Supplemental Material for

Interannual Coupling between Summertime Surface Temperature and Precipitation over Land: Processes and Implications for Climate Change

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Supplementary Figure S1: Pixels falling into (from left to right) the upper-left, upper-right, lower-left, lower-right quadrants in Figure 8 in the different models. Quadrants are defined as parts of the binned plots in Figure 8 where SM-ET and ET-T correlations on the x- and y-axes are
significant at the 5% level (either positive or negative), that is, where these correlations are greater than 0.36 in absolute value. Represented over these pixels here are the values of T-P correlations over 1971-2000 in simulation REF (i.e., from Figure 3a). Thick red and blue contour lines indicate positive and negative significant T-P correlations (at the 5% level, cor=0.36 and cor=-0.36, respectively). Background land maps have been grayed (and interior borders were suppressed) to facilitate readability.
Supplementary Figure S2: (a) Significant changes in T-P correlation between 1971-2000 and 2071-2100 (future minus present) in simulation REF. Non-significant changes are whited-out. (b)
and (c): same as (a) for, respectively, SM-ET and ET-T correlations. Note that the color scale here is larger than for other correlation maps, since correlation differences may exceed 1 in absolute value. Background land maps have been grayed (and interior borders were suppressed) to facilitate readability.