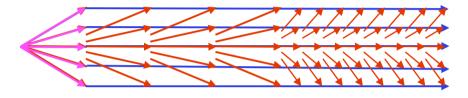
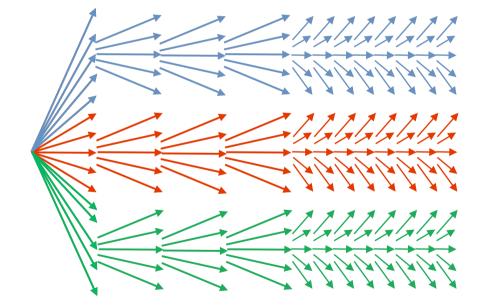
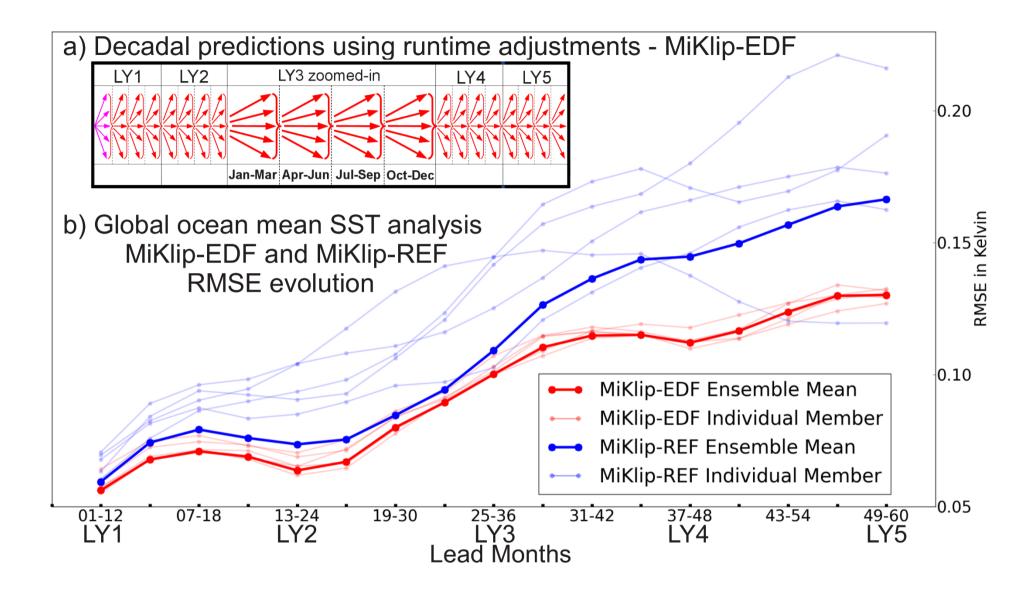
Experiment Setup to get "a" spread back

decadal experiment Raw and EDF



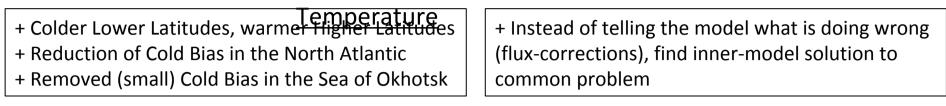


decadal experiment 15 Members EDF

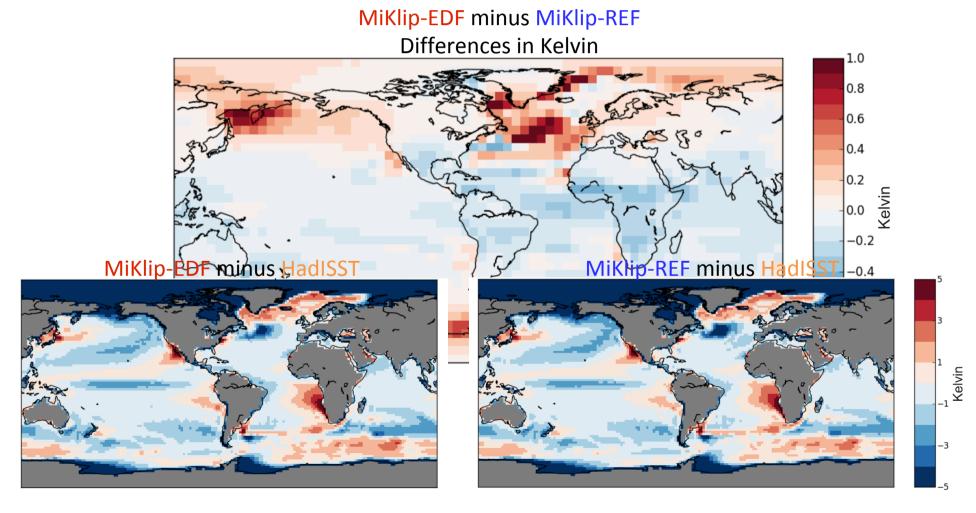


Question: Is the EDF system better? Answer: Compare the evaluations!

Temporal Mean State of



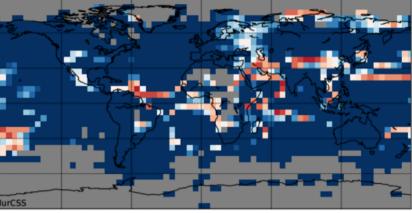
Surface Temperature - Temporal Mean of Lead Year 2-5 - 1979 to 2013



Smooth out?

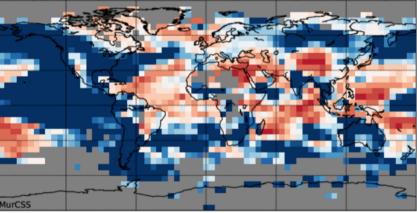
Smooth out

2_5_tas_user-b324031_ancestry-dpes_mpi-esm-lr_edfg_1977-2008_msss.nc_ masked_

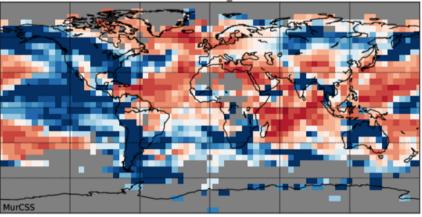


2_5_tas_preop_output_mpi-esm-lr_dpes4e_1977-2008_msss.nc_masked

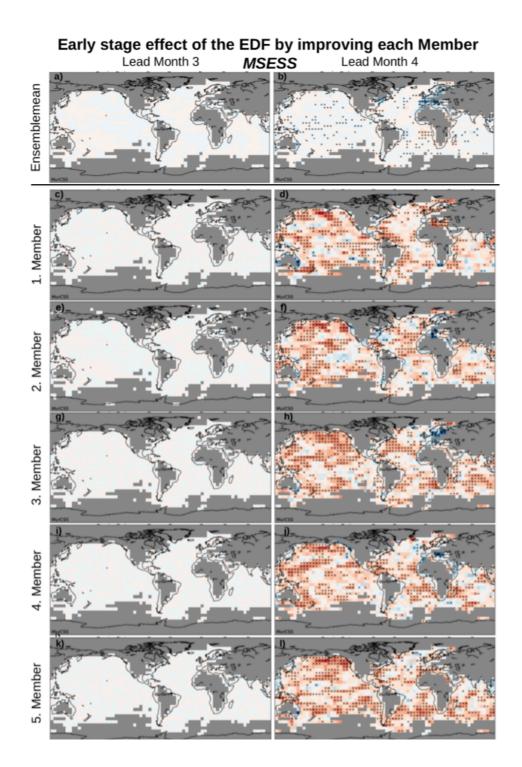
Normal MiKlip Prediction System



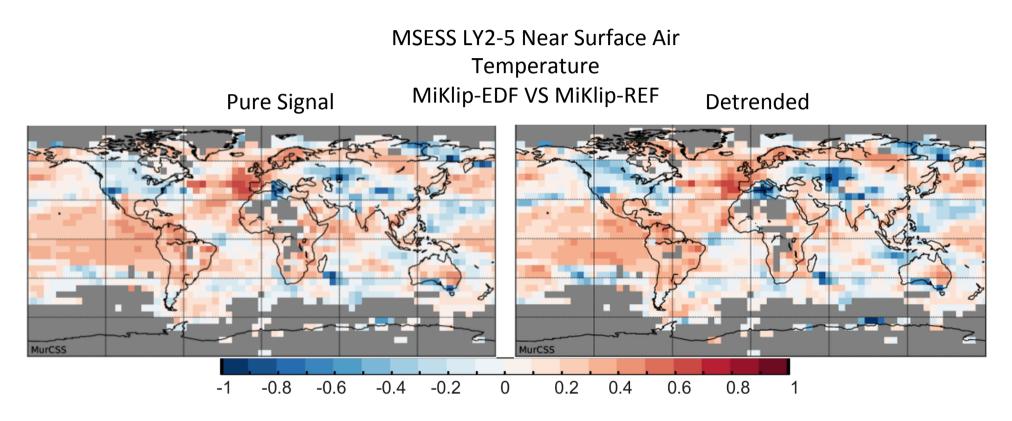
2_5_tas_user-b324031_ancestry-dpes_mpi-esm-lr_dpes4e_1977-2008_msss.nc_ masked_



Ensemble Dispersion Filter



Detrended?

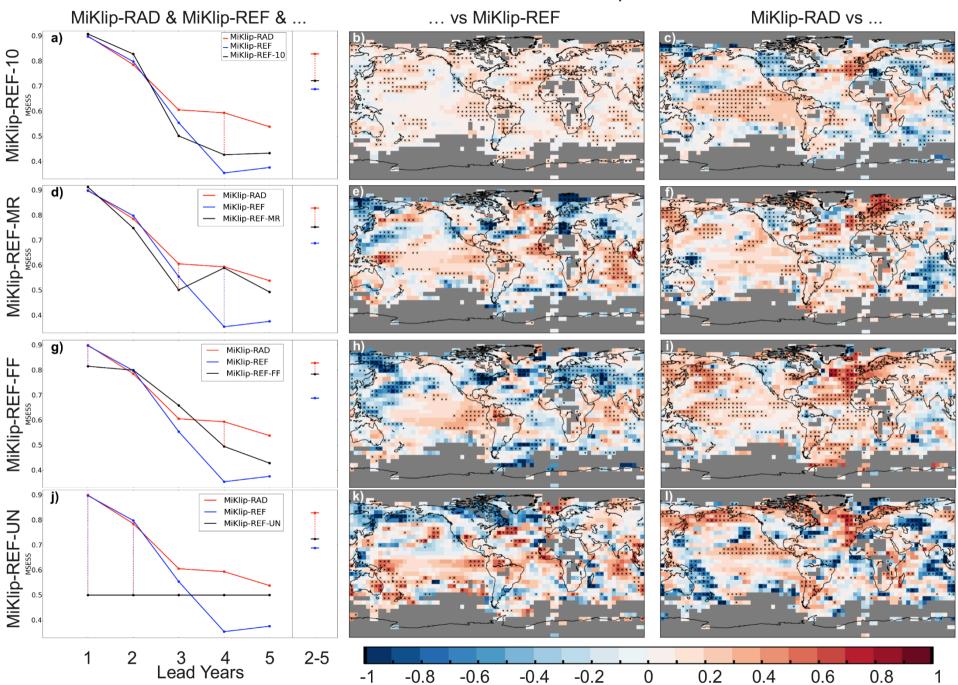


Improvement is also true for detrended analysis and true for global mean temperature (not shown)

QUESTION:

What about other MiKlip Prediction Systems?

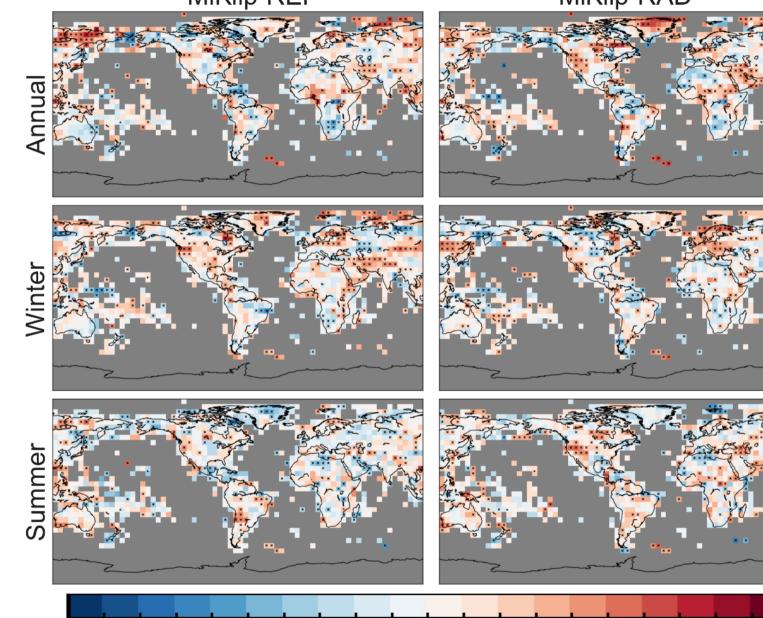
MSESS - Near Surface Air Temperature



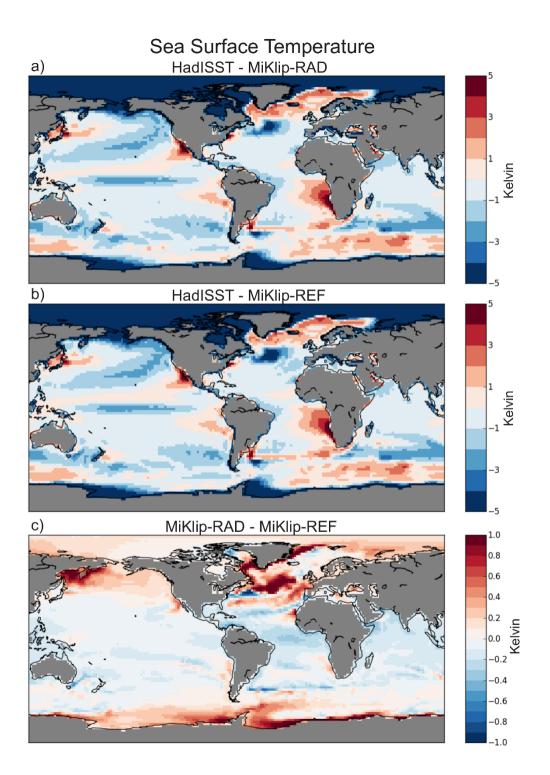
Correlation - Precipitation

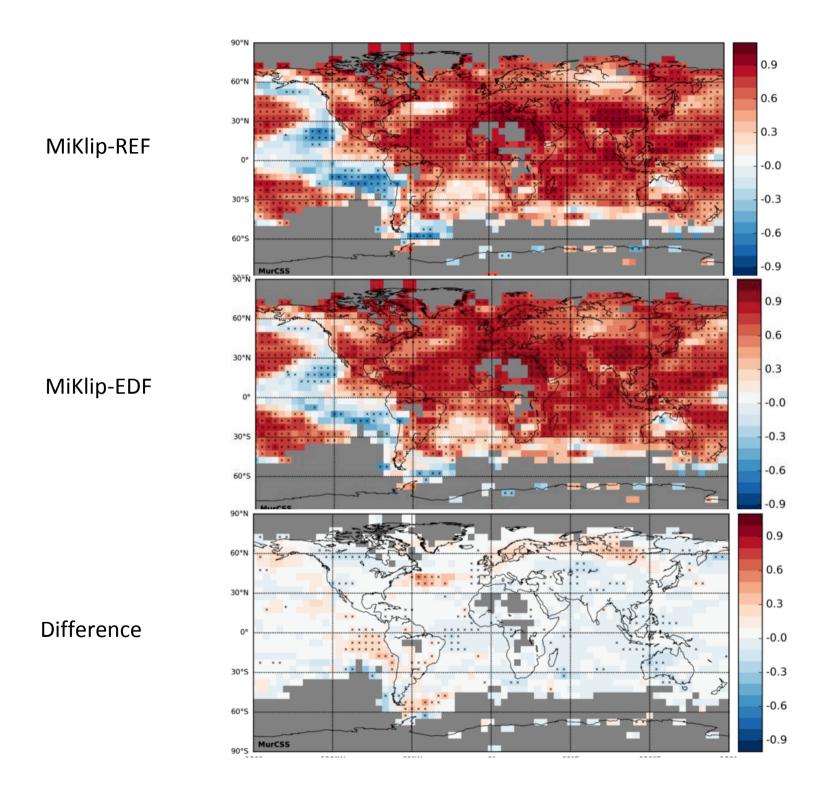
MiKlip-REF

MiKlip-RAD

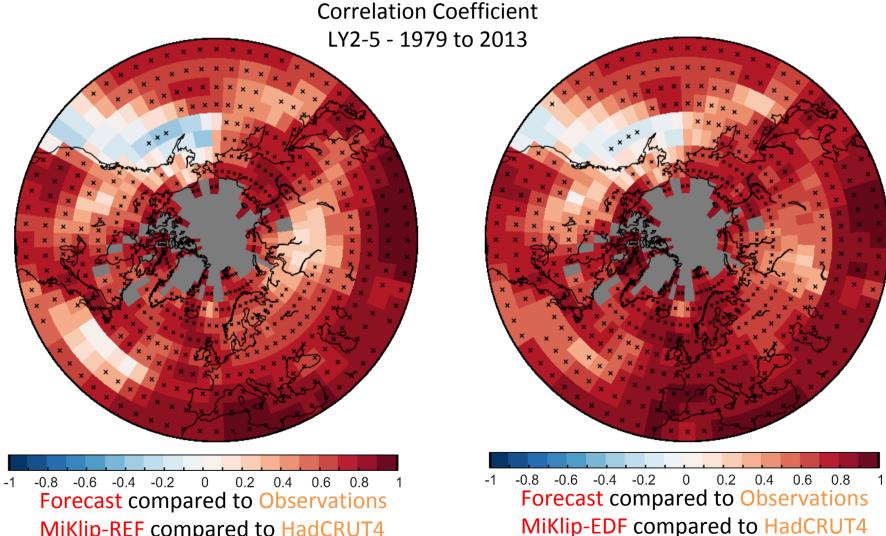


-1 -0.8 -0.6 -0.4 -0.2 0 0.2 0.4 0.6 0.8 1



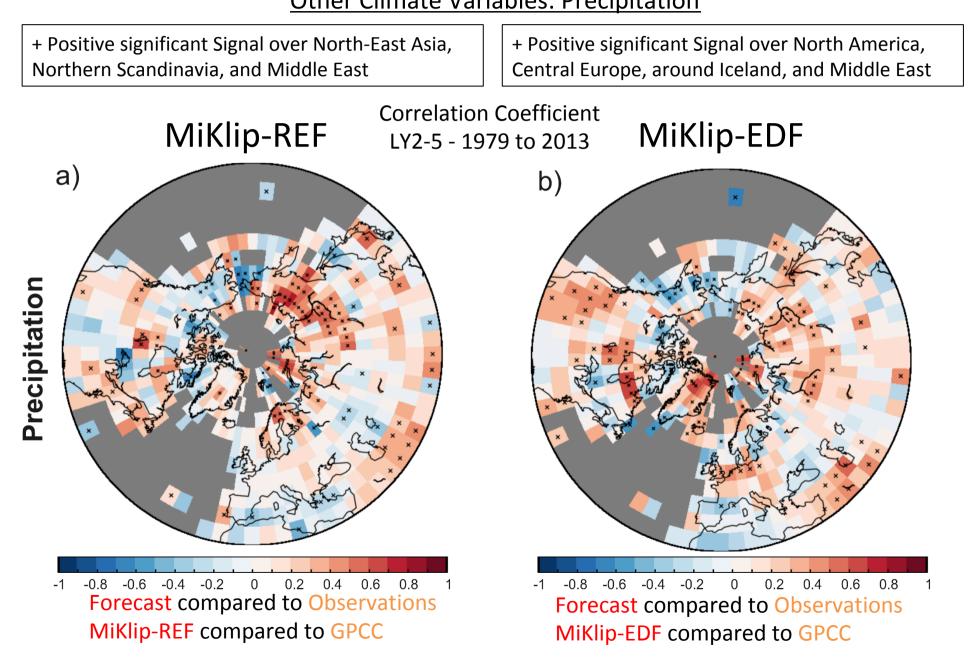


Question: Is the EDF system better? Answer: Compare the evaluations! **Near-Surface Air Temperature** MiKlip-REF MiKlip-EDF



Miklip-REF compared to HadCRUT4

Question: Is the EDF system better? Answer: Compare the evaluations! Other Climate Variables: Precipitation



Question: Is the EDF system better? Answer: Compare the evaluations! Other Climate Variables: Winter Cyclones (DJF)

