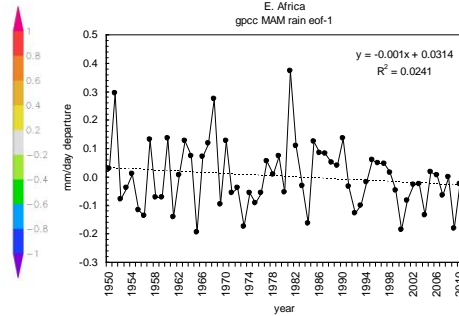
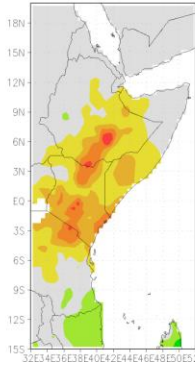


Feedback on Funk et al

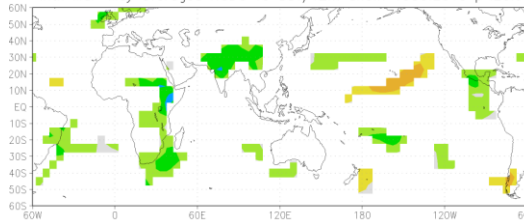
My analysis using GPCC 1950-2010, eof-1 loading (18% var), time score and correlation maps with Ts, SST, 200U, SLP – these results seem different.

eof1 Mar-May averaged GPCC V6 0.5 precipitation 1950:2010

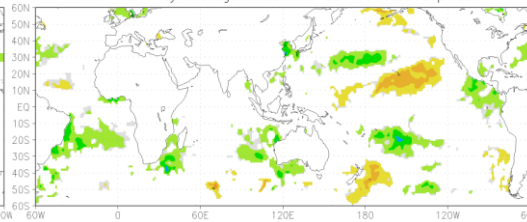


down-trend small

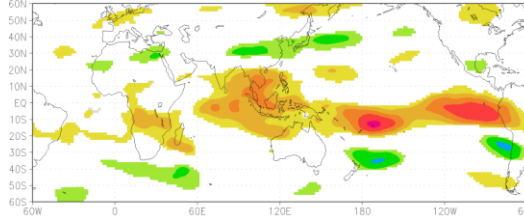
corr Mar-May averaged PC1 of GPCC V6 0.5 precipitation with Mar-May averaged NCDC v3 SST/T2m anom 1950:2010 p<20%



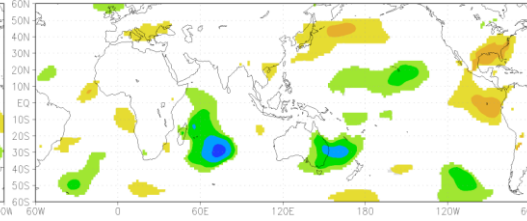
corr Mar-May averaged PC1 of GPCC V6 0.5 precipitation with Mar-May averaged HadISST1 SST 1950:2010 p<20%



corr Mar-May averaged PC1 of GPCC V6 0.5 precipitation with Mar-May averaged ERA40 200mb zonal wind 1958:2002 p<20%



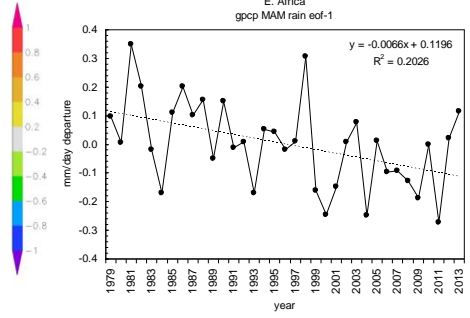
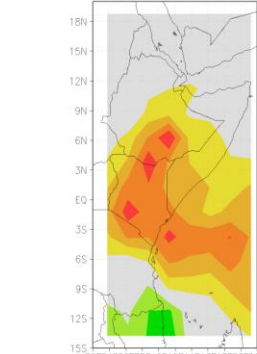
corr Mar-May averaged PC1 of GPCC V6 0.5 precipitation with Mar-May averaged ERA40 sea-level pressure 1958:2002 p<20%



Correlations are w.r.t. increased MAM rainfall over E.Africa

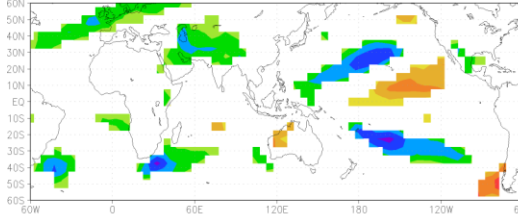
Below is repeat with modern GPCP rainfall, eof-1 has same 18% variance

eof1 Mar-May averaged GPCP v2.2 precipitation 1979:2013

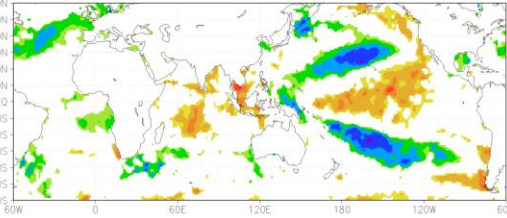


down-trend greater

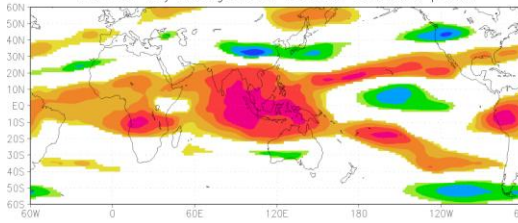
corr Mar-May averaged PC1 of GPCP v2.2 precipitation with Mar-May averaged NCDC v3 SST/T2m anom 1979:2013 p<20%



corr Mar-May averaged PC1 of GPCP v2.2 precipitation with Mar-May averaged HadISST1 SST 1979:2013 p<20%



corr Mar-May averaged PC1 of GPCP v2.2 precipitation with Mar-May averaged ERA-int u200 1979:2013 p<20%



corr Mar-May averaged PC1 of GPCP v2.2 precipitation with Mar-May averaged ERA-int MSL 1979:2013 p<20%

