

Evaluating the Performance of Coupled Seasonal

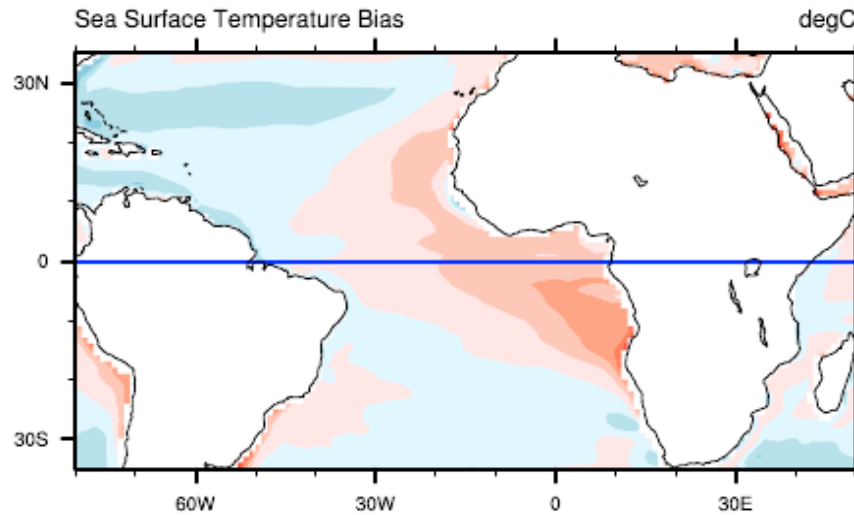
Forecast Systems over the Atlantic Region

**By
Alex, Bahaga, Flavio, Nnamchi**

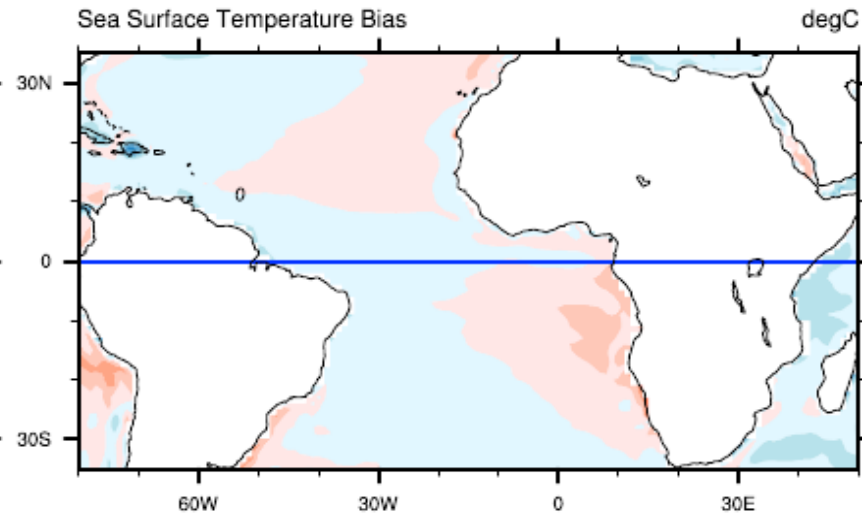
Acknowledgements:
Fred, Shukla, Wang et al.,

JJAS Sea Surface Temperature Bias IC:May

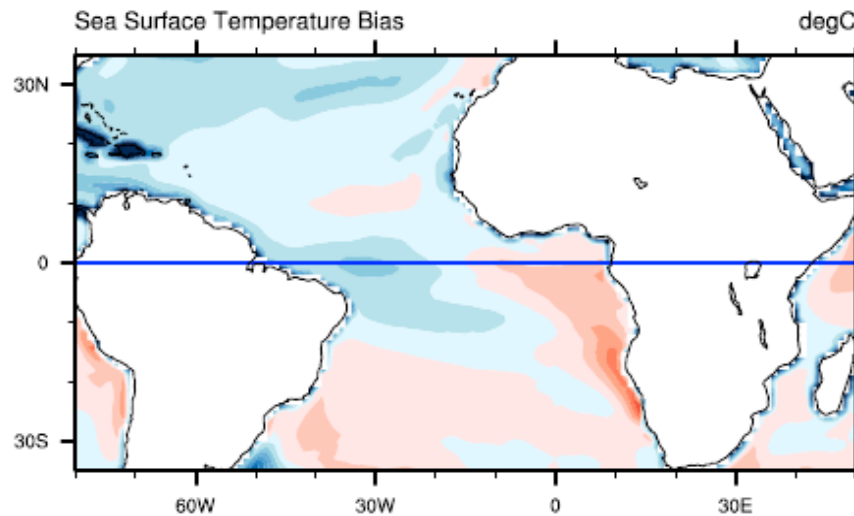
NASA-GMAO



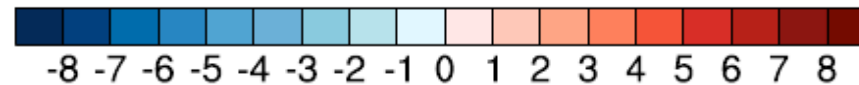
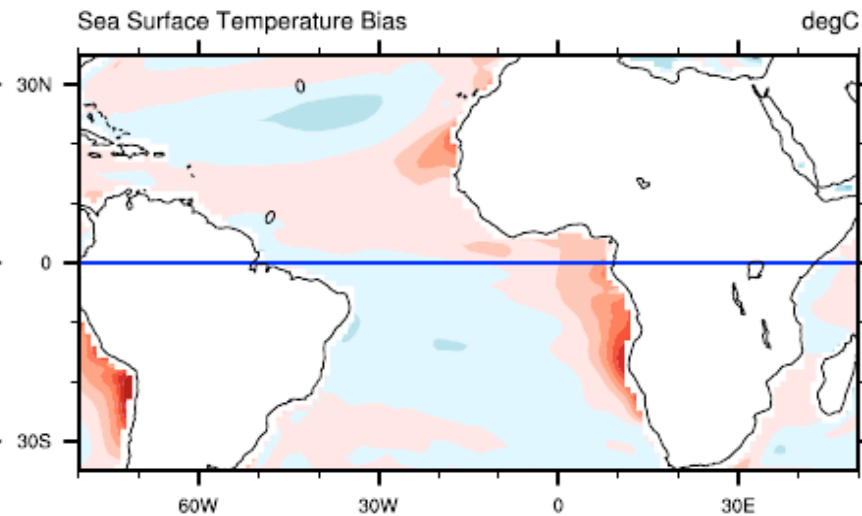
NCEP-CFSv2



COLA-RSMAS-CCSM3

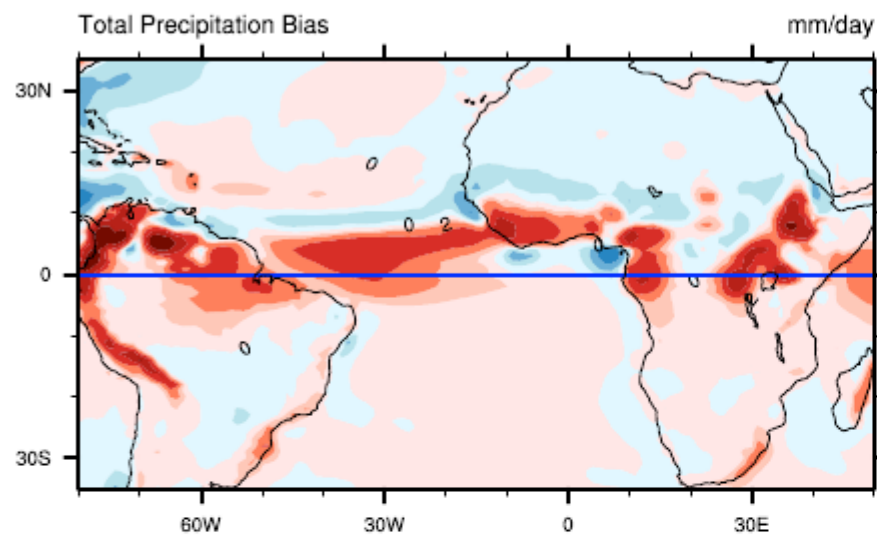


GFDL-CM2p1

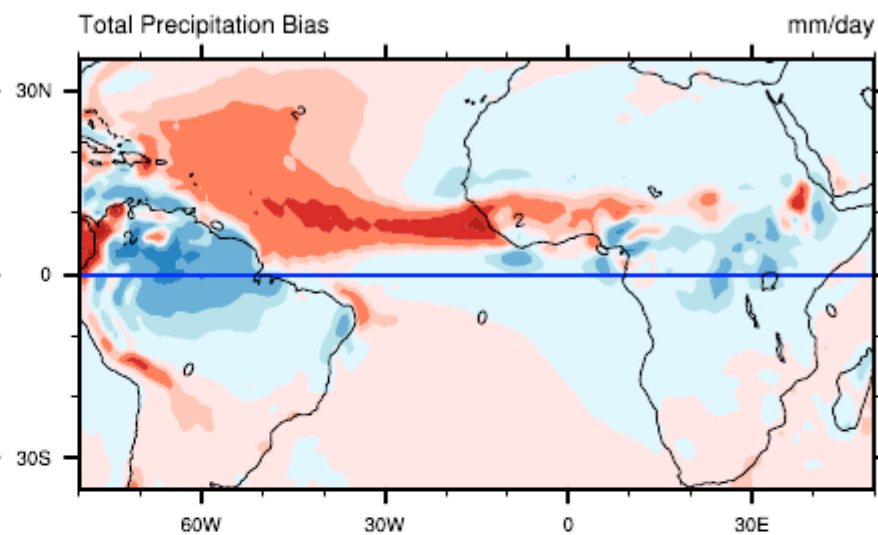


JJAS Total Precipitation Bias IC:May

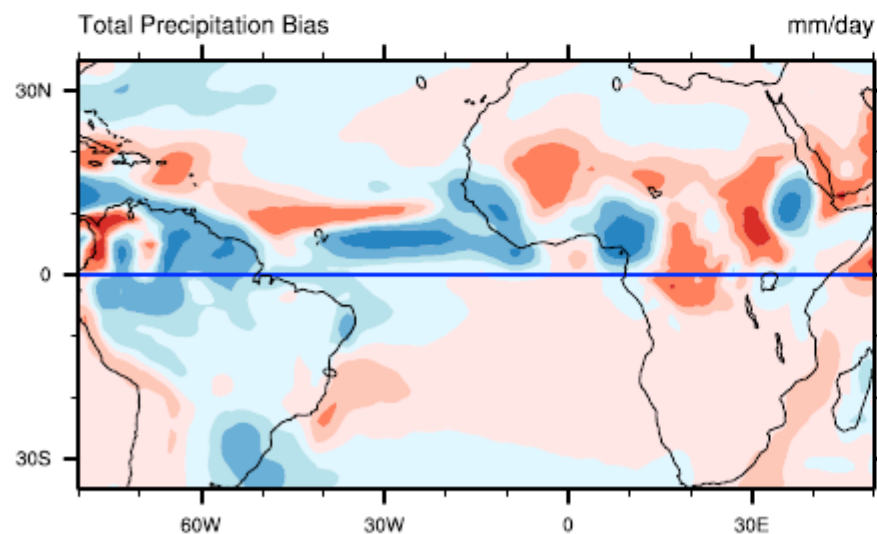
NASA-GMAO



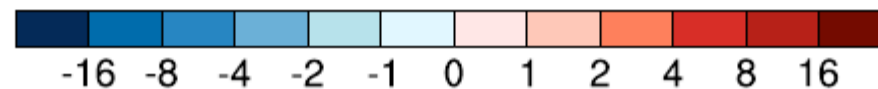
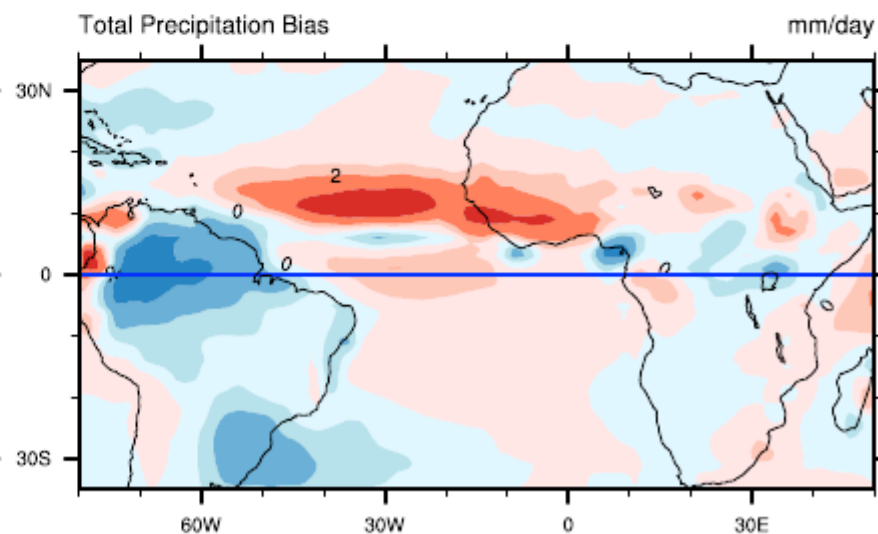
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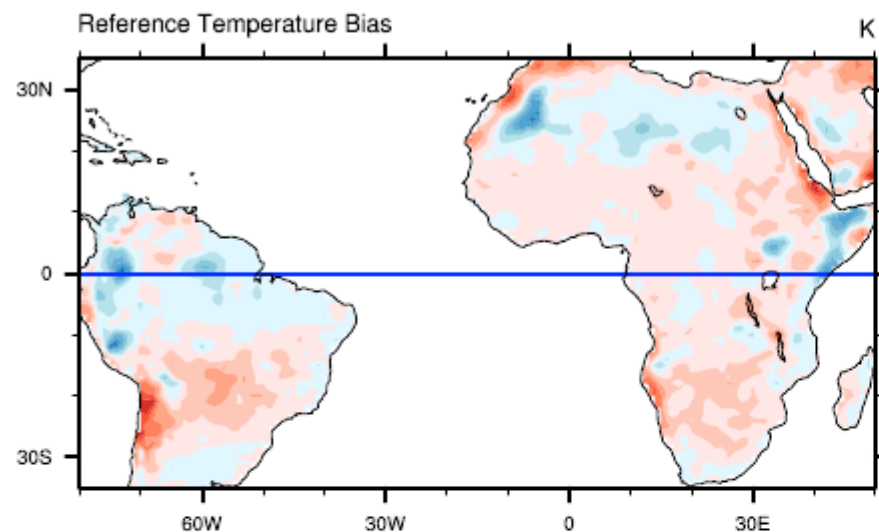


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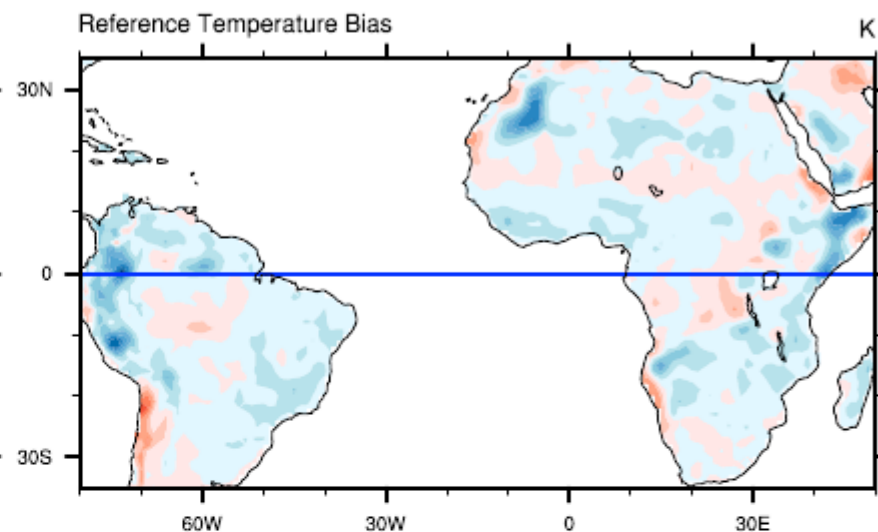


JJAS Reference Temperature Bias IC:May

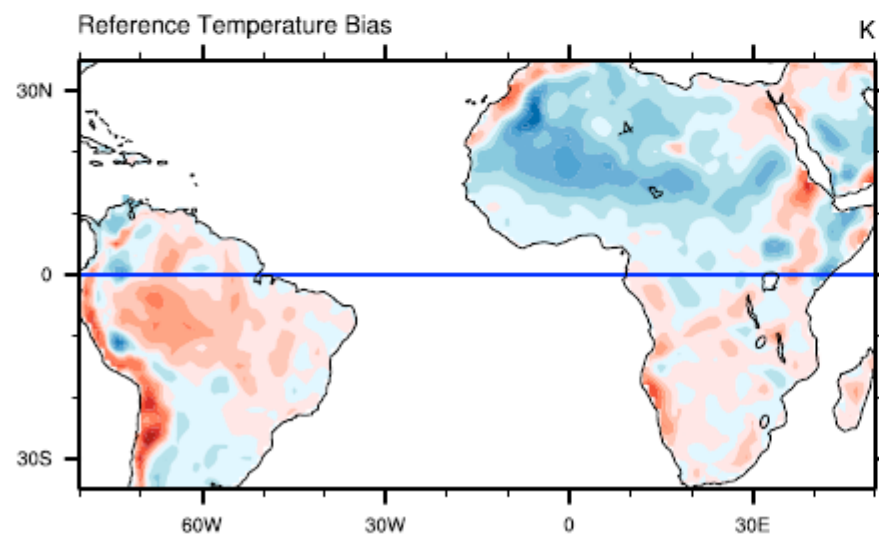
NASA-GMAO



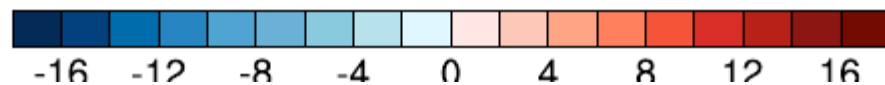
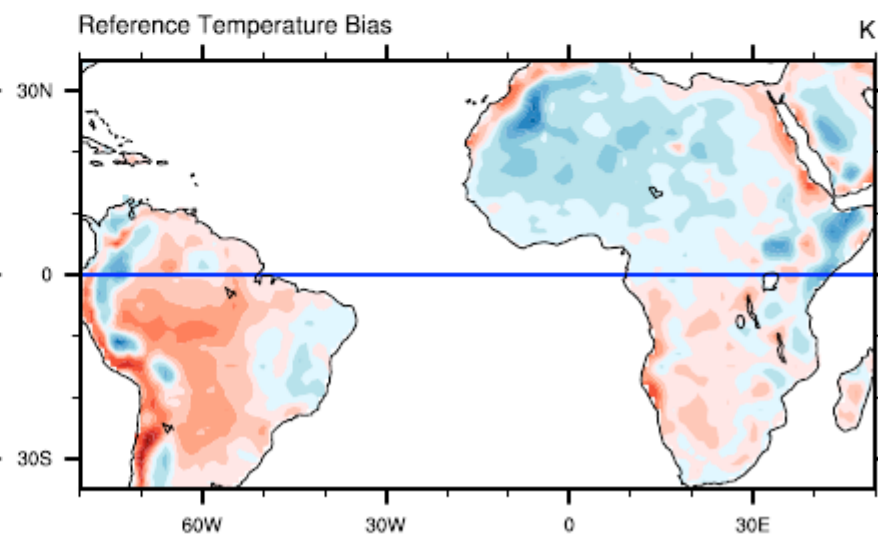
NCEP-CFSv2



COLA-RSMAS-CCSM3

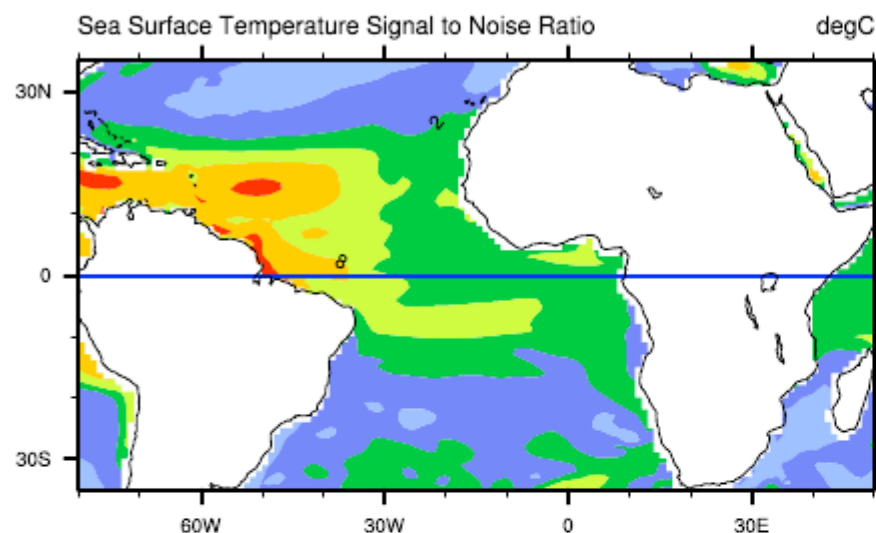


GFDL-CM2p1

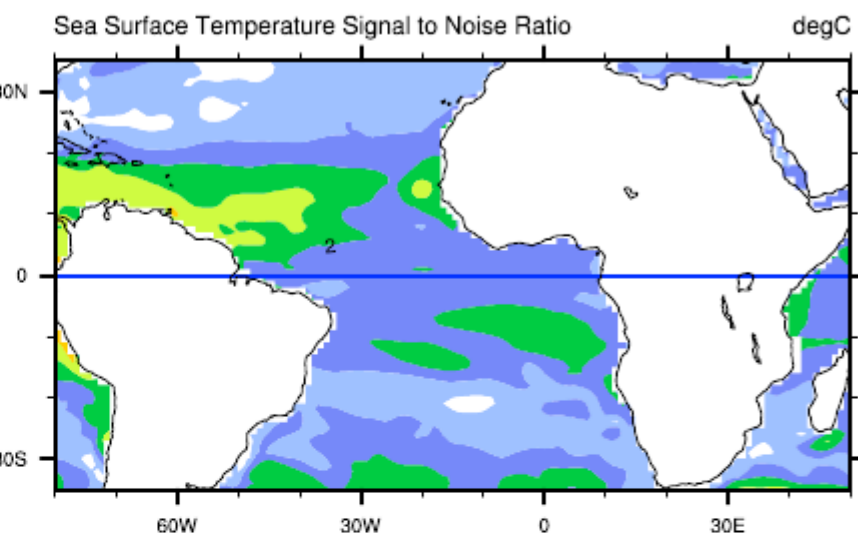


JJAS Sea Surface Temperature Signal to Noise Ratio IC:May

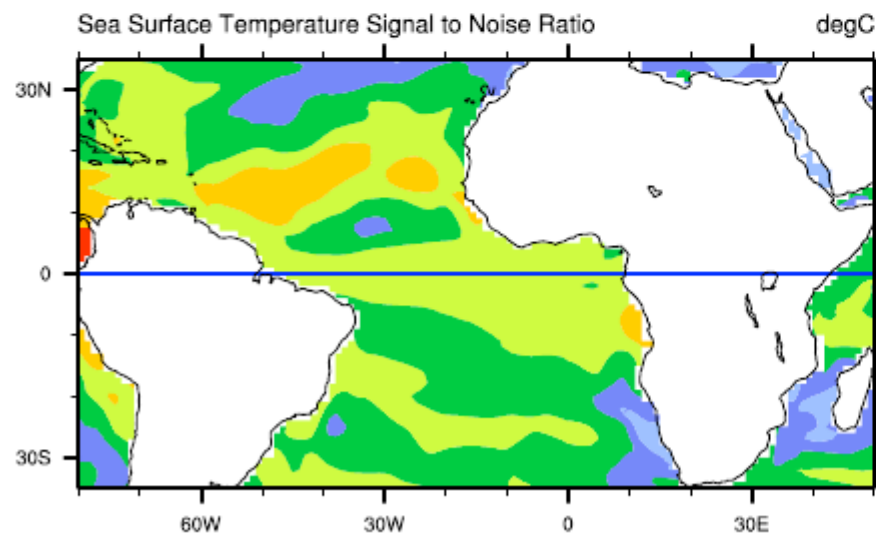
NASA-GMAO



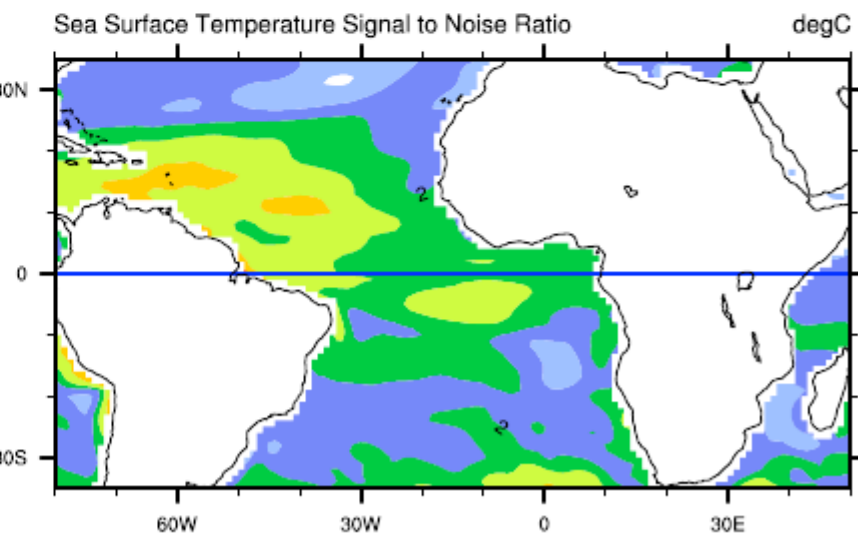
NCEP-CFSv2



COLA-RSMAS-CCSM3

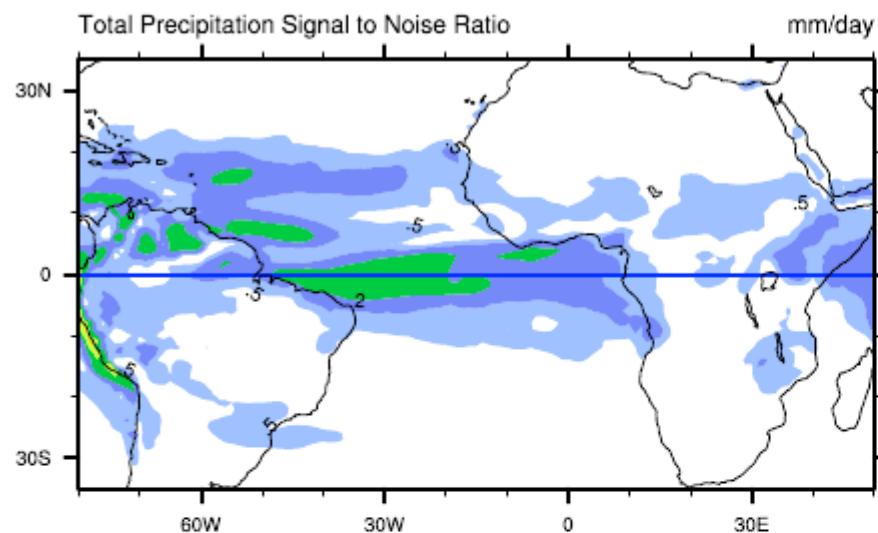


GFDL-CM2p1

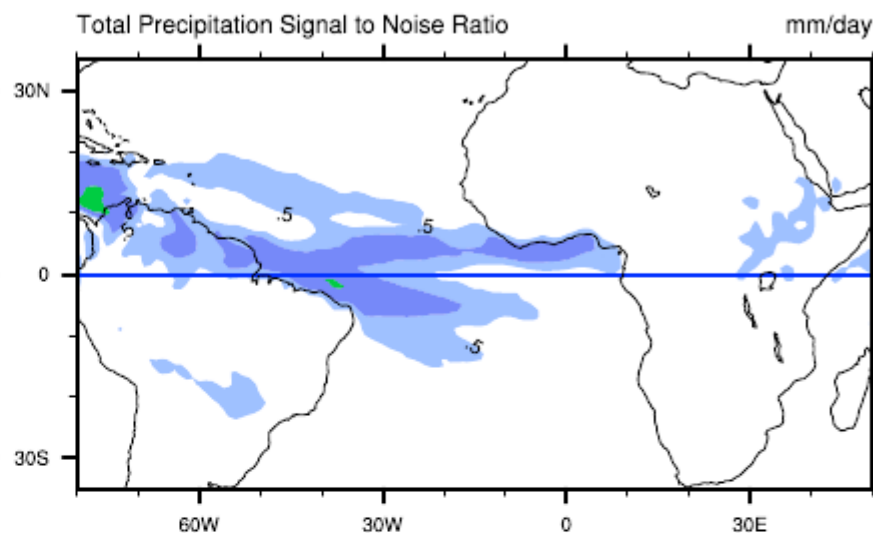


JJAS Total Precipitation Signal to Noise Ratio IC:May

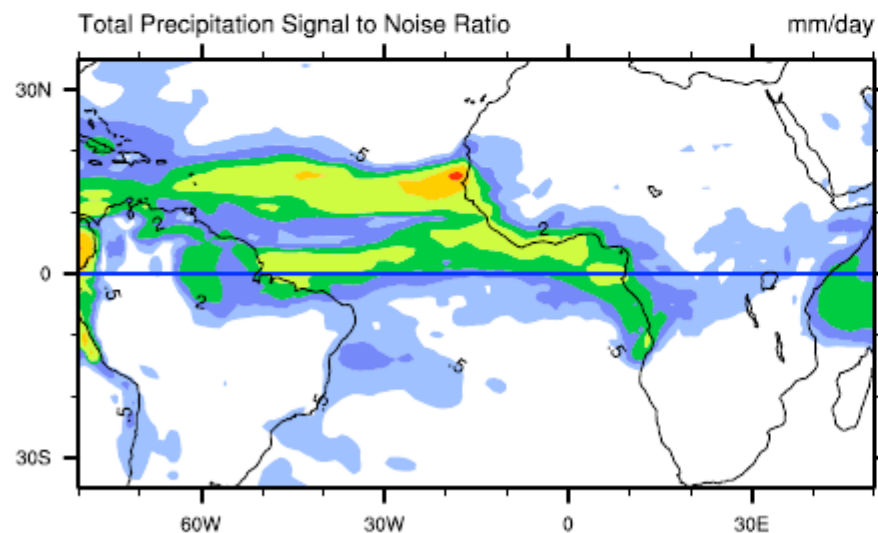
NASA-GMAO



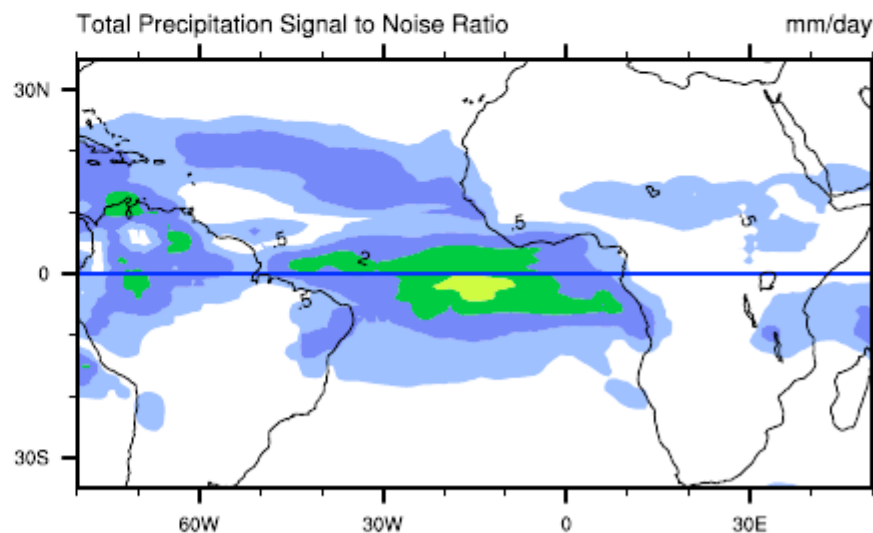
NCEP-CFSv2



COLA-RSMAS-CCSM3

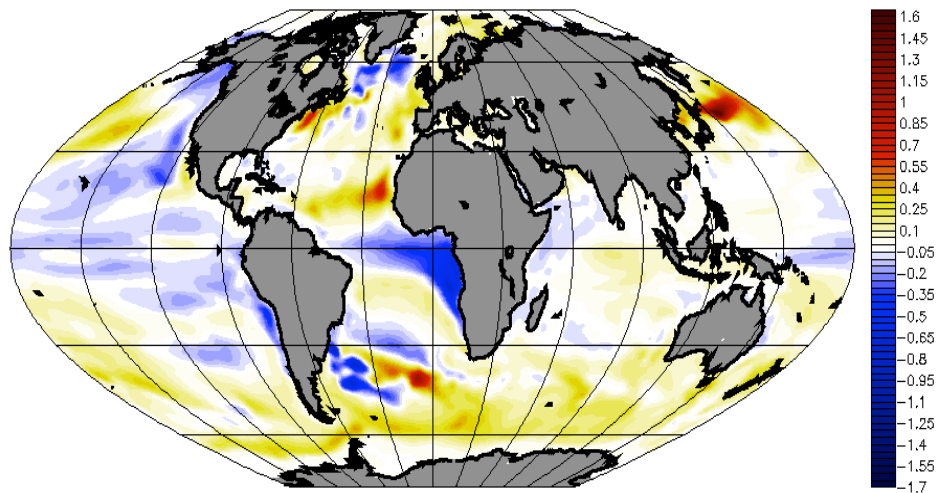


GFDL-CM2p1

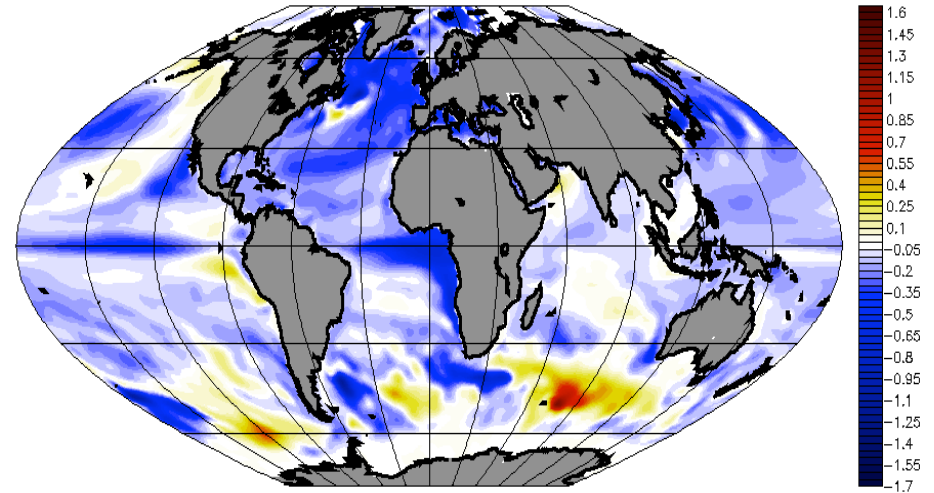


Precipitation response to Atlantic Variability

COLA-RSMAS-CCSM3
JJA (SST)



GFDL-CM2p1
JJA (SST)



PC1 --> Regressed on SST

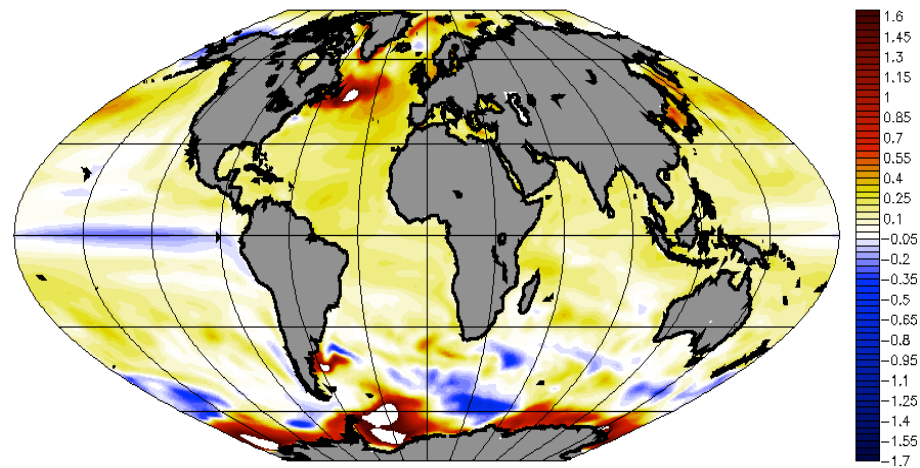
latS = -45.

latN = 35.

lonL = -60.

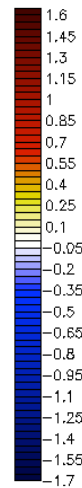
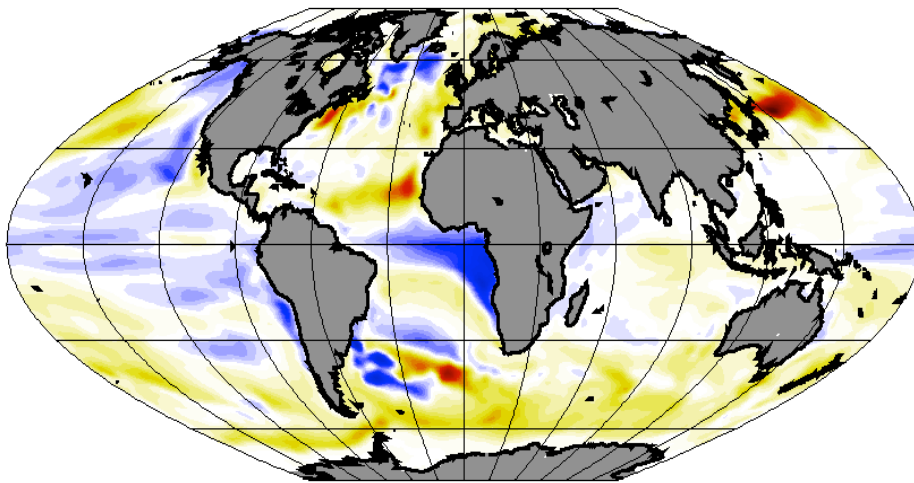
lonR = 20

NASA-GMAO
JJA (SST)

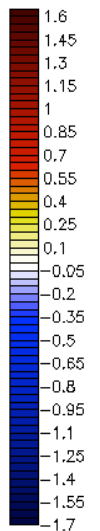
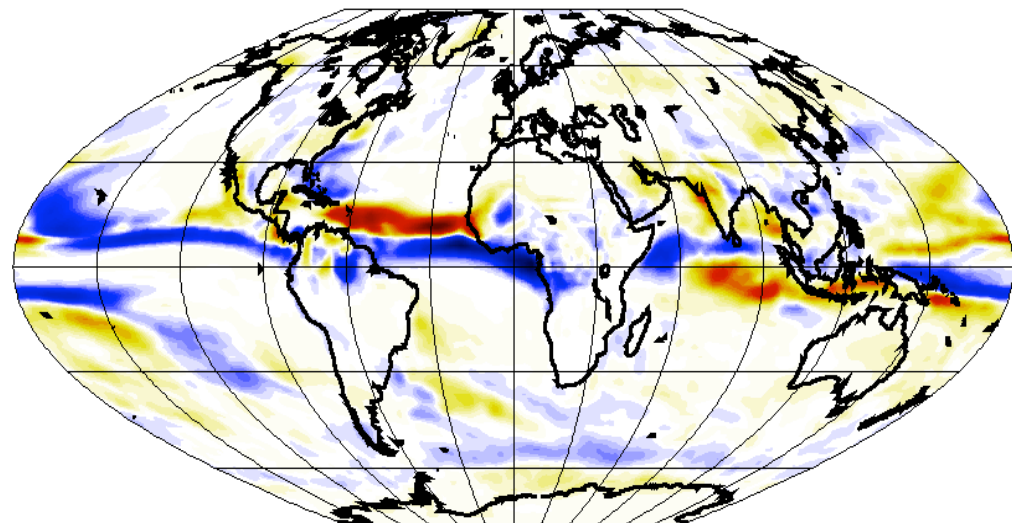


PC1 SST -> PREC

COLA-RSMAS-CCSM3
JJA (SST)

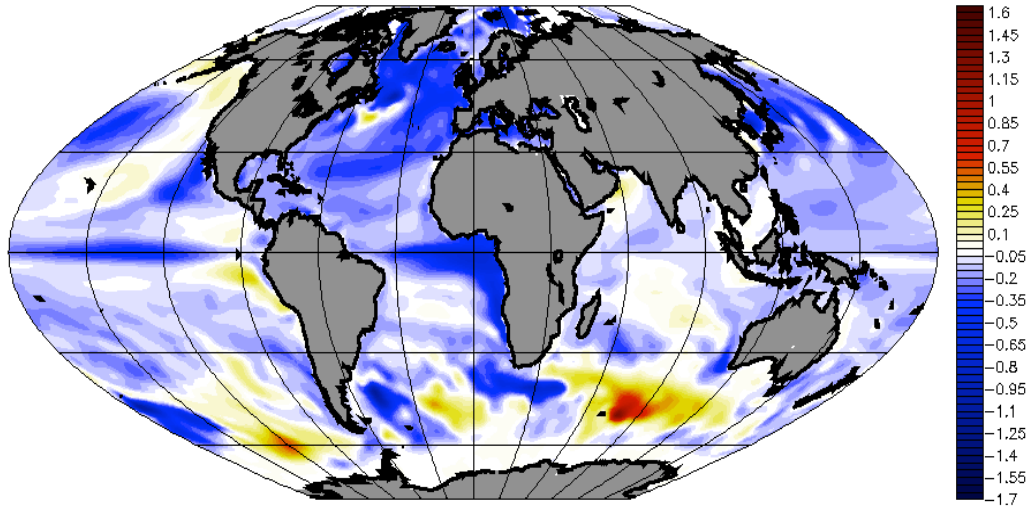


COLA-RSMAS-CCSM3
JJA (SSTxprec)-reg5

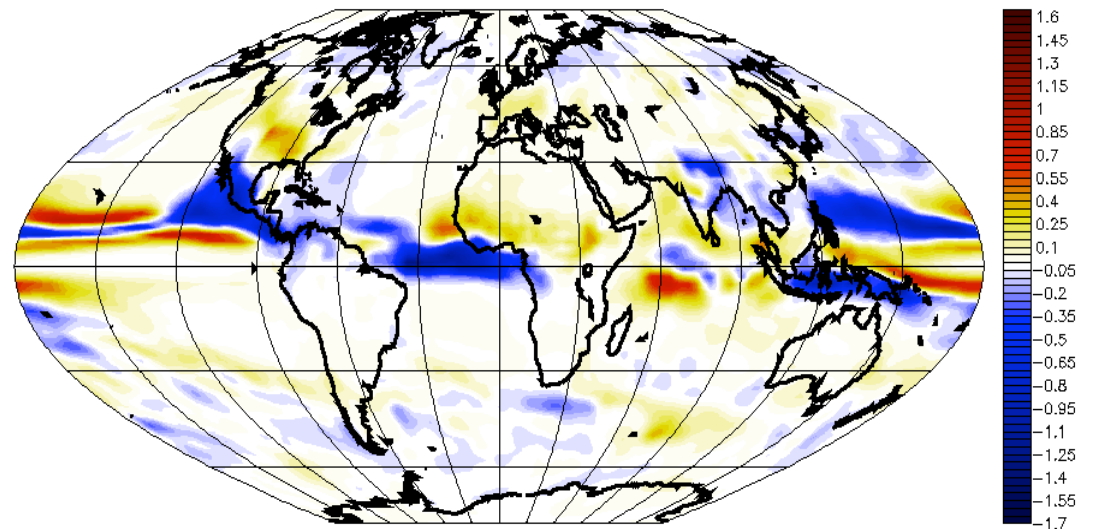


PC1 SST -> PREC

GFDL-CM2p1
JJA (SST)

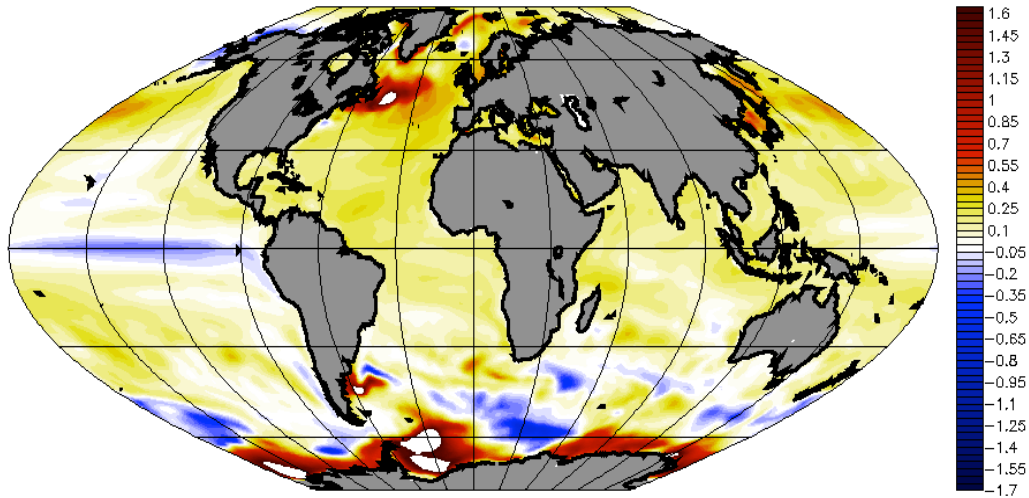


GFDL-CM2p1
JJA (SSTxprec)-reg5



PC1 SST -> PREC

NASA-GMAO
JJA (SST)



NASA-GMAO
JJA (SSTxprec)-reg5

