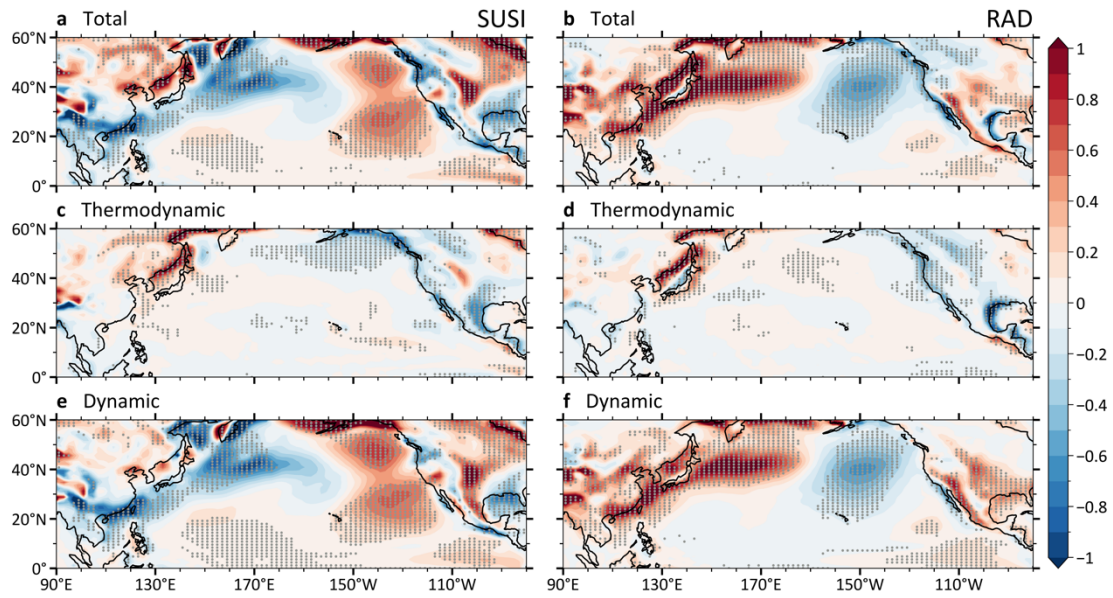
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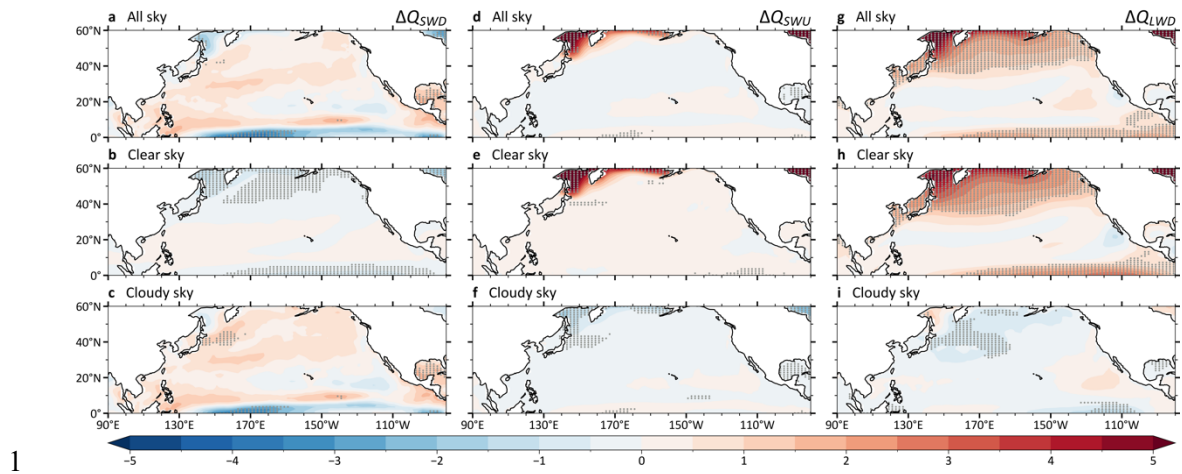
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2 **Supplementary Fig. 1 | Same as the SUSI plus RAD panels in Fig. 2, but separated**
 3 **into SUSI (left) and RAD (right).**

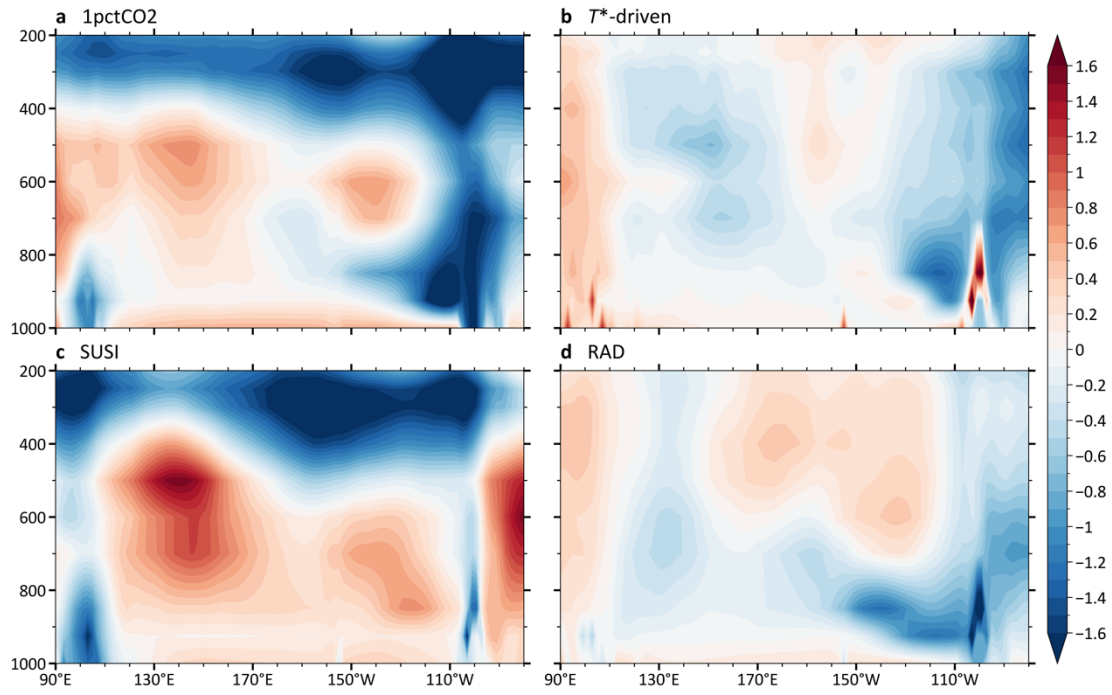


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- 2 **Supplementary Fig. 2 | Same as the SUSI plus RAD panels in [Extended Data Fig.](#)**
 3 **[3](#), but separated into SUSI (left) and RAD (right).**



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2 **Supplementary Fig. 3 | Same as in Fig. 4, but for the corresponding surface**
3 **radiative flux changes ($\text{W m}^{-2} \text{K}^{-1}$).**



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2 **Supplementary Fig. 4 | Relative humidity changes averaged over 15°-25°N (% K⁻**

3 **¹) for the (a) 1pctCO2 projection, (b) T*-driven effect, (c) SUSI, and (d) RAD.**