EmisDST1_Anthro (AnnualMean)
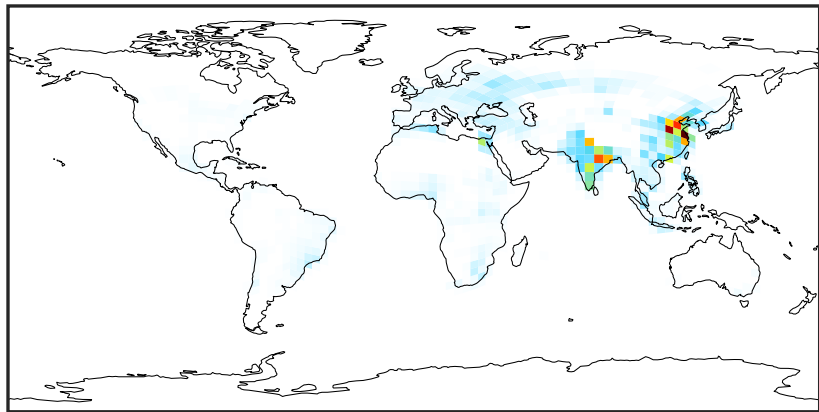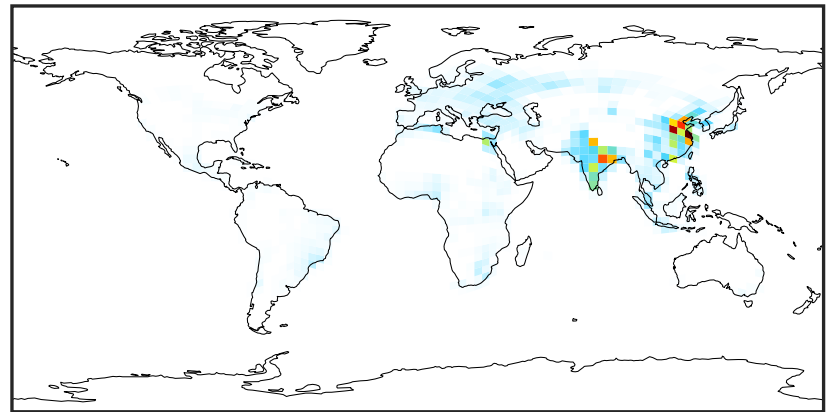
GCHP_14.0.0 (Ref)
c24

GCHP_14.2.0 (Dev)
c24

kg/m2/s

kg/m2/s

Difference (1x1.25)
Dev - Ref, Dynamic Range

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]

Zero throughout domain
kg/m2/s

Zero throughout domain
kg/m2/s

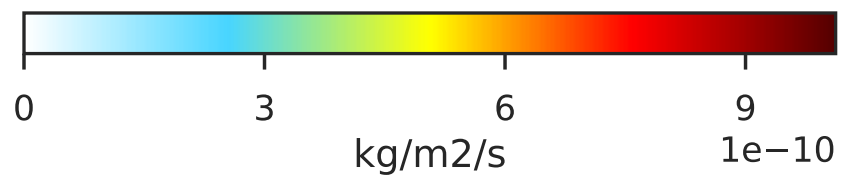### Ratio (1x1.25)
Dev/Ref, Dynamic Range
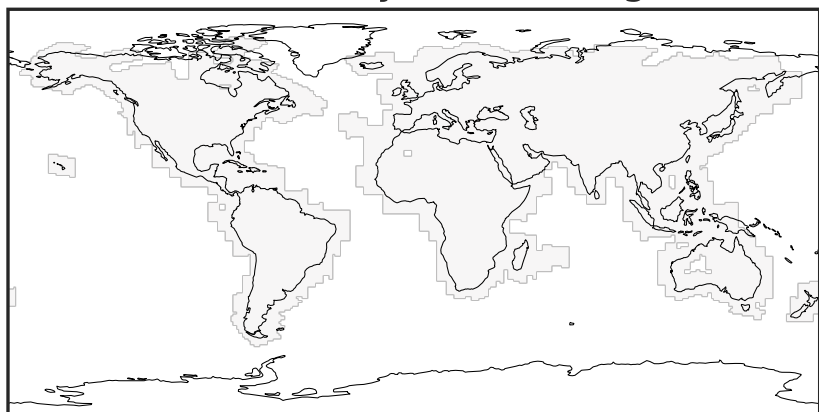
Ratio (1x1.25)
Dev/Ref, Fixed Range
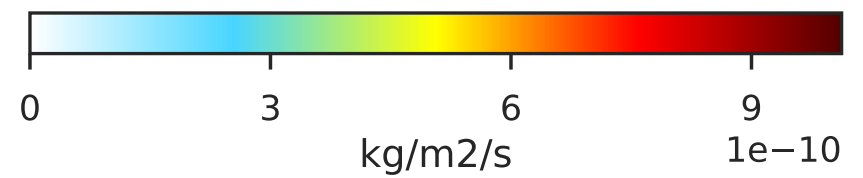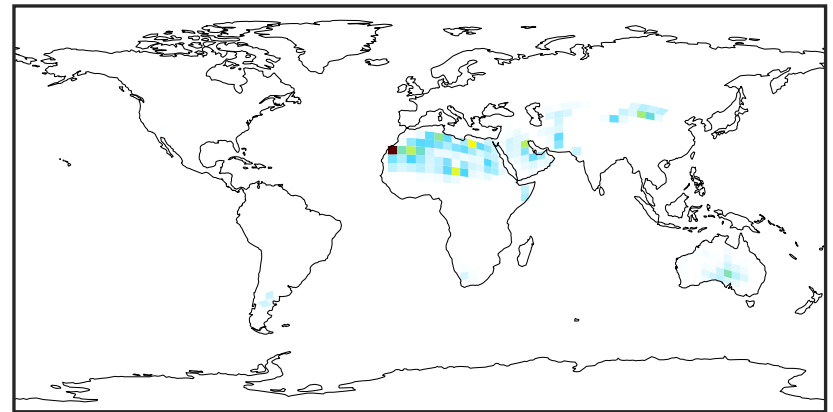
Ref and Dev equal throughout domain
unitless
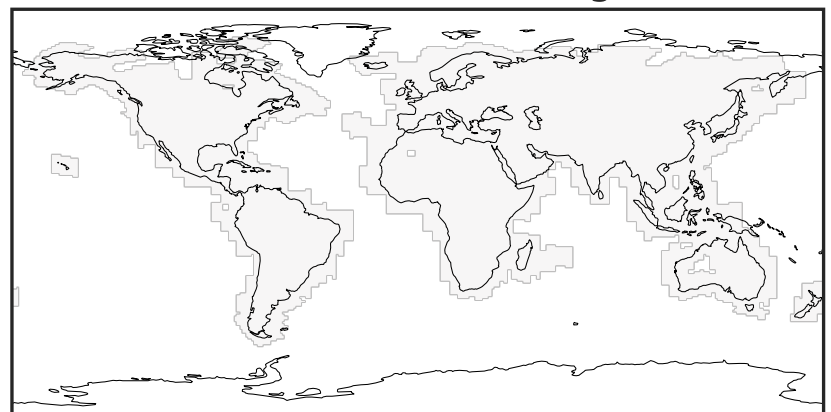
Ref and Dev equal throughout domain
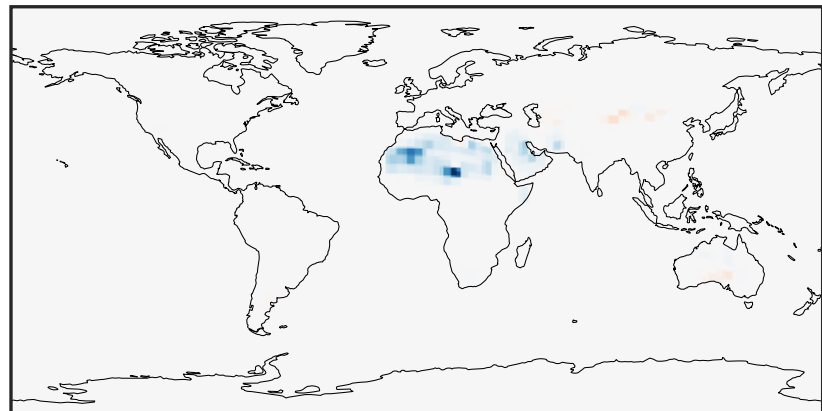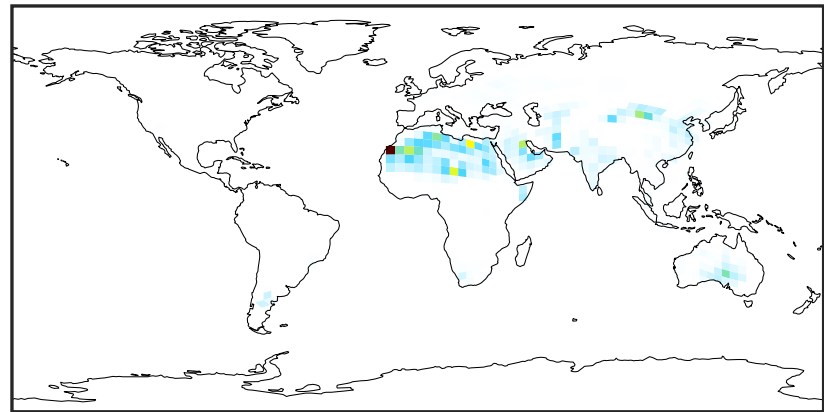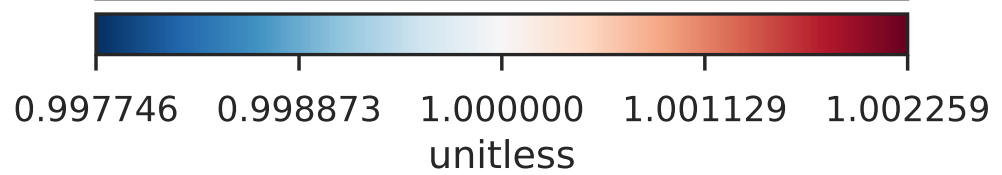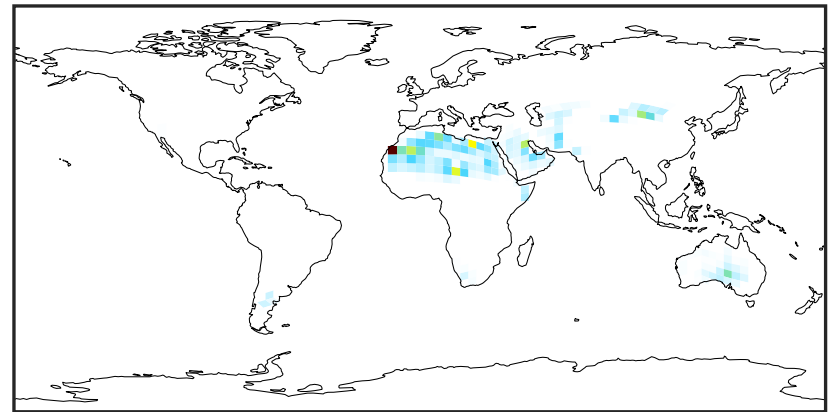unitless

EmisDST1_Natural (AnnualMean)
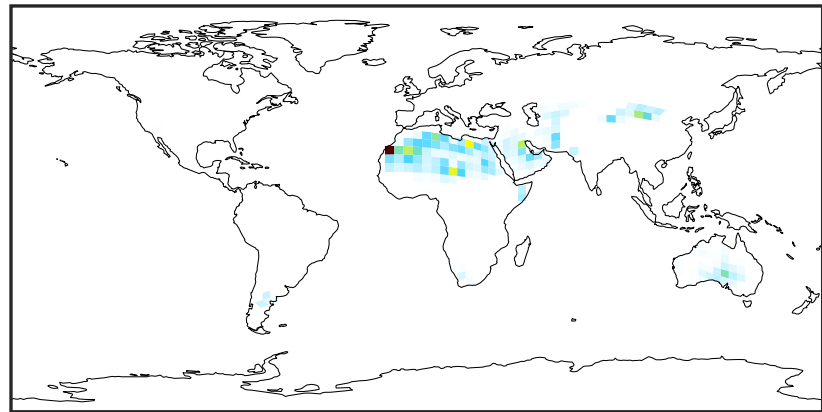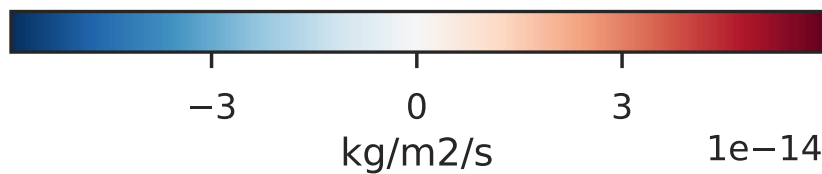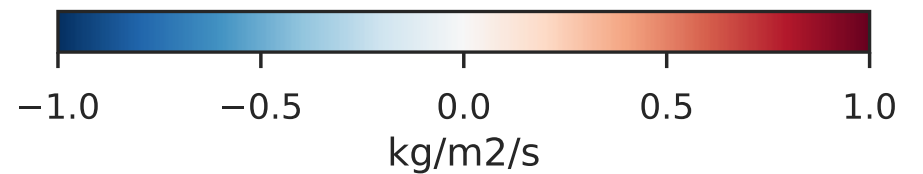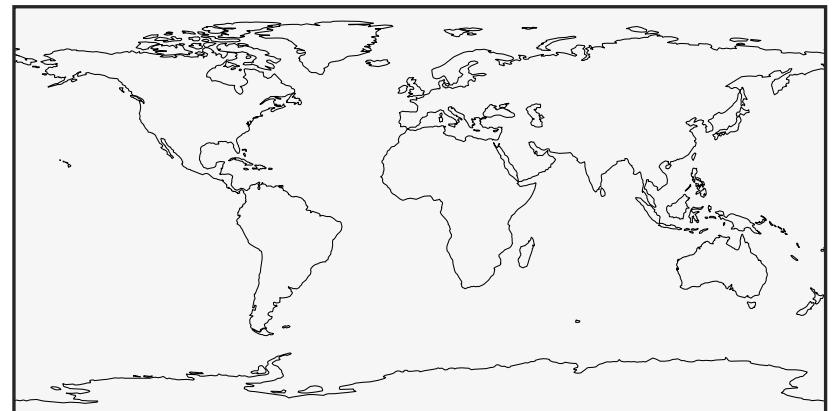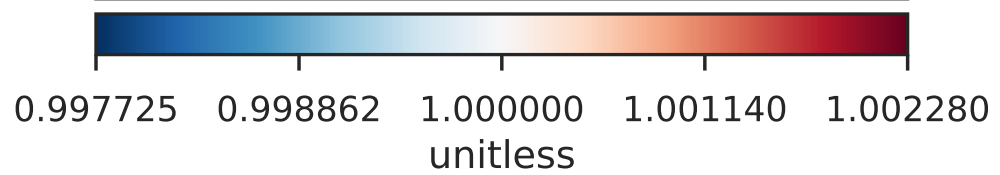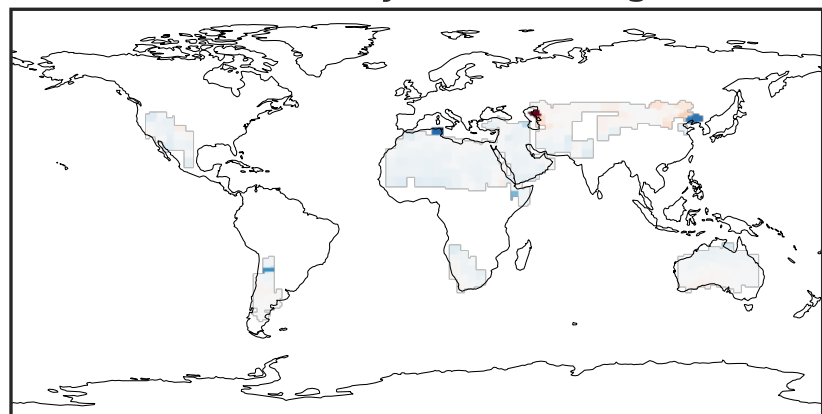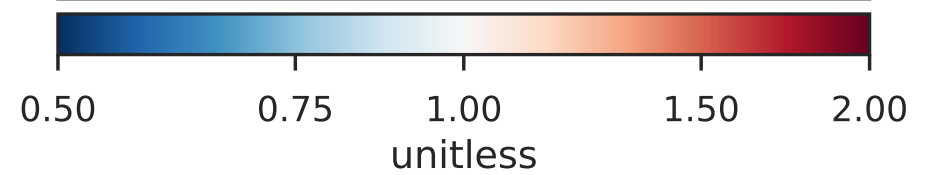
EmisDST1_Total (AnnualMean)
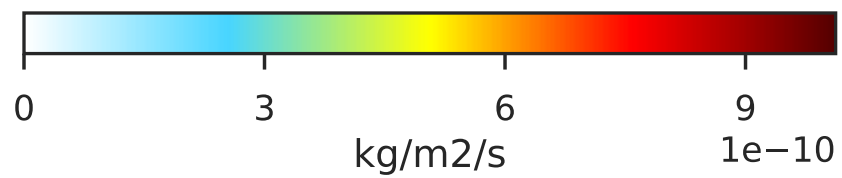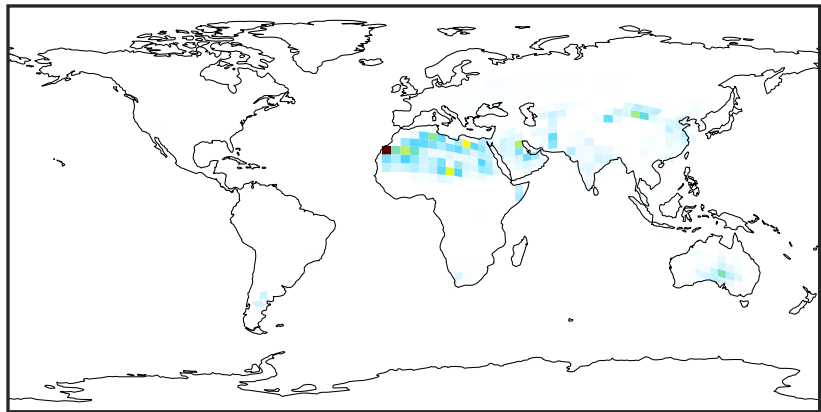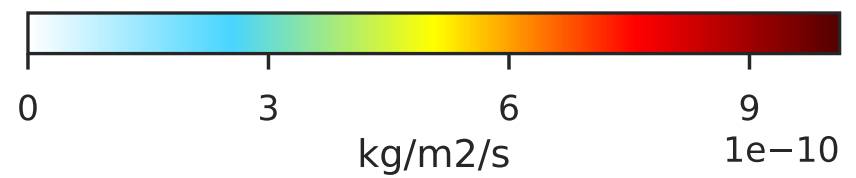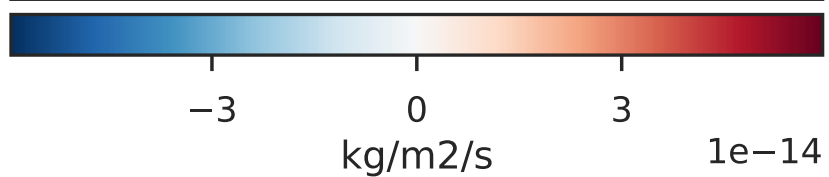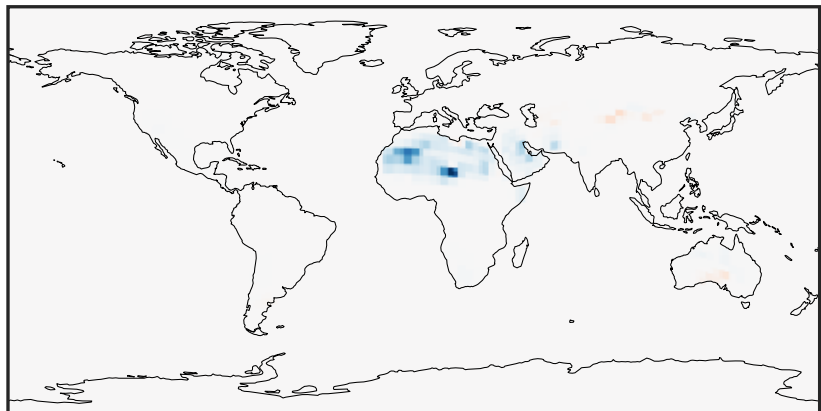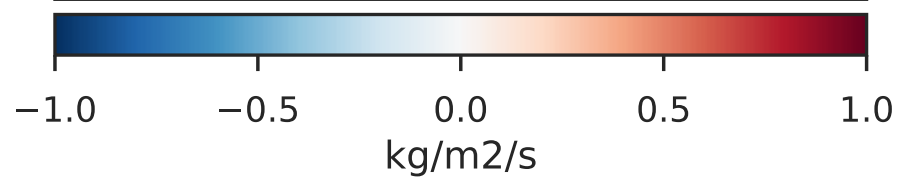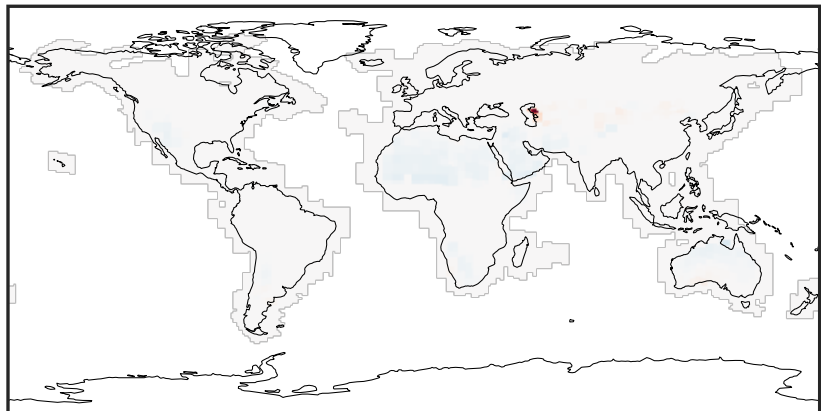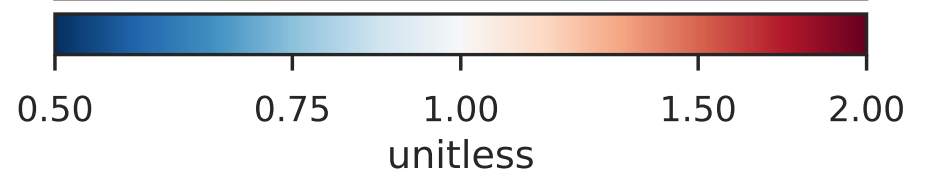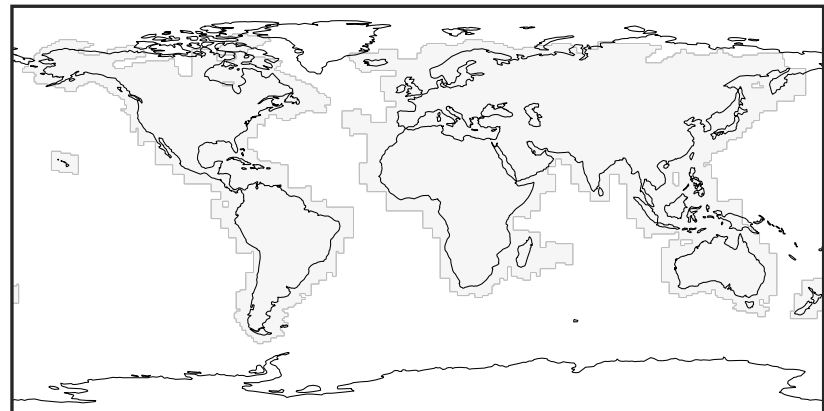
EmisDST2_Natural (AnnualMean)
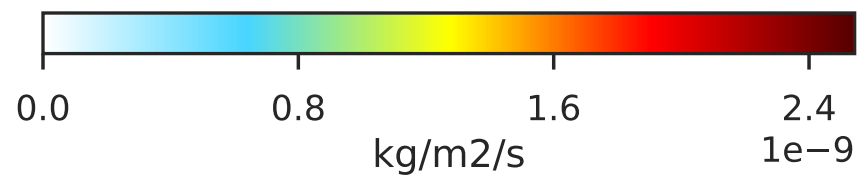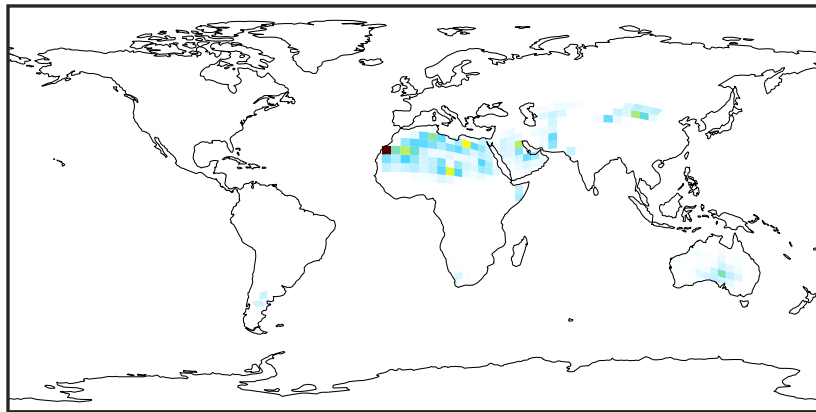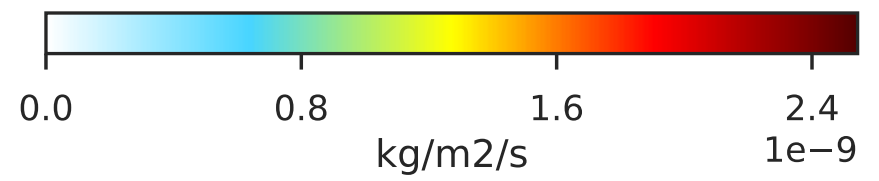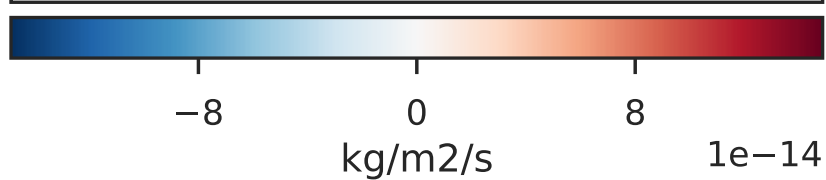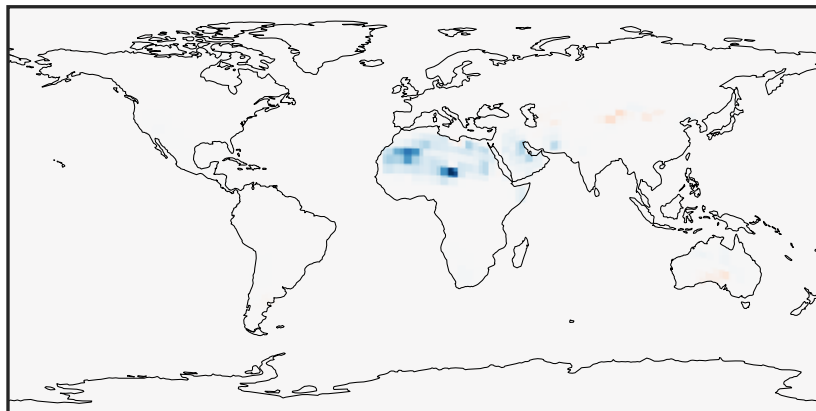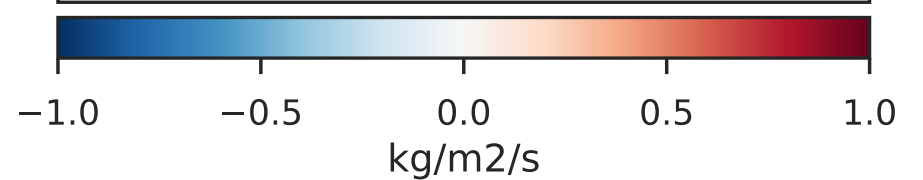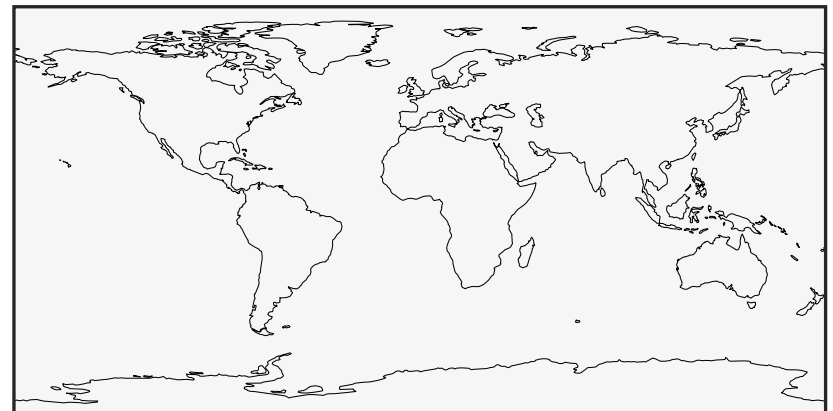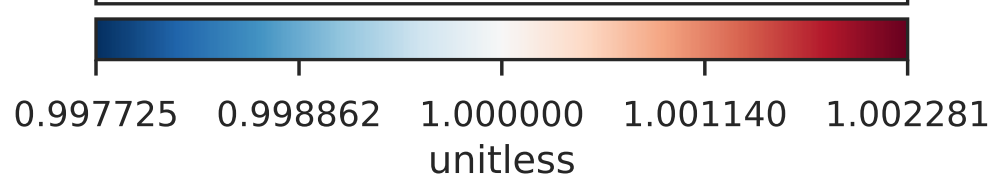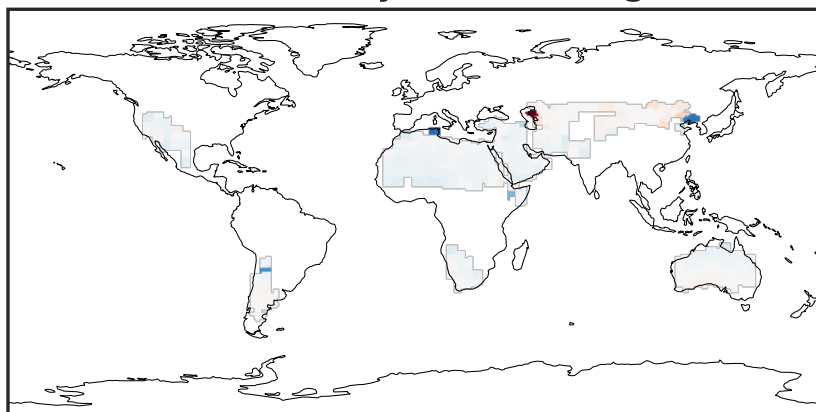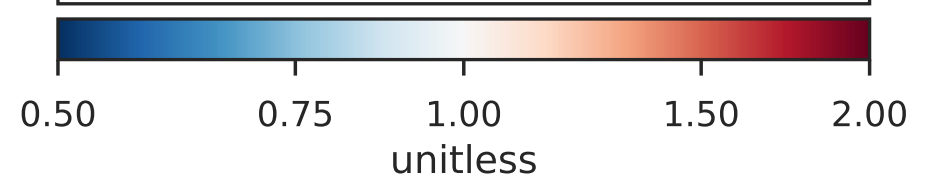
EmisDST3_Natural (AnnualMean)
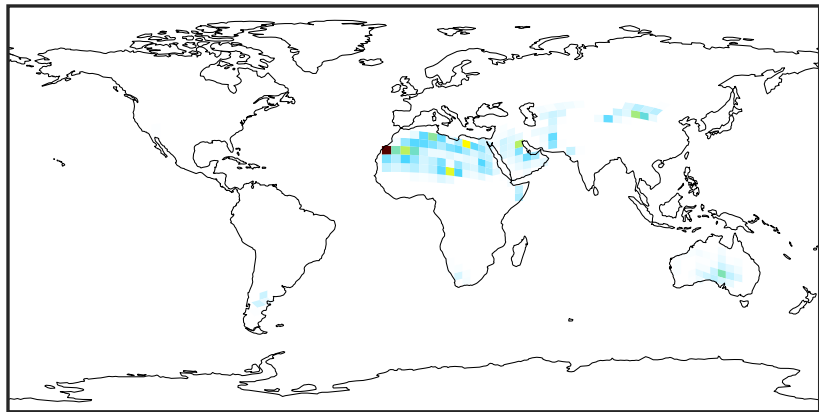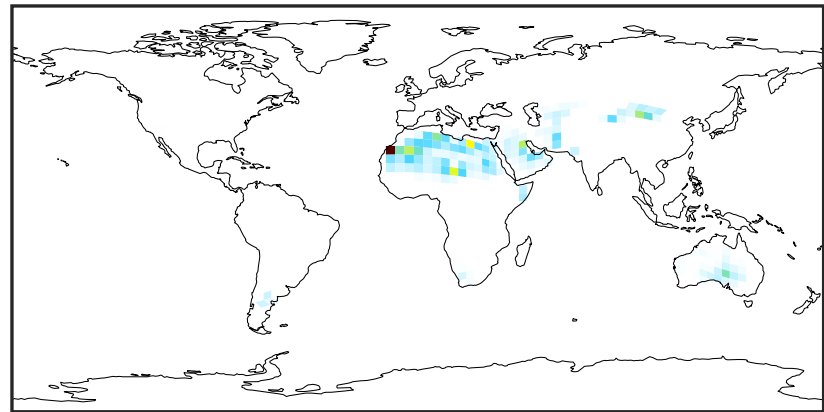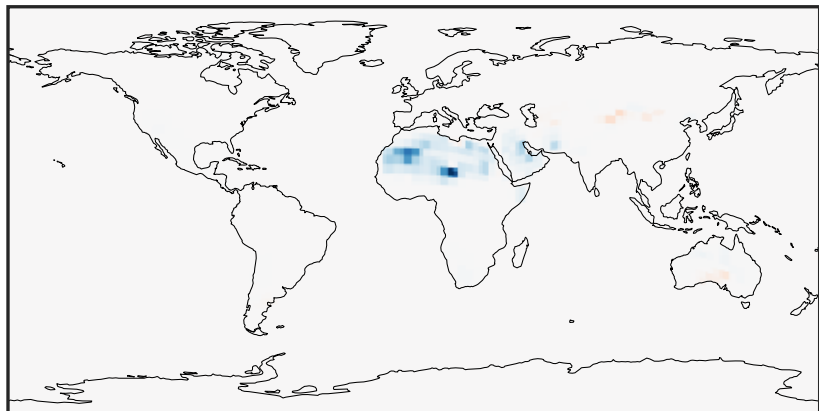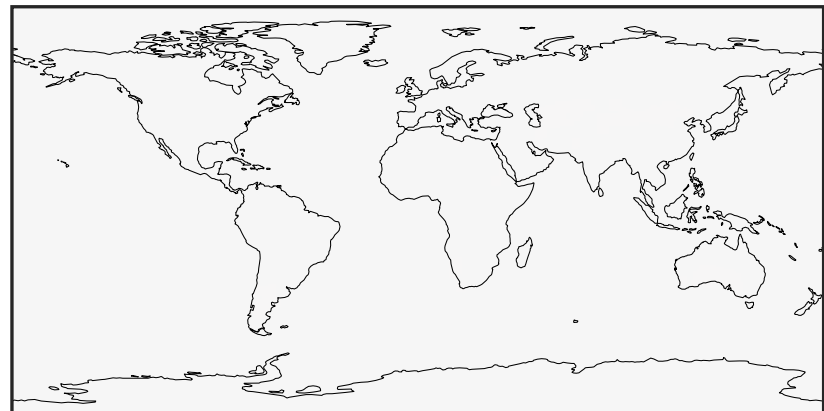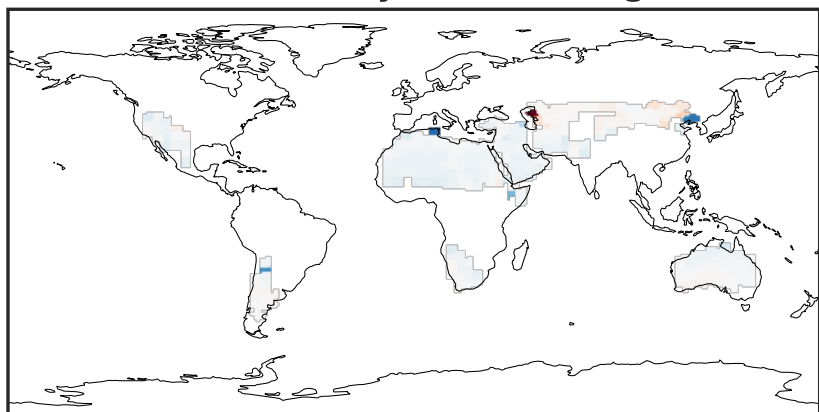
EmisDST4_Natural (AnnualMean)
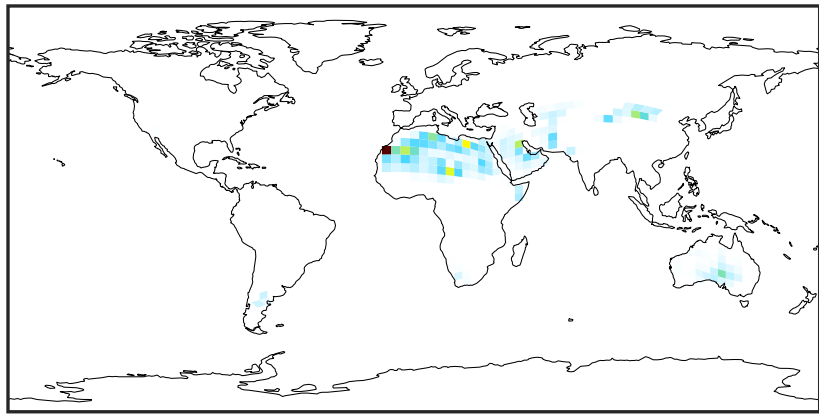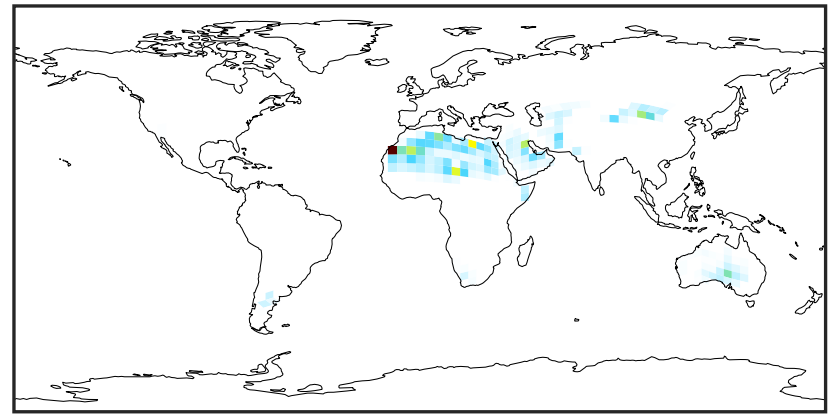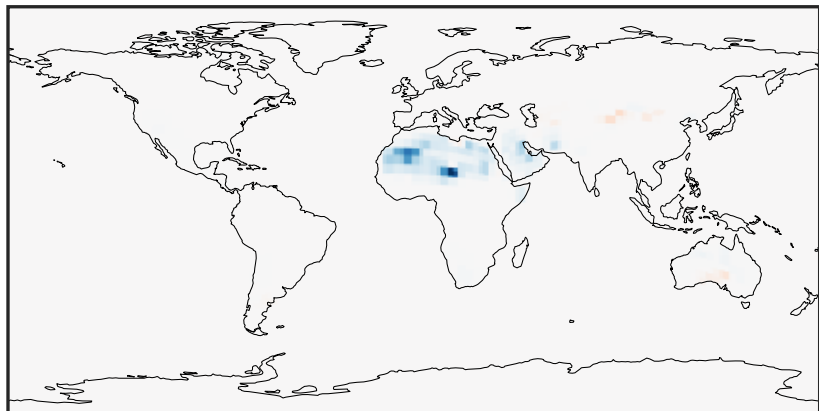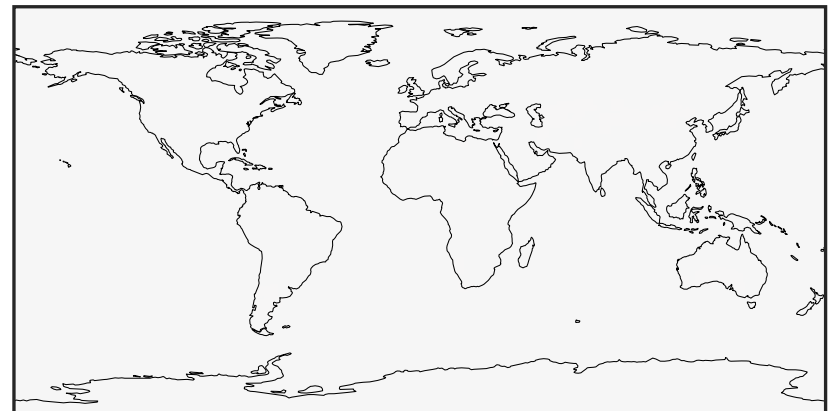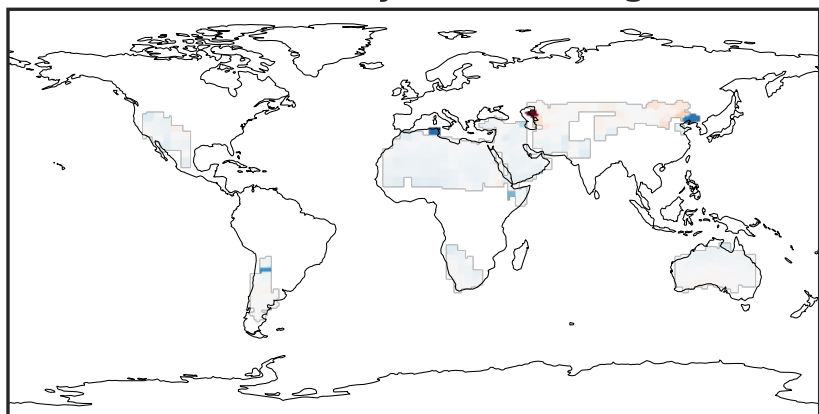
EmisSO4_Aircraft (AnnualMean)
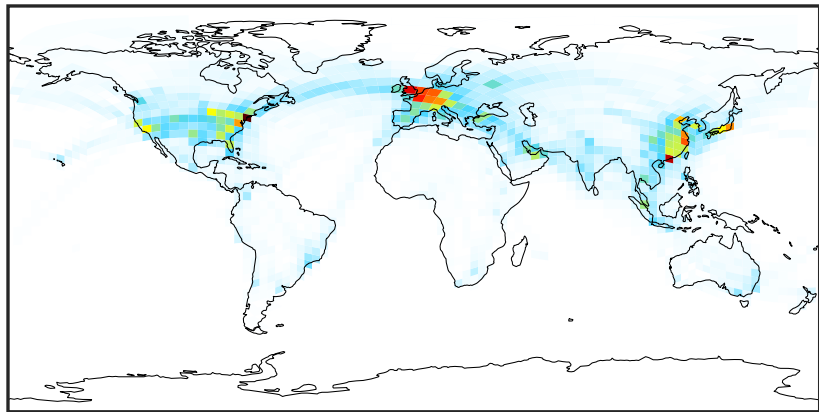
EmisSO4_Anthro (AnnualMean)
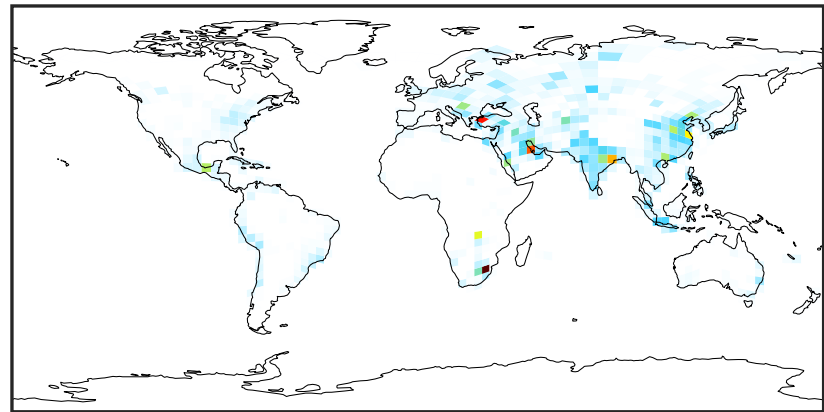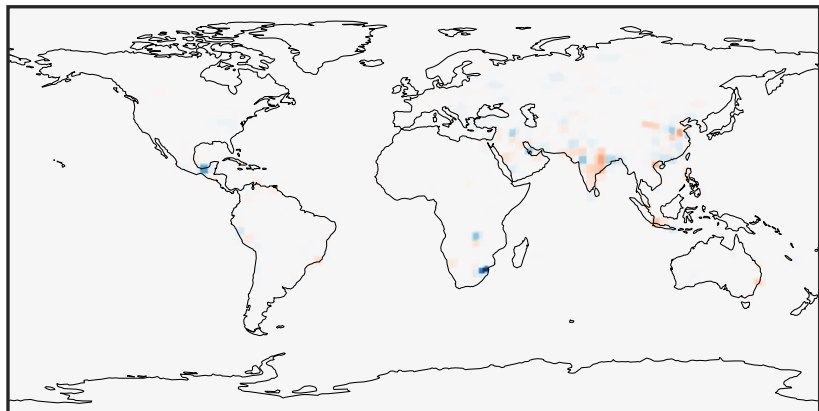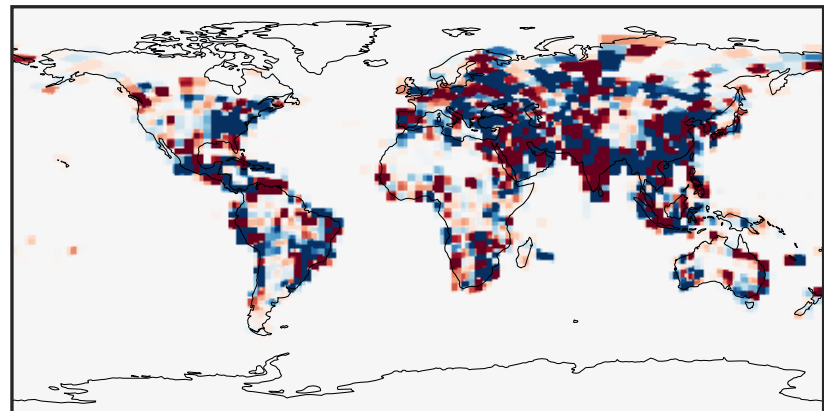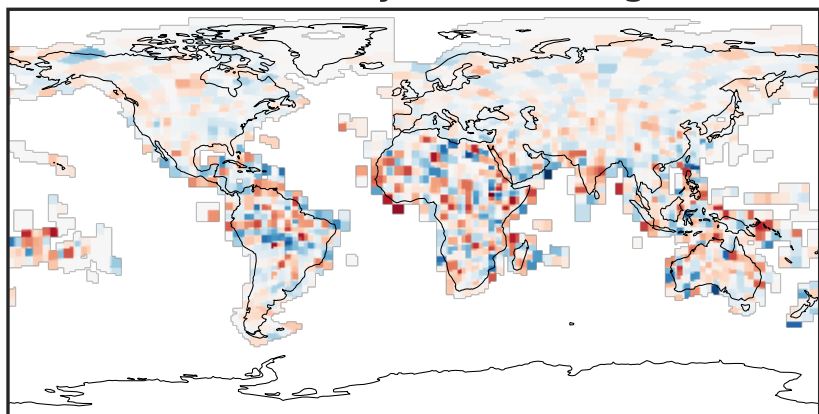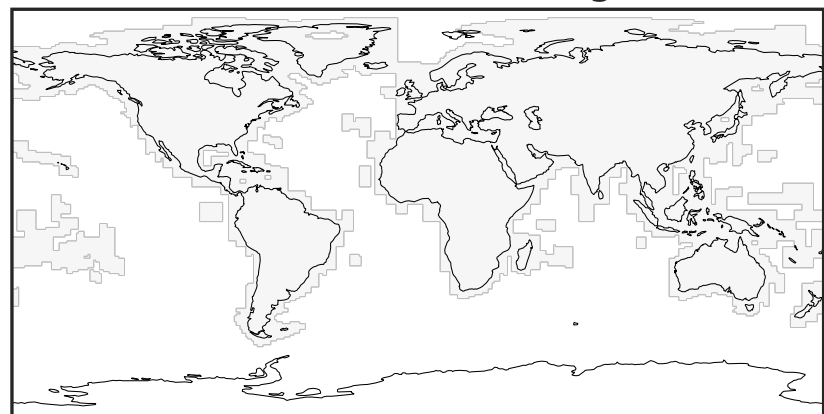
EmisSO4_Ship (AnnualMean)
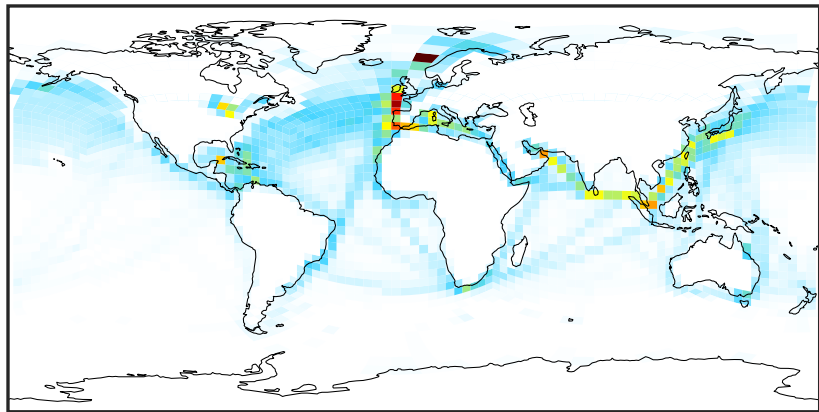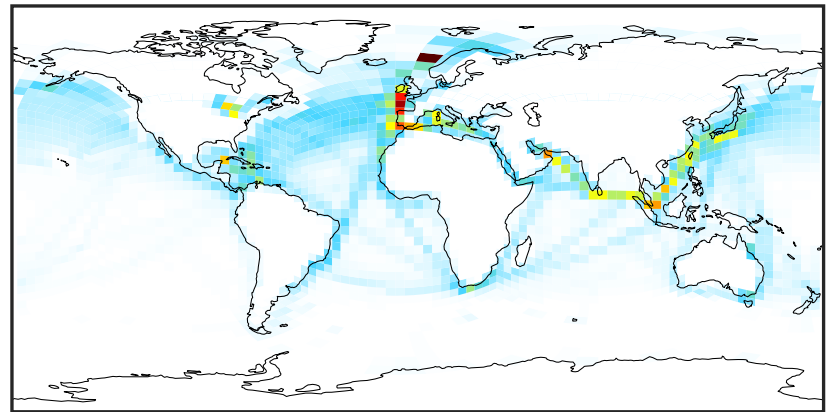
EmisSO4_Total (AnnualMean)

EmisBCPI_Aircraft (AnnualMean)

EmisBCPI_Anthro (AnnualMean)

EmisBCPI_BioBurn (AnnualMean)

EmisBCPI_Ship (AnnualMean)

GCHP_14.0.0 (Ref)
c24

GCHP_14.2.0 (Dev)
c24

kg/m2/s

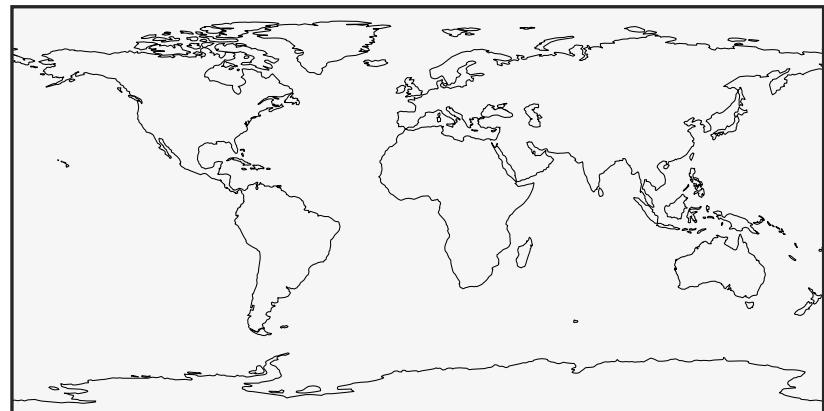kg/m2/s
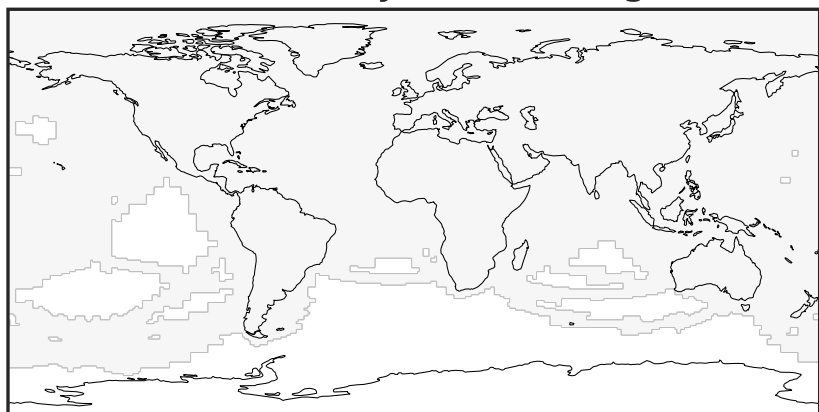
Difference (1x1.25)
Dev - Ref, Dynamic Range

Zero throughout domain
kg/m2/s

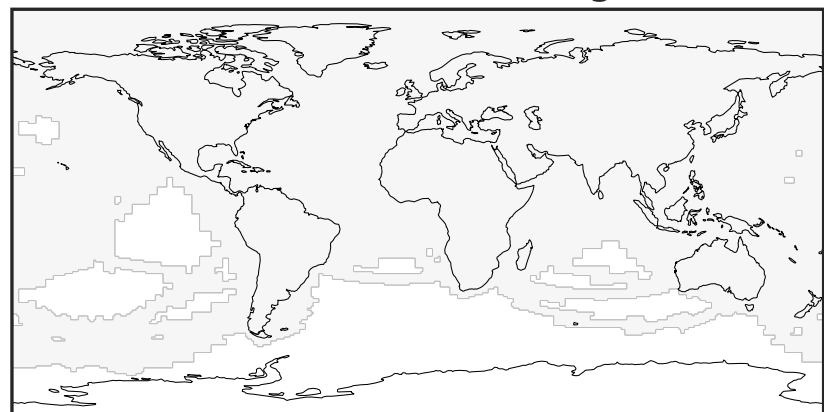## Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]

Zero throughout domain
kg/m2/s

Ratio (1x1.25)
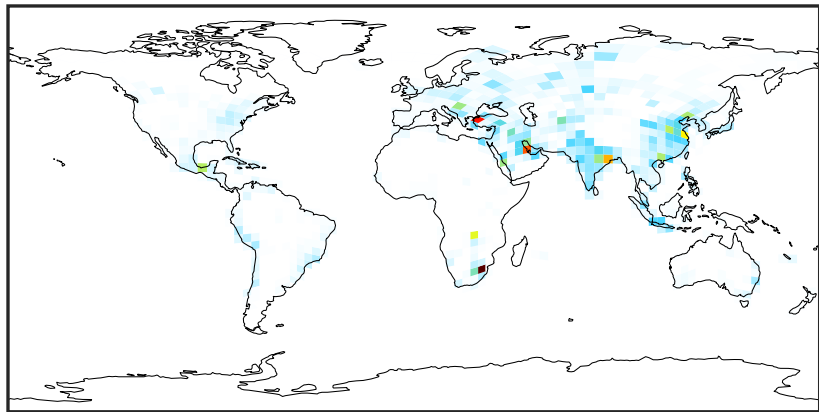### Dev/Ref, Dynamic Range

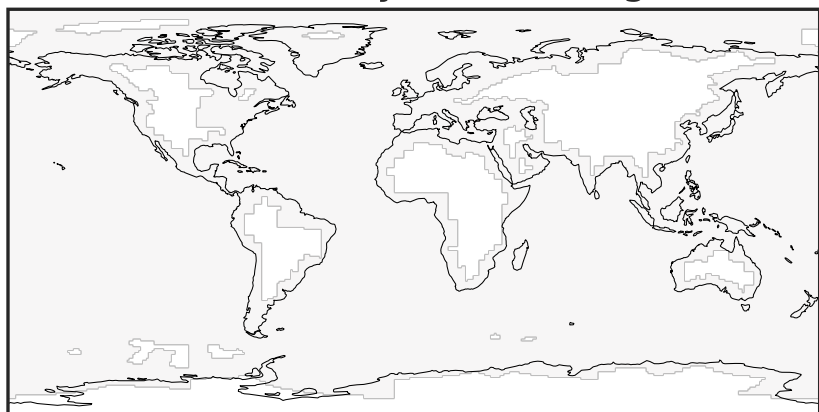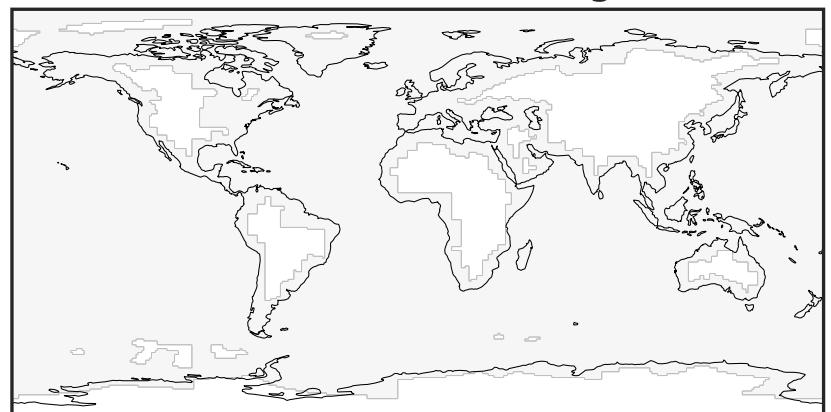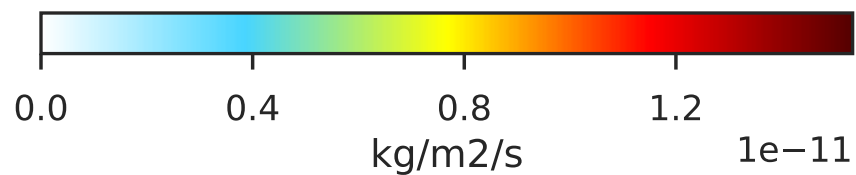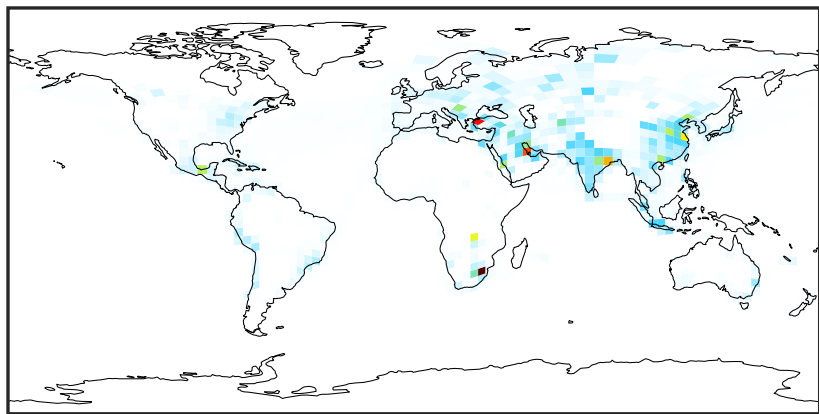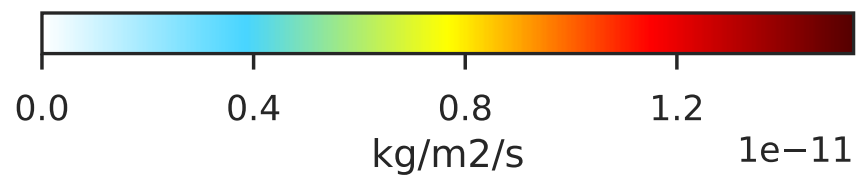Ref and Dev equal throughout domain
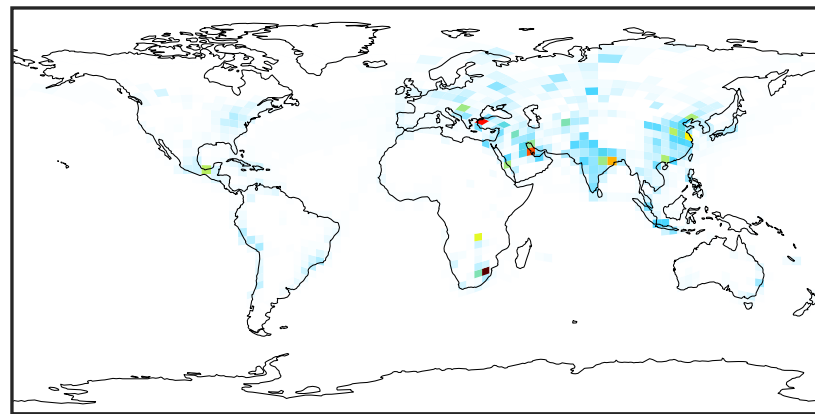unitless

Ratio (1x1.25)
Dev/Ref, Fixed Range

Ref and Dev equal throughout domain
unitless

EmisBCPI_Total (AnnualMean)

EmisBCPO_Anthro (AnnualMean)
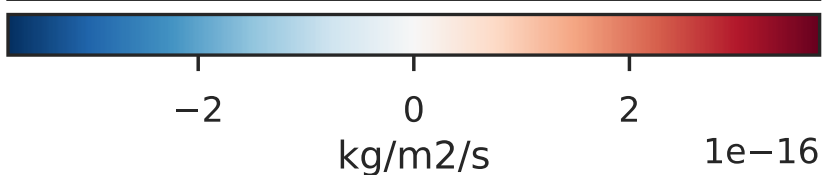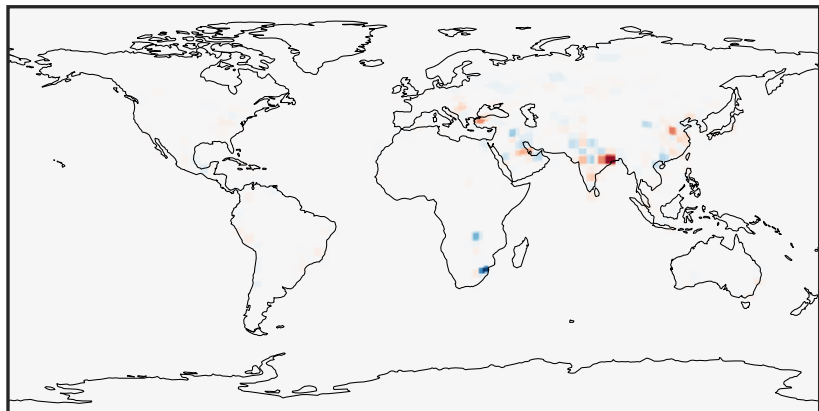
EmisBCPO_BioBurn (AnnualMean)

EmisBCPO_Ship (AnnualMean)

GCHP_14.0.0 (Ref)
c24
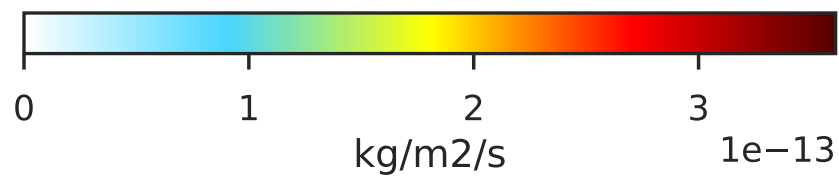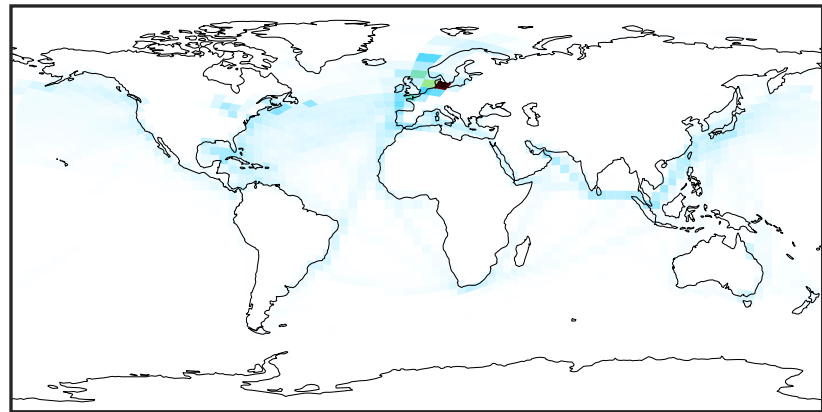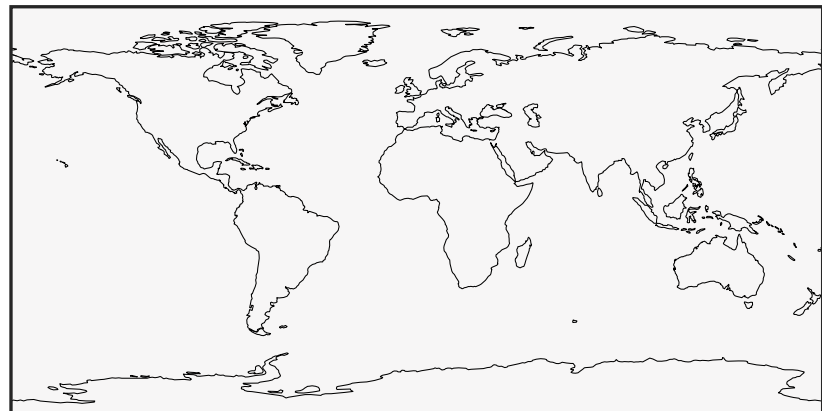
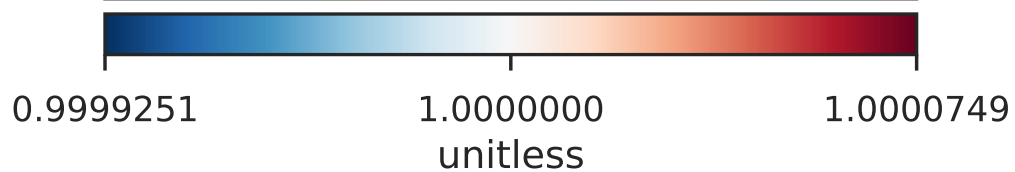GCHP_14.2.0 (Dev)
c24

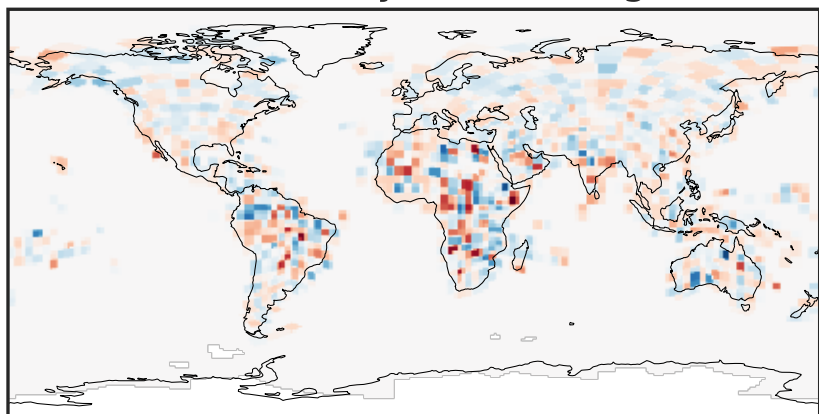kg/m2/s
1e−13

kg/m2/s
1e−13

Difference (1x1.25)
Dev - Ref, Dynamic Range

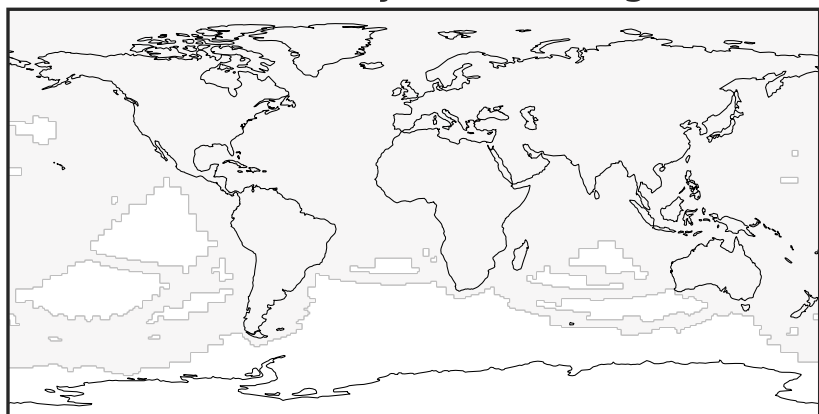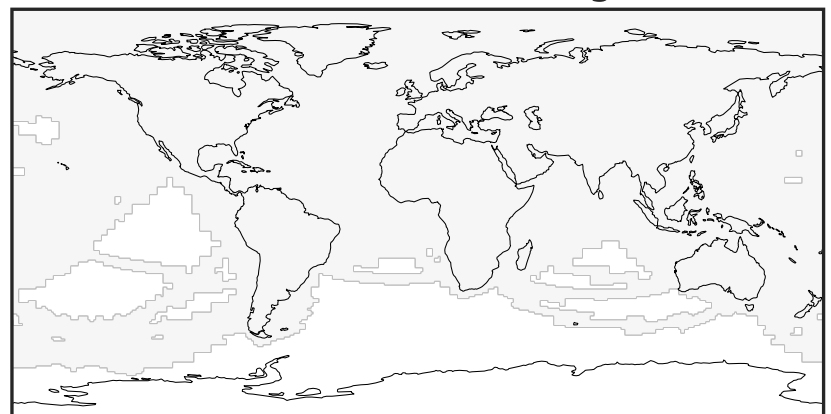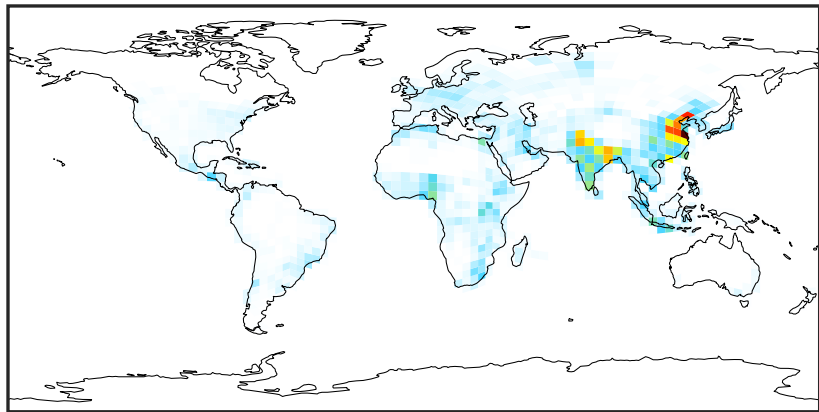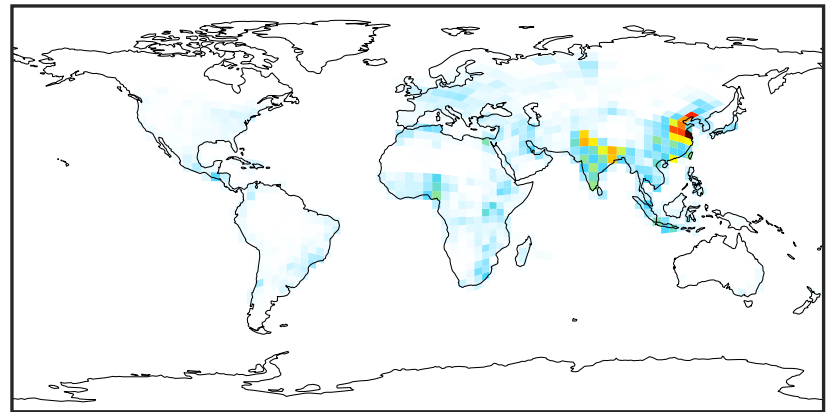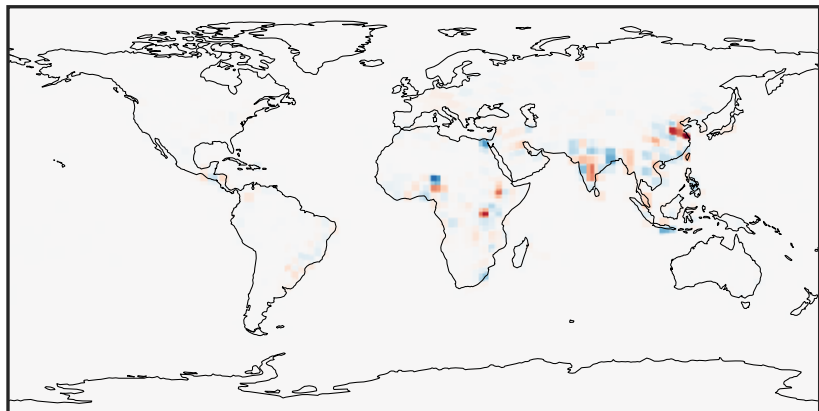Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]

Zero throughout domain
kg/m2/s
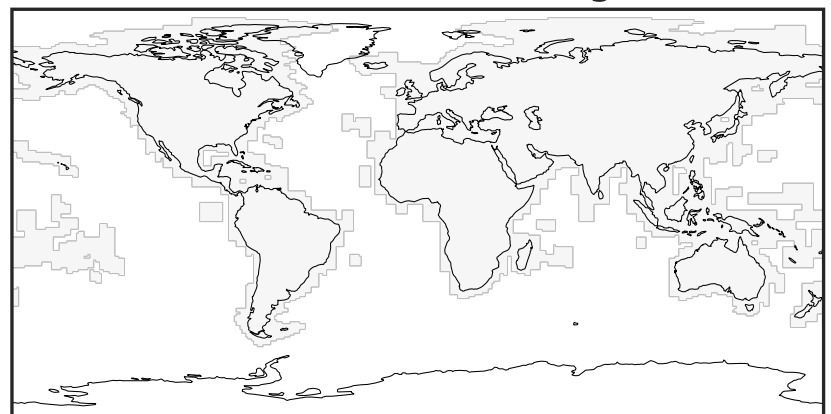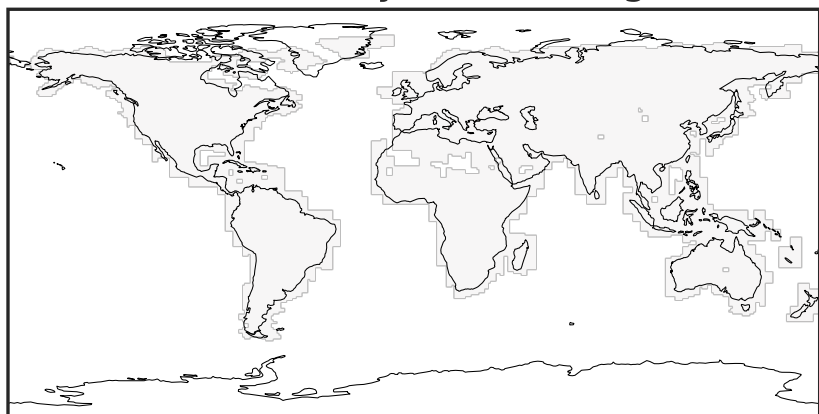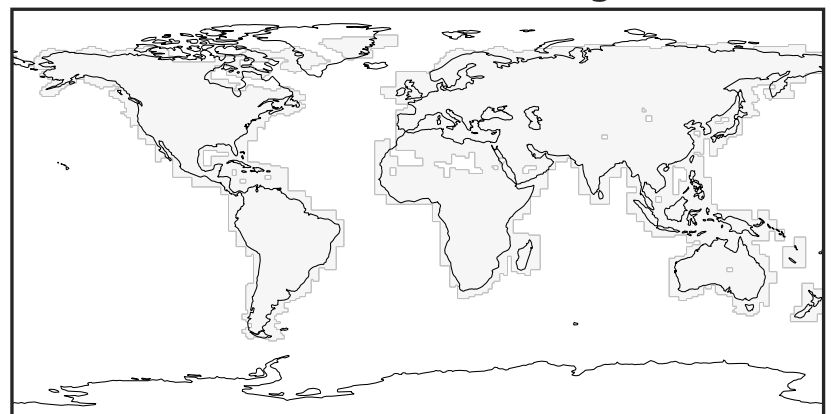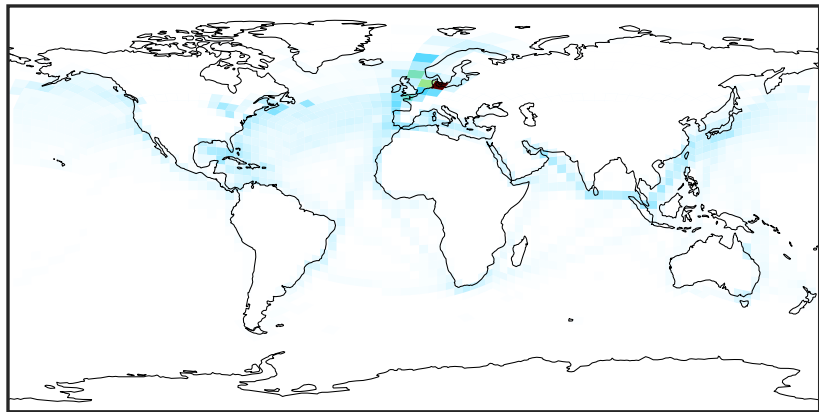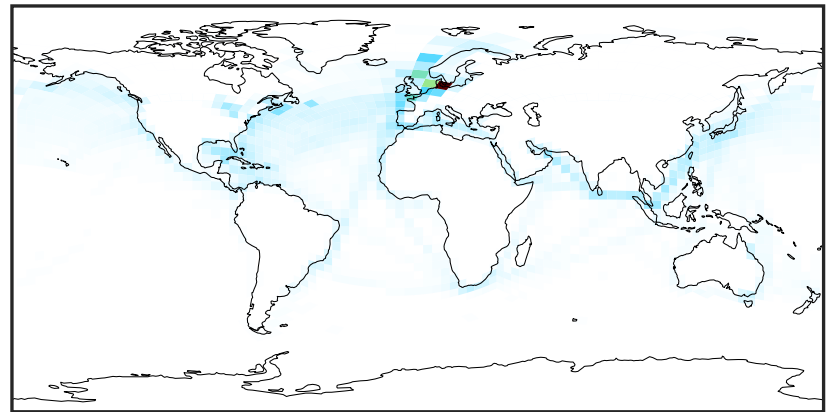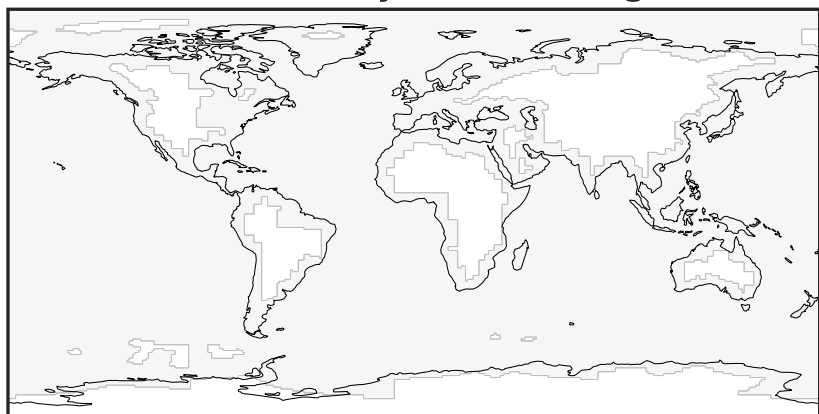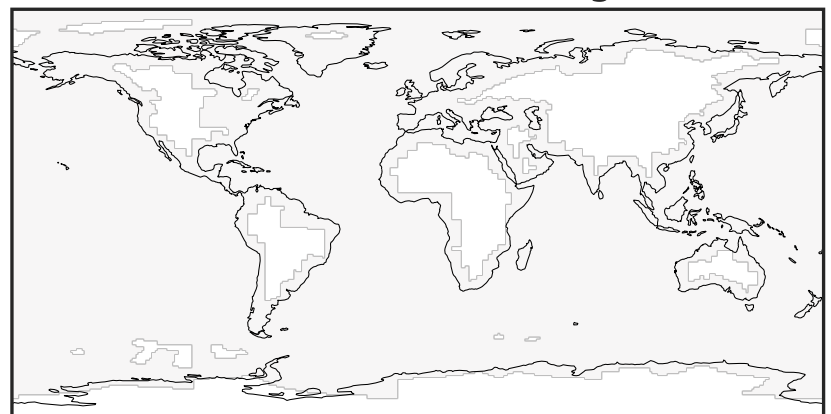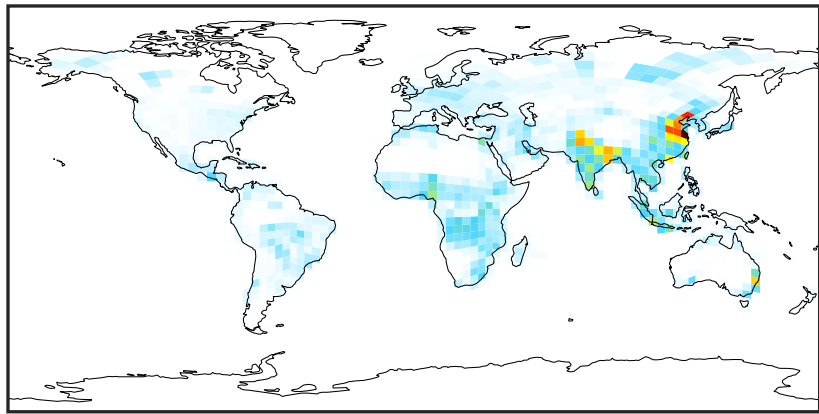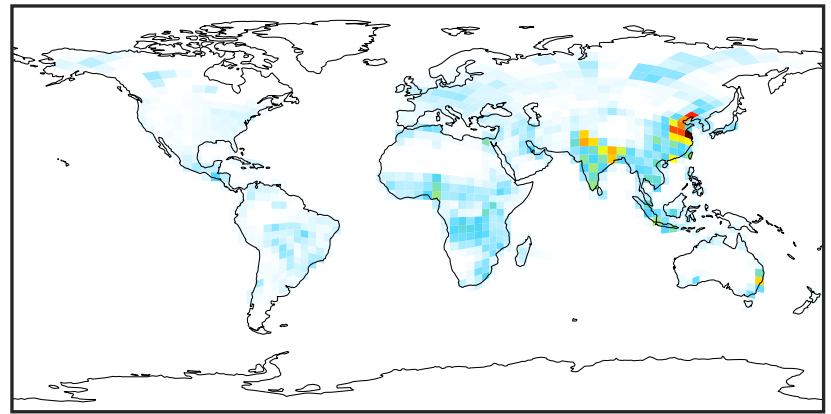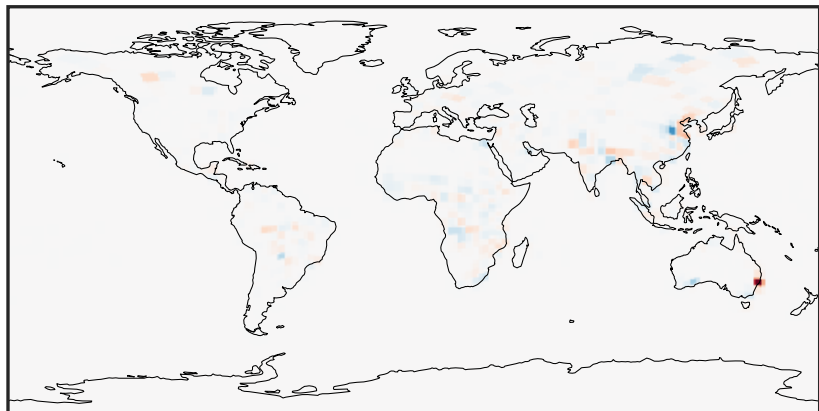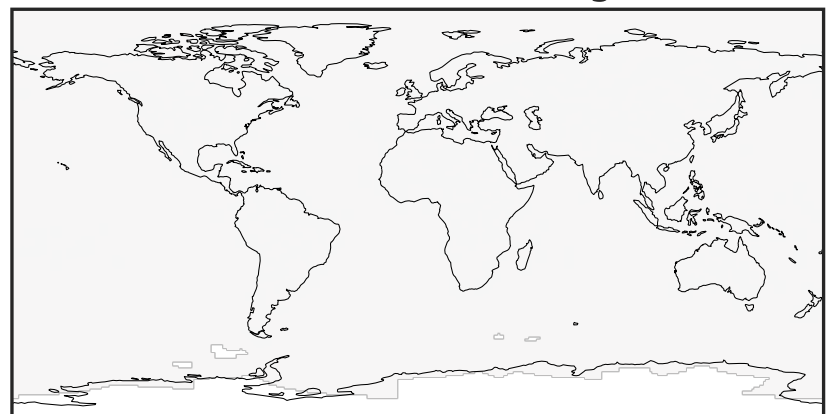
Zero throughout domain
kg/m2/s

Ratio (1x1.25)
Dev/Ref, Dynamic Range

Ratio (1x1.25)
Dev/Ref, Fixed Range

Ref and Dev equal throughout domain
unitless

Ref and Dev equal throughout domain
unitless

EmisBCPO_Total (AnnualMean)
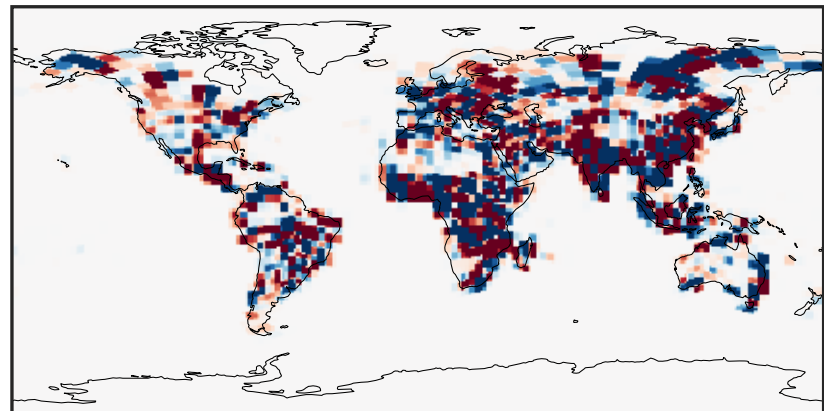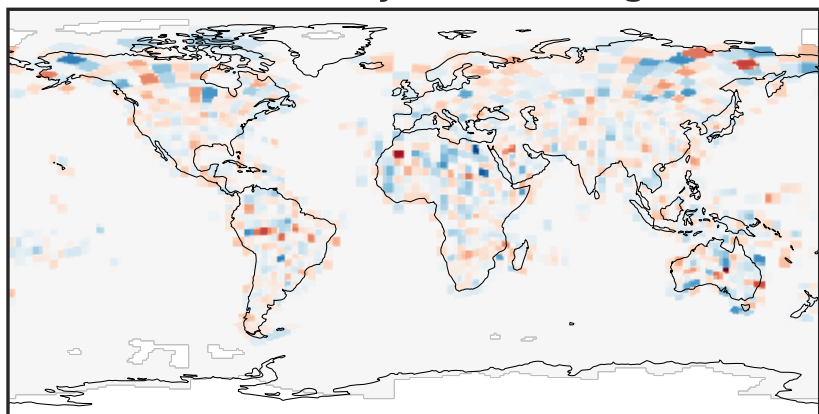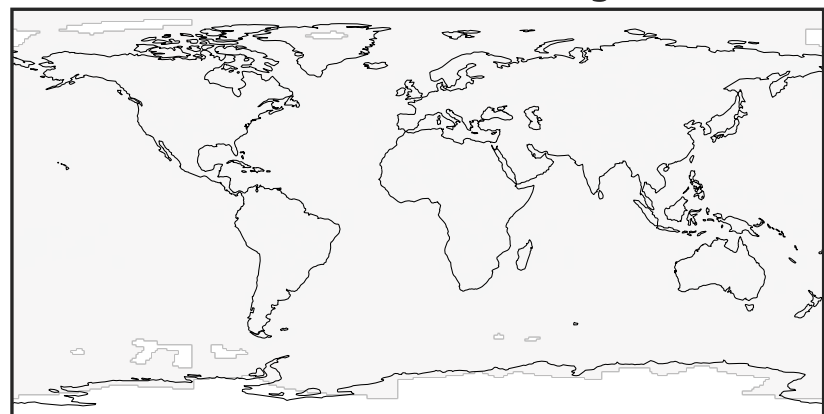
EmisOCPI_Aircraft (AnnualMean)

GCHP_14.0.0 (Ref)
c24
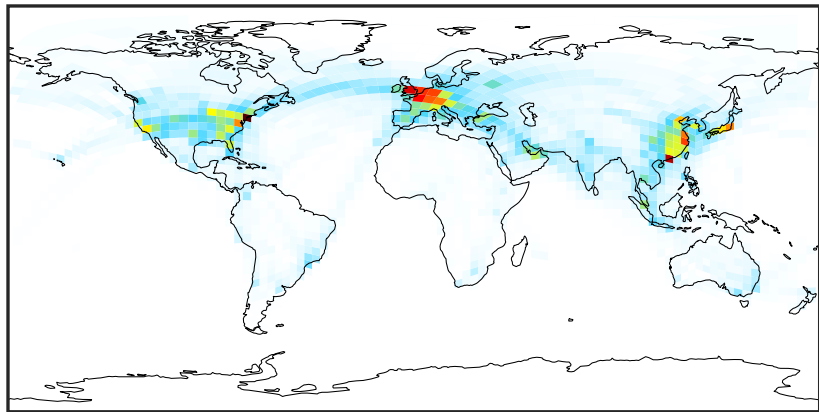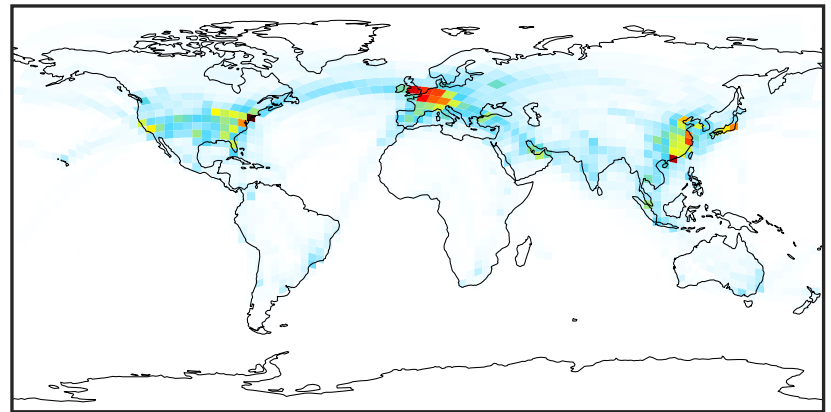
kg/m2/s

GCHP_14.2.0 (Dev)
c24

kg/m2/s

Difference (1x1.25)
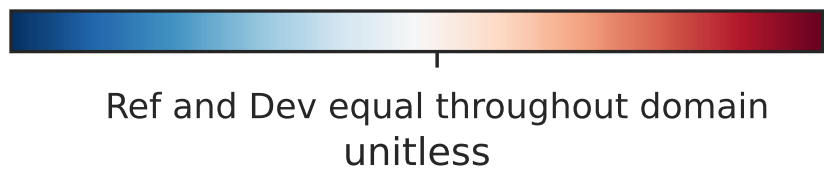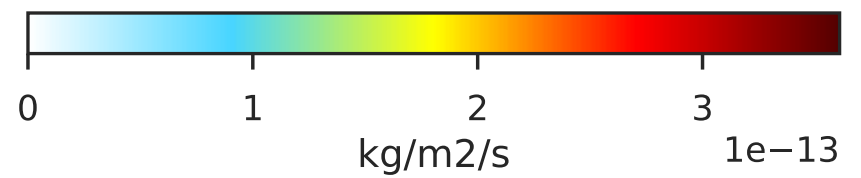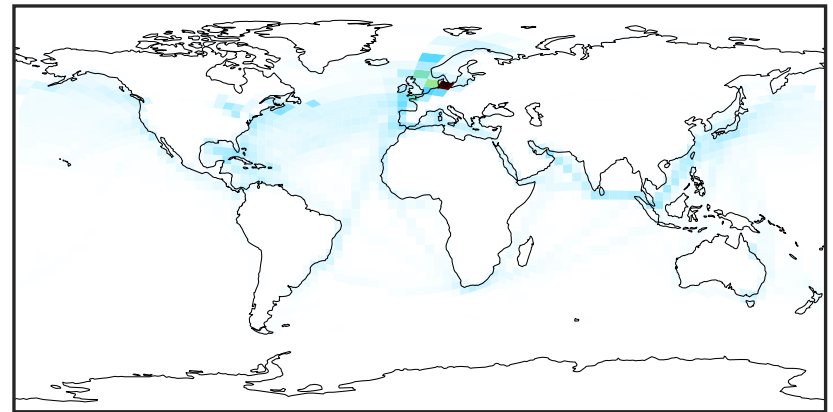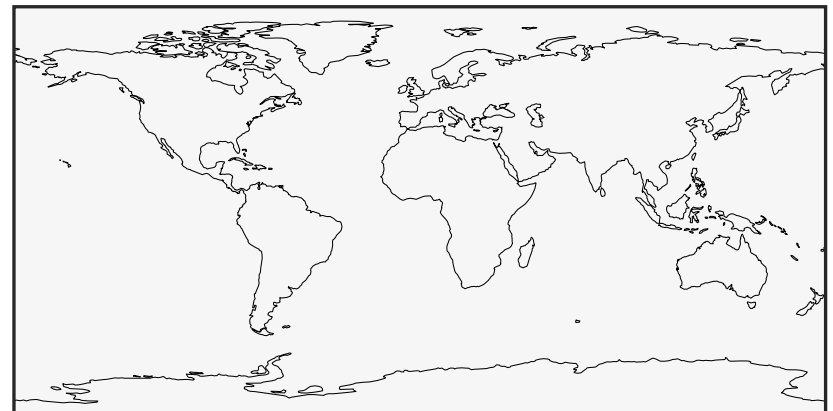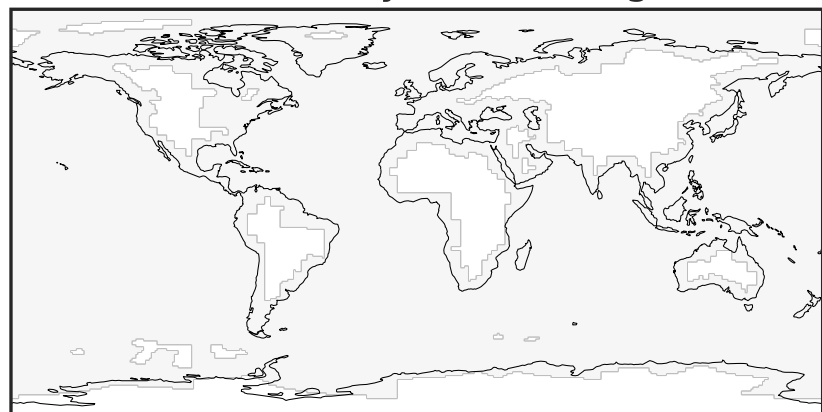### Dev - Ref, Dynamic Range

Zero throughout domain
kg/m2/s

Difference (1x1.25)
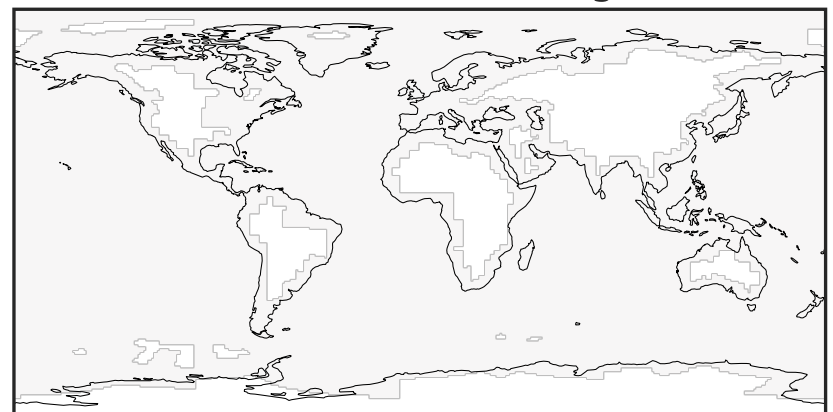### Dev - Ref, Restricted Range [5%,95%]

Zero throughout domain
kg/m2/s

Ratio (1x1.25)
Dev/Ref, Dynamic Range

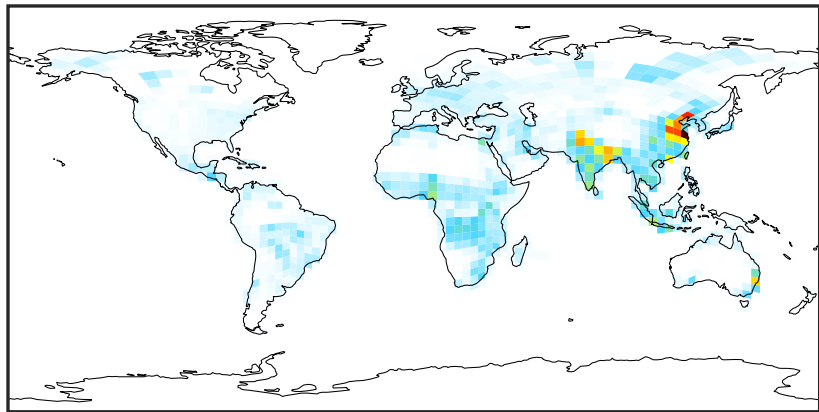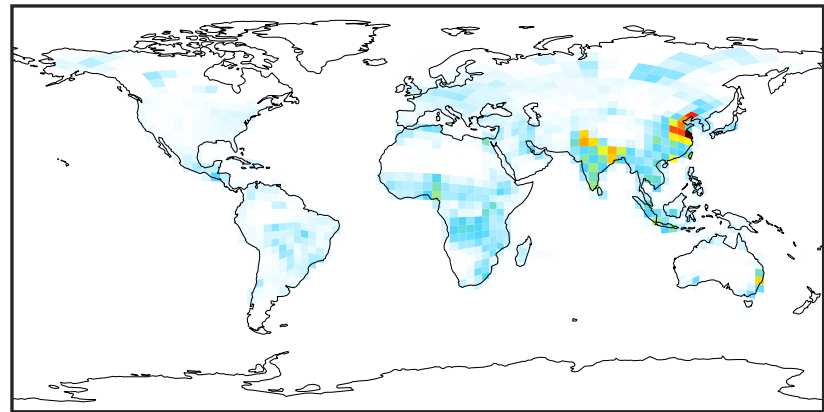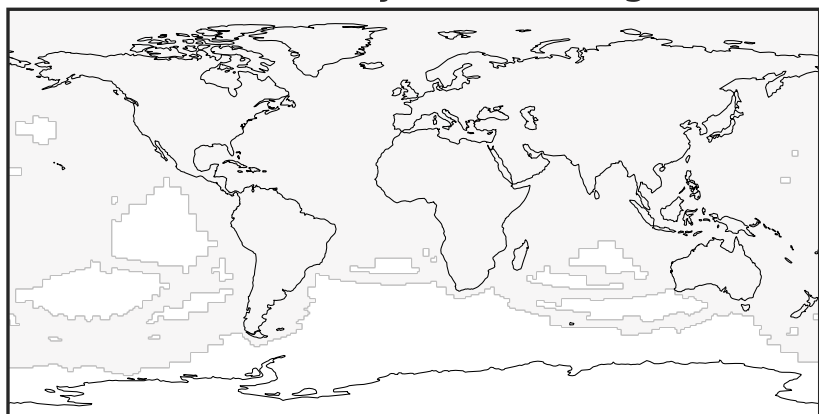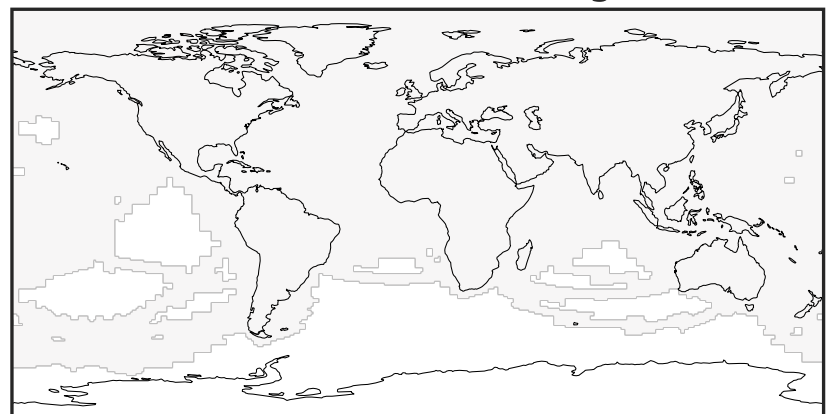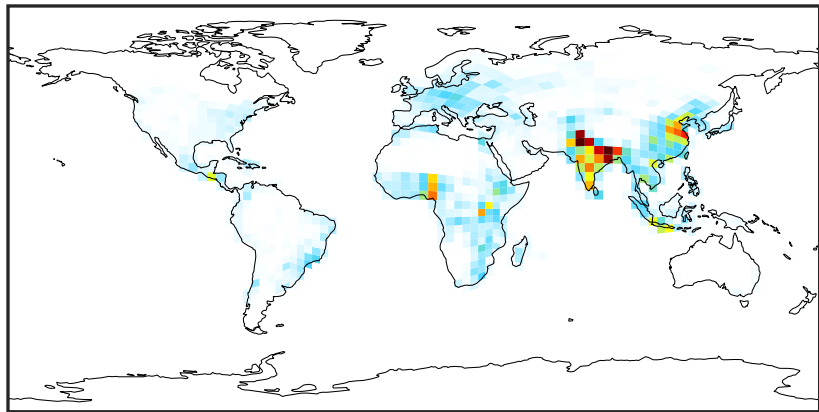Ref and Dev equal throughout domain
unitless

Ratio (1x1.25)
Dev/Ref, Fixed Range

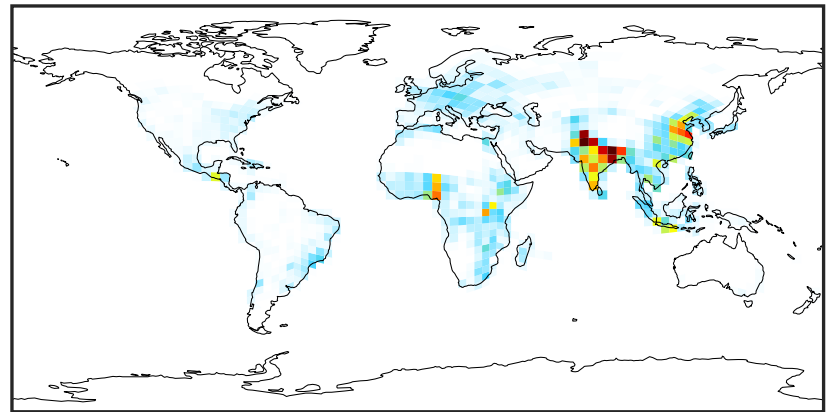
Ref and Dev equal throughout domain
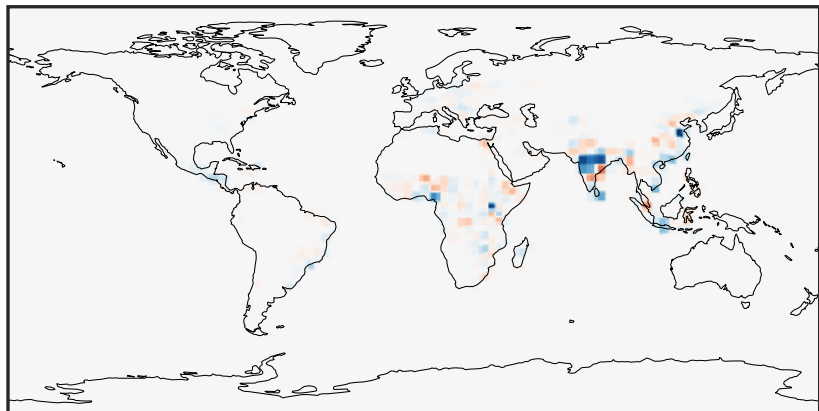unitless

EmisOCPI_Anthro (AnnualMean)

EmisOCPI_BioBurn (AnnualMean)

EmisOCPI_Ship (AnnualMean)

GCHP_14.0.0 (Ref)
c24

GCHP_14.2.0 (Dev)
c24

kg/m2/s

1e−13

kg/m2/s

1e−13

Difference (1x1.25)
Dev - Ref, Dynamic Range
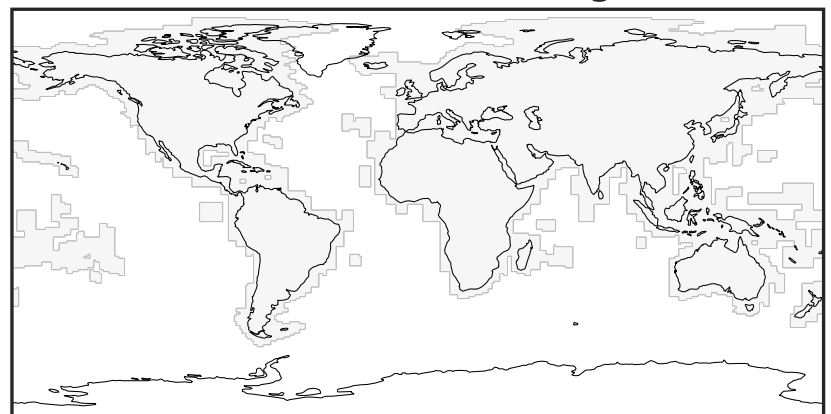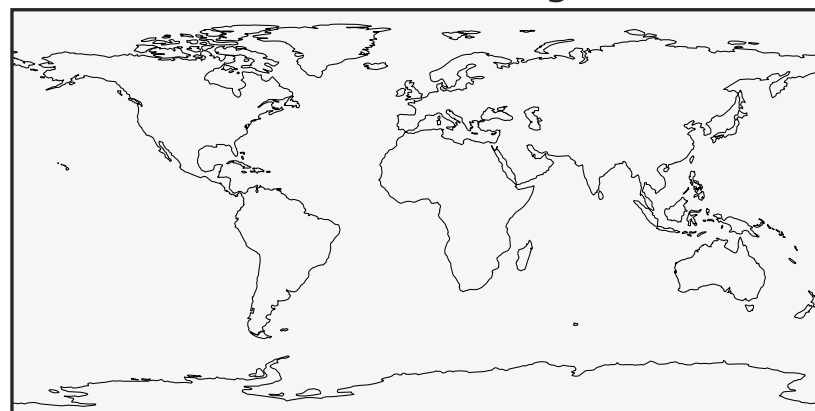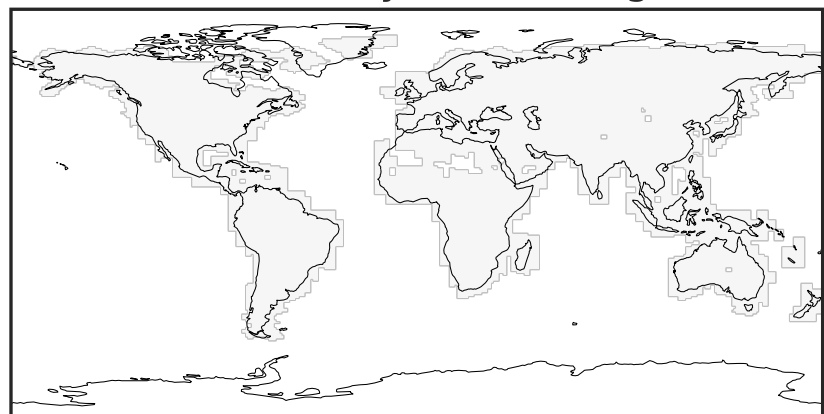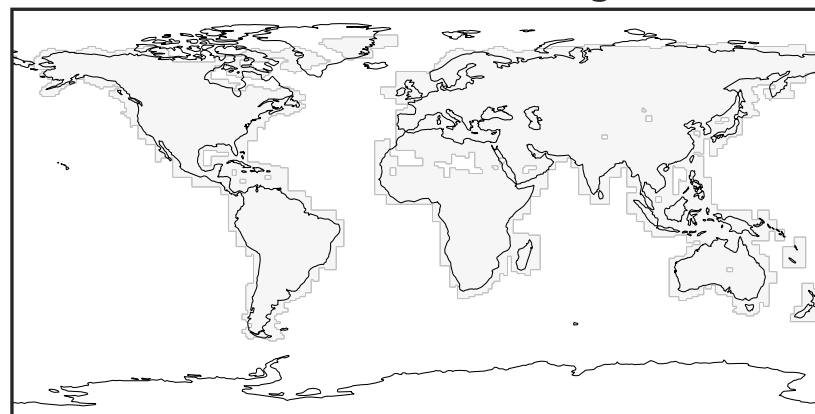
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]

Zero throughout domain
kg/m2/s

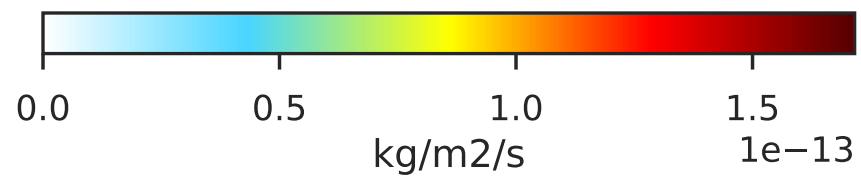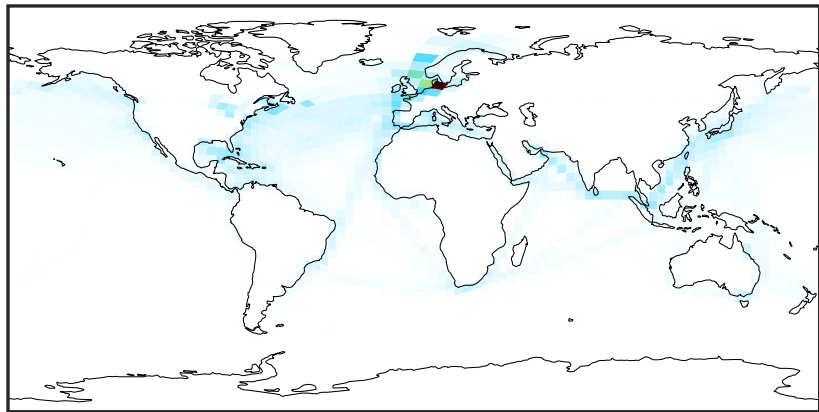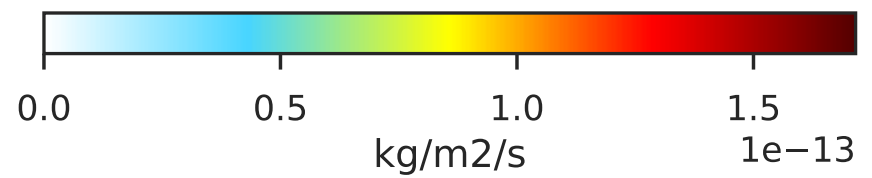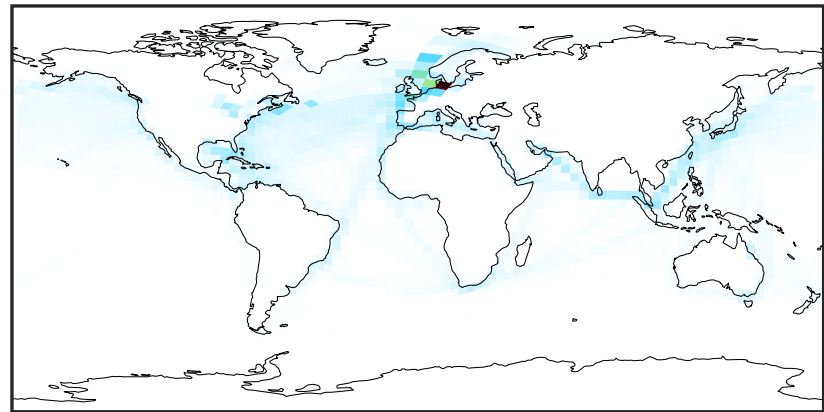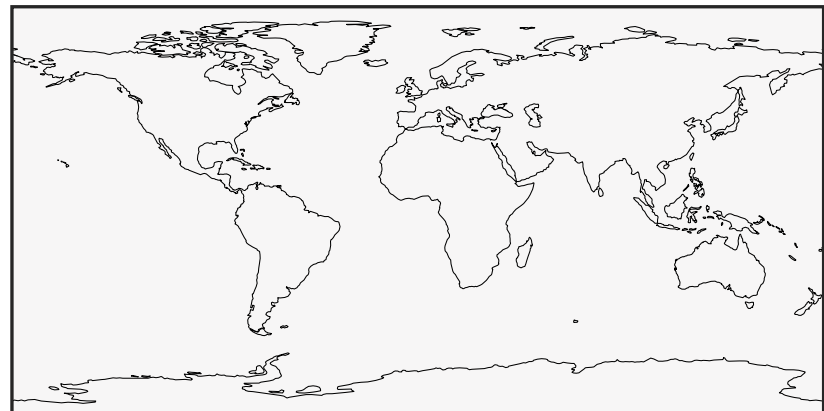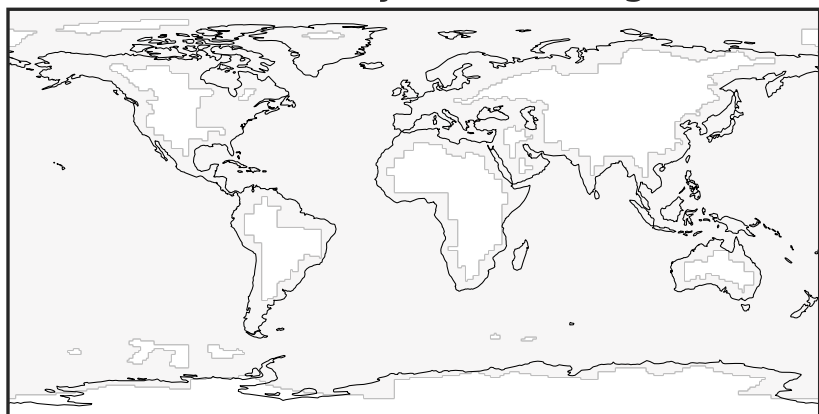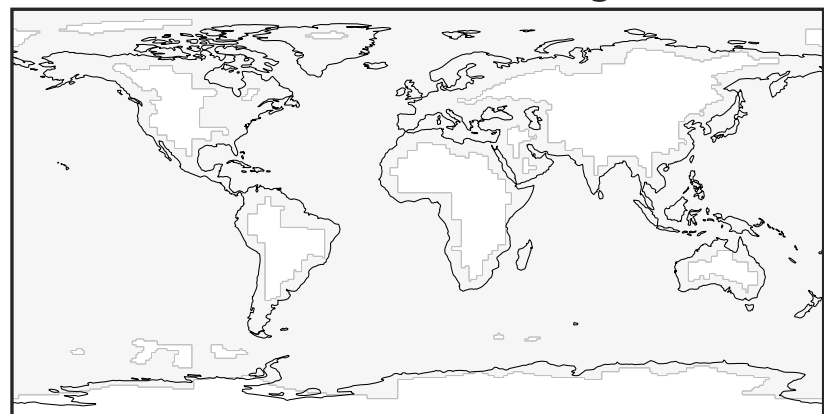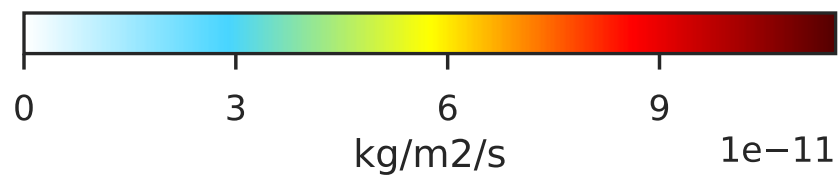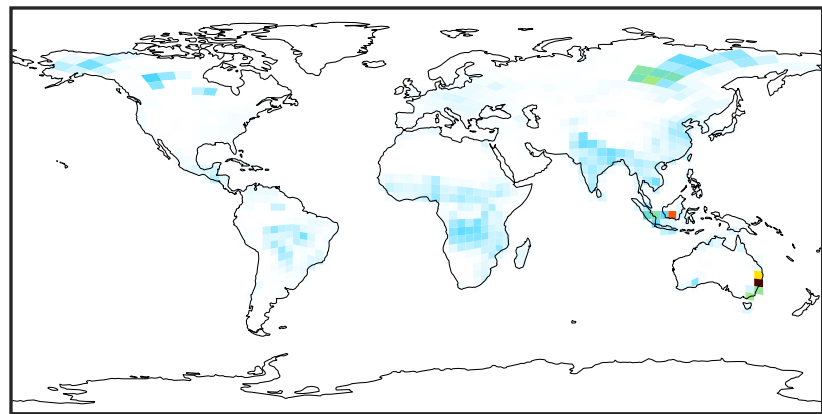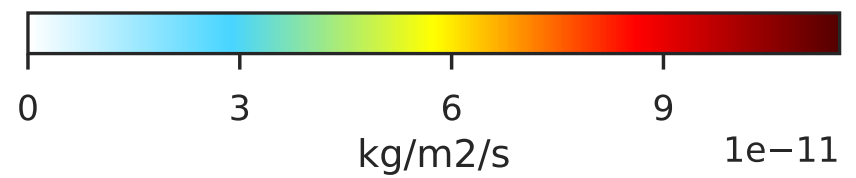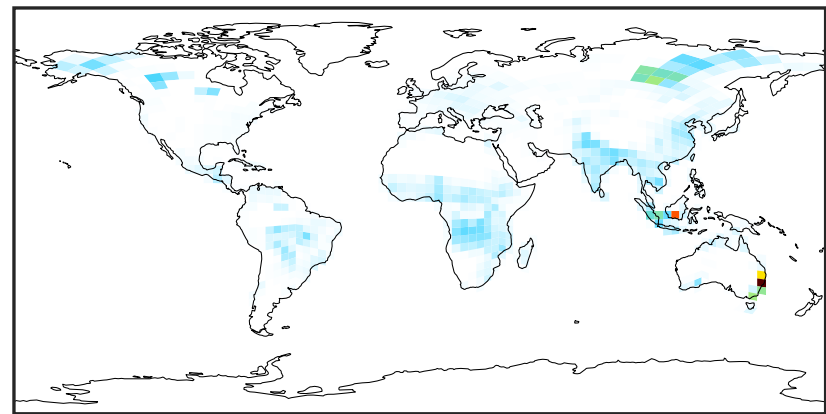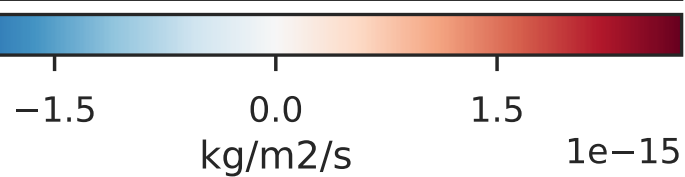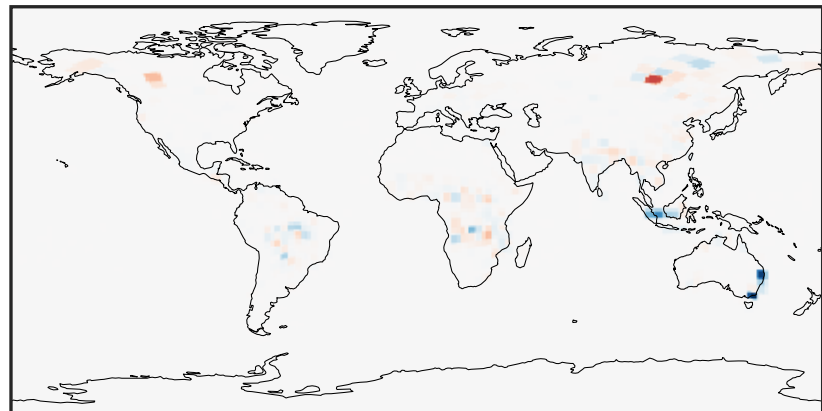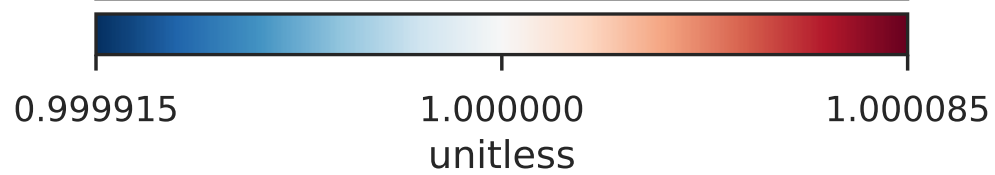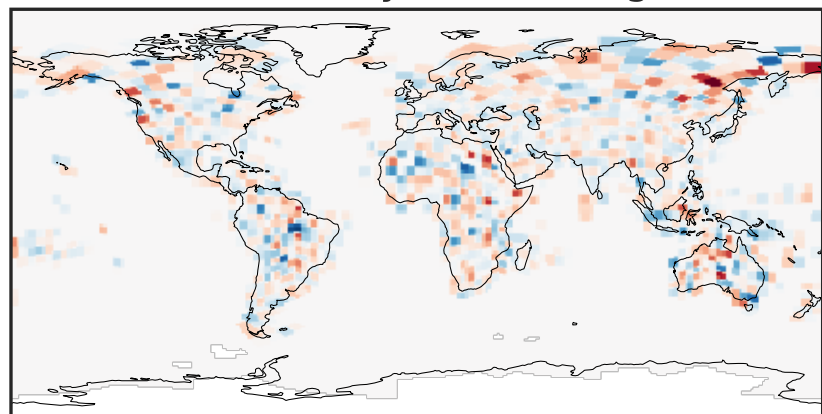Zero throughout domain
kg/m2/s

Ratio (1x1.25)
Dev/Ref, Dynamic Range

Ratio (1x1.25)
Dev/Ref, Fixed Range

Ref and Dev equal throughout domain
unitless

Ref and Dev equal throughout domain
unitless

EmisOCPI_Total (AnnualMean)
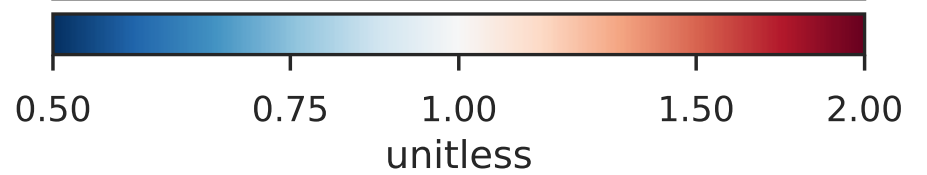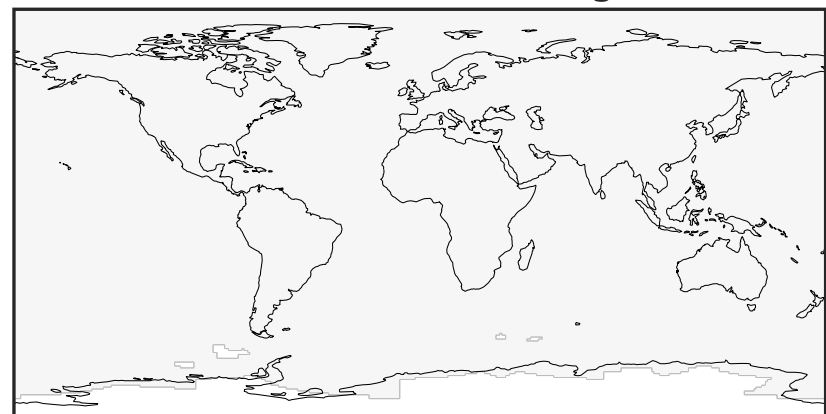
EmisOCPO_Anthro (AnnualMean)

GCHP_14.0.0 (Ref)
c24
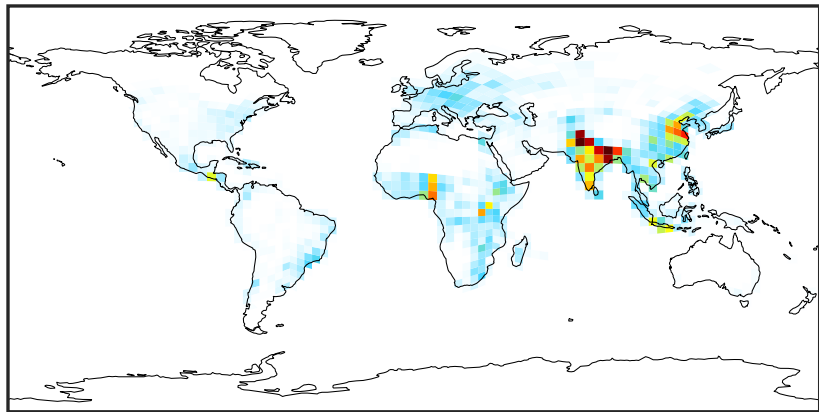
GCHP_14.2.0 (Dev)
c24
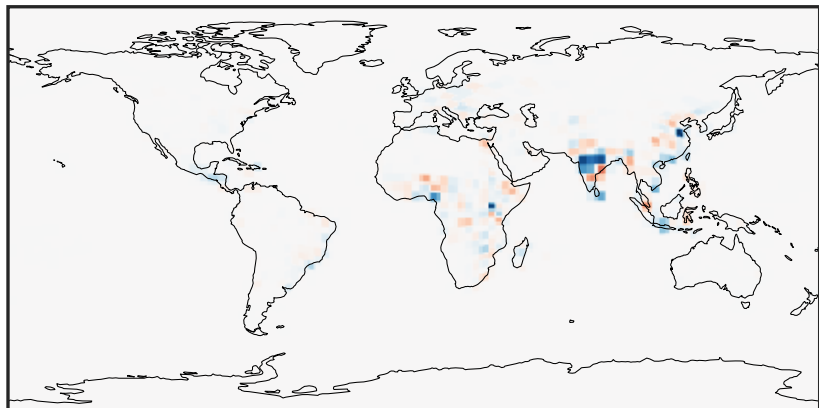
kg/m2/s

Difference (1x1.25)
Dev - Ref, Dynamic Range

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]

kg/m2/s

Ratio (1x1.25)
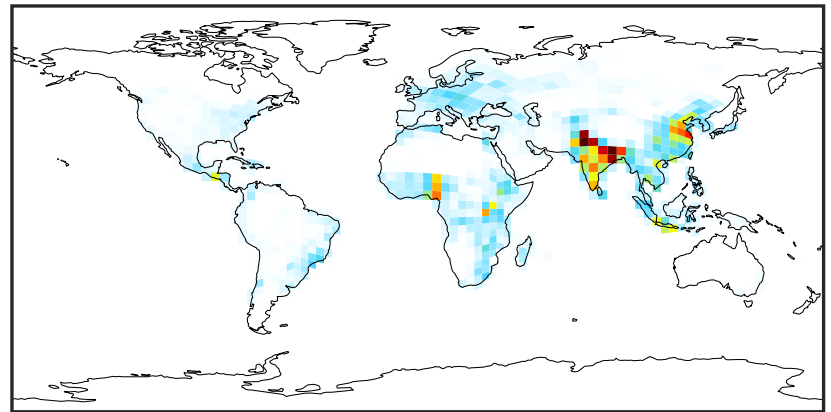Dev/Ref, Dynamic Range

Ratio (1x1.25)
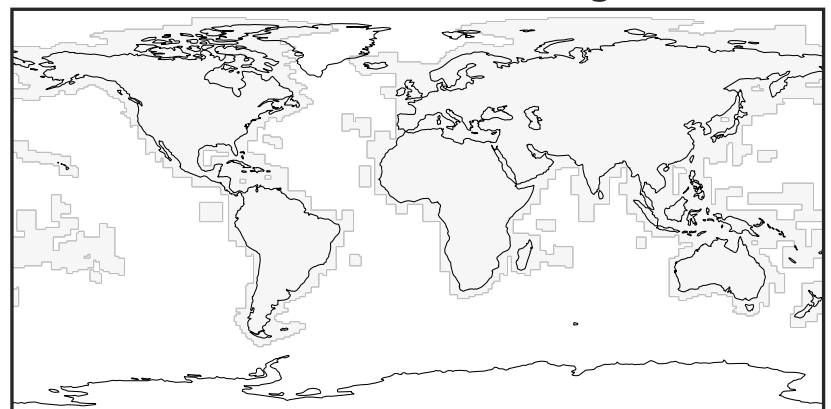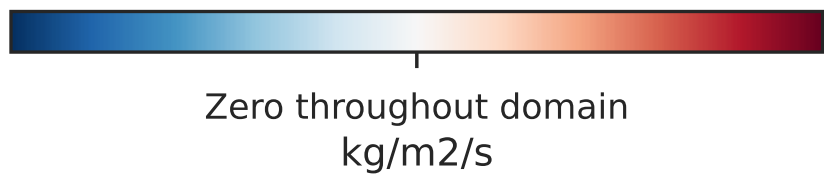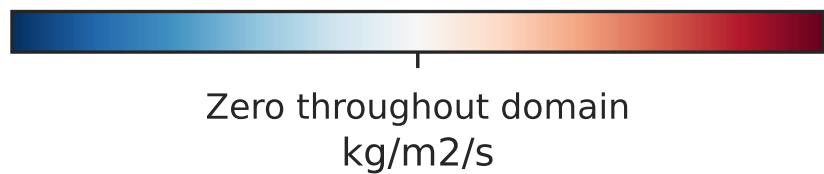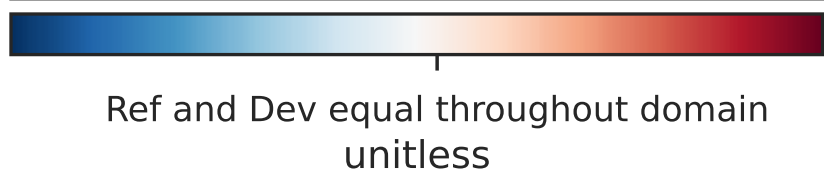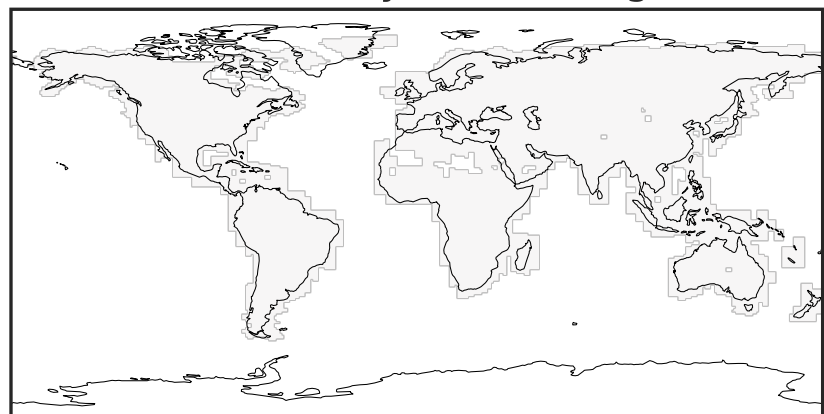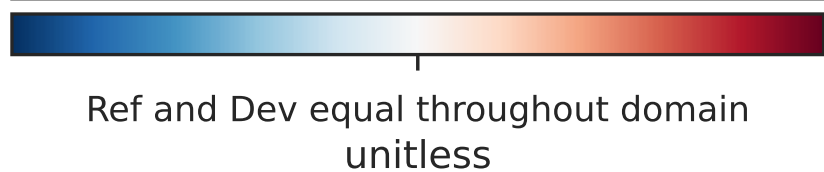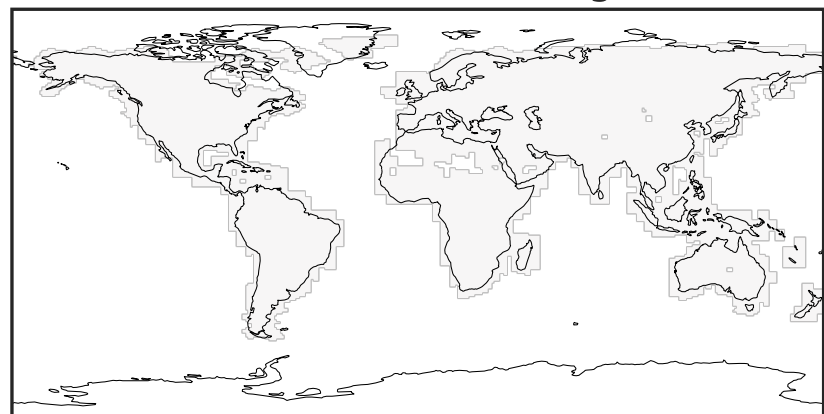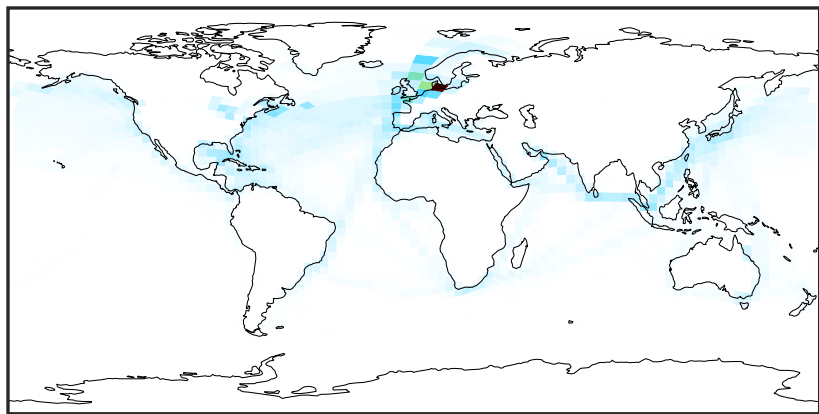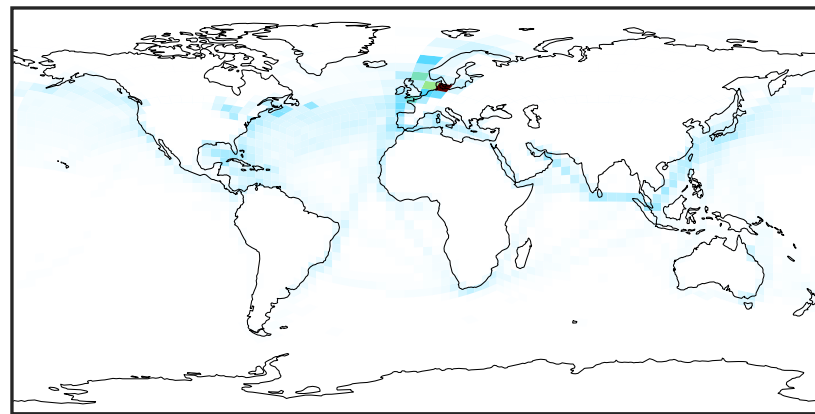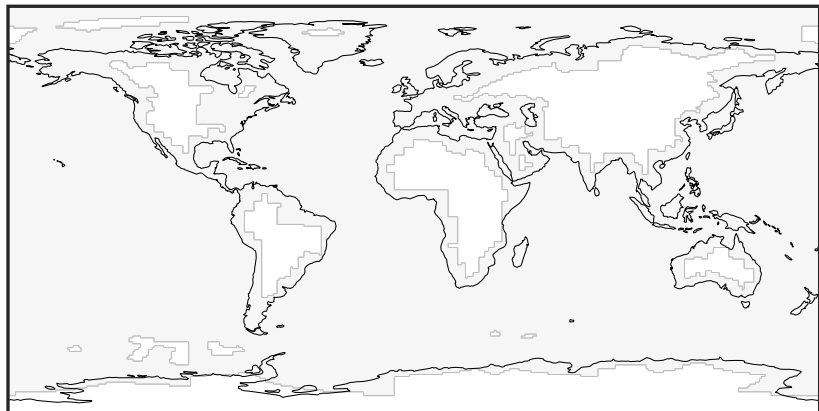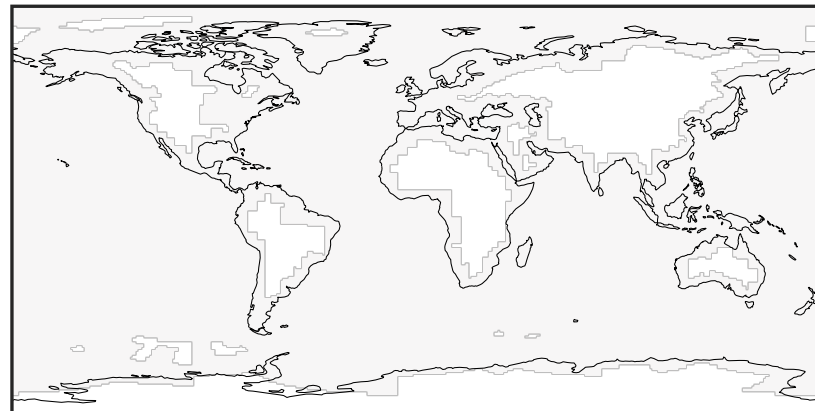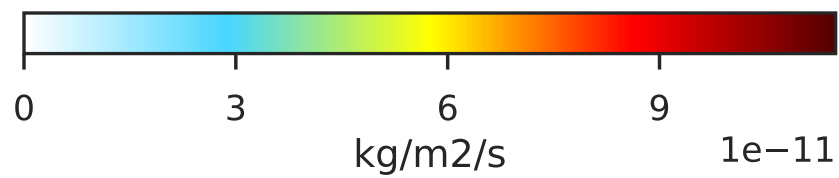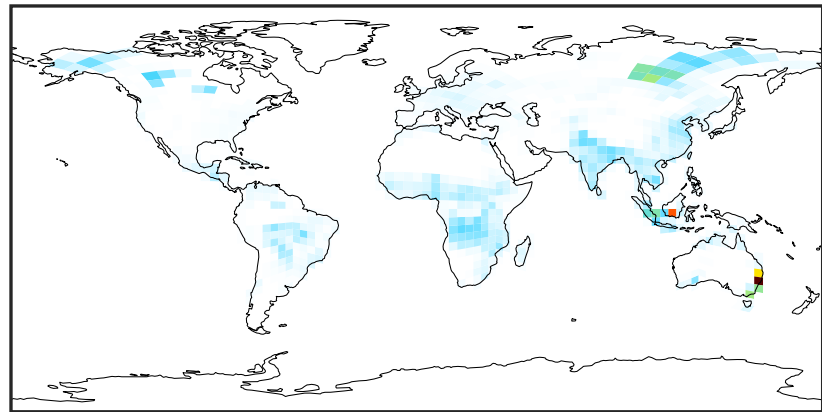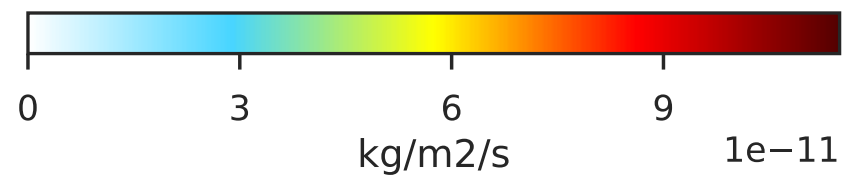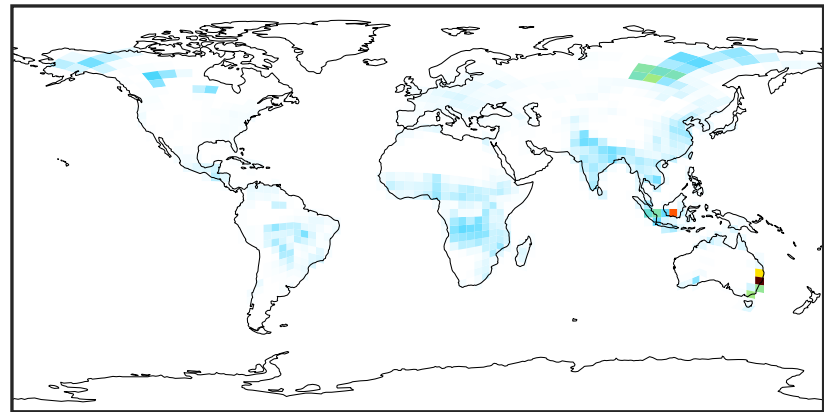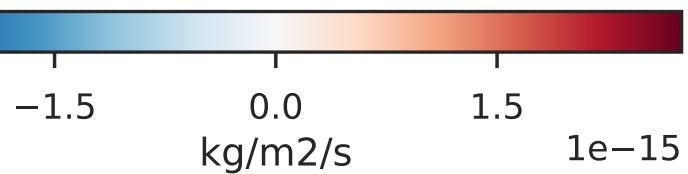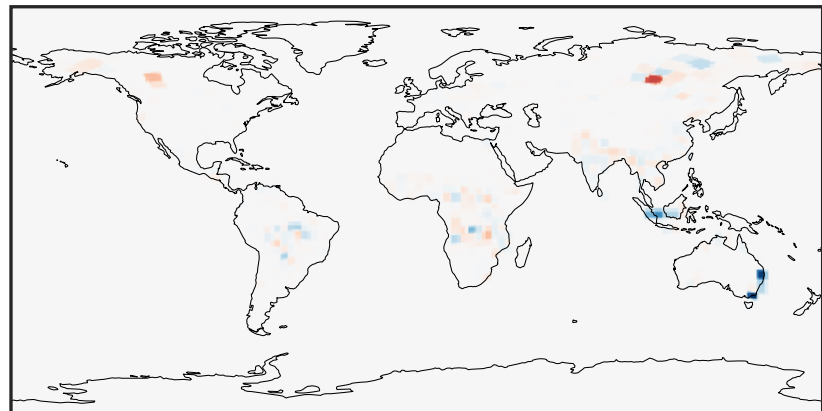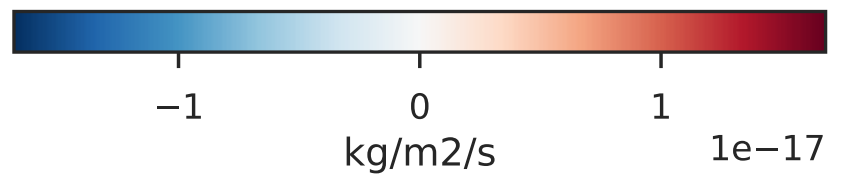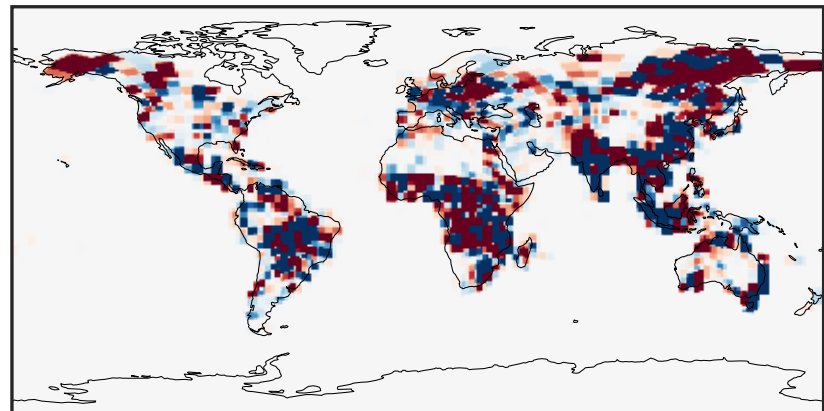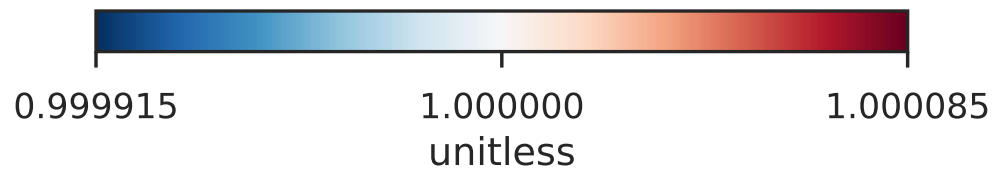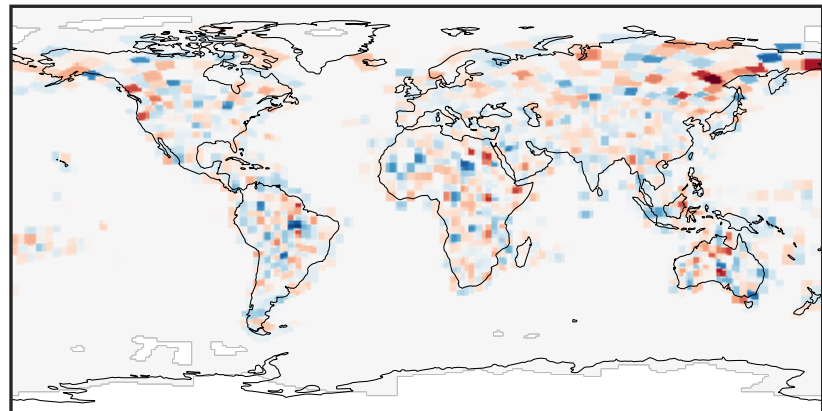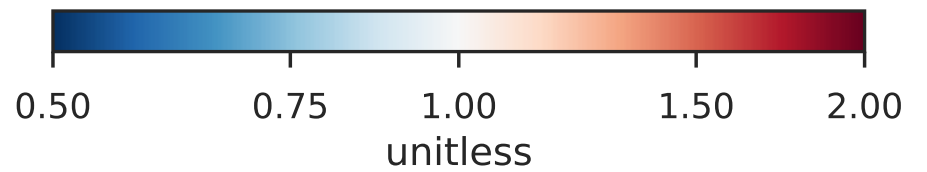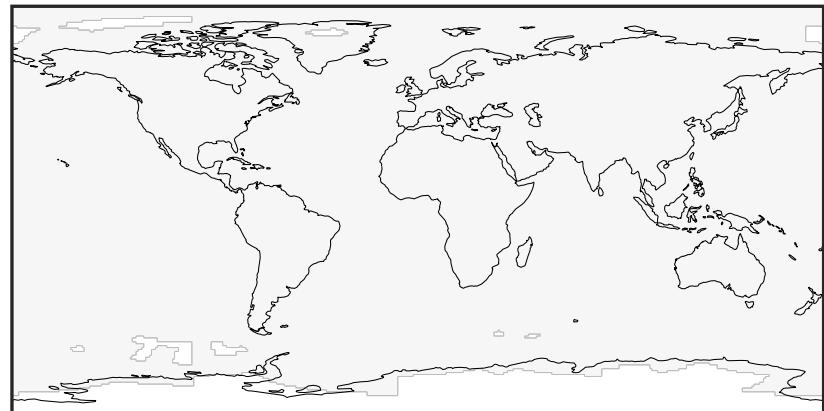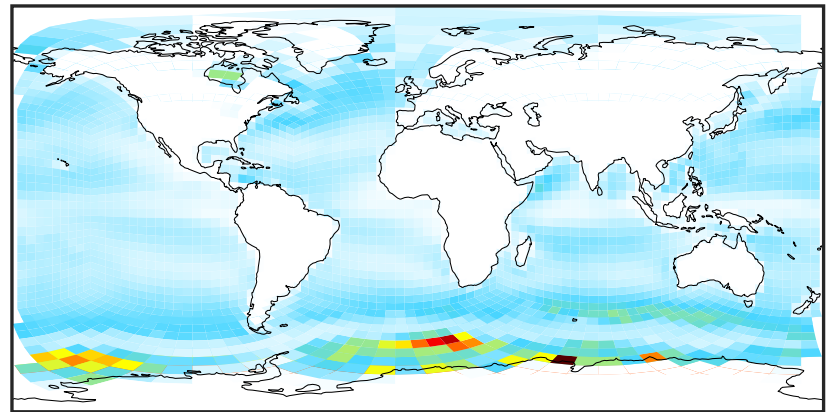Dev/Ref, Fixed Range

unitless

EmisOCPO_BioBurn (AnnualMean)

EmisOCPO_Ship (AnnualMean)

EmisOCPO_Total (AnnualMean)

EmisBrSALA_Natural (AnnualMean)
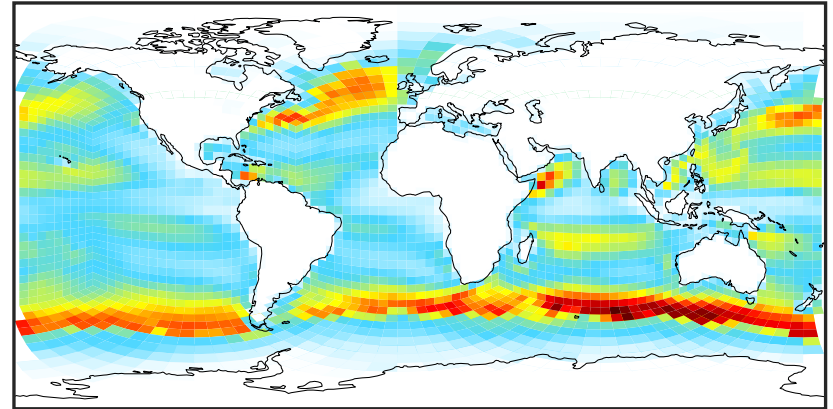
EmisBrSALC_Natural (AnnualMean)

GCHP_14.0.0 (Ref)
c24

Zero throughout domain
kg/m2/s

GCHP_14.2.0 (Dev)
c24
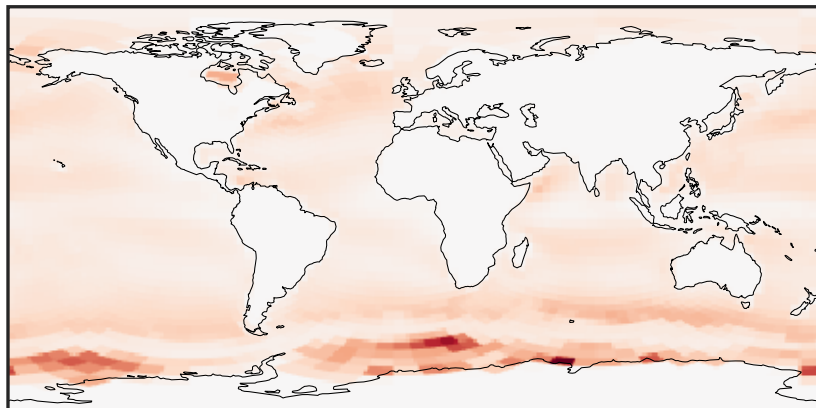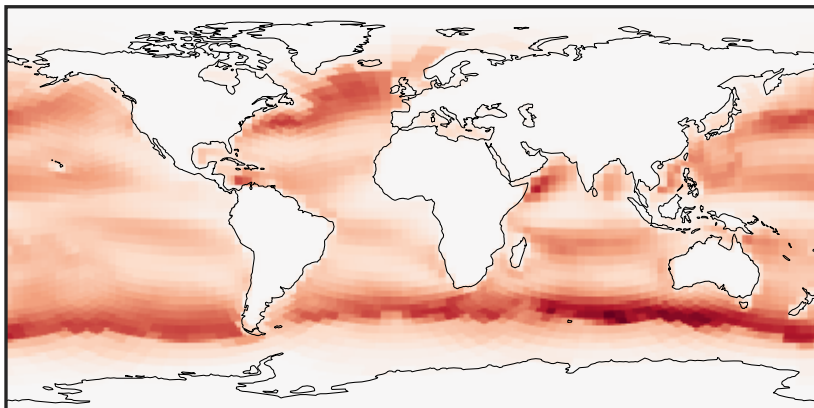
kg/m2/s

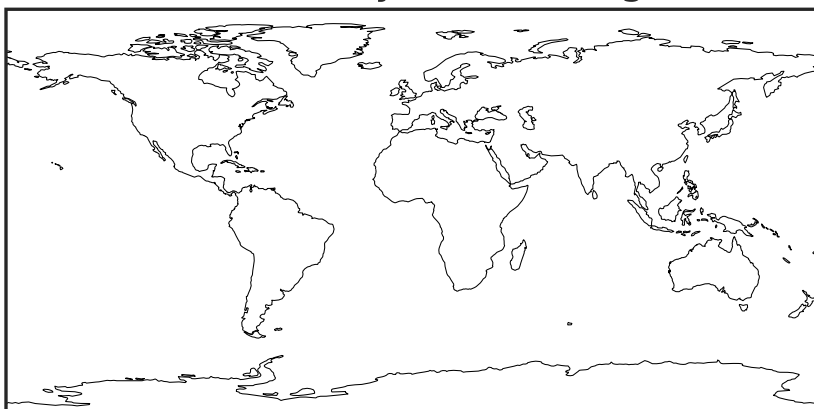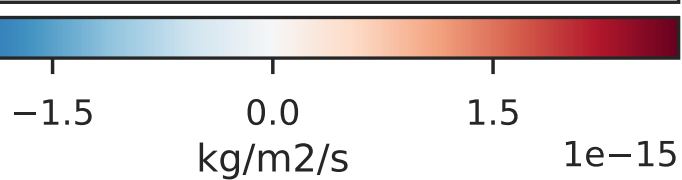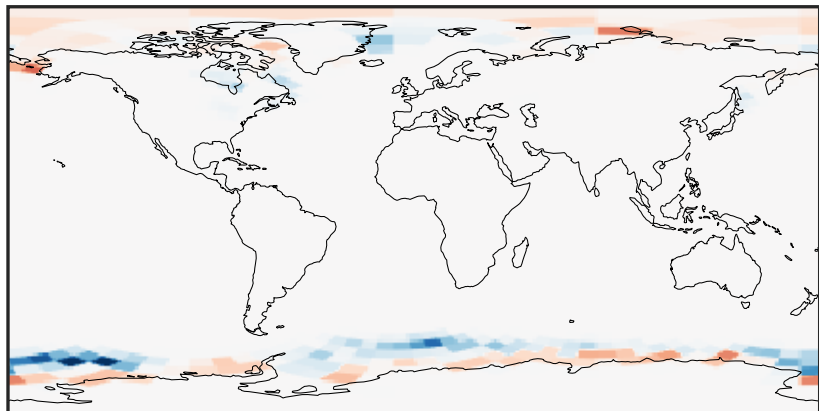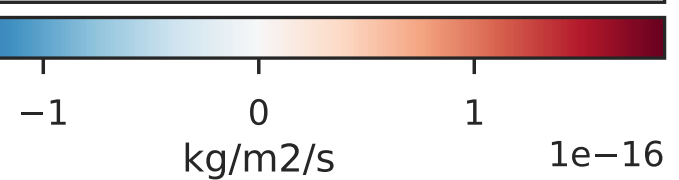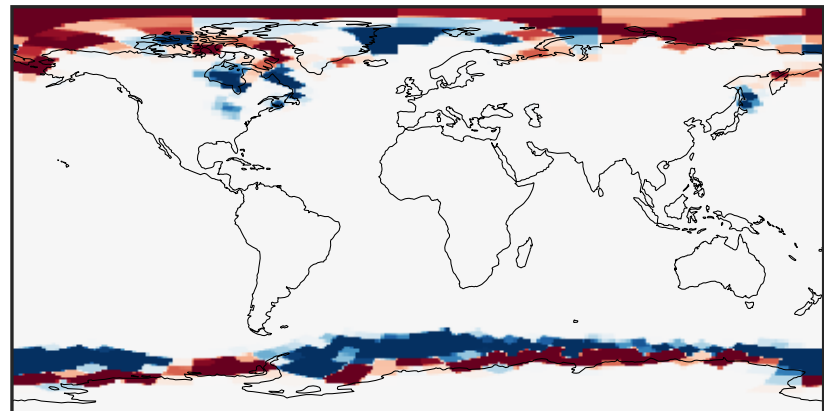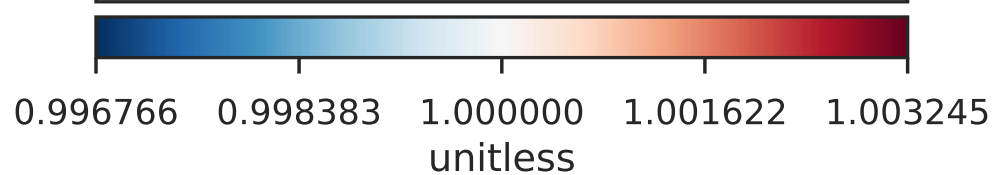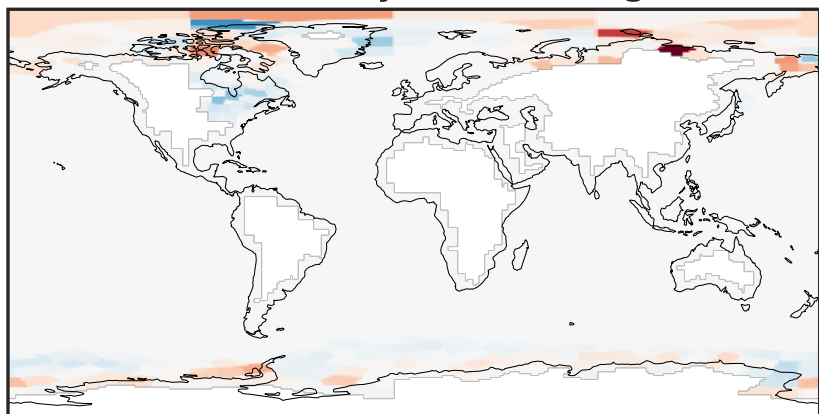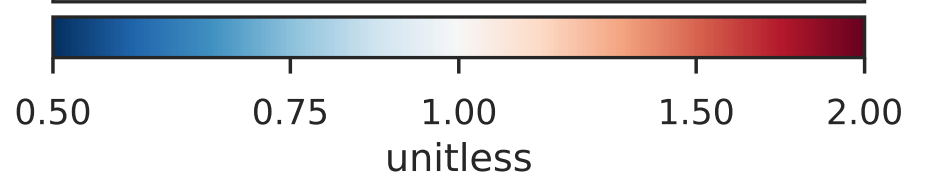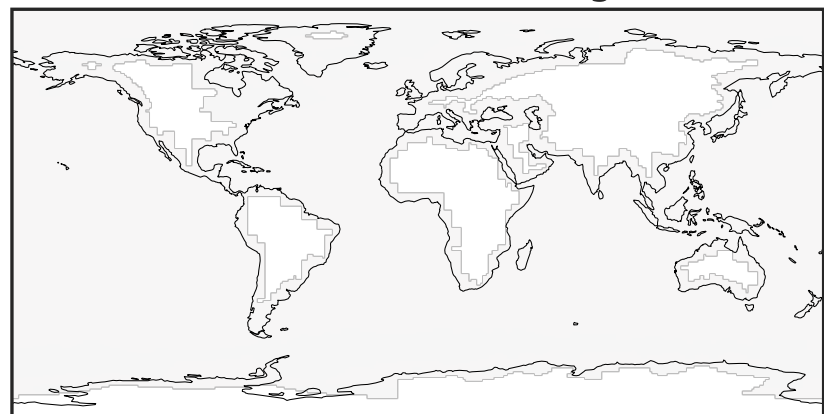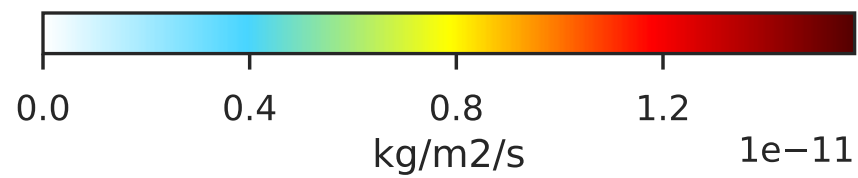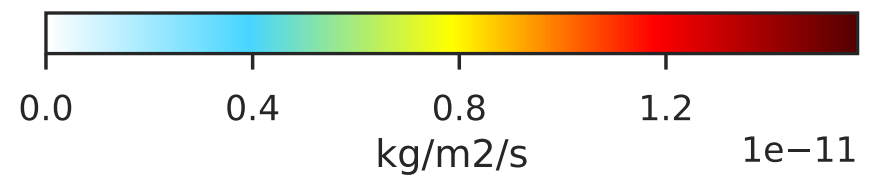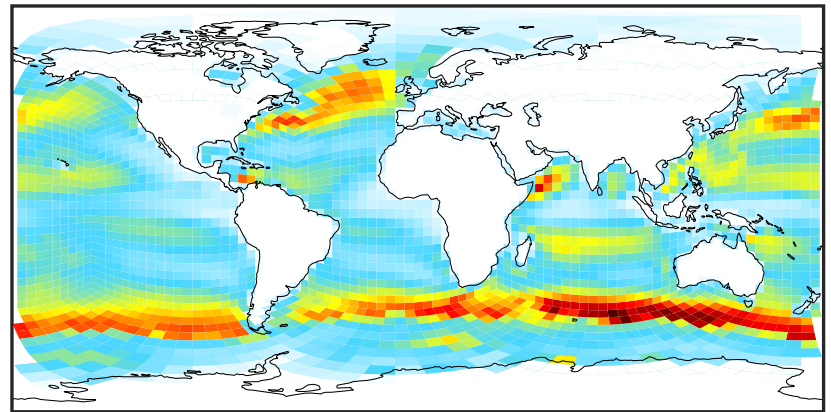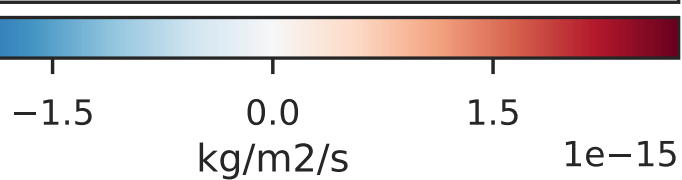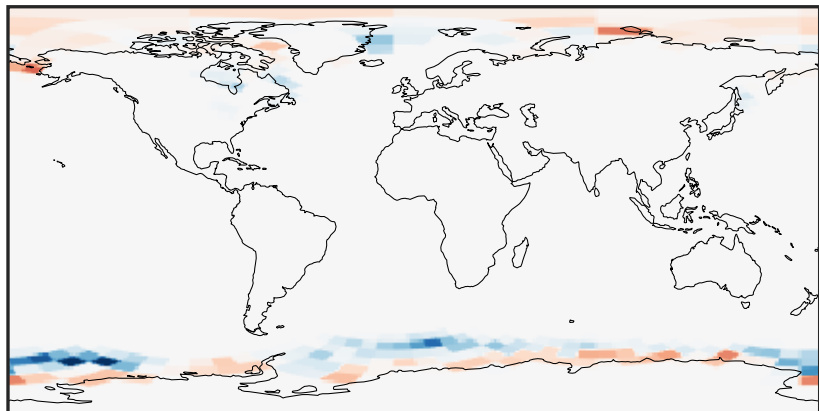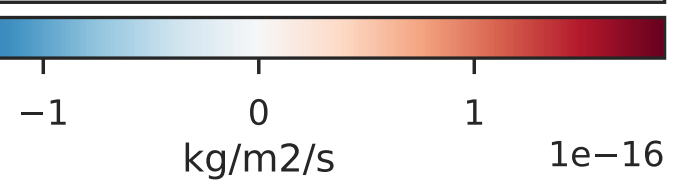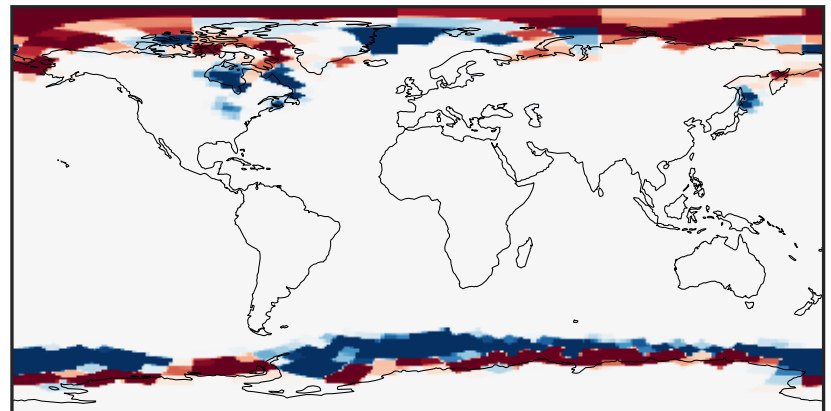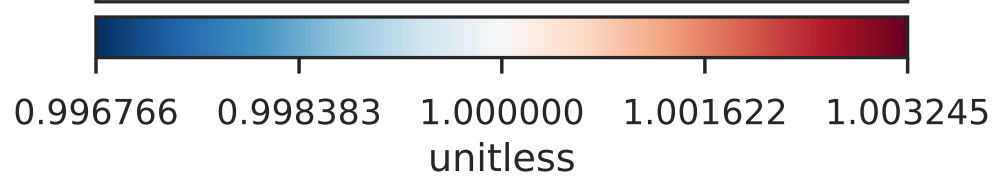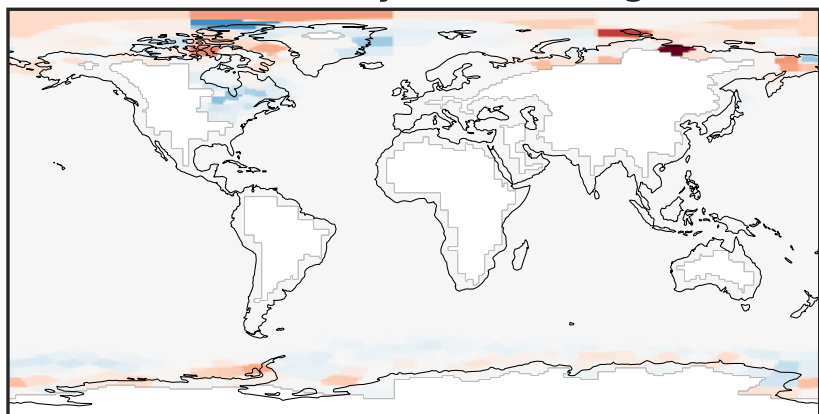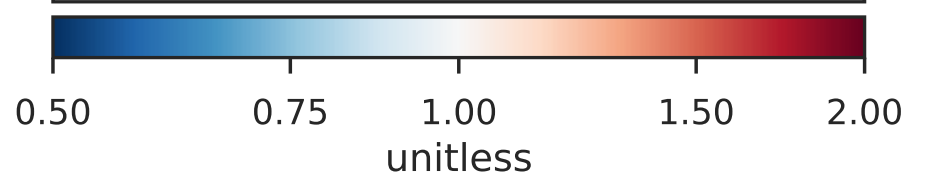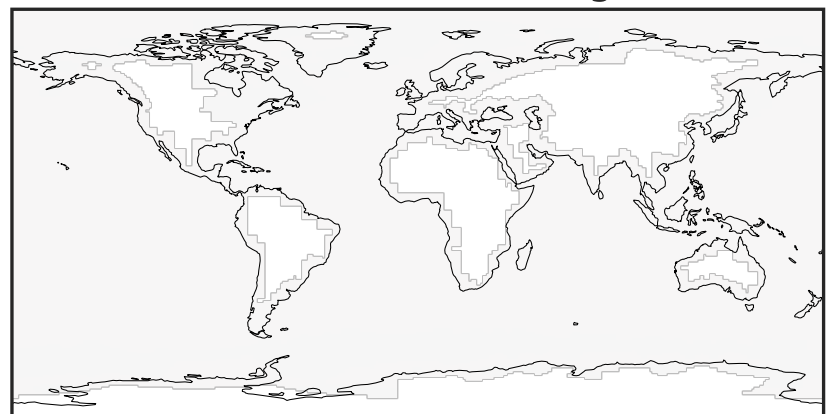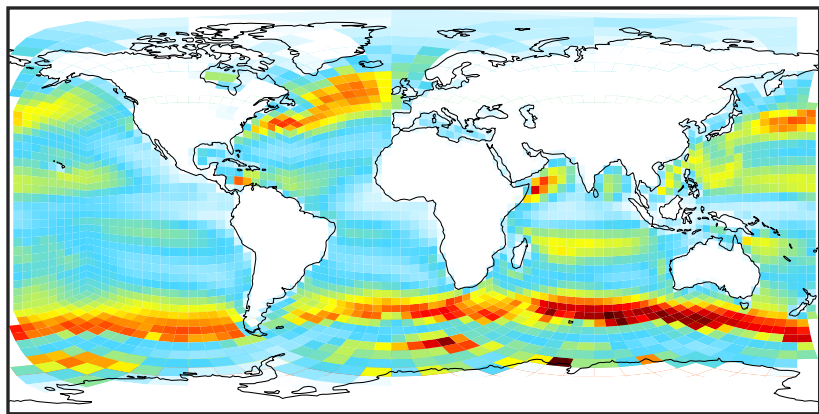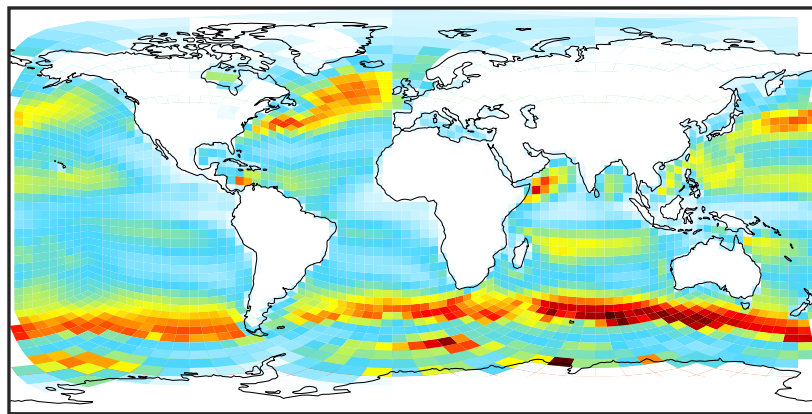## Difference (1x1.25)
Dev - Ref, Dynamic Range

kg/m2/s

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]
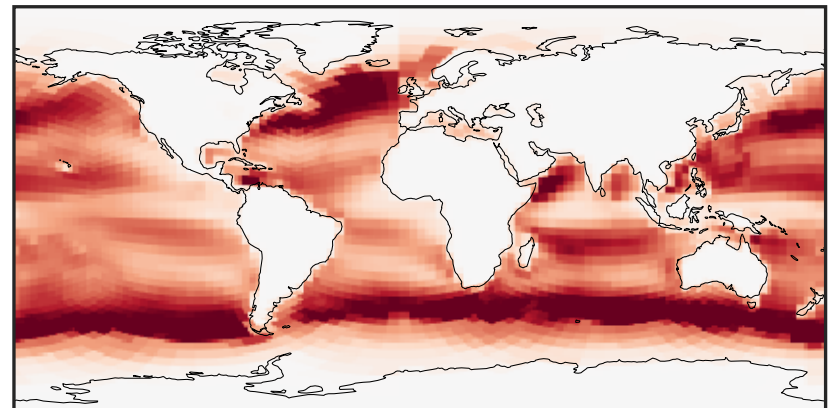
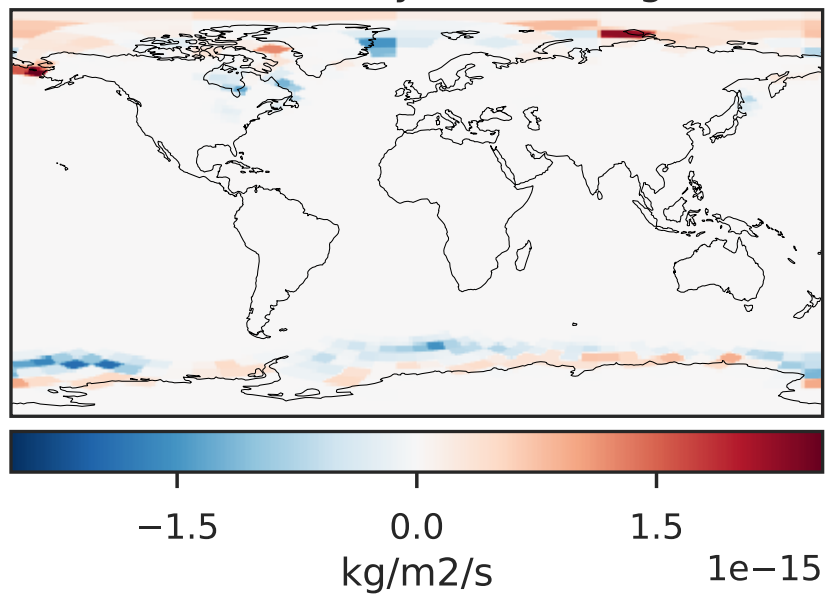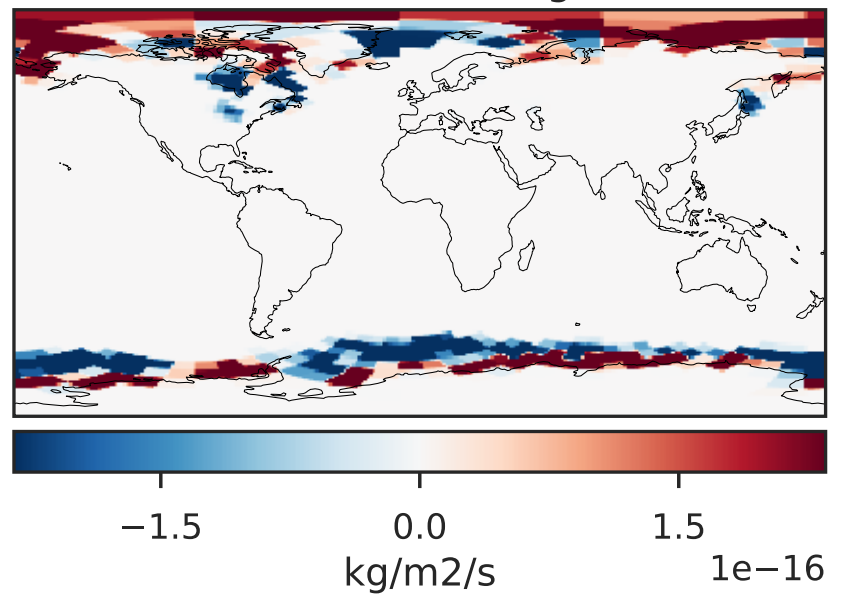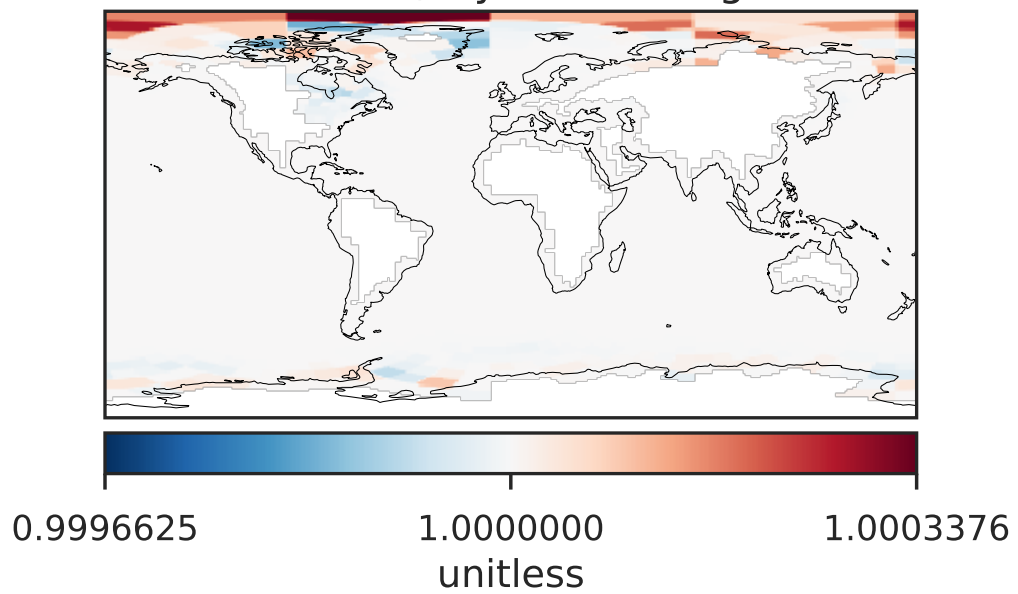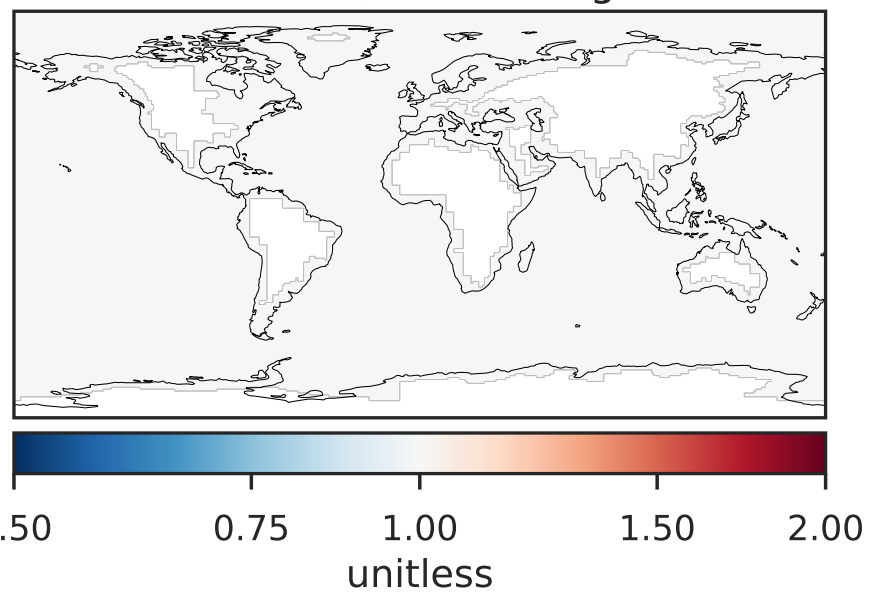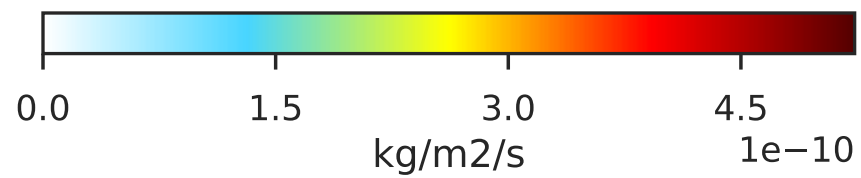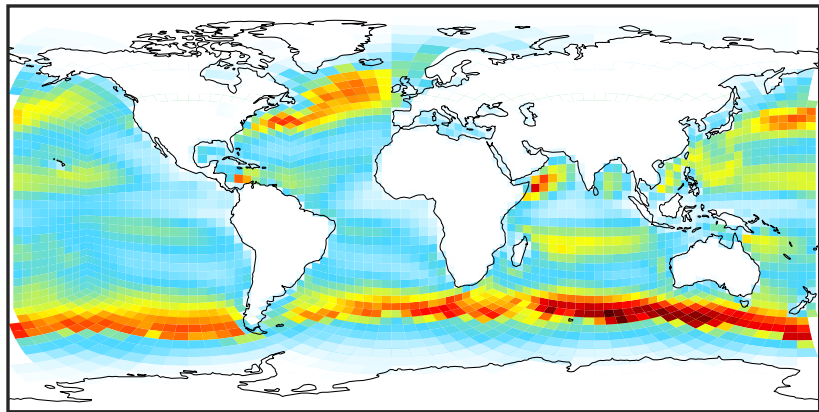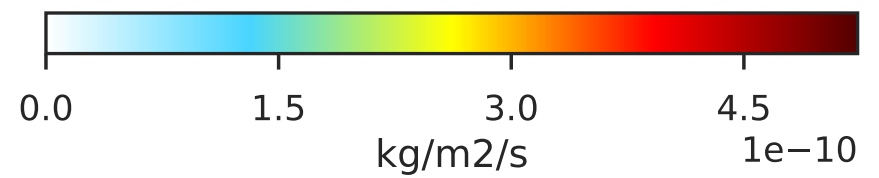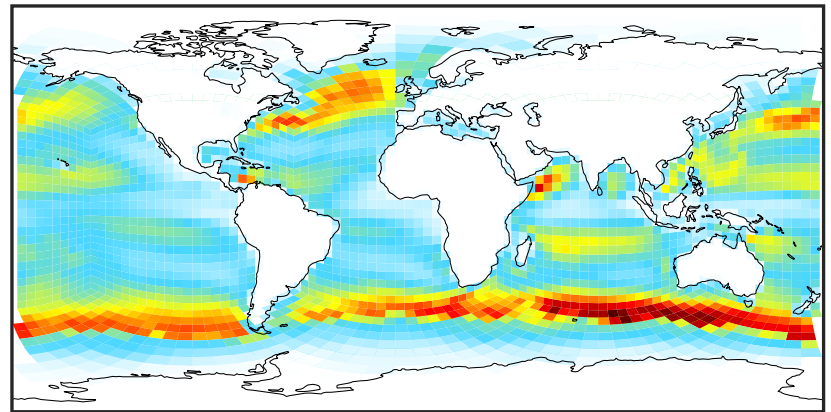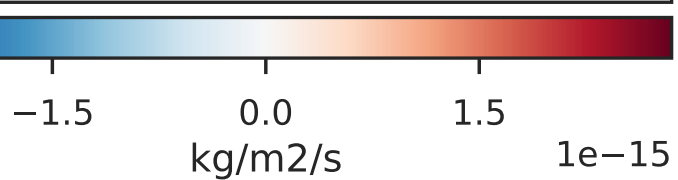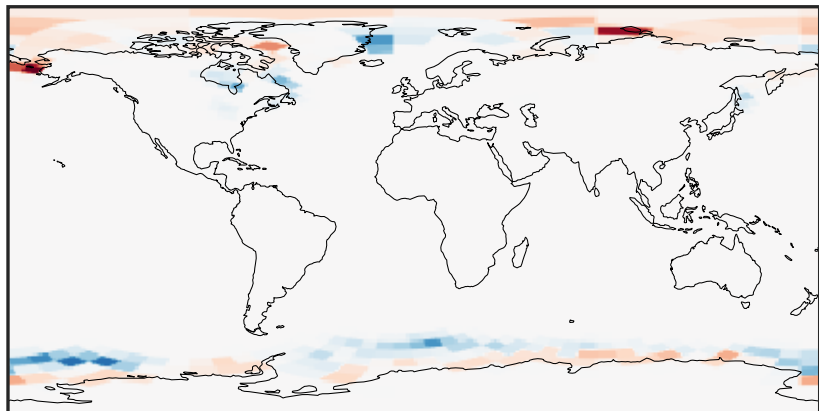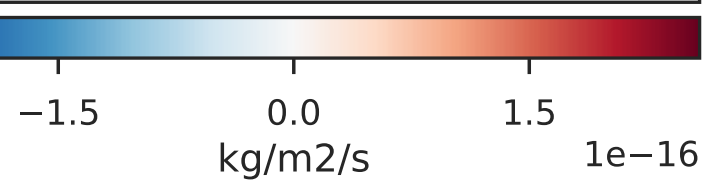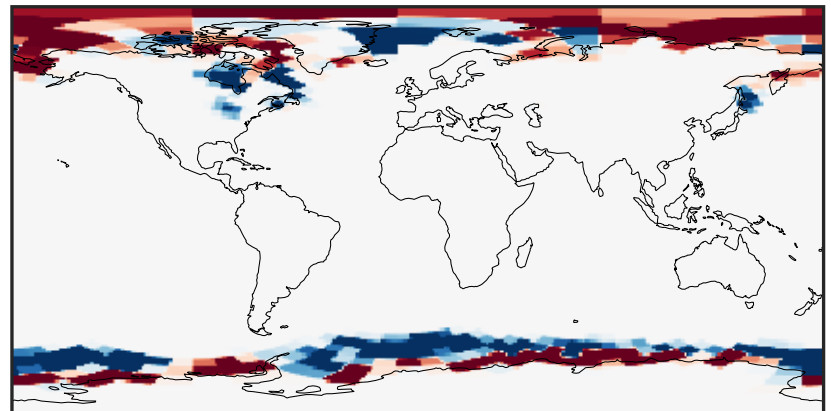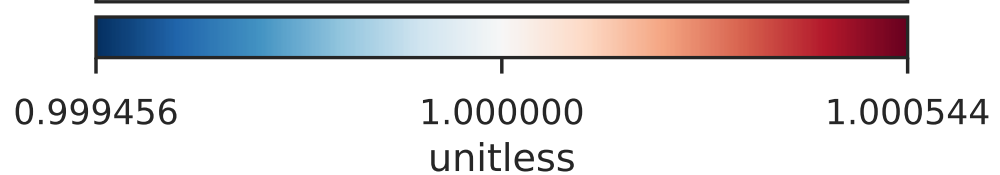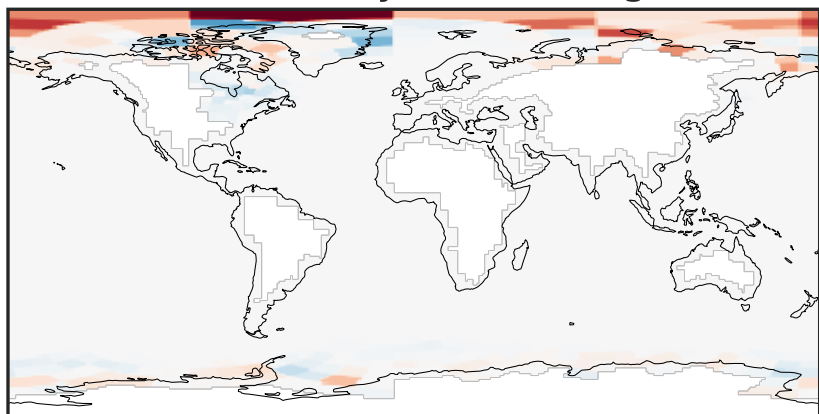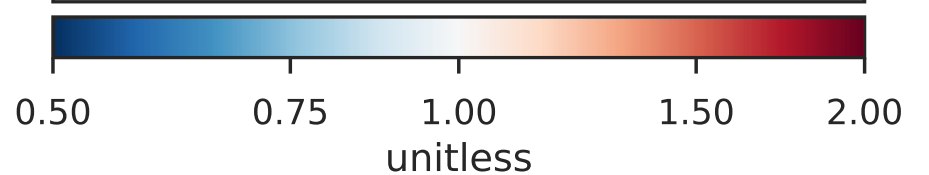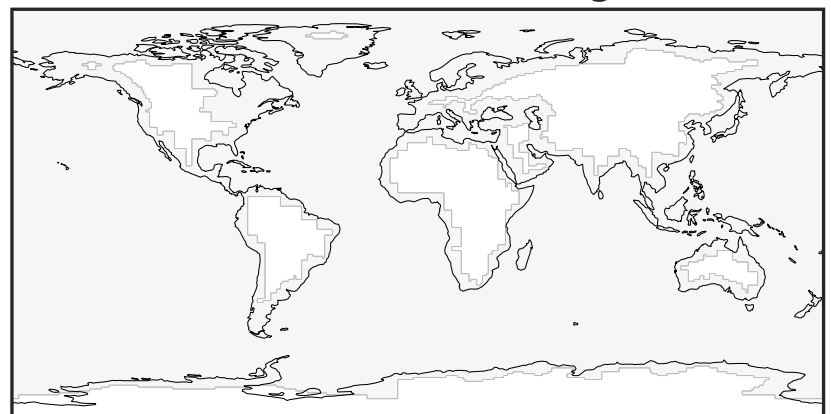kg/m2/s

Ratio (1x1.25)
Dev/Ref, Dynamic Range

Undefined throughout domain
unitless

Ratio (1x1.25)
Dev/Ref, Fixed Range

Undefined throughout domain
unitless

EmisSALA_Natural (AnnualMean)
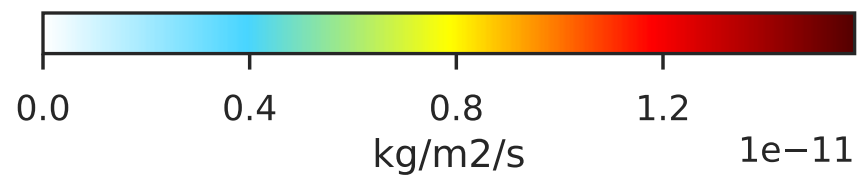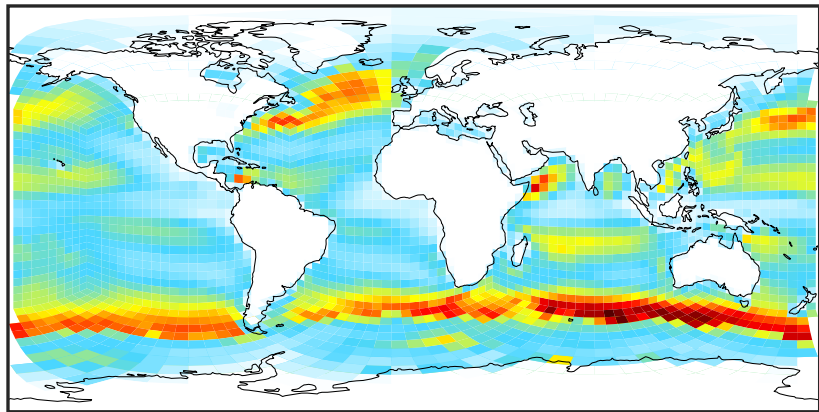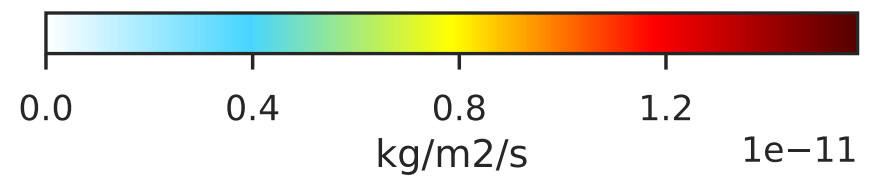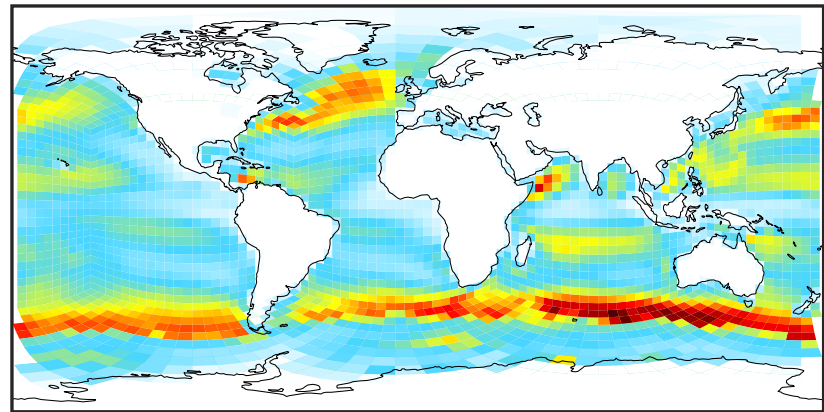
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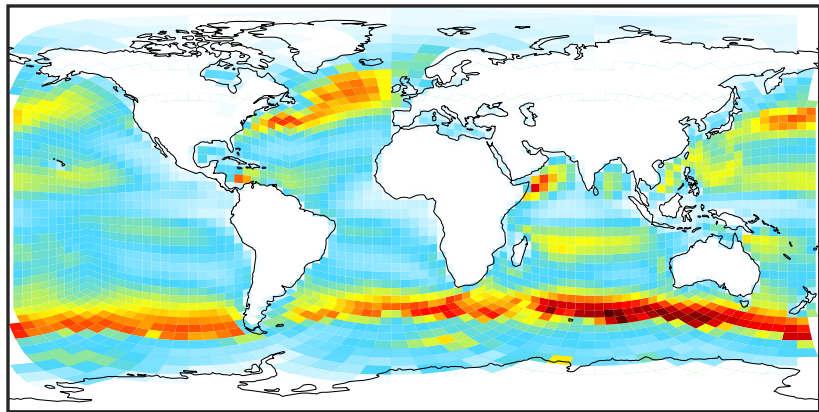
EmisSALACL_Natural (AnnualMean)

EmisSALC_Natural (AnnualMean)

EmisSALCAL_Natural (AnnualMean)
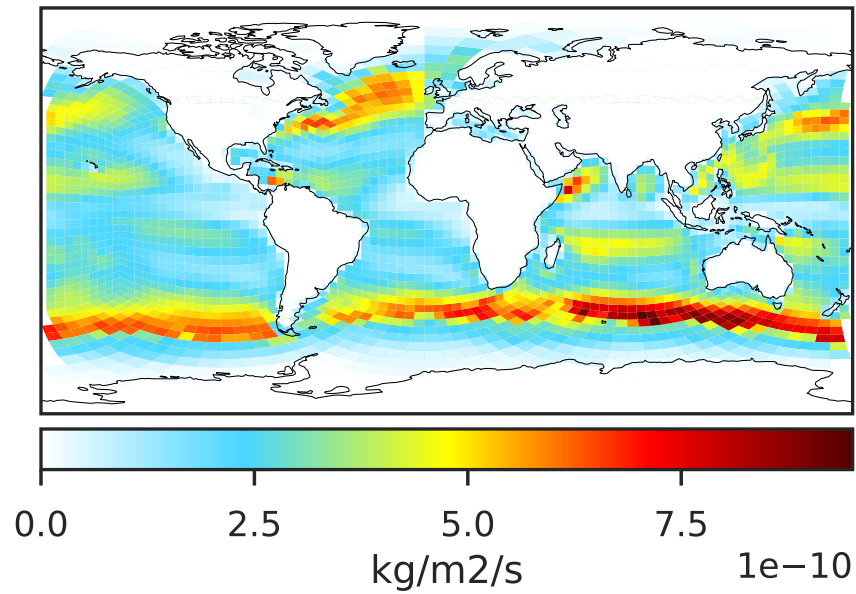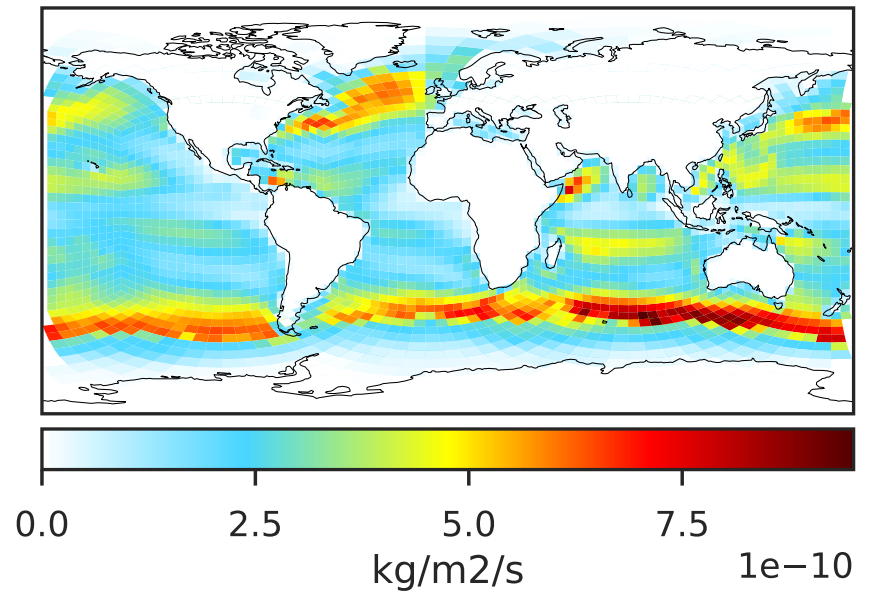
EmisSALCCL_Natural (AnnualMean)

EmispFe_Anthro (AnnualMean)
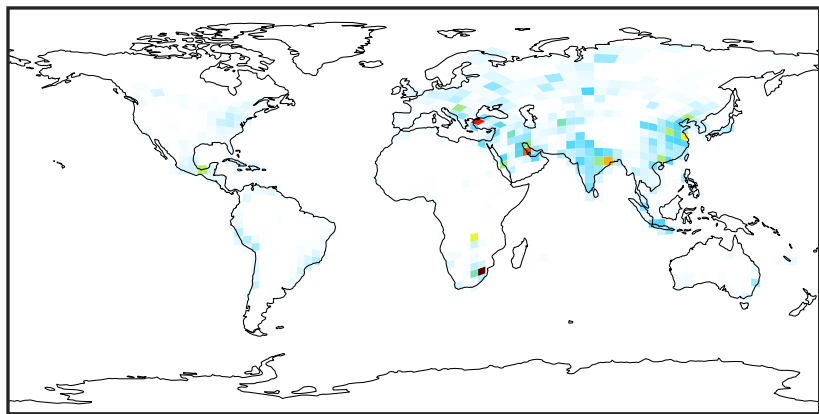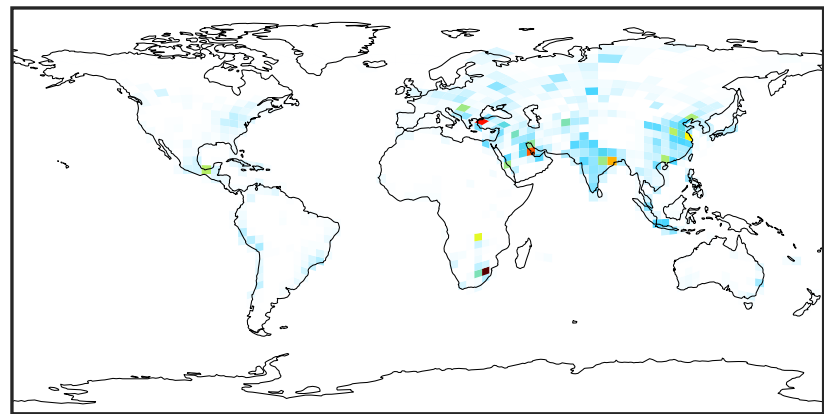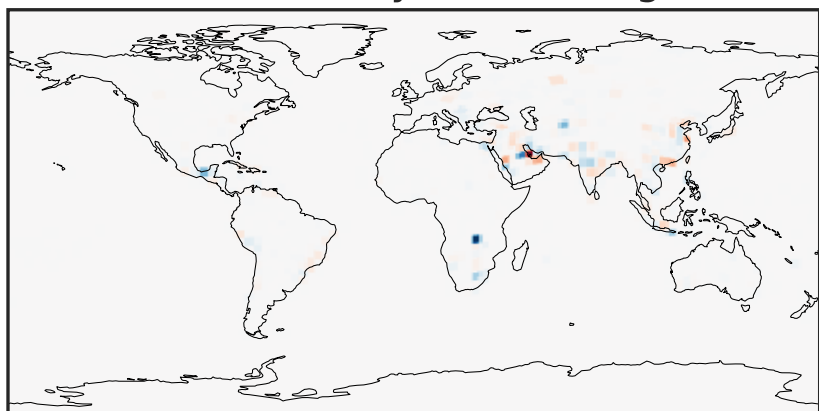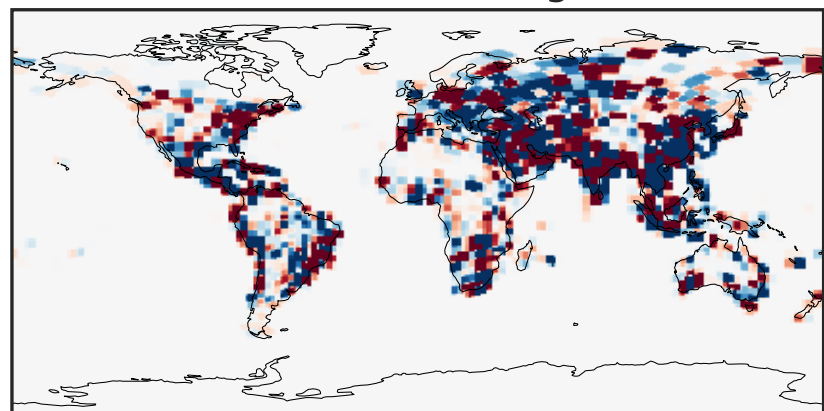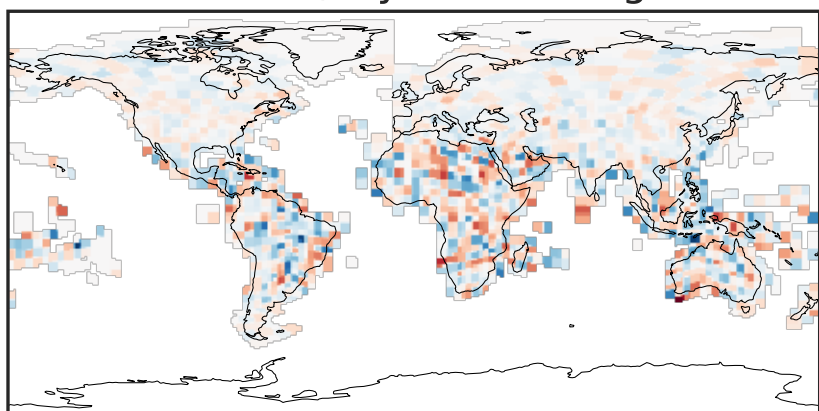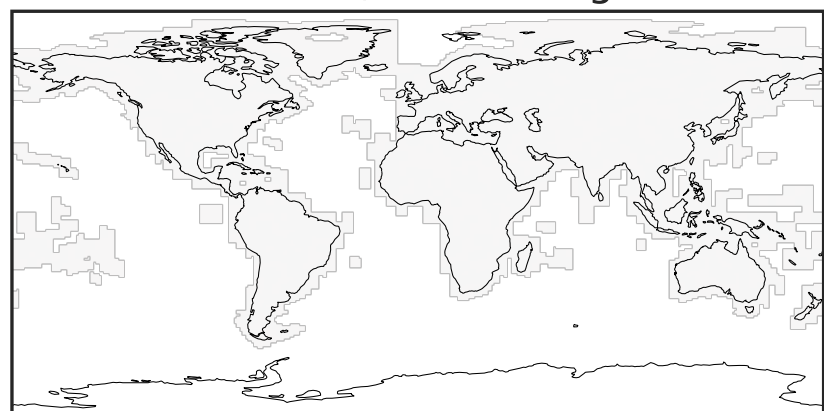
EmispFe_Ship (AnnualMean)
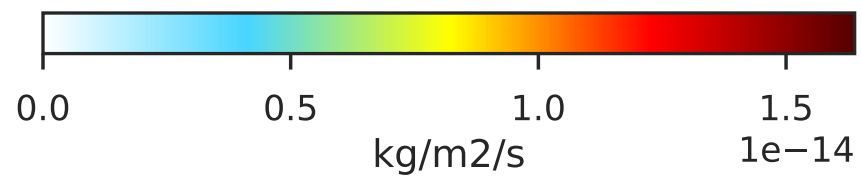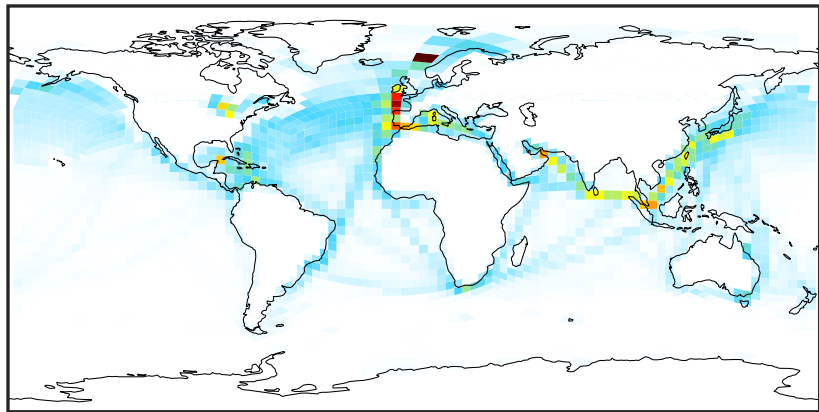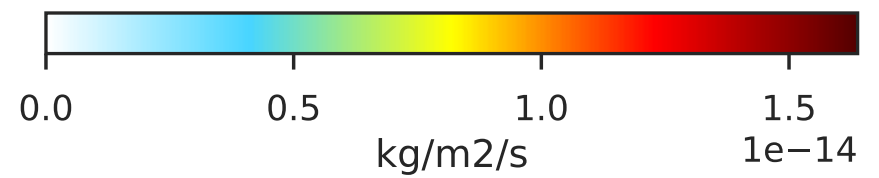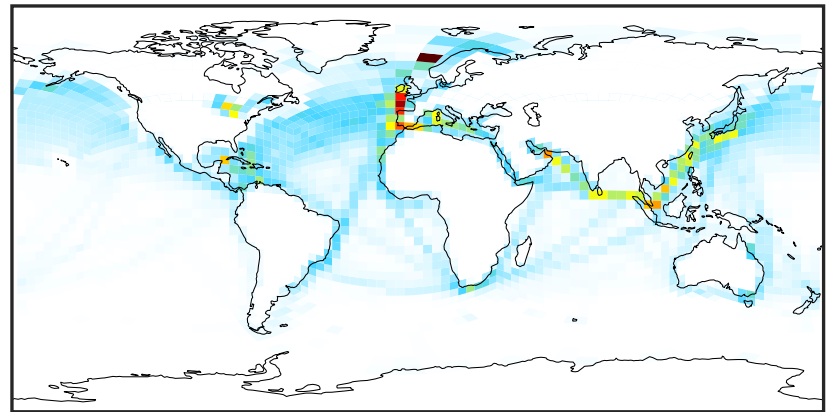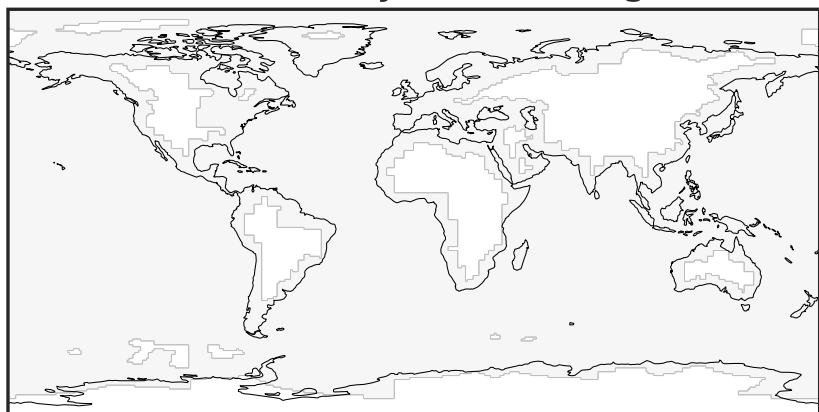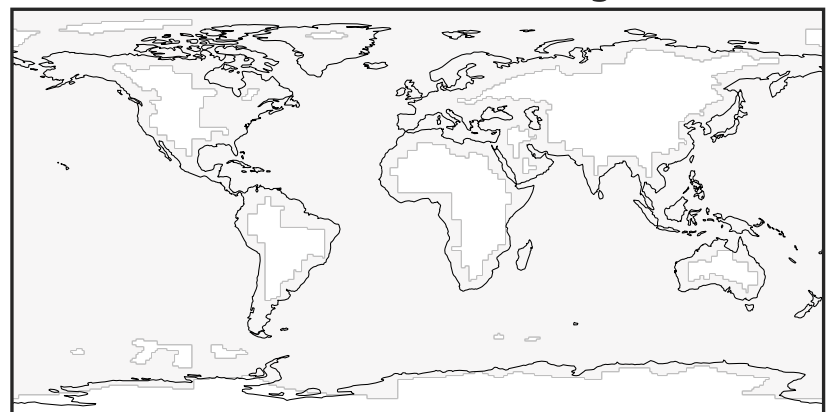
EmispFe_Total (AnnualMean)