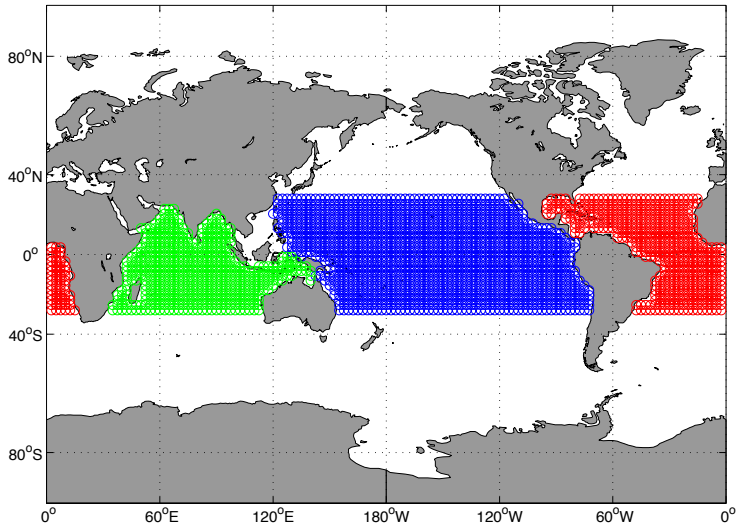
Research Assistant Work

17-24 July

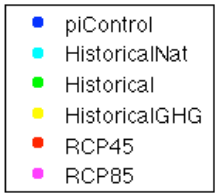
18 models contain all 6 scenarios among 47 models.

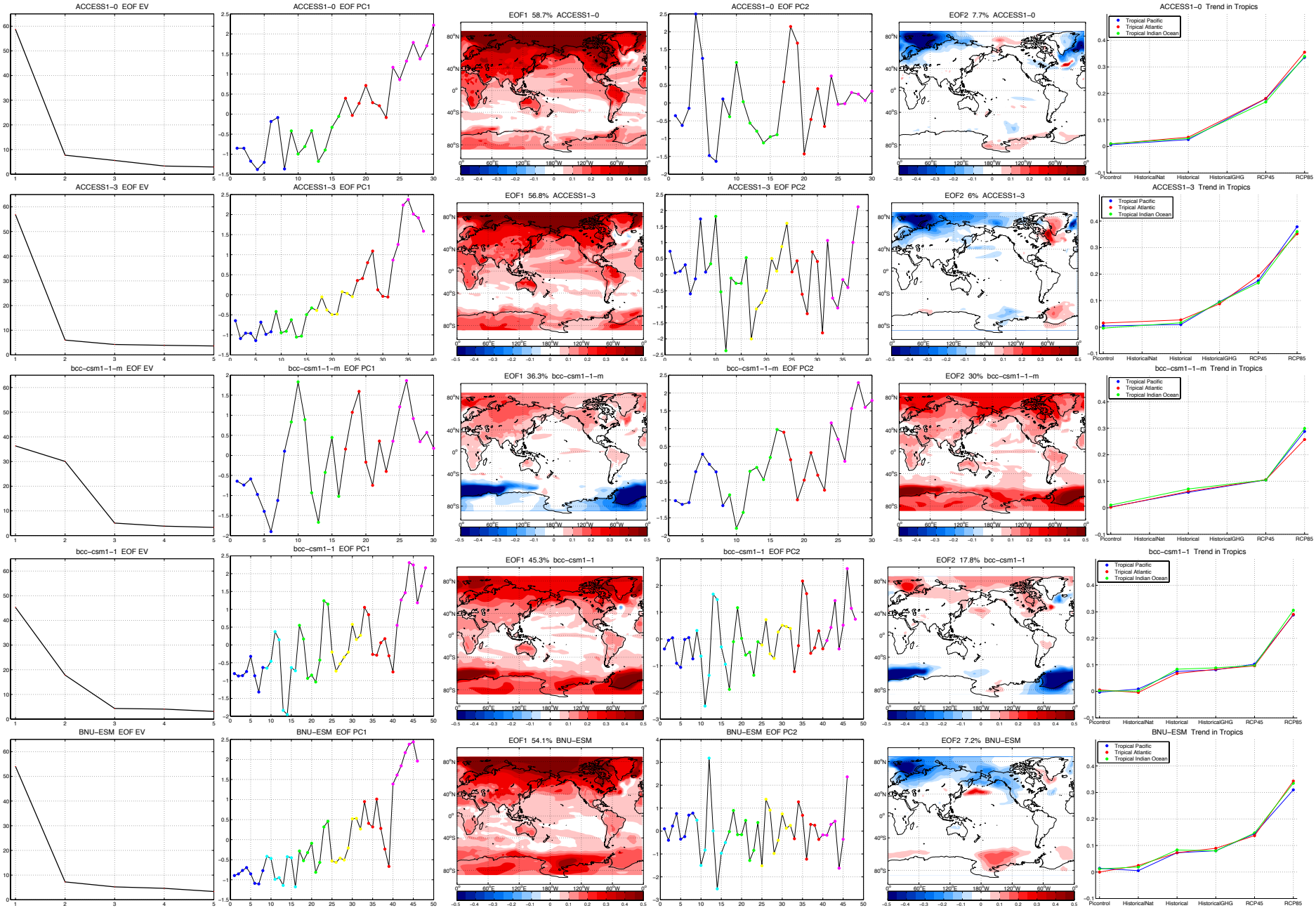
Unit: K/10a

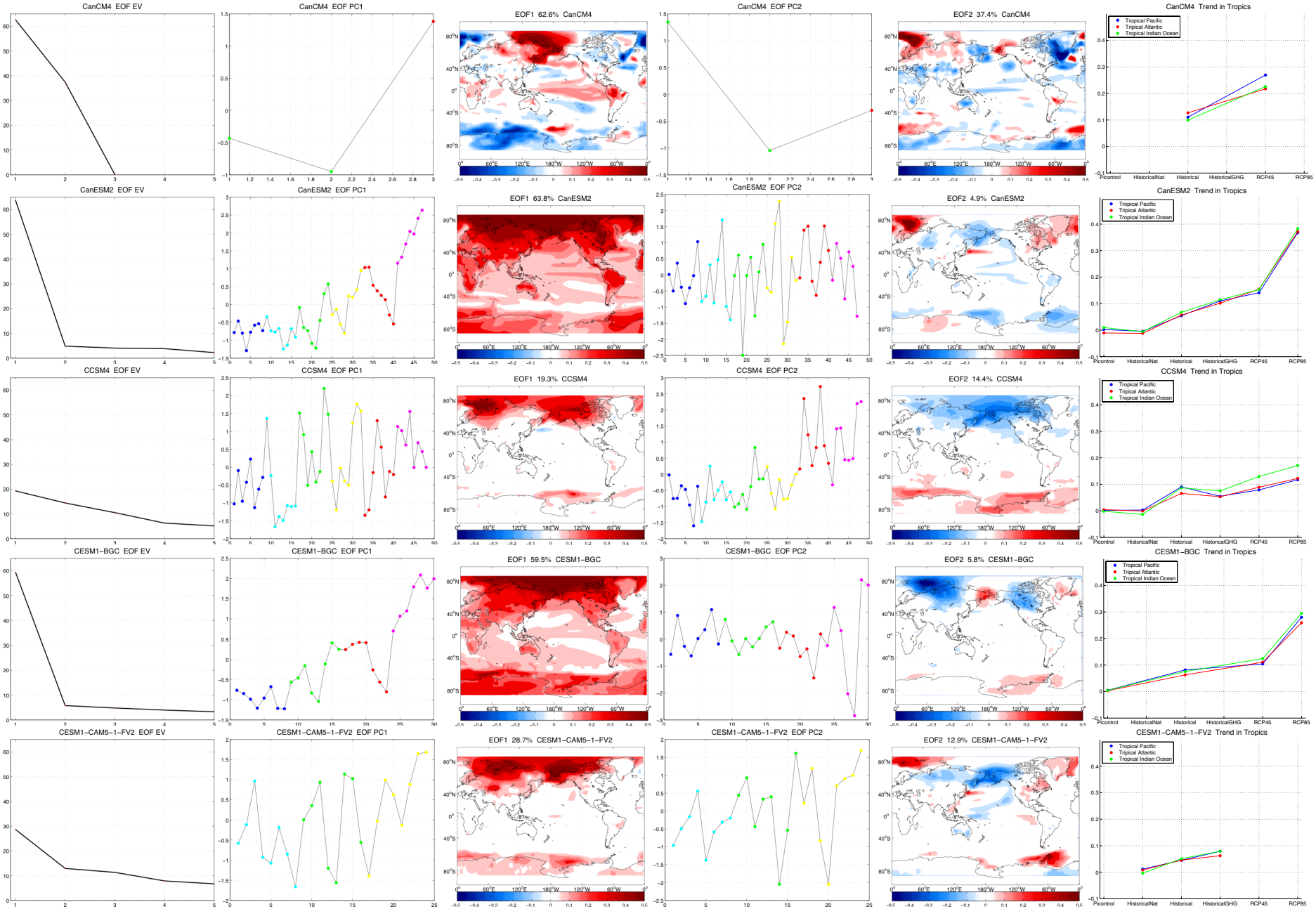
Mask for the trend calculation

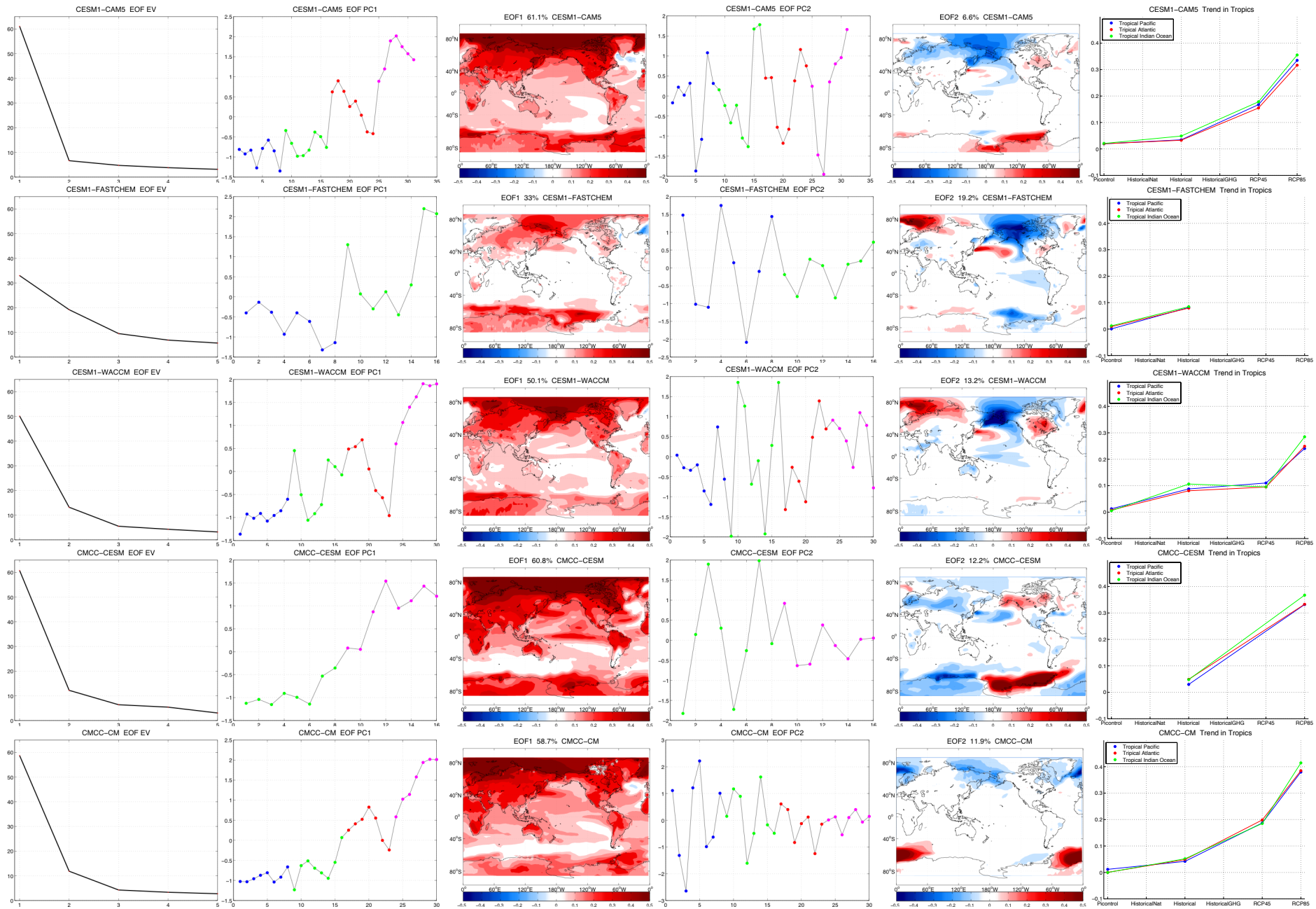


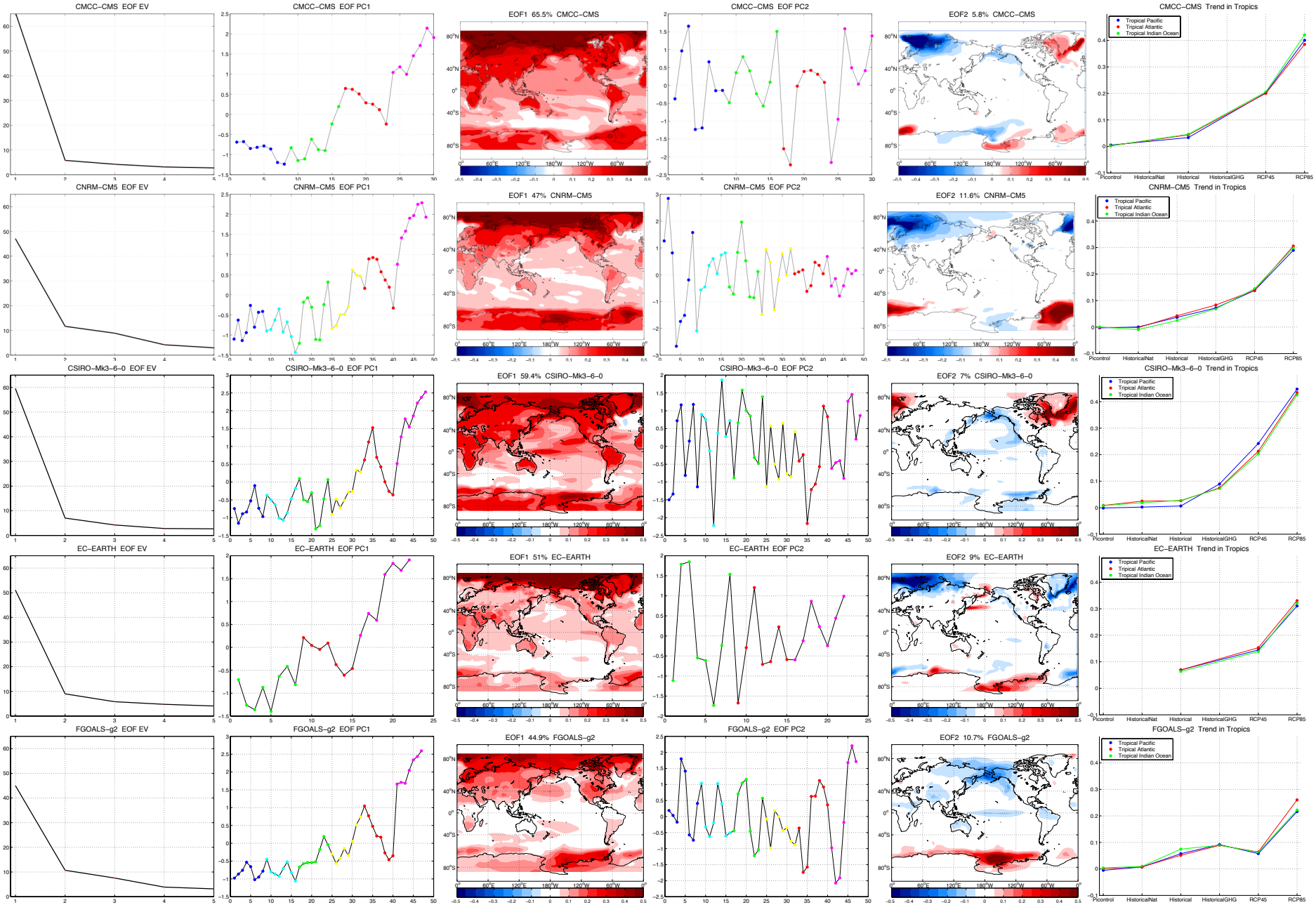
legend of PC time series

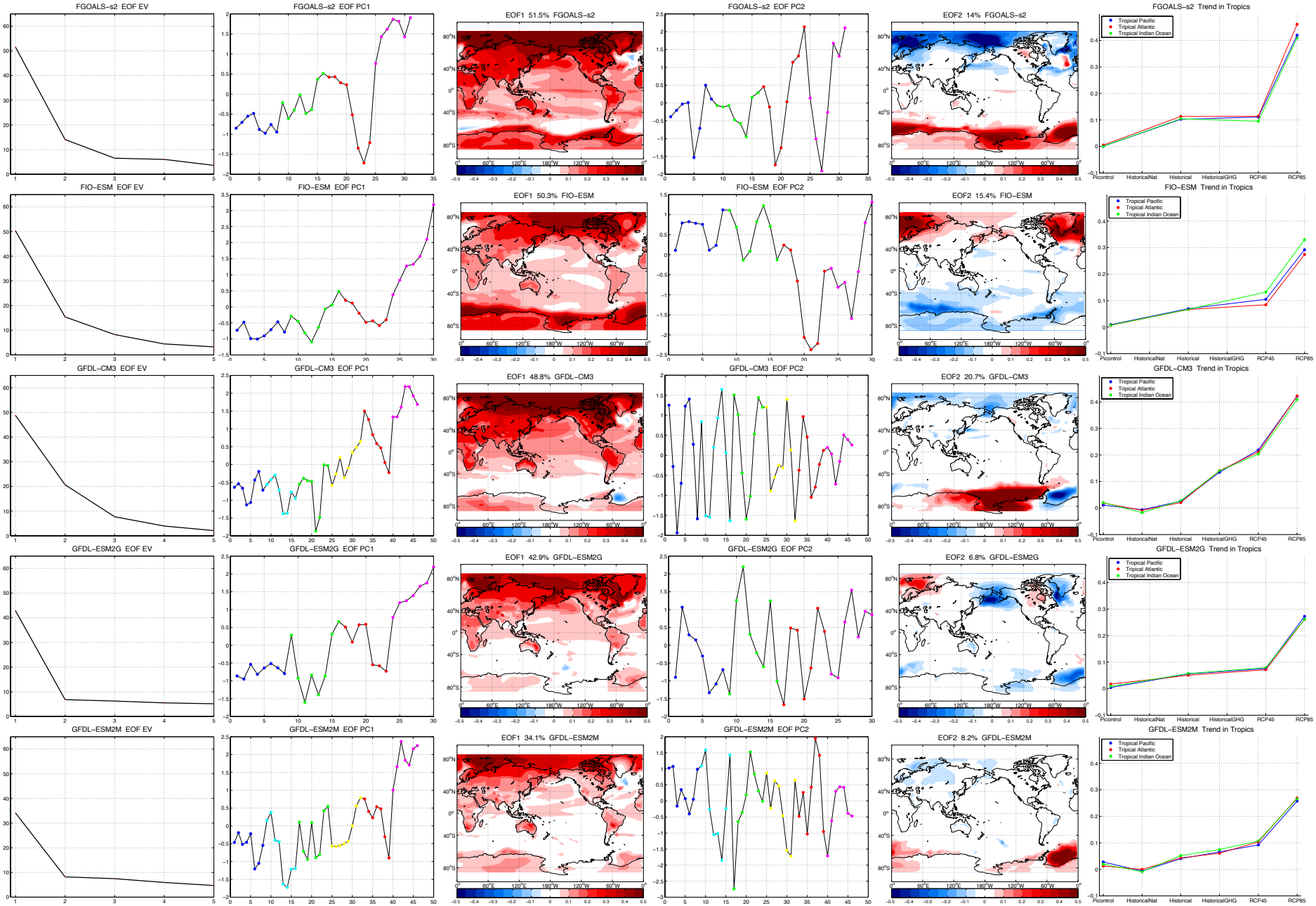


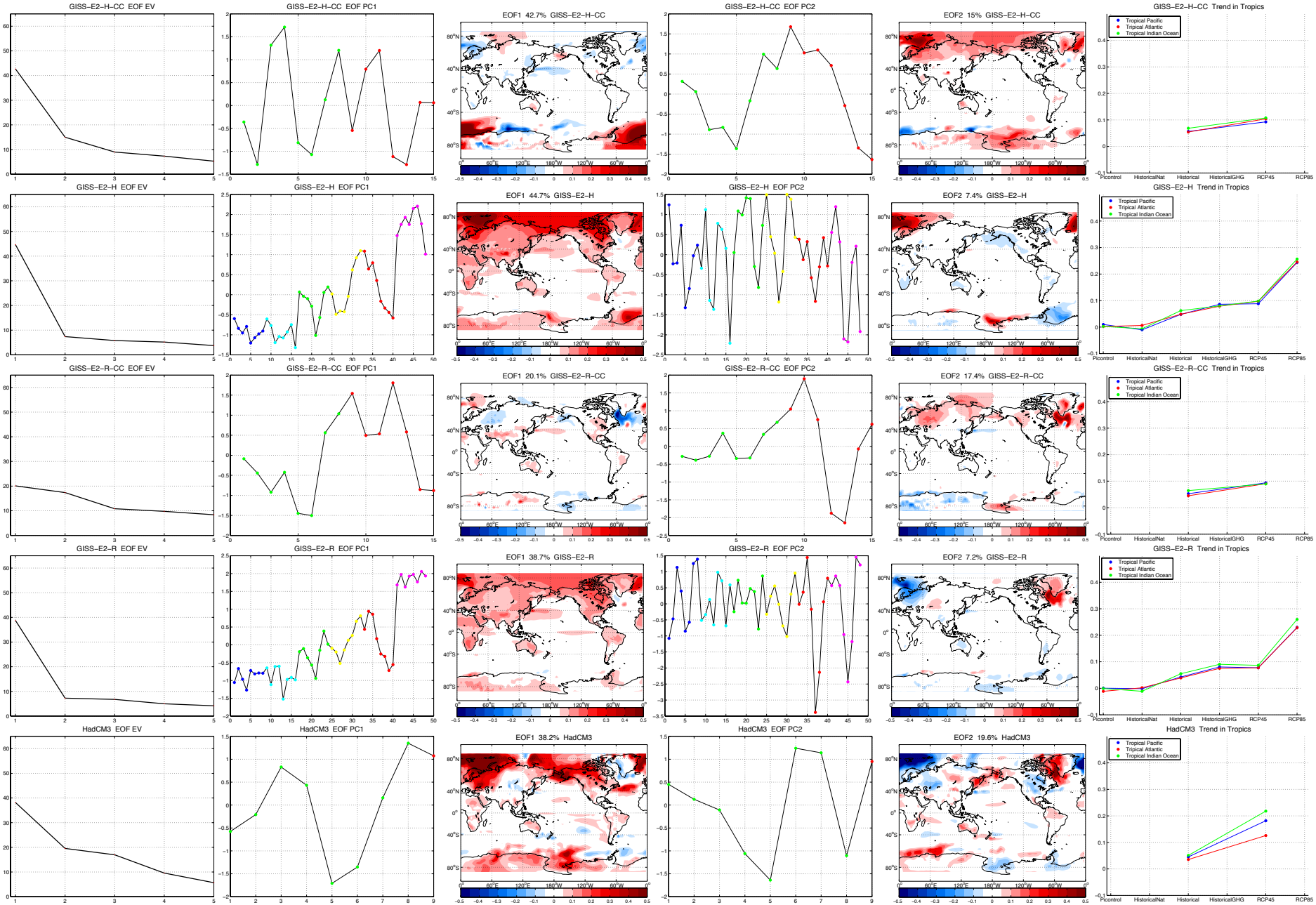

ACCESS1−0 EOF EV
ACCESS1−0 EOF PC1
EOF1 58.7% ACCESS1−0
ACCESS1−0 EOF PC2
EOF2 7.7% ACCESS1−0
ACCESS1−0 Trend in Tropics
ACCESS1−3 EOF EV
ACCESS1−3 EOF PC1
EOF1 56.8% ACCESS1−3
ACCESS1−3 EOF PC2
EOF2 6% ACCESS1−3
ACCESS1−3 Trend in Tropics
bcc−csm1−1−m EOF EV
bcc−csm1−1−m EOF PC1
EOF1 36.3% bcc−csm1−1−m
bcc−csm1−1−m EOF PC2
EOF2 30% bcc−csm1−1−m
bcc−csm1−1−m Trend in Tropics
bcc−csm1−1 EOF EV
bcc−csm1−1 EOF PC1
EOF1 45.3% bcc−csm1−1
bcc−csm1−1 EOF PC2
EOF2 17.8% bcc−csm1−1
bcc−csm1−1 Trend in Tropics
BNU−ESM EOF EV
BNU−ESM EOF PC1
EOF1 54.1% BNU−ESM
BNU−ESM EOF PC2
EOF2 7.2% BNU−ESM
BNU−ESM Trend in Tropics
Tropical Pacific
Tripical Atlantic
Tropical Indian Ocean
Picontrol
HistoricalNat
Historical
HistoricalGHG
RCP45
RCP85

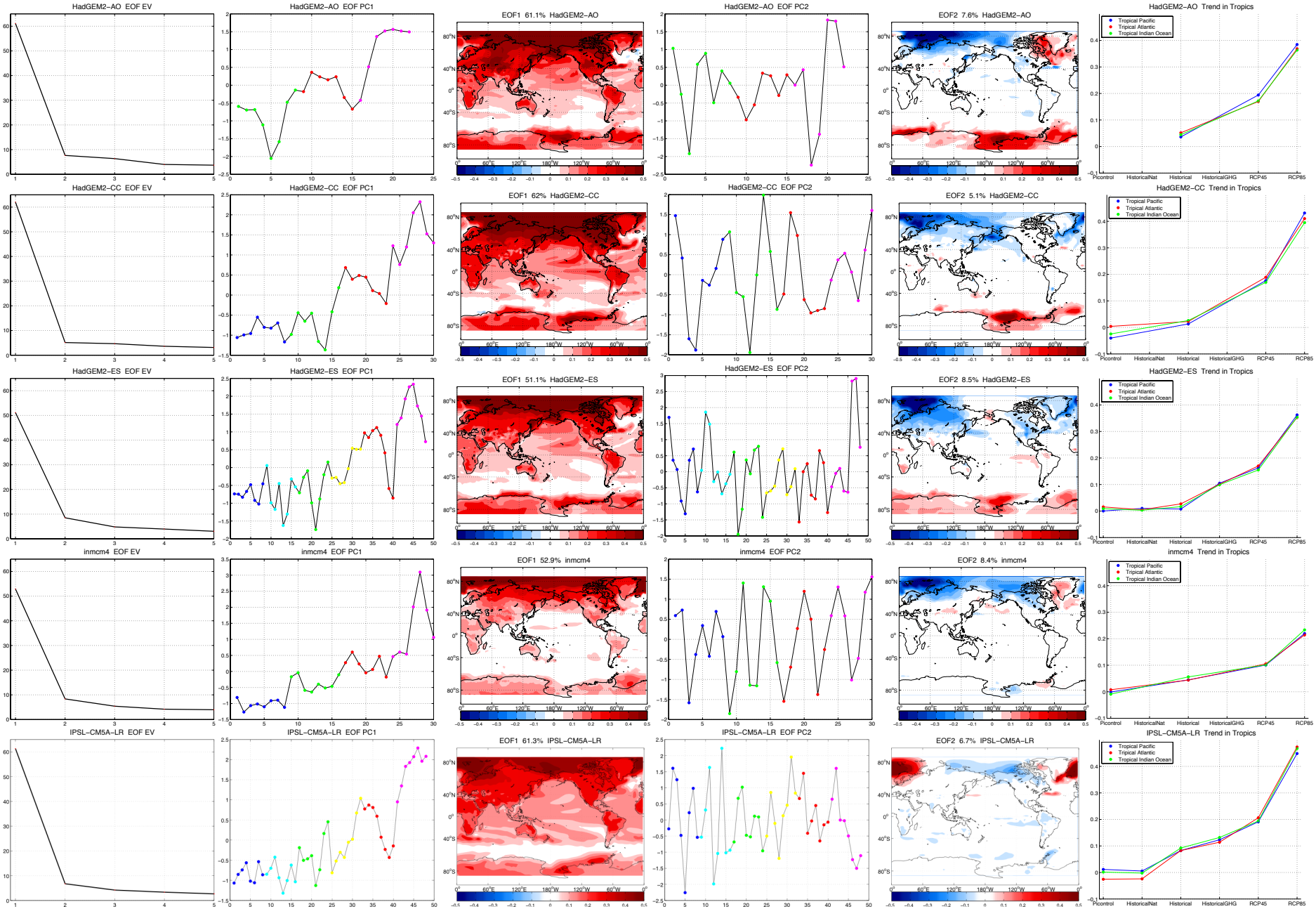

CanCM4 EOF EV
CanCM4 EOF PC1
EOF1 62.6% CanCM4
CanCM4 EOF PC2
EOF2 37.4% CanCM4
CanCM4 Trend in Tropics
CanESM2 EOF EV
CanESM2 EOF PC1
EOF1 63.8% CanESM2
CanESM2 EOF PC2
EOF2 4.9% CanESM2
CanESM2 Trend in Tropics
CCSM4 EOF EV
CCSM4 EOF PC1
EOF1 19.3% CCSM4
CCSM4 EOF PC2
EOF2 14.4% CCSM4
CCSM4 Trend in Tropics
CESM1−BGC EOF EV
CESM1−BGC EOF PC1
EOF1 59.5% CESM1−BGC
CESM1−BGC EOF PC2
EOF2 5.8% CESM1−BGC
CESM1−BGC Trend in Tropics
CESM1−CAM5−1−FV2 EOF EV
CESM1−CAM5−1−FV2 EOF PC1
EOF1 28.7% CESM1−CAM5−1−FV2
CESM1−CAM5−1−FV2 EOF PC2
EOF2 12.9% CESM1−CAM5−1−FV2
CESM1−CAM5−1−FV2 Trend in Tropics
Tropical Pacific
Tripical Atlantic
Tropical Indian Ocean
Picontrol
HistoricalNat
Historical
HistoricalGHG
RCP45
RCP85

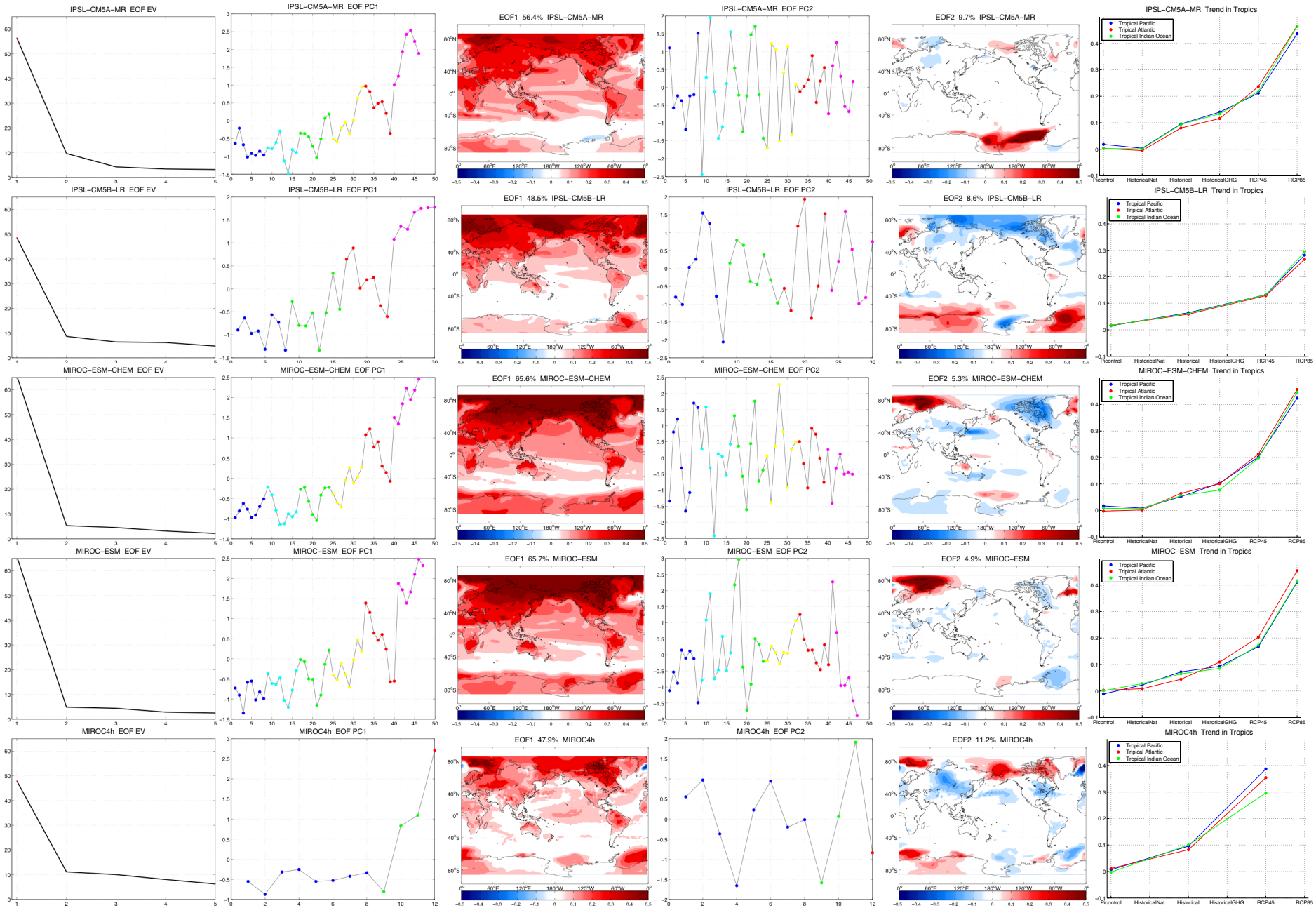

CESM1−CAM5 EOF EV
CESM1−CAM5 EOF PC1
EOF1 61.1% CESM1−CAM5
CESM1−CAM5 EOF PC2
EOF2 6.6% CESM1−CAM5
CESM1−CAM5 Trend in Tropics
CESM1−FASTCHEM EOF EV
CESM1−FASTCHEM EOF PC1
EOF1 33% CESM1−FASTCHEM
CESM1−FASTCHEM EOF PC2
EOF2 19.2% CESM1−FASTCHEM
CESM1−FASTCHEM Trend in Tropics
CESM1−WACCM EOF EV
CESM1−WACCM EOF PC1
EOF1 50.1% CESM1−WACCM
CESM1−WACCM EOF PC2
EOF2 13.2% CESM1−WACCM
CESM1−WACCM Trend in Tropics
CMCC−CESM EOF EV
CMCC−CESM EOF PC1
EOF1 60.8% CMCC−CESM
CMCC−CESM EOF PC2
EOF2 12.2% CMCC−CESM
CMCC−CESM Trend in Tropics
CMCC−CM EOF EV
CMCC−CM EOF PC1
EOF1 58.7% CMCC−CM
CMCC−CM EOF PC2
EOF2 11.9% CMCC−CM
CMCC−CM Trend in Tropics
Tropical Pacific
Tripical Atlantic
Tropical Indian Ocean
Picontrol
HistoricalNat
Historical
HistoricalGHG
RCP45
RCP85

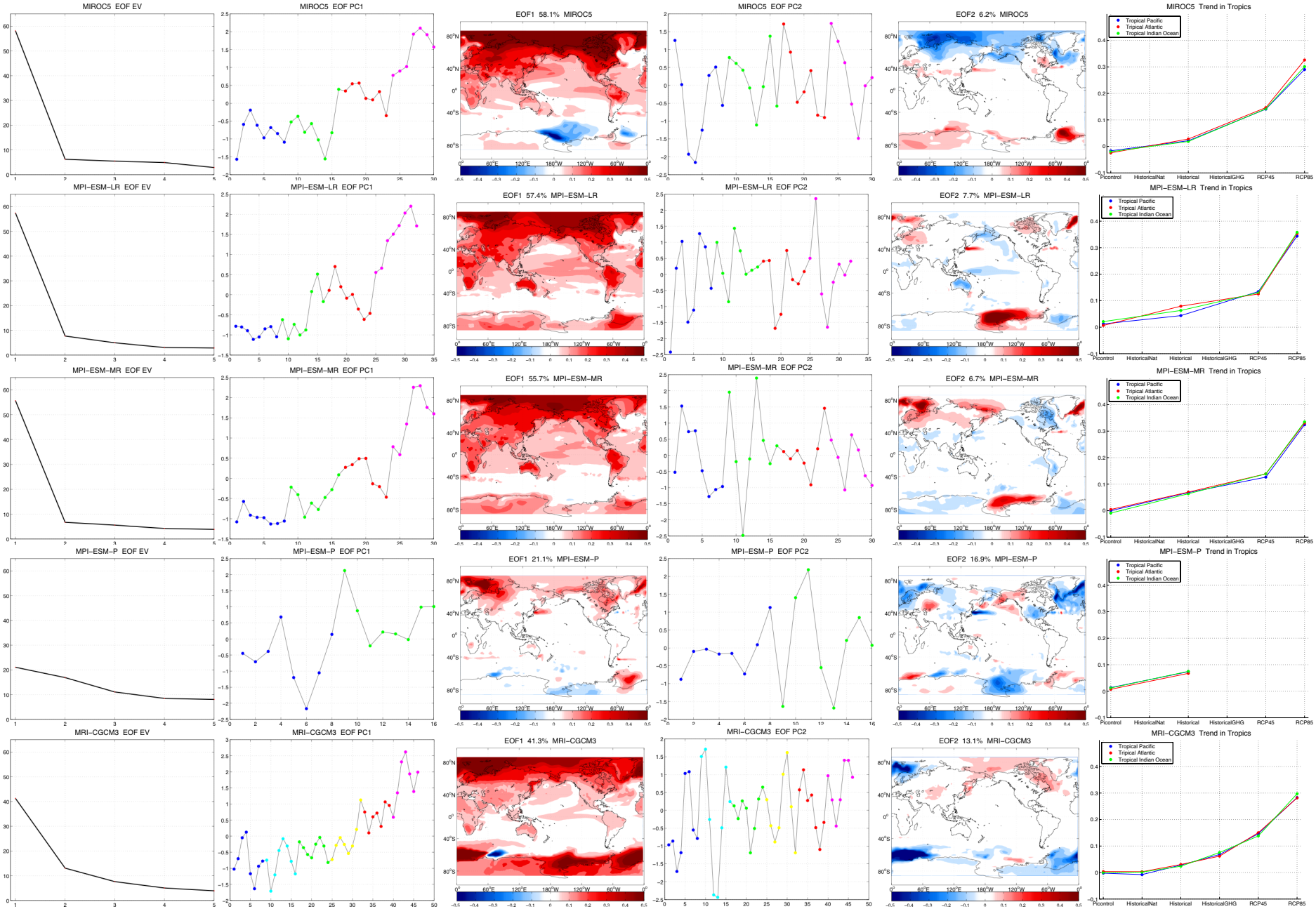

CMCC−CMS EOF EV
CMCC−CMS EOF PC1
EOF1 65.5% CMCC−CMS
CMCC−CMS EOF PC2
EOF2 5.8% CMCC−CMS
CMCC−CMS Trend in Tropics
CNRM−CM5 EOF EV
CNRM−CM5 EOF PC1
EOF1 47% CNRM−CM5
CNRM−CM5 EOF PC2
EOF2 11.6% CNRM−CM5
CNRM−CM5 Trend in Tropics
CSIRO−Mk3−6−0 EOF EV
CSIRO−Mk3−6−0 EOF PC1
EOF1 59.4% CSIRO−Mk3−6−0
CSIRO−Mk3−6−0 EOF PC2
EOF2 7% CSIRO−Mk3−6−0
CSIRO−Mk3−6−0 Trend in Tropics
EC−EARTH EOF EV
EC−EARTH EOF PC1
EOF1 51% EC−EARTH
EC−EARTH EOF PC2
EOF2 9% EC−EARTH
EC−EARTH Trend in Tropics
FGOALS−g2 EOF EV
FGOALS−g2 EOF PC1
EOF1 44.9% FGOALS−g2
FGOALS−g2 EOF PC2
EOF2 10.7% FGOALS−g2
FGOALS−g2 Trend in Tropics
Tropical Pacific
Tripical Atlantic
Tropical Indian Ocean
Picontrol
HistoricalNat
Historical
HistoricalGHG
RCP45
RCP85

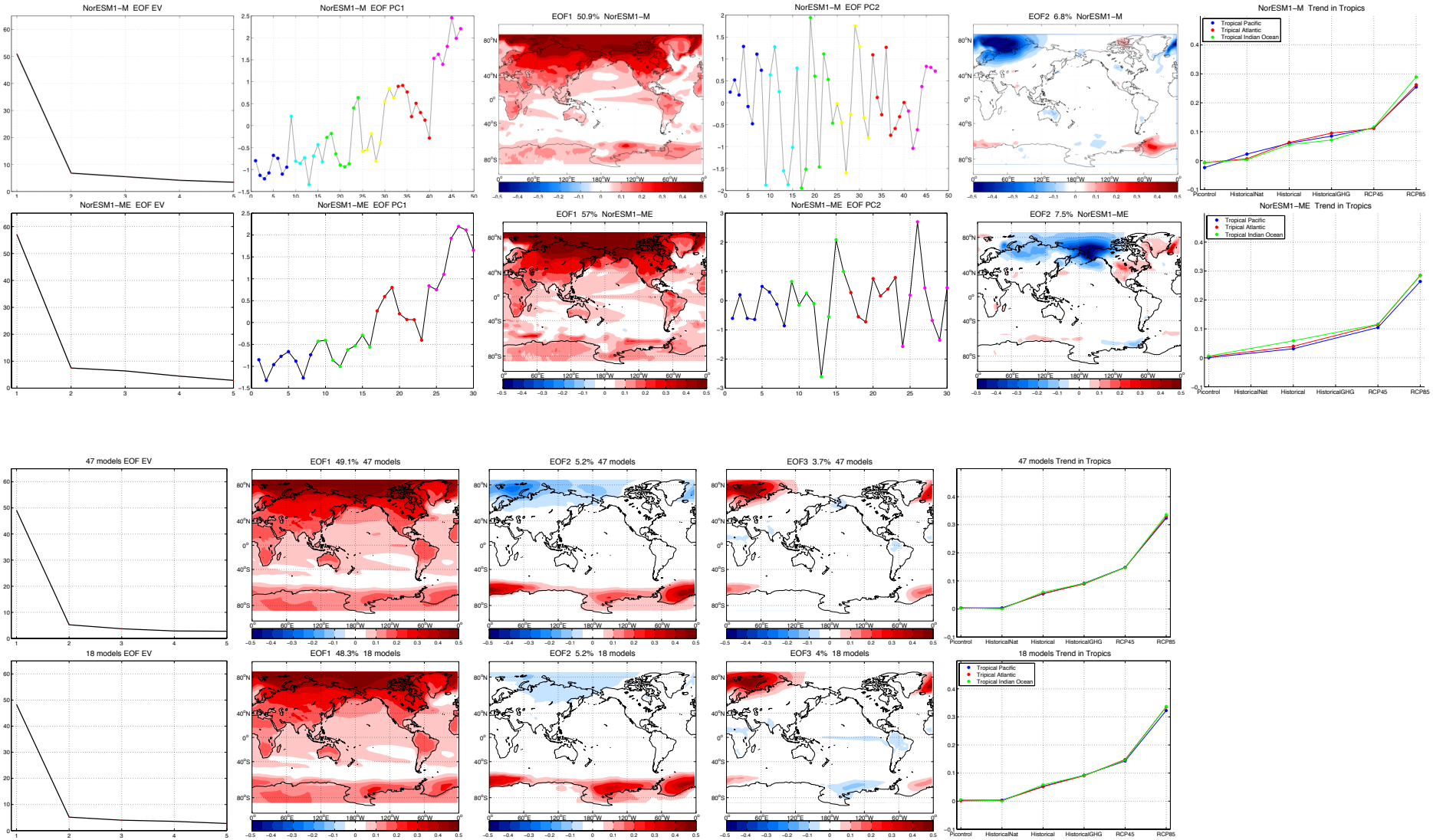

FGOALS−s2 EOF EV
FGOALS−s2 EOF PC1
EOF1 51.5% FGOALS−s2
FGOALS−s2 EOF PC2
EOF2 14% FGOALS−s2
FGOALS−s2 Trend in Tropics
FIO−ESM EOF EV
FIO−ESM EOF PC1
EOF1 50.3% FIO−ESM
FIO−ESM EOF PC2
EOF2 15.4% FIO−ESM
FIO−ESM Trend in Tropics
GFDL−CM3 EOF EV
GFDL−CM3 EOF PC1
EOF1 48.8% GFDL−CM3
GFDL−CM3 EOF PC2
EOF2 20.7% GFDL−CM3
GFDL−CM3 Trend in Tropics
GFDL−ESM2G EOF EV
GFDL−ESM2G EOF PC1
EOF1 42.9% GFDL−ESM2G
GFDL−ESM2G EOF PC2
EOF2 6.8% GFDL−ESM2G
GFDL−ESM2G Trend in Tropics
GFDL−ESM2M EOF EV
GFDL−ESM2M EOF PC1
EOF1 34.1% GFDL−ESM2M
GFDL−ESM2M EOF PC2
EOF2 8.2% GFDL−ESM2M
GFDL−ESM2M Trend in Tropics
Tropical Pacific
Tripical Atlantic
Tropical Indian Ocean
Picontrol
HistoricalNat
Historical
HistoricalGHG
RCP45
RCP85


GISS−E2−H−CC EOF EV
GISS−E2−H−CC EOF PC1
EOF1 42.7% GISS−E2−H−CC
GISS−E2−H−CC EOF PC2
EOF2 15% GISS−E2−H−CC
GISS−E2−H−CC Trend in Tropics
GISS−E2−H EOF EV
GISS−E2−H EOF PC1
EOF1 44.7% GISS−E2−H
GISS−E2−H EOF PC2
EOF2 7.4% GISS−E2−H
GISS−E2−H Trend in Tropics
GISS−E2−R−CC EOF EV
GISS−E2−R−CC EOF PC1
EOF1 20.1% GISS−E2−R−CC
GISS−E2−R−CC EOF PC2
EOF2 17.4% GISS−E2−R−CC
GISS−E2−R−CC Trend in Tropics
GISS−E2−R EOF EV
GISS−E2−R EOF PC1
EOF1 38.7% GISS−E2−R
GISS−E2−R EOF PC2
EOF2 7.2% GISS−E2−R
GISS−E2−R Trend in Tropics
HadCM3 EOF EV
HadCM3 EOF PC1
EOF1 38.2% HadCM3
HadCM3 EOF PC2
EOF2 19.6% HadCM3
HadCM3 Trend in Tropics
Tropical Pacific
Tripical Atlantic
Tropical Indian Ocean
Picontrol
HistoricalNat
Historical
HistoricalGHG
RCP45
RCP85


HadGEM2−AO EOF EV
HadGEM2−AO EOF PC1
EOF1 61.1% HadGEM2−AO
HadGEM2−AO EOF PC2
EOF2 7.6% HadGEM2−AO
HadGEM2−AO Trend in Tropics
HadGEM2−CC EOF EV
HadGEM2−CC EOF PC1
EOF1 62% HadGEM2−CC
HadGEM2−CC EOF PC2
EOF2 5.1% HadGEM2−CC
HadGEM2−CC Trend in Tropics
HadGEM2−ES EOF EV
HadGEM2−ES EOF PC1
EOF1 51.1% HadGEM2−ES
HadGEM2−ES EOF PC2
EOF2 8.5% HadGEM2−ES
HadGEM2−ES Trend in Tropics
inmcm4 EOF EV
inmcm4 EOF PC1
EOF1 52.9% inmcm4
inmcm4 EOF PC2
EOF2 8.4% inmcm4
inmcm4 Trend in Tropics
IPSL−CM5A−LR EOF EV
IPSL−CM5A−LR EOF PC1
EOF1 61.3% IPSL−CM5A−LR
IPSL−CM5A−LR EOF PC2
EOF2 6.7% IPSL−CM5A−LR
IPSL−CM5A−LR Trend in Tropics
Tropical Pacific
Tripical Atlantic
Tropical Indian Ocean
Picontrol
HistoricalNat
Historical
HistoricalGHG
RCP45
RCP85


IPSL−CM5A−MR EOF EV
IPSL−CM5A−MR EOF PC1
EOF1 56.4% IPSL−CM5A−MR
IPSL−CM5A−MR EOF PC2
EOF2 9.7% IPSL−CM5A−MR
IPSL−CM5A−MR Trend in Tropics
IPSL−CM5B−LR EOF EV
IPSL−CM5B−LR EOF PC1
EOF1 48.5% IPSL−CM5B−LR
IPSL−CM5B−LR EOF PC2
EOF2 8.6% IPSL−CM5B−LR
IPSL−CM5B−LR Trend in Tropics
MIROC−ESM−CHEM EOF EV
MIROC−ESM−CHEM EOF PC1
EOF1 65.6% MIROC−ESM−CHEM
MIROC−ESM−CHEM EOF PC2
EOF2 5.3% MIROC−ESM−CHEM
MIROC−ESM−CHEM Trend in Tropics
MIROC−ESM EOF EV
MIROC−ESM EOF PC1
EOF1 65.7% MIROC−ESM
MIROC−ESM EOF PC2
EOF2 4.9% MIROC−ESM
MIROC−ESM Trend in Tropics
MIROC4h EOF EV
MIROC4h EOF PC1
EOF1 47.9% MIROC4h
MIROC4h EOF PC2
EOF2 11.2% MIROC4h
MIROC4h Trend in Tropics
Tropical Pacific
Tripical Atlantic
Tropical Indian Ocean
Picontrol
HistoricalNat
Historical
HistoricalGHG
RCP45
RCP85


MIROC5 EOF EV
MIROC5 EOF PC1
EOF1 58.1% MIROC5
MIROC5 EOF PC2
EOF2 6.2% MIROC5
MIROC5 Trend in Tropics
MPI−ESM−LR EOF EV
MPI−ESM−LR EOF PC1
EOF1 57.4% MPI−ESM−LR
MPI−ESM−LR EOF PC2
EOF2 7.7% MPI−ESM−LR
MPI−ESM−LR Trend in Tropics
MPI−ESM−MR EOF EV
MPI−ESM−MR EOF PC1
EOF1 55.7% MPI−ESM−MR
MPI−ESM−MR EOF PC2
EOF2 6.7% MPI−ESM−MR
MPI−ESM−MR Trend in Tropics
MPI−ESM−P EOF EV
MPI−ESM−P EOF PC1
EOF1 21.1% MPI−ESM−P
MPI−ESM−P EOF PC2
EOF2 16.9% MPI−ESM−P
MPI−ESM−P Trend in Tropics
MRI−CGCM3 EOF EV
MRI−CGCM3 EOF PC1
EOF1 41.3% MRI−CGCM3
MRI−CGCM3 EOF PC2
EOF2 13.1% MRI−CGCM3
MRI−CGCM3 Trend in Tropics
Tropical Pacific
Tripical Atlantic
Tropical Indian Ocean
Picontrol
HistoricalNat
Historical
HistoricalGHG
RCP45
RCP85


NorESM1−M EOF EV
NorESM1−M EOF PC1
EOF1 50.9% NorESM1−M
NorESM1−M EOF PC2
EOF2 6.8% NorESM1−M
NorESM1−M Trend in Tropics
Tropical Pacific
Tripical Atlantic
Tropical Indian Ocean
Picontrol
HistoricalNat
Historical
HistoricalGHG
RCP45
RCP85
NorESM1−ME EOF EV
NorESM1−ME EOF PC1
EOF1 57% NorESM1−ME
NorESM1−ME EOF PC2
EOF2 7.5% NorESM1−ME
NorESM1−ME Trend in Tropics
47 models EOF EV
EOF1 49.1% 47 models
EOF2 5.2% 47 models
EOF3 3.7% 47 models
47 models Trend in Tropics
18 models EOF EV
EOF1 48.3% 18 models
EOF2 5.2% 18 models
EOF3 4% 18 models
18 models Trend in Tropics