

Supplementary Materials

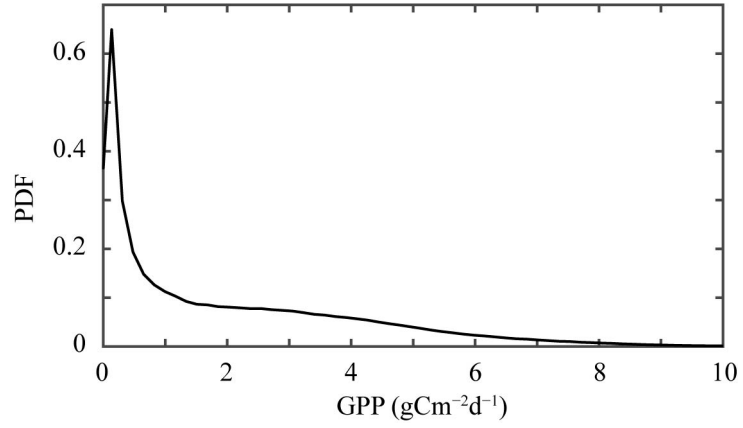


Figure S1. The probability density distribution of GLASS GPP during 1982-2014.

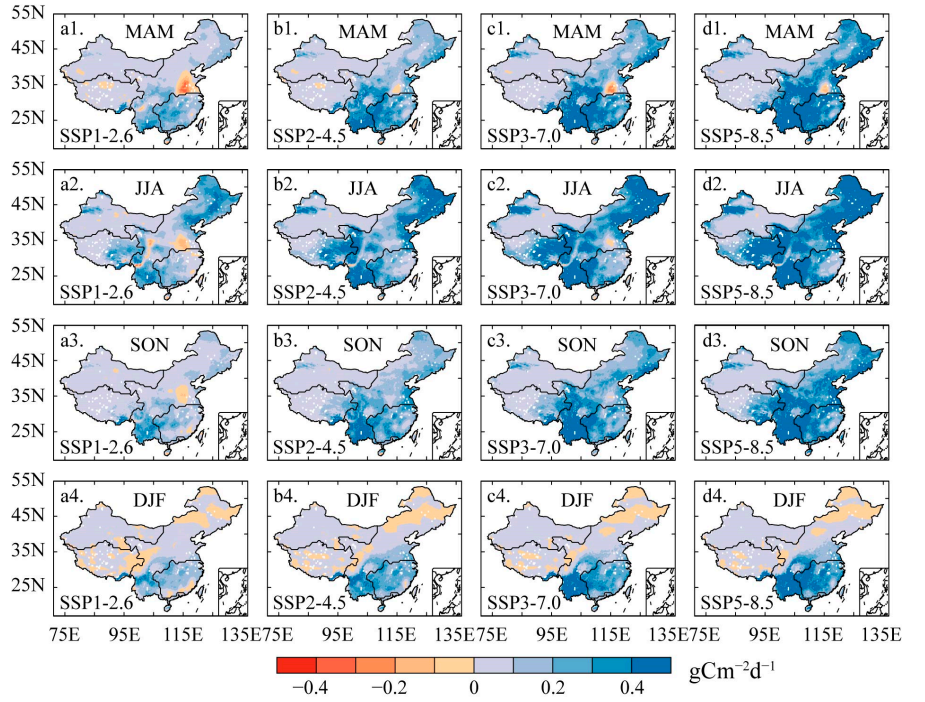


Figure S2. Spatial distribution of the multi-annual mean GPP in the far future (2071-2100) relative to baseline under (a1-a4) SSP 1-2.6, (b1-b4) SSP2-4.5, (c1-c4) SSP 3-7.0, (d1-d4) SSP 5-8.5 in (a1-d1) MAM, (a2-d2) JJA, (a3-d3) SON, and (a4-d4) DJF.

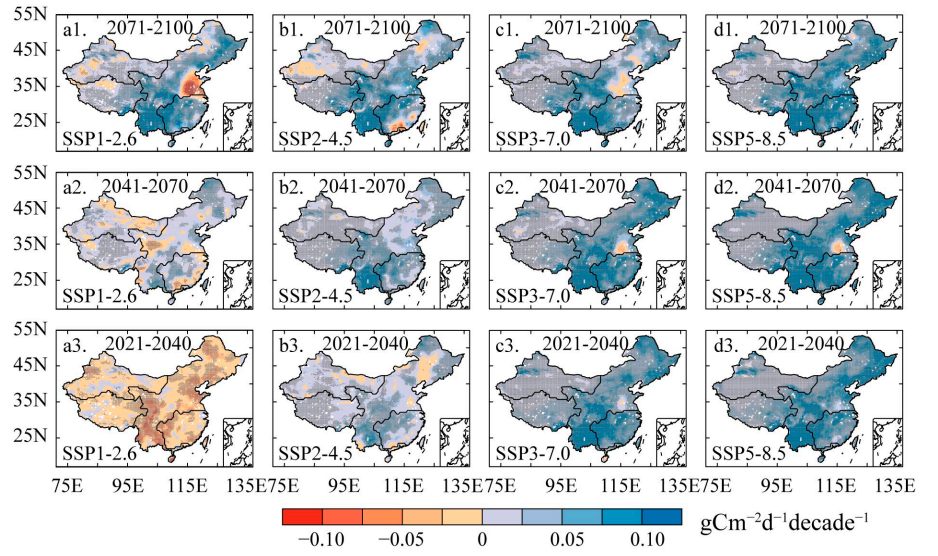


Figure S3. Spatial distribution of the variation trends of annual average GPP under four climate scenarios in near, middle and far future, with the dot indicating passing significance test at 5% level.