Supporting Information

Bonebrake and Mastrandrea 10.1073/pnas.0911841107

Table S1. ERCCI calculation based on wet season (WS) and dry season (DS) calculations of relative fitness changes (Δw) and change in climatic interannual variability ($\Delta\sigma$) calculated by Giorgi [Giorgi F (2006) *Geophys Res Lett* 33:L08707]

Region	$\Delta w_p WS$	$\Delta\sigma_p WS$, %	$\Delta w_t WS$	$\Delta\sigma_t WS$, %	$\Delta w_p DS$	$\Delta\sigma_p DS$, %	$\Delta w_t DS$	$\Delta\sigma_t DS$, %	ERCCI
NEU	0.02(0)	17.39(2)	0.34(0)	15.09(4)	1.86(2)	6.69(1)	0.54(1)	−19.54(4)	14
MED	1.95(2)	24.94(4)	0.38(0)	−3.43(0)	2.12(4)	40.00(4)	0.68(1)	15.25(4)	19
NEE	1.49(1)	23.23(4)	0.34(0)	4.19(0)	2.37(4)	16.71(2)	0.70(1)	−12.40(4)	14
NAS	1.93(2)	14.69(2)	0.25(0)	3.39(0)	2.07(4)	9.41(1)	0.49(0)	5.28(1)	10
CAS	0.16(0)	21.89(4)	0.37(0)	2.02(0)	1.65(2)	16.13(2)	0.542(1)	4.31(0)	9
TIB	1.18(1)	3.15(0)	0.41(0)	3.00(0)	1.81(2)	12.62(2)	0.48(0)	3.61(0)	5
EAS	1.46(1)	9.81(1)	0.30(0)	3.03(0)	1.23(1)	17.52(2)	0.35(0)	2.09(0)	5
SAS	2.05(4)	2.23(0)	0.62(1)	4.89(0)	0.25(0)	8.82(1)	0.89(1)	9.99(1)	8
SEA	1.25(1)	12.25(2)	1.12(2)	−2.95(0)	1.05(1)	20.26(4)	1.07(2)	14.97(2)	14
NAU	0.43(0)	−1.07(0)	0.64(1)	8.61(1)	1.77(2)	10.99(2)	0.68(1)	3.96(0)	7
SAU	2.30(4)	20.52(4)	0.44(0)	14.81(2)	0.48(0)	5.58(1)	0.52(1)	8.08(1)	13
SAH	1.77(2)	19.71(2)	0.65(1)	7.36(1)	0.51(0)	2.80(0)	0.86(1)	5.20(1)	8
WAF	0.04(0)	6.11(1)	1.54(4)	6.88(1)	0.01(0)	11.87(2)	1.59(4)	12.56(2)	14
EAF	0.59(0)	2.01(2)	1.40(2)	10.89(2)	1.67(2)	1.92(0)	1.38(2)	1.34(0)	8
EQF	1.68(2)	−3.85(2)	1.33(2)	7.26(1)	1.73(2)	−7.41(1)	1.29(2)	2.69(0)	10
SQF	0.10(0)	20.74(4)	1.34(2)	15.99(4)	1.16(1)	4.63(0)	1.56(4)	12.17(2)	17
SAF	0.02(0)	−4.31(0)	0.78(1)	−6.67(1)	1.89(2)	14.32(2)	0.82(1)	5.04(1)	8
ALA	2.10(4)	3.28(0)	0.32(0)	−3.86(0)	2.14(4)	−2.12(0)	0.55(1)	−5.51(1)	10
GRL	2.35(4)	1.67(0)	0.38(0)	−14.96(2)	2.32(4)	9.26(1)	0.60(1)	−5.37(1)	13
WNA	0.94(0)	7.09(1)	0.48(0)	−6.42(1)	1.36(1)	8.63(1)	0.65(1)	7.1(1)	6
CNA	0.11(0)	18.80(2)	0.48(0)	10.37(2)	0.95(0)	6.68(1)	0.40(0)	−8.98(1)	6
ENA	1.09(1)	19.18(2)	0.40(0)	8.58(1)	2.59(4)	11.99(2)	0.44(0)	−12.18(2)	12
CAM	1.55(2)	15.20(2)	0.97(1)	6.65(1)	1.93(2)	26.67(4)	1.03(2)	7.36(1)	15
AMZ	0.66(0)	1.81(0)	1.36(2)	3.73(0)	0.81(0)	16.61(2)	1.73(4)	9.39(1)	9
CSA	0.61(0)	8.06(1)	0.74(1)	4.44(0)	0.29(0)	17.67(2)	0.65(1)	5.74(1)	6
SSA	0.00(0)	8.03(1)	0.29(0)	−12.56(2)	2.44(4)	9.70(1)	0.37(0)	4.82(0)	8

Factor *n* in parentheses. See ref. 1 for regional and seasonal extent clarification.

1. Giorgi F, Bi X (2005) Updated regional precipitation and temperature changes for the 21st century from ensembles of recent AOGCM simulations. *Geophys Res Lett* 32:L21715.