

Interdecadal Variability of East Asian Summer Monsoon and Precipitation

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Features of the summer precipitation pattern changes are studied. This study shows that:

- 1) Two interdecadal variation: one in the end of 1970s, another around 1999;
- 2) After 1999, the summer precipitation in eastern China has changed significantly, with reduced rainfall over the middle-and-lower reaches of Yangtze River Basin;
- 3) The interdecadal change after 1999 is possibly related to variation of PDO, which is supported by the AGCM experiments with prescribed SST anomalies.

Keyword: Asian Monsoon, Interdecadal variability, Summer precipitation