

Supplementary maps and graphs:

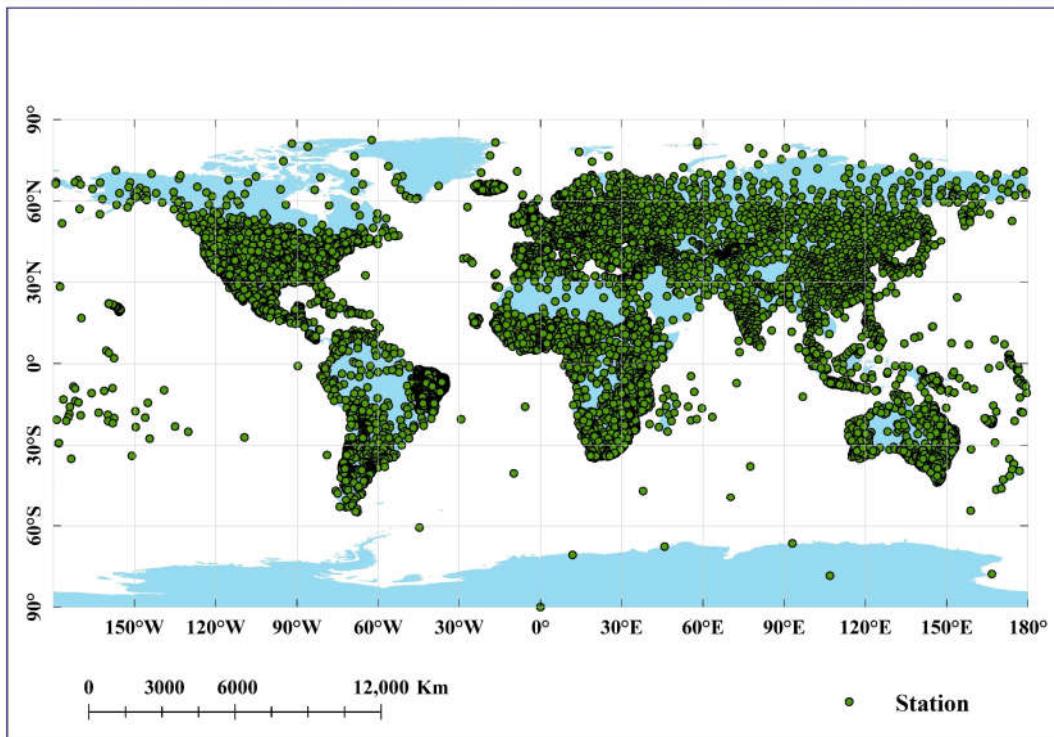


Figure S1. Map of CRU data site locations.

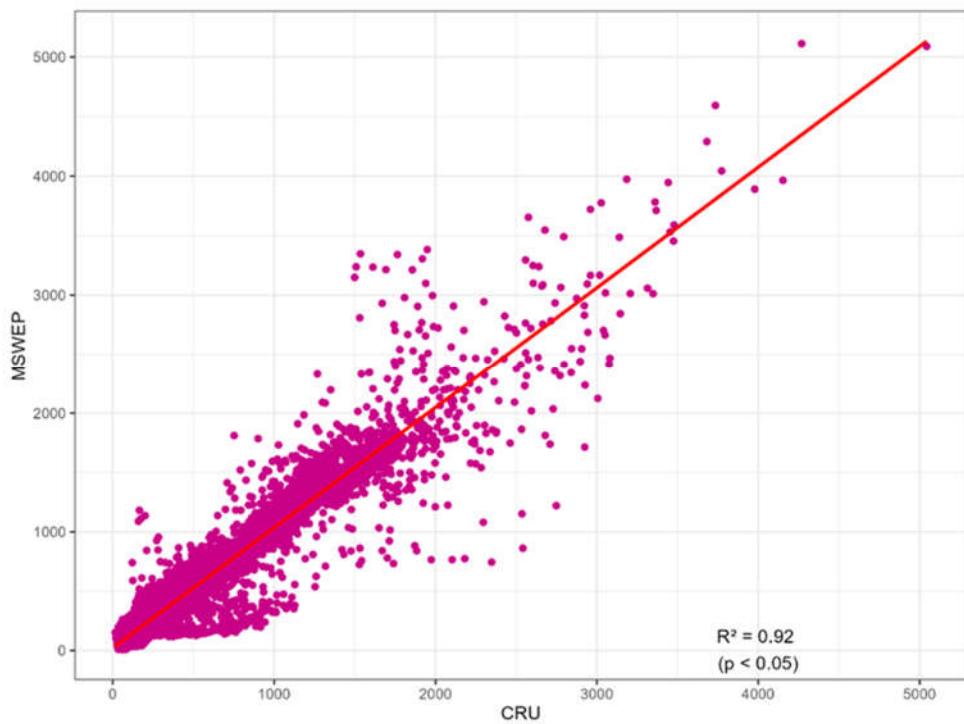


Figure S2. Fitted plot between CRU data and MSWEP data.

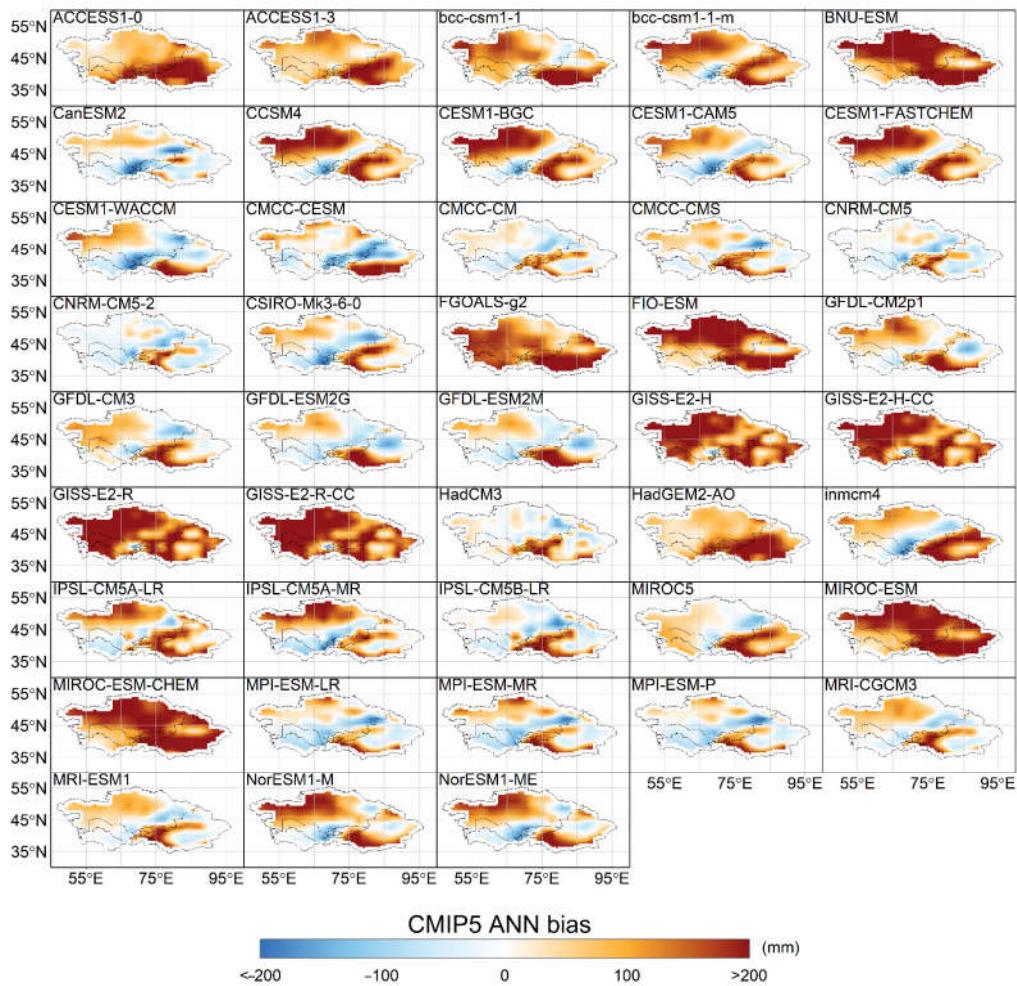


Figure S3. Spatial distribution of precipitation bias between CRU observations and CMIP5 models for ANN from 1959 to 2005.

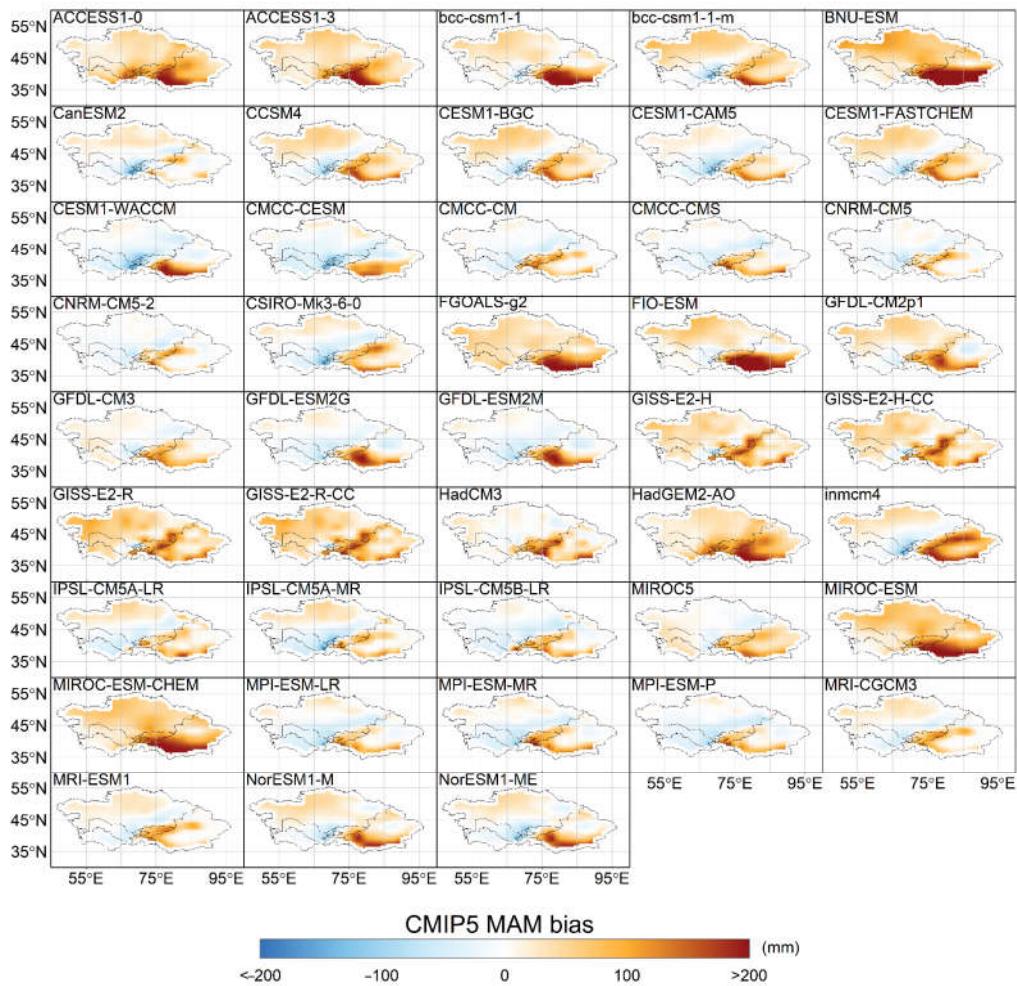


Figure S4. Same as Figure S3 but for MAM.

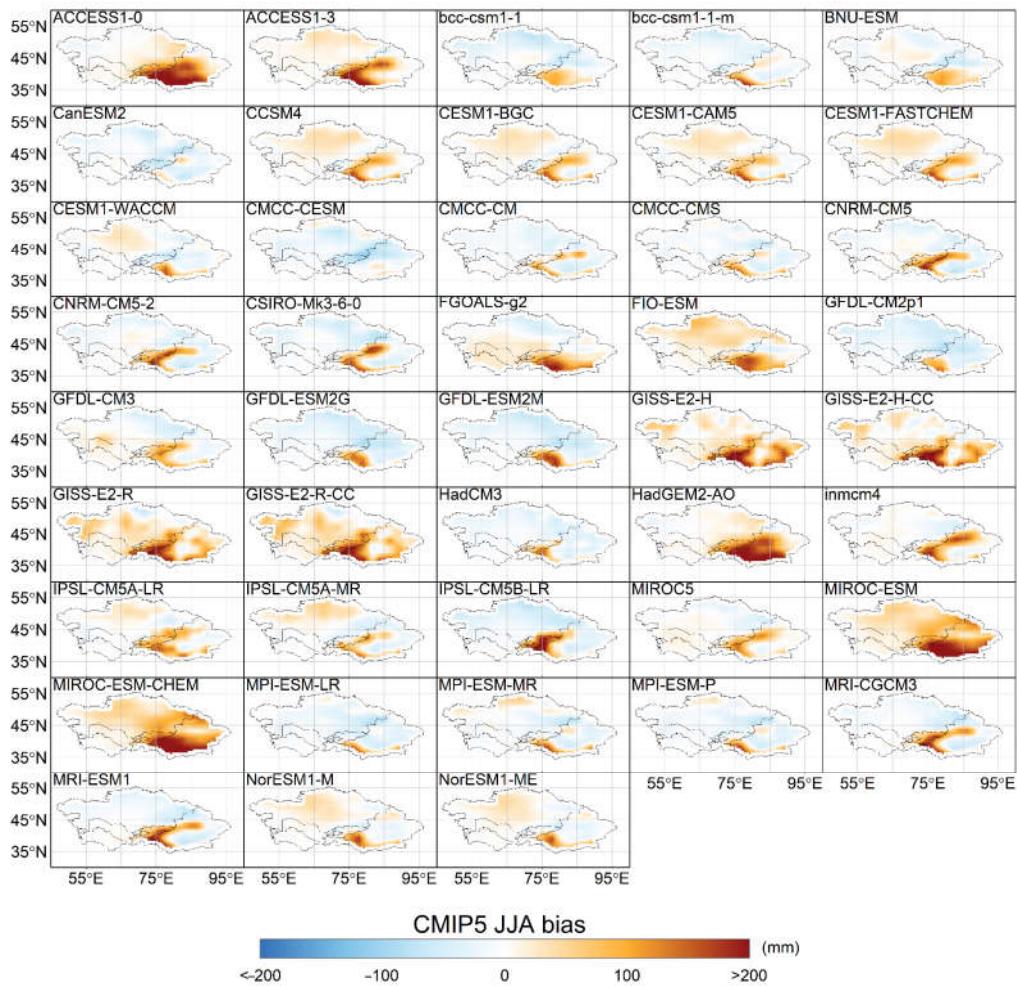


Figure S5. Same as Figure S3 but for JJA.

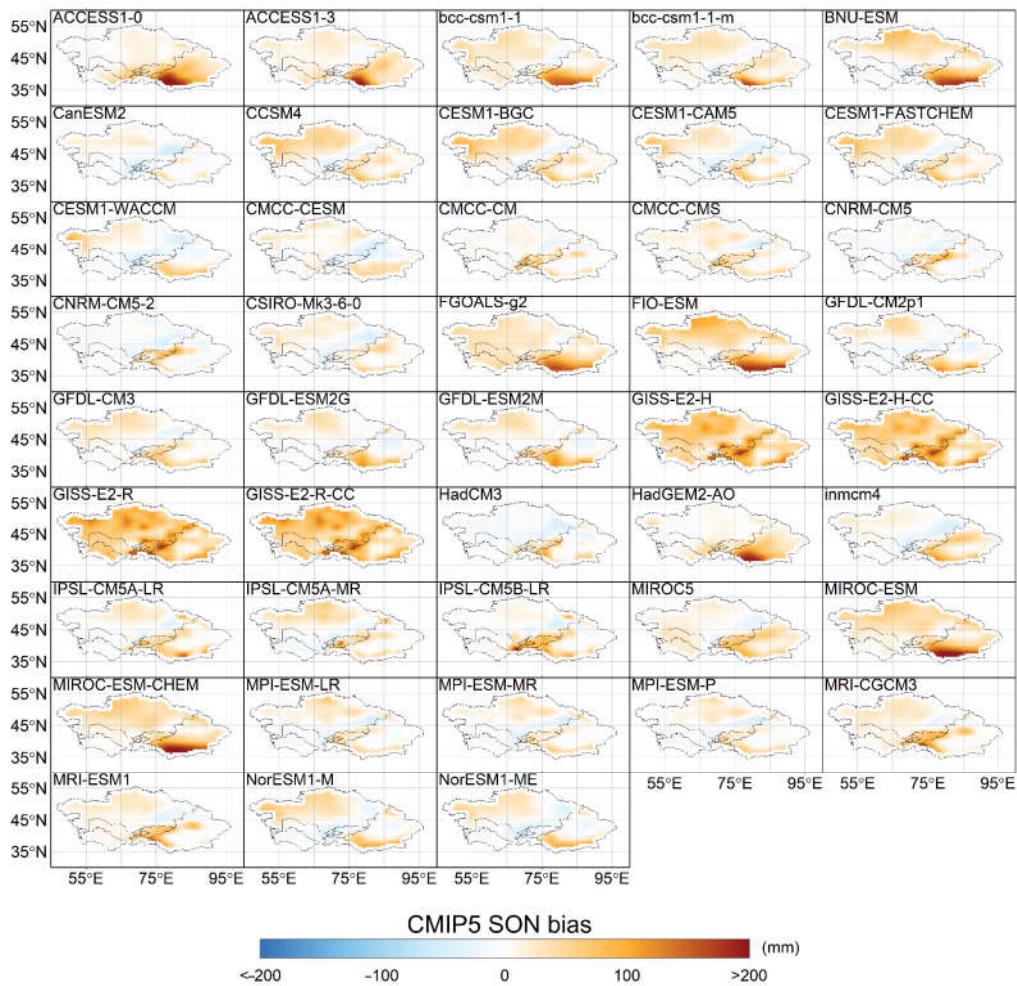


Figure S6. Same as Figure S3 but for SON.

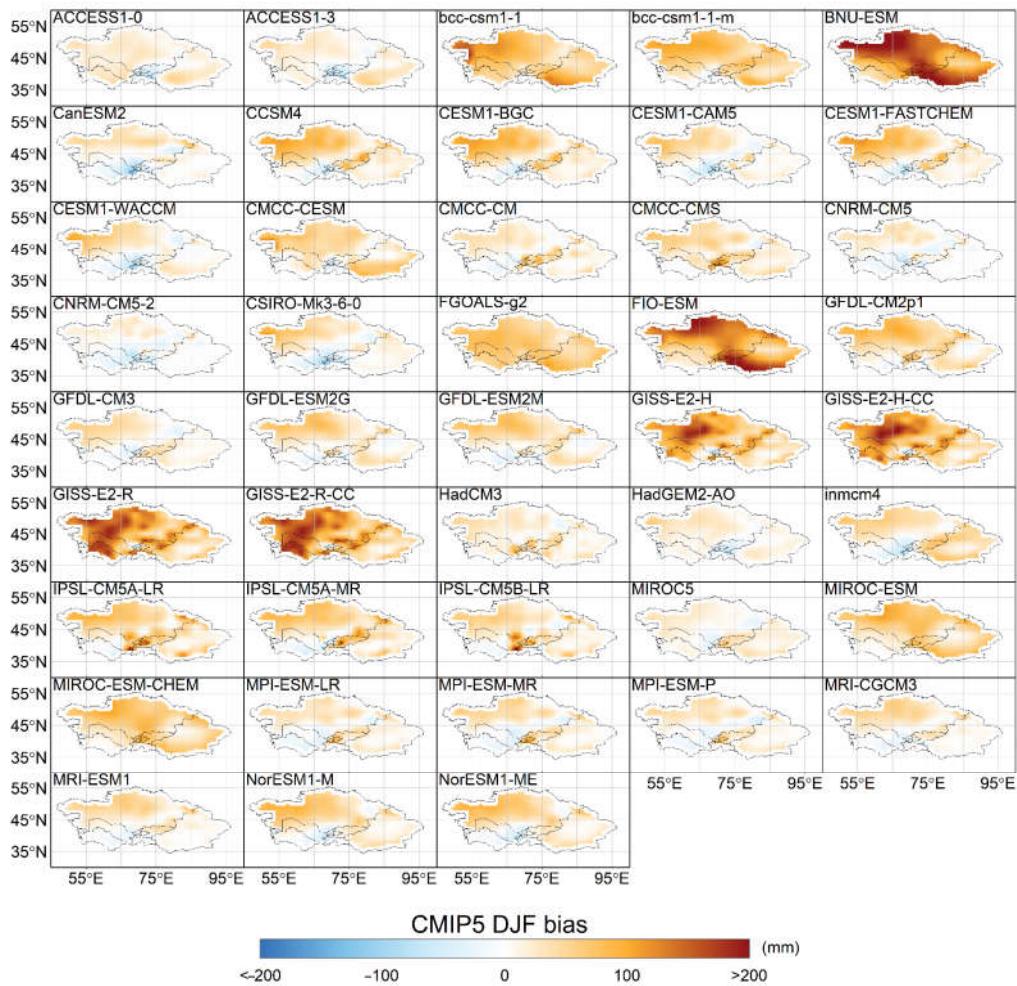


Figure S7. Same as Figure S3 but for DJF.

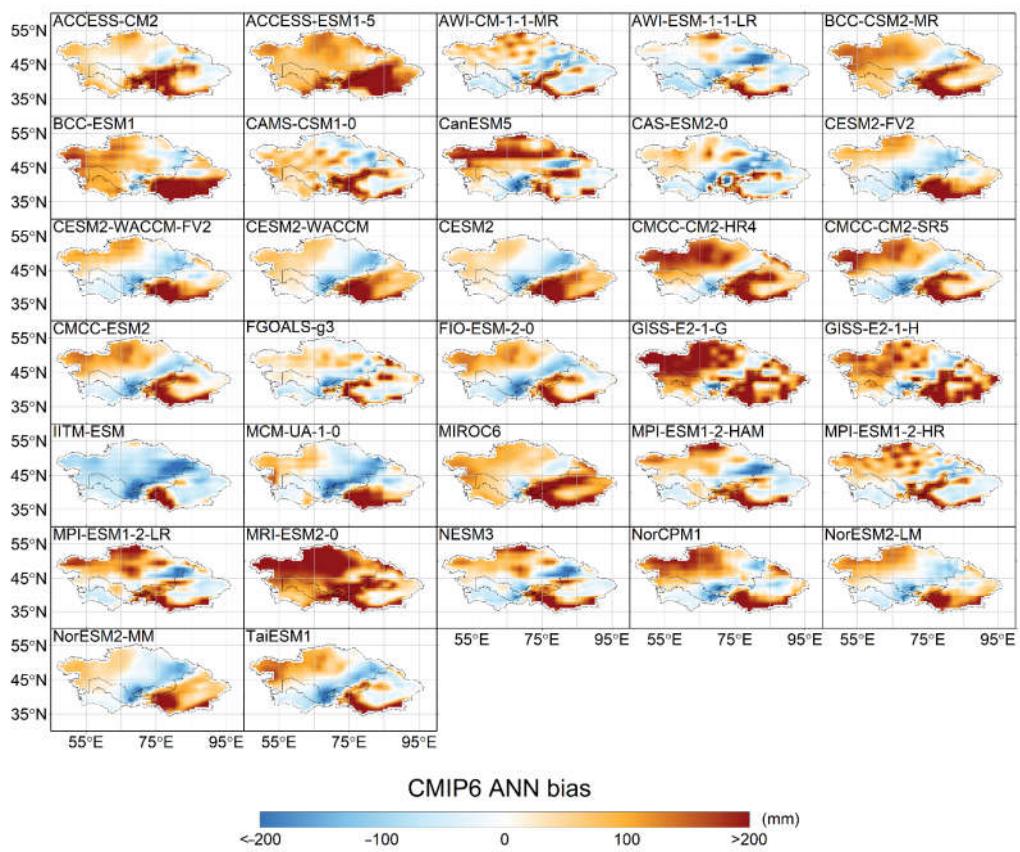


Figure S8. Spatial distribution of precipitation bias between CRU observations and CMIP6 models for ANN from 1959 to 2005.

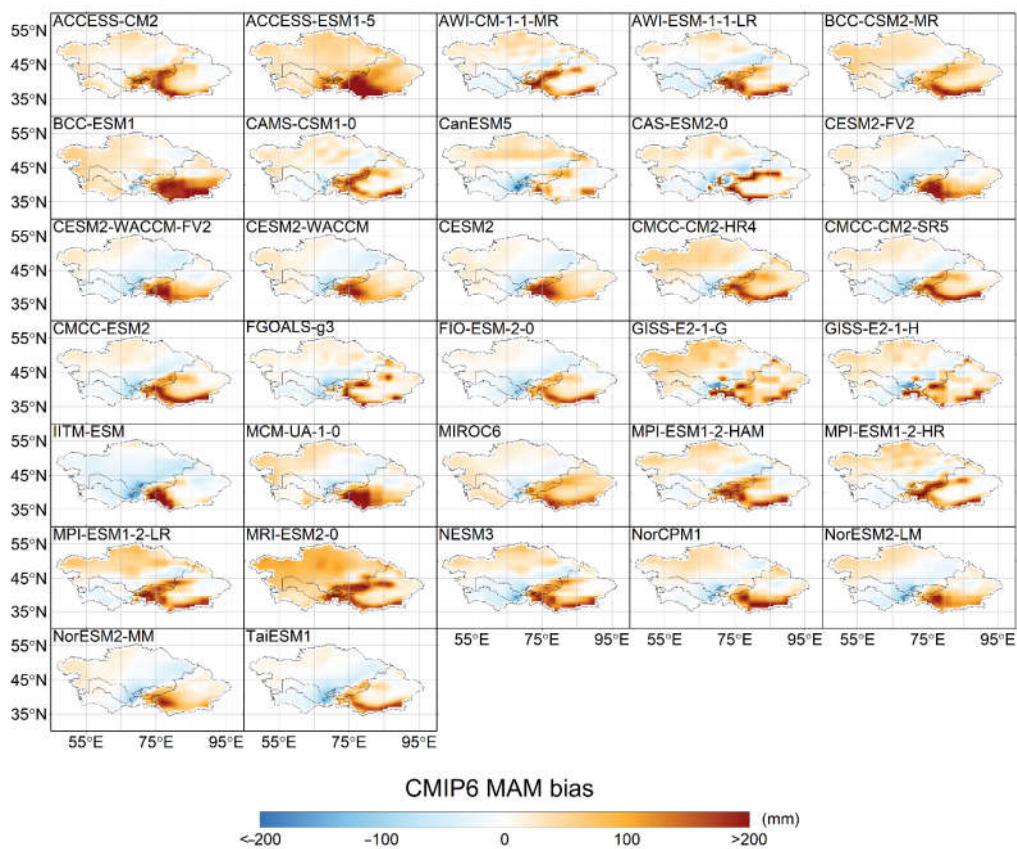


Figure S9. Same as Figure S8 but for MAM.

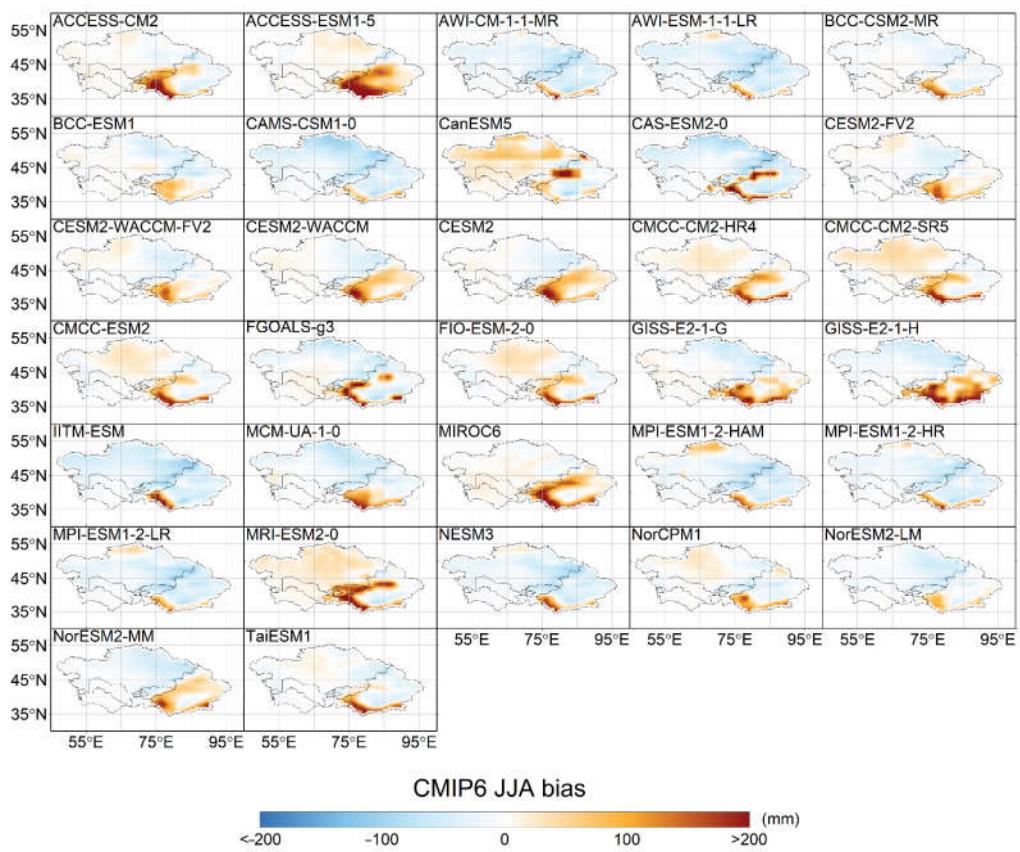


Figure S10. Same as Figure S8 but for JJA.

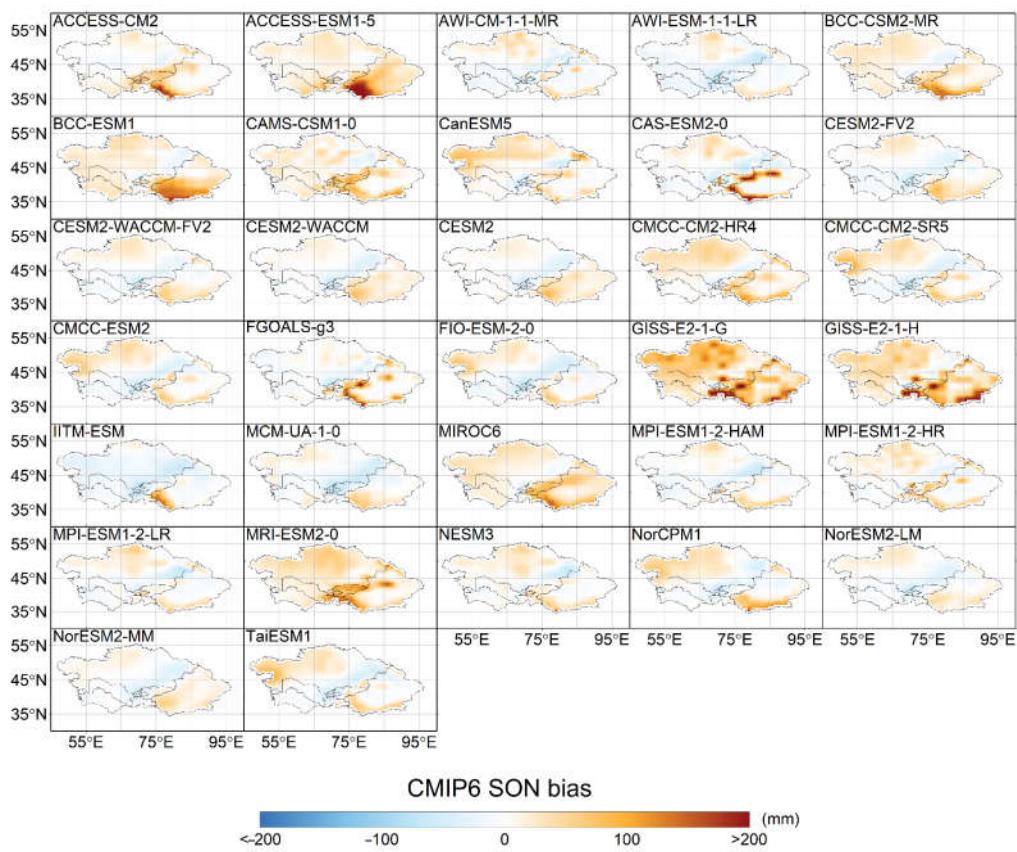


Figure S11. Same as Figure S8 but for SON.

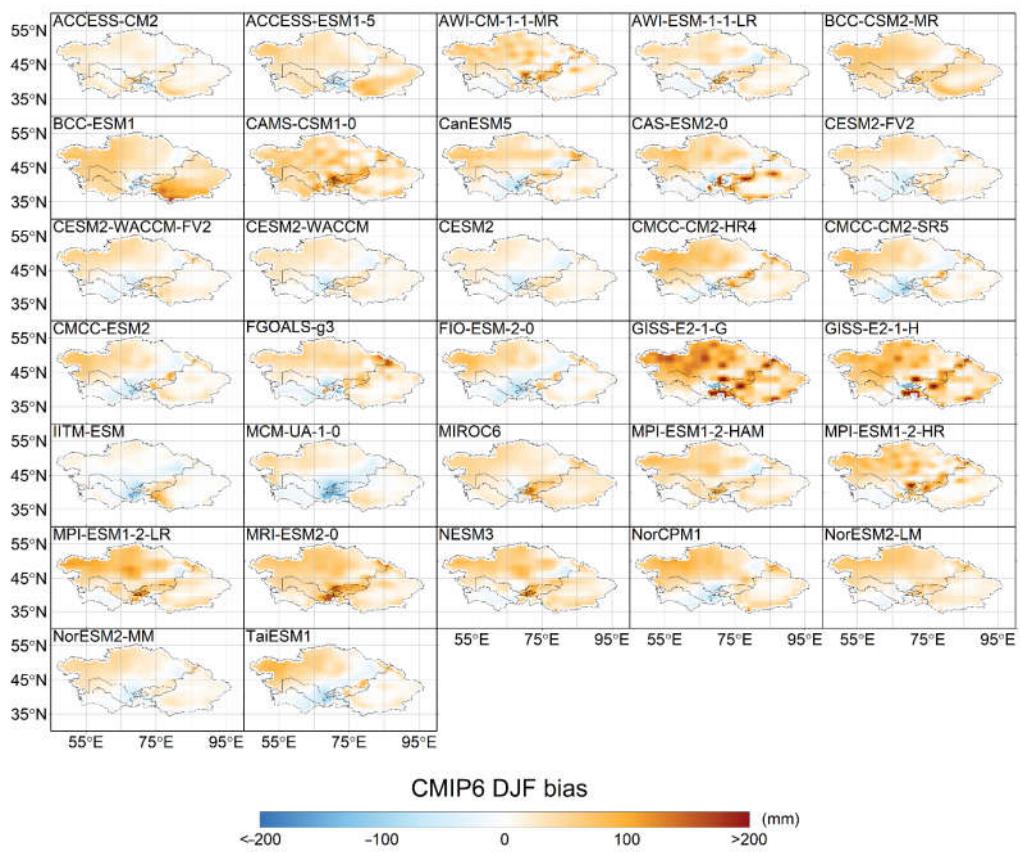


Figure S12. Same as Figure S8 but for DJF.

Table S1. Summary of CMIP5 models used in this study.

Models	Institution	Resolution ($^{\circ}$)
ACCESS1-0	CSIRO-BOM, Australia	$1.875^{\circ} \times 1.25^{\circ}$
ACCESS1-3	CSIRO-BOM, Australia	$1.875^{\circ} \times 1.25^{\circ}$
bcc-csm1-1	BCC, China	$1.1^{\circ} \times 1.1^{\circ}$
bcc-csm1-1-m	BCC, China	$2.8^{\circ} \times 2.8^{\circ}$
BNU-ESM	GCESS, China	$2.8^{\circ} \times 2.8^{\circ}$
CanESM2	CCCMA, Canada	$2.8^{\circ} \times 2.8^{\circ}$
CCSM4	NCAR, USA	$1.25^{\circ} \times 0.9^{\circ}$
CESM1-BGC	NCAR, USA	$1.25^{\circ} \times 0.9^{\circ}$
CESM1-CAM5	NCAR, USA	$1.25^{\circ} \times 0.9^{\circ}$
CESM1-FASTCHEM	NCAR, USA	$1.3^{\circ} \times 0.9^{\circ}$
CESM1-WACCM	NCAR, USA	$2.5^{\circ} \times 1.9^{\circ}$
CMCC-CESM	CMCC, Italy	$3.75^{\circ} \times 3.75^{\circ}$
CMCC-CM	CMCC, Italy	$0.75^{\circ} \times 0.75^{\circ}$
CMCC-CMS	CMCC, Italy	$1.875^{\circ} \times 1.875^{\circ}$
CNRM-CM5	CNRM-CERFACS, France	$1.4^{\circ} \times 1.4^{\circ}$
CNRM-CM5-2	CNRM-CERFACS, France	$1.4^{\circ} \times 1.4^{\circ}$
CSIRO-Mk3-6-0	CSIRO-QCCCE, Australia	$1.875^{\circ} \times 1.875^{\circ}$
FGOALS-g2	LASG-CESS, China	$2.8125^{\circ} \times 3^{\circ}$
FIO-ESM	FIO, China	$2.8^{\circ} \times 2.8^{\circ}$
GFDL-CM2p1	NOAA GFDL, USA	$2.5^{\circ} \times 2.0^{\circ}$
GFDL-CM3	NOAA GFDL, USA	$2.5^{\circ} \times 2.0^{\circ}$
GFDL-ESM2G	NOAA GFDL, USA	$2.5^{\circ} \times 2.0^{\circ}$
GFDL-ESM2M	NOAA GFDL, USA	$2.5^{\circ} \times 2.0^{\circ}$
GISS-E2-H	NASA GISS, USA	$2.5^{\circ} \times 2.0^{\circ}$
GISS-E2-H-CC	NASA GISS, USA	$2.5^{\circ} \times 2.0^{\circ}$
GISS-E2-R	NASA GISS, USA	$2.5^{\circ} \times 2.0^{\circ}$

GISS-E2-R-CC	NASA GISS, USA	$2.5^\circ \times 2.0^\circ$
HadCM3	MOHC, UK	$3.8^\circ \times 2.5^\circ$
HadGEM2-AO	NIMR/KMA, Korea/UK	$1.875^\circ \times 1.24^\circ$
inmcm4	UNM, Russia	$1.4^\circ \times 1.4^\circ$
IPSL-CM5A-LR	IPSL, France	$3.75^\circ \times 1.875^\circ$
IPSL-CM5A-MR	IPSL, France	$2.5^\circ \times 1.25^\circ$
IPSL-CM5B-LR	IPSL, France	$3.75^\circ \times 1.875^\circ$
MIROC5	MIROC, Japan	$1.4^\circ \times 1.4^\circ$
MIROC-ESM	MIROC, Japan	$2.8^\circ \times 2.8^\circ$
MIROC-ESM-CHEM	MIROC, Japan	$2.8^\circ \times 2.8^\circ$
MPI-ESM-LR	MPI-M, Germany	$1.875^\circ \times 1.875^\circ$
MPI-ESM-MR	MPI-M, Germany	$1.875^\circ \times 1.875^\circ$
MPI-ESM-P	MPI-M, Germany	$1.875^\circ \times 1.875^\circ$
MRI-CGCM3	MRI, Japan	$1.125^\circ \times 1.125^\circ$
MRI-ESM1	MRI, Japan	$1.125^\circ \times 1.125^\circ$
NorESM1-M	NCC, Norway	$2.5^\circ \times 1.875^\circ$
NorESM1-ME	NCC, Norway	$2.5^\circ \times 1.875^\circ$

Table S2. Summary of CMIP6 models used in this study.

Models	Institution	Resolution ($^{\circ}$)
ACCESS-CM2	CSIRO, Australia	$1.875^{\circ} \times 1.25^{\circ}$
ACCESS-ESM1-5	CSIRO, Australia	$1.875^{\circ} \times 1.24^{\circ}$
AWI-CM-1-1-MR	AWI, Germany	$0.9^{\circ} \times 0.9^{\circ}$
AWI-ESM-1-1-LR	AWI, Germany	$1.875^{\circ} \times 1.875^{\circ}$
BCC-CSM2-MR	BCC, China	$1.125^{\circ} \times 1.1^{\circ}$
BCC-ESM1	BCC, China	$2.8125^{\circ} \times 2.8^{\circ}$
CAMS-CSM1-0	CAMS, China	$1.125^{\circ} \times 1.1^{\circ}$
CanESM5	CCCMA, Canada	$2.8125^{\circ} \times 2.8^{\circ}$
CAS-ESM2-0	CAS, China	$1.4^{\circ} \times 1.4^{\circ}$
CESM2	NCAR, USA	$1.25^{\circ} \times 0.9^{\circ}$
CESM2-FV2	NCAR, USA	$2.5^{\circ} \times 1.875^{\circ}$
CESM2-WACCM	NCAR, USA	$1.25^{\circ} \times 0.9^{\circ}$
CESM2-WACCM-FV2	NCAR, USA	$2.5^{\circ} \times 1.875^{\circ}$
CMCC-CM2-HR4	CMCC, Italy	$1.25^{\circ} \times 0.9^{\circ}$
CMCC-CM2-SR5	CMCC, Italy	$1.25^{\circ} \times 0.9^{\circ}$
CMCC-ESM2	CMCC, Italy	$1.25^{\circ} \times 0.9^{\circ}$
FGOALS-g3	CAS, China	$2^{\circ} \times 2.5^{\circ}$
FIO-ESM-2-0	FIO-QLNM, China	$1.25^{\circ} \times 0.9^{\circ}$
GISS-E2-1-G	NASA-GISS, USA	$2.5^{\circ} \times 2^{\circ}$
GISS-E2-1-H	NASA-GISS, USA	$2.5^{\circ} \times 2^{\circ}$
IITM-ESM	CCCR-IITM, India	$1.875^{\circ} \times 1.9^{\circ}$
MCM-UA-1-0	UA, USA	$3.75^{\circ} \times 2.2^{\circ}$
MIROC6	MIROC, Japan	$1.4^{\circ} \times 1.4^{\circ}$
MPI-ESM-1-2-HAM	MPI-M, Germany	$1.875^{\circ} \times 2^{\circ}$
MPI-ESM-1-2-HR	MPI-M, Germany	$0.9^{\circ} \times 0.9^{\circ}$
MPI-ESM-1-2-LR	MPI-M, Germany	$1.875^{\circ} \times 2^{\circ}$
MRI-ESM2-0	MRI, Japan	$1.125^{\circ} \times 1.1^{\circ}$
NESM3	NUIST, China	$1.875^{\circ} \times 1.9^{\circ}$
NorCPM1	NCC, Norway	$2.5^{\circ} \times 1.9^{\circ}$
NorESM2-LM	NCC, Norway	$2.5^{\circ} \times 1.9^{\circ}$
NorESM2-MM	NCC, Norway	$1.25^{\circ} \times 0.9^{\circ}$
TaiESM1	AS-RCEC, China	$1.25^{\circ} \times 0.9^{\circ}$

Table S3. TSS of MME and each model under CMIP5. ALL, CA, and XJ represent the entire study area, the five Central Asian countries, and the Xinjiang region, respectively. ANN, MAM, JJA, SON, and DJF represent the annual average, spring, summer, autumn, and winter precipitation, respectively. The highest and lowest TSS values for MME and each GCM are shown in bold and underlined, respectively.

Model/ensemble	CMIP5					ALL					CA					XJ				
	ANN	MAM	JJA	SON	DJF	ANN	MAM	JJA	SON	DJF	ANN	MAM	JJA	SON	DJF					
MME	0.641	0.659	0.617	0.647	0.784	0.802	0.830	0.891	0.792	0.734	0.225	0.308	0.162	0.182	0.631					
ACCESS1-0	0.348	0.519	0.208	0.264	0.791	0.738	0.707	0.654	0.683	0.715	0.072	0.172	0.037	0.041	0.284					
ACCESS1-3	0.352	0.424	0.257	0.342	0.699	0.718	0.684	0.663	0.730	0.606	0.066	0.111	0.026	0.056	0.414					
bcc-csm1-1	0.388	0.344	0.552	0.345	0.536	0.682	0.761	0.654	0.723	0.438	0.077	0.080	0.220	0.042	0.255					
bcc-csm1-1-m	0.522	0.506	0.515	0.467	0.655	0.728	0.587	0.809	0.765	0.553	0.158	0.254	0.108	0.087	0.393					
BNU-ESM	0.303	0.225	0.683	0.281	0.330	0.582	0.671	0.881	0.552	0.319	0.046	0.042	0.221	0.033	0.114					
CanESM2	0.690	0.643	0.726	0.711	0.624	0.667	0.617	0.829	0.698	0.420	0.387	0.420	0.327	0.365	0.735					
CCSM4	0.548	0.546	0.580	0.565	0.534	0.603	0.663	0.904	0.562	0.377	0.225	0.278	0.134	0.212	0.412					
CESM1-BGC	0.564	0.567	0.607	0.559	0.547	0.603	0.654	0.915	0.546	0.399	0.237	0.301	0.148	0.213	0.449					
CESM1-CAM5	0.583	0.582	0.563	0.589	0.637	0.671	0.717	0.910	0.571	0.478	0.219	0.300	0.105	0.234	0.529					
CESM1-FASTCHEM	0.556	0.573	0.585	0.580	0.522	0.605	0.678	0.907	0.588	0.354	0.230	0.296	0.137	0.210	0.437					
CESM1-WACCM	0.460	0.340	0.655	0.514	0.577	0.600	0.649	0.873	0.545	0.370	0.133	0.107	0.165	0.139	0.591					
CMCC-CESM	0.561	0.413	0.741	0.668	0.583	0.664	0.605	0.839	0.692	0.481	0.136	0.164	0.303	0.162	0.292					
CMCC-CM	0.516	0.553	0.560	0.536	0.635	0.565	0.585	0.865	0.543	0.576	0.177	0.283	0.120	0.174	0.340					
CMCC-CMS	0.593	0.574	0.627	0.660	0.725	0.658	0.682	0.857	0.654	0.673	0.201	0.224	0.152	0.278	0.538					
CNRM-CM5	0.528	0.654	0.345	0.566	0.727	0.570	0.698	0.524	0.555	0.613	0.198	0.360	0.083	0.243	0.677					
CNRM-CM5-2	0.526	0.657	0.347	0.552	0.724	0.575	0.703	0.525	0.558	0.599	0.196	0.357	0.084	0.215	0.683					
CSIRO-Mk3-6-0	0.489	0.471	0.365	0.666	0.535	0.647	0.643	0.765	0.695	0.311	0.169	0.218	0.075	0.297	0.678					
FGOALS-g2	0.420	0.461	0.432	0.391	0.785	0.746	0.848	0.599	0.763	0.776	0.092	0.122	0.122	0.056	0.541					
FIO-ESM	0.261	0.246	0.617	0.255	0.306	0.514	0.664	0.837	0.505	0.359	0.038	0.051	0.154	0.025	0.070					
GFDL-CM2p1	0.618	0.620	0.576	0.474	0.604	0.753	0.766	0.785	0.634	0.539	0.161	0.192	0.127	0.072	0.336					
GFDL-CM3	0.618	0.654	0.564	0.609	0.779	0.679	0.732	0.701	0.655	0.714	0.240	0.329	0.205	0.186	0.618					
GFDL-ESM2G	0.589	0.534	0.554	0.541	0.670	0.770	0.784	0.741	0.701	0.573	0.140	0.149	0.132	0.091	0.409					
GFDL-ESM2M	0.535	0.501	0.469	0.495	0.632	0.751	0.770	0.686	0.656	0.520	0.116	0.134	0.101	0.081	0.386					

	0.252	0.347	0.238	0.241	0.290	0.231	0.345	0.450	0.200	0.222	0.095	0.164	0.043	0.081	0.188
GISS-E2-H	0.252	0.347	0.238	0.241	0.290	0.231	0.345	0.450	0.200	0.222	0.095	0.164	0.043	0.081	0.188
GISS-E2-H-CC	0.232	0.373	0.205	0.205	0.260	0.204	0.377	0.338	0.162	0.202	0.092	0.172	0.040	0.073	0.170
GISS-E2-R	0.250	0.348	0.313	0.239	0.244	0.217	0.340	0.449	0.198	0.195	0.107	0.174	0.086	0.087	0.145
GISS-E2-R-CC	0.244	0.340	0.297	0.259	0.225	0.210	0.336	0.419	0.221	0.176	0.105	0.160	0.082	0.089	0.147
HadCM3	0.580	0.545	0.667	0.566	0.761	0.663	0.662	0.840	0.651	0.731	0.195	0.203	0.183	0.175	0.451
HadGEM2-AO	0.354	0.506	0.194	0.330	0.785	0.783	0.703	0.703	0.758	0.655	0.072	0.166	0.034	0.051	0.454
inmcm4	0.430	0.380	0.545	0.475	0.586	0.630	0.600	0.844	0.682	0.491	0.209	0.264	0.165	0.177	0.487
IPSL-CM5A-LR	0.483	0.547	0.599	0.467	0.470	0.519	0.637	0.782	0.502	0.398	0.170	0.240	0.208	0.138	0.231
IPSL-CM5A-MR	0.439	0.476	0.612	0.472	0.379	0.384	0.449	0.797	0.386	0.278	0.246	0.362	0.166	0.296	0.340
IPSL-CM5B-LR	0.436	0.527	0.351	0.364	0.474	0.432	0.604	0.423	0.339	0.386	0.173	0.226	0.129	0.123	0.308
MIROC5	0.649	0.673	0.661	0.631	0.848	0.722	0.763	0.812	0.687	0.808	0.382	0.438	0.298	0.369	0.740
MIROC-ESM	0.318	0.466	0.301	0.262	0.641	0.668	0.723	0.760	0.671	0.630	0.058	0.143	0.065	0.026	0.280
MIROC-ESM-CHEM	0.336	0.494	0.298	0.265	0.669	0.676	0.738	0.720	0.677	0.660	0.062	0.150	0.065	0.026	0.313
MPI-ESM-LR	0.583	0.602	0.571	0.600	0.749	0.652	0.678	0.865	0.577	0.682	0.195	0.288	0.106	0.244	0.565
MPI-ESM-MR	0.526	0.535	0.544	0.581	0.688	0.571	0.594	0.802	0.572	0.604	0.175	0.246	0.101	0.218	0.548
MPI-ESM-P	0.570	0.607	0.543	0.605	0.753	0.657	0.689	0.845	0.621	0.688	0.182	0.290	0.098	0.209	0.558
MRI-CGCM3	0.502	0.708	0.235	0.534	0.758	0.595	0.725	0.509	0.538	0.654	0.154	0.445	0.038	0.185	0.712
MRI-ESM1	0.500	0.694	0.231	0.559	0.752	0.592	0.711	0.486	0.587	0.654	0.153	0.436	0.037	0.181	0.677
NorESM1-M	0.510	0.475	0.664	0.480	0.592	0.621	0.712	0.891	0.571	0.407	0.153	0.156	0.180	0.100	0.429
NorESM1-ME	0.501	0.450	0.679	0.463	0.578	0.626	0.675	0.891	0.629	0.405	0.148	0.160	0.190	0.088	0.406
TSS MIN	0.23	0.23	0.19	0.20	0.22	0.20	0.34	0.34	0.16	0.18	0.04	0.04	0.03	0.02	0.07
TSS MAX	0.69	0.70	0.74	0.71	0.85	0.80	0.85	0.92	0.79	0.81	0.39	0.45	0.33	0.37	0.74

Table S4. TSS of MME and each model under CMIP6. ALL, CA, and XJ represent the entire study area, the five Central Asian countries, and the Xinjiang region, respectively. ANN, MAM, JJA, SON, and DJF represent the annual average, spring, summer, autumn, and winter precipitation, respectively. The highest and lowest TSS values for MME and each GCM are shown in bold and underlined, respectively.

Model/ensemble	CMIP6						ALL						CA						XJ						
	ANN	MAM	JJA	SON	DJF	ANN	MAM	JJA	SON	DJF	ANN	MAM	JJA	SON	DJF	ANN	MAM	JJA	SON	DJF	ANN	MAM	JJA	SON	DJF
MME	0.658	0.635	0.633	0.711	0.828	0.798	0.783	0.898	0.797	0.773	0.250	0.304	0.150	0.286	0.719	0.624	0.608	0.603	0.671	0.770	0.213	0.260	0.195	0.123	0.480
ACCESS-CM2	0.509	0.579	0.336	0.550	0.876	0.705	0.693	0.703	0.700	0.859	0.115	0.205	0.034	0.130	0.608	0.599	0.579	0.383	0.599	0.876	0.705	0.693	0.703	0.700	0.859
ACCESS-ESM1-5	0.309	0.372	0.263	0.295	0.704	0.769	0.729	0.736	0.726	0.653	0.056	0.090	0.032	0.045	0.277	0.309	0.372	0.263	0.295	0.704	0.769	0.729	0.736	0.726	0.653
AWI-CM-1-1-MR	0.646	0.560	0.643	0.678	0.655	0.695	0.620	0.853	0.648	0.591	0.244	0.255	0.143	0.321	0.445	0.646	0.560	0.643	0.678	0.655	0.695	0.620	0.853	0.648	0.591
AWI-ESM-1-1-LR	0.644	0.513	0.599	0.682	0.803	0.747	0.644	0.807	0.655	0.748	0.222	0.197	0.125	0.386	0.624	0.644	0.513	0.599	0.682	0.803	0.747	0.644	0.807	0.655	0.748
BCC-CSM2-MR	0.624	0.608	0.695	0.539	0.791	0.786	0.787	0.882	0.742	0.770	0.213	0.260	0.195	0.123	0.480	0.624	0.608	0.695	0.539	0.791	0.786	0.787	0.882	0.742	0.770
BCC-ESM1	0.420	0.419	0.694	0.363	0.594	0.676	0.779	0.808	0.734	0.584	0.099	0.118	0.260	0.052	0.250	0.420	0.419	0.694	0.363	0.594	0.676	0.779	0.808	0.734	0.584
CAMS-CSM1-0	0.619	0.592	0.450	0.564	0.686	0.663	0.676	0.420	0.585	0.671	0.249	0.269	0.217	0.194	0.411	0.619	0.592	0.450	0.564	0.686	0.663	0.676	0.420	0.585	0.671
CanESM5	0.590	0.615	0.537	0.620	0.707	0.575	0.605	0.757	0.555	0.579	0.281	0.385	0.158	0.368	0.647	0.590	0.615	0.537	0.620	0.707	0.575	0.605	0.757	0.555	0.579
CAS-ESM2-0	0.129	0.227	0.072	0.165	0.491	0.201	0.343	0.170	0.261	0.439	0.029	0.069	0.012	0.029	0.193	0.129	0.227	0.072	0.165	0.491	0.201	0.343	0.170	0.261	0.439
CESM2	0.599	0.579	0.558	0.722	0.865	0.747	0.668	0.890	0.817	0.825	0.275	0.310	0.153	0.491	0.728	0.599	0.579	0.558	0.722	0.865	0.747	0.668	0.890	0.817	0.825
CESM2-FV2	0.581	0.482	0.707	0.671	0.789	0.736	0.701	0.907	0.765	0.716	0.200	0.185	0.205	0.268	0.588	0.581	0.482	0.707	0.671	0.789	0.736	0.701	0.907	0.765	0.716
CESM2-WACCM	0.628	0.604	0.585	0.709	0.856	0.764	0.704	0.886	0.808	0.805	0.303	0.319	0.171	0.498	0.765	0.628	0.604	0.585	0.709	0.856	0.764	0.704	0.886	0.808	0.805
CESM2-WACCM-FV2	0.630	0.525	0.726	0.747	0.787	0.746	0.710	0.898	0.791	0.720	0.239	0.215	0.226	0.376	0.576	0.630	0.525	0.726	0.747	0.787	0.746	0.710	0.898	0.791	0.720
CMCC-CM2-HR4	0.585	0.570	0.602	0.608	0.639	0.677	0.691	0.938	0.666	0.512	0.231	0.280	0.152	0.201	0.502	0.585	0.570	0.602	0.608	0.639	0.677	0.691	0.938	0.666	0.512
CMCC-CM2-SR5	0.549	0.486	0.590	0.613	0.625	0.639	0.680	0.902	0.549	0.475	0.185	0.179	0.111	0.330	0.518	0.549	0.486	0.590	0.613	0.625	0.639	0.680	0.902	0.549	0.475
CMCC-ESM2	0.574	0.486	0.591	0.660	0.673	0.692	0.677	0.917	0.606	0.547	0.191	0.178	0.113	0.362	0.526	0.574	0.486	0.591	0.660	0.673	0.692	0.677	0.917	0.606	0.547
FGOALS-g3	0.432	0.485	0.320	0.428	0.647	0.595	0.652	0.544	0.594	0.546	0.124	0.191	0.070	0.106	0.396	0.432	0.485	0.320	0.428	0.647	0.595	0.652	0.544	0.594	0.546
FIO-ESM-2-0	0.605	0.579	0.614	0.632	0.632	0.697	0.754	0.913	0.590	0.493	0.222	0.245	0.126	0.308	0.523	0.605	0.579	0.614	0.632	0.632	0.697	0.754	0.913	0.590	0.493
GISS-E2-1-G	0.275	0.383	0.389	0.221	0.264	0.274	0.399	0.649	0.206	0.210	0.093	0.181	0.103	0.055	0.124	0.275	0.383	0.389	0.221	0.264	0.274	0.399	0.649	0.206	0.210
GISS-E2-1-H	0.251	0.362	0.265	0.203	0.299	0.282	0.385	0.629	0.228	0.237	0.078	0.160	0.066	0.039	0.148	0.251	0.362	0.265	0.203	0.299	0.282	0.385	0.629	0.228	0.237
IITM-ESM	0.469	0.422	0.480	0.545	0.759	0.671	0.616	0.696	0.704	0.719	0.124	0.149	0.073	0.167	0.448	0.469	0.422	0.480	0.545	0.759	0.671	0.616	0.696	0.704	0.719
MCM-UA-1-0	0.456	0.466	0.432	0.592	0.484	0.618	0.707	0.613	0.611	0.274	0.139	0.144	0.094	0.269	0.639	0.456	0.466	0.432	0.592	0.484	0.618	0.707	0.613	0.611	0.274
MIROC6	0.577	0.643	0.498	0.617	0.792	0.712	0.784	0.816	0.719	0.746	0.253	0.401	0.124	0.257	0.628	0.577	0.643	0.498	0.617	0.792	0.712	0.784	0.816	0.719	0.746

MPI-ESM-1-2-HAM	0.610	0.526	0.593	0.707	0.755	0.689	0.638	0.779	0.738	0.703	0.188	0.183	0.115	0.275	0.575
MPI-ESM-1-2-HR	0.599	0.531	0.661	0.641	0.599	0.629	0.576	0.871	0.627	0.534	0.226	0.238	0.146	0.267	0.431
MPI-ESM-1-2-LR	0.622	0.518	0.669	0.719	0.632	0.644	0.580	0.835	0.689	0.560	0.241	0.210	0.160	0.366	0.554
MRI-ESM2-0	0.465	0.591	0.329	0.529	0.681	0.544	0.673	0.654	0.534	0.671	0.142	0.268	0.052	0.196	0.508
NESM3	0.562	0.452	0.585	0.681	0.684	0.673	0.588	0.842	0.708	0.625	0.167	0.181	0.103	0.249	0.425
NorCPM1	0.513	0.471	0.706	0.484	0.573	0.625	0.720	0.904	0.570	0.394	0.155	0.156	0.214	0.108	0.366
NorESM2-LM	0.698	0.527	0.749	0.769	0.761	0.751	0.665	0.872	0.773	0.693	0.355	0.272	0.301	0.498	0.614
NorESM2-MM	0.659	0.640	0.569	0.753	0.823	0.788	0.765	0.810	0.819	0.732	0.362	0.342	0.229	0.592	0.710
TaiESM1	0.596	0.572	0.602	0.611	0.615	0.669	0.735	0.929	0.546	0.456	0.220	0.263	0.110	0.302	0.555
TSS MIN	0.13	0.23	0.07	0.16	0.26	0.20	0.34	0.17	0.21	0.21	0.03	0.07	0.01	0.03	0.12
TSS MAX	0.70	0.64	0.75	0.77	0.88	0.80	0.79	0.94	0.82	0.86	0.36	0.40	0.30	0.59	0.76