

Electronic Supplementary Material to: The Linkage between Two Types of El Niño Events and Summer Streamflow over the Yellow and Yangtze River Basins*

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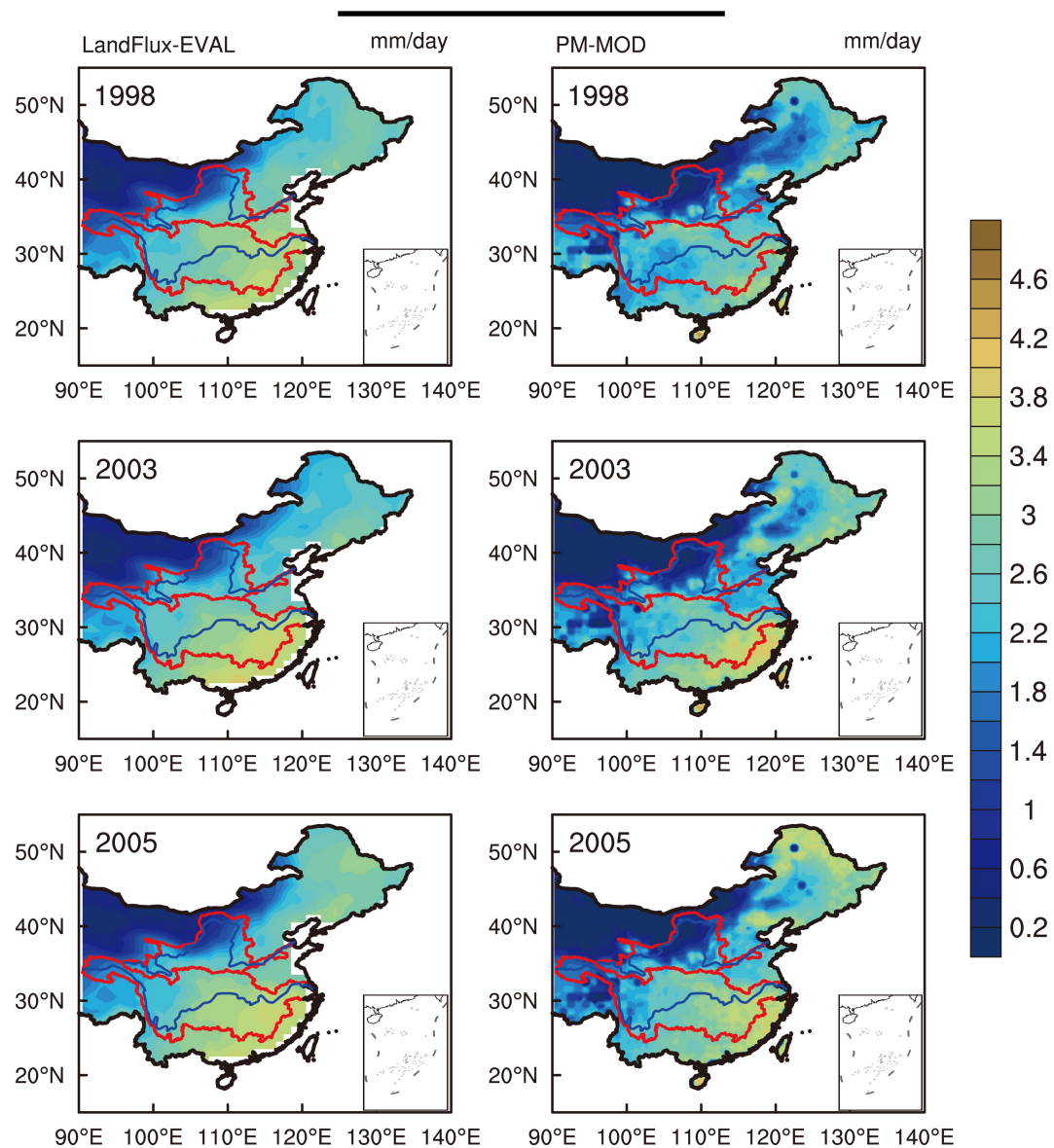


Fig. S1. The summer ET distribution maps by LandFlux ET (the left column) and PM-MOD ET in the EP or CP year. (Units: mm d⁻¹).

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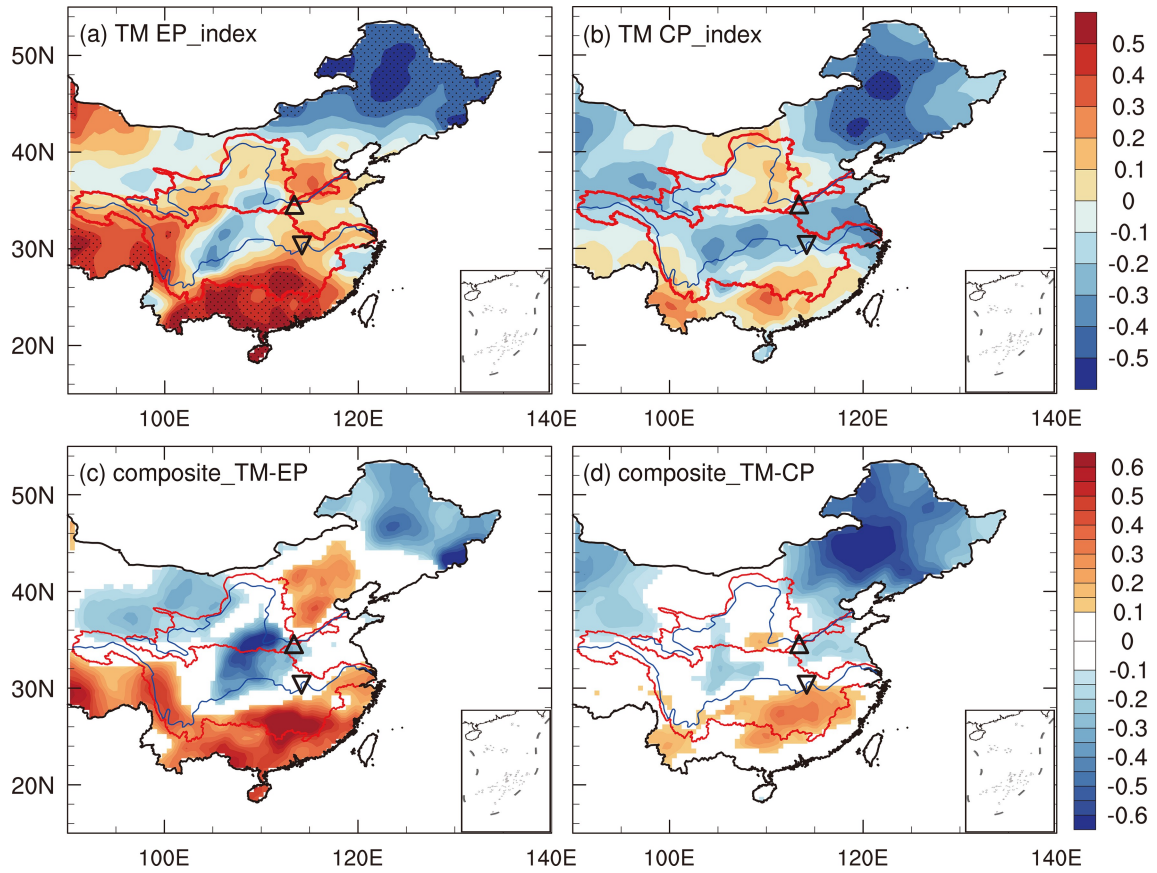


Fig. S2. Correlation of anomalous summer temperature (a), (b) with EP index (the left column) and CP index (the right column), respectively. Black dots regions show significant at 90% confidence levels. Black (inverted) triangle denotes the (Hankou) Huayuankou gauging station. The red curves surrounding regions are the range of the two river basins; (c) and (d) are the composite maps but leave the lower anomalies (-0.1 – 0.1 mm d $^{-1}$) blank (units: $^{\circ}\text{C d}^{-1}$).

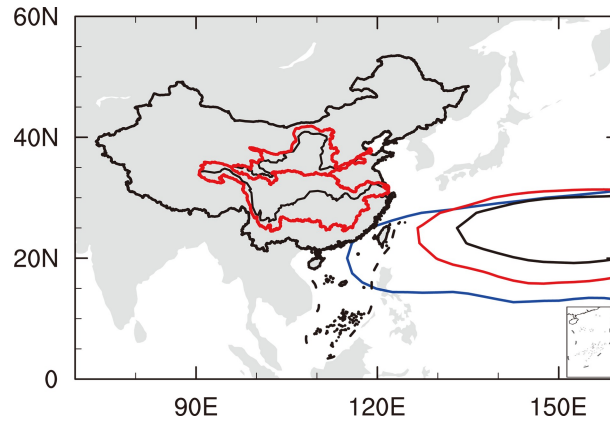


Fig. S3. Composite of the western Pacific subtropical high (WPSH) representing by the 5880 gpm contour line at the 500 hPa level for normal (black line), EP (blue line) and CP (red line) years, respectively.

Table 1. the basin average ET over Yellow and Yangtze River basins by using the LandFlux ET and PD-MOD ET. (Units: mm d $^{-1}$).

	Yellow River basin		Yangtze River basin	
	LandFlux ET	PD-MOD ET	LandFlux ET	PD-MOD ET
1998	2.14	1.46	2.82	2.35
2003	2.08	1.50	2.87	2.53
2005	1.97	1.48	2.91	2.61