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Supplement of

A comparison of model simulations of Asian mega-droughts during the past millennium with proxy reconstructions

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MCA1 of	Niño 3.4	Niño 1 + 2	Niño 4	NHT
SST of mil0010	0.68	0.39	0.71	0.49
PDSI of mil0010	0.24	NS	0.22	0.14
SST of mil0012	0.63	0.39	0.63	0.33
PDSI of mil0012	0.21	NS	0.20	NS
SST of mil0013	0.70	0.54	0.69	0.43
PDSI of mil0013	0.19	NS	0.25	NS
SST of mil0014	0.28	0.25	0.30	0.15
PDSI of mil0014	NS	0.13	NS	NS
SST of mil0015	0.61	0.57	0.64	0.41
PDSI of mil0015	NS	0.14	0.13	-0.21
SST of rli1p121	0.49	0.51	0.55	0.25
PDSI of rli1p121	0.28	0.35	0.33	NS
SST of rli1p124	0.45	0.41	0.53	0.22
PDSI of rli1p124	0.36	0.38	0.34	0.12

Table 1: Correlations of MCA timeseries and climate indices. All the coefficients are significant with $p - value < 0.01$. NS stands for Not Significant.

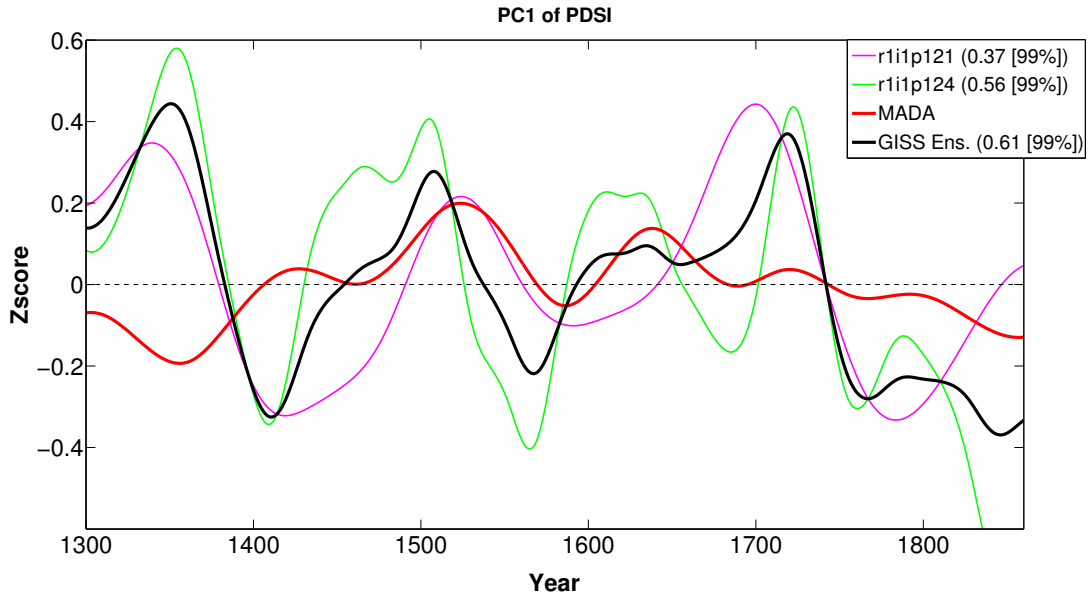


Figure 1: (S.1) Smoothed PC1 trends of PDSI for GISS and MADA. The numbers in parenthesis are correlation coefficients. Black solid line is the ensemble average.

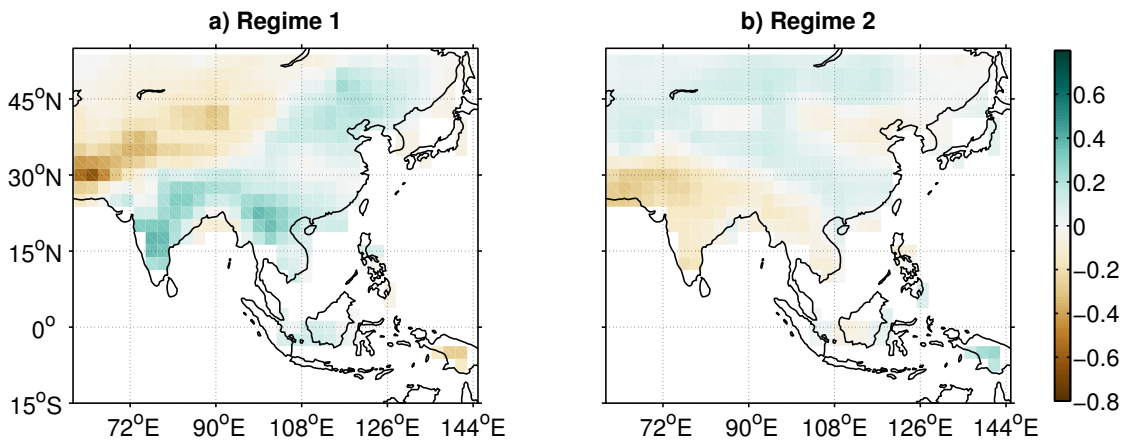


Figure 2: (S.5) PDSI composites for the two regimes from ECHAM5/MPIOM.

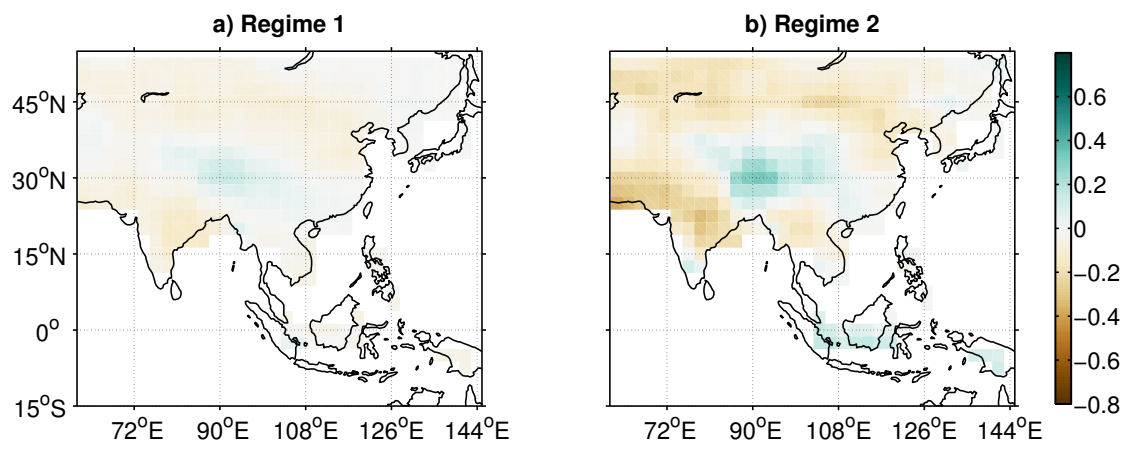


Figure 3: (S.6) PDSI composites for the two regimes from GISS-E2-R.