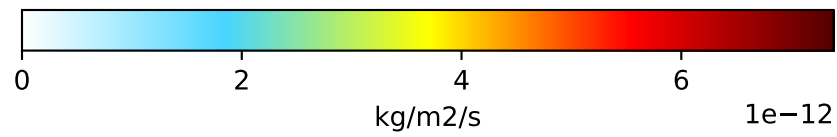
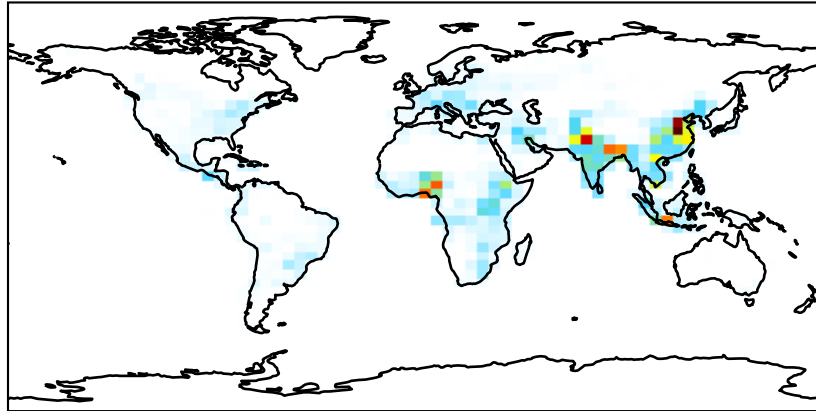
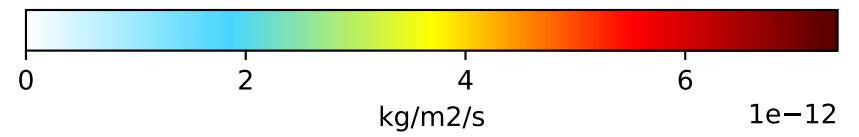
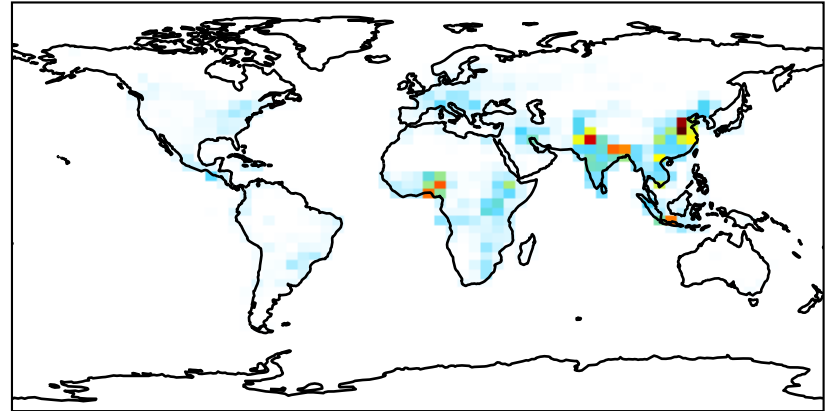


EmisALD2_Anthro (Jan2019)

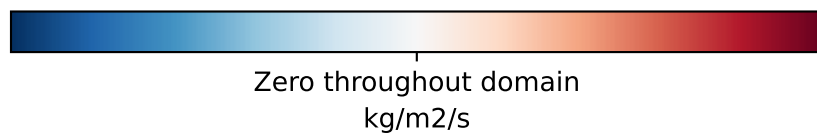
GCC_14.0.0_1yr (Ref)
4.0x5.0



GCC_14.0.0_10yr (Dev)
4.0x5.0



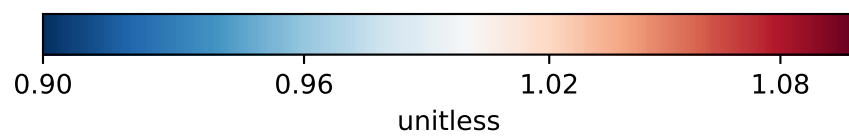
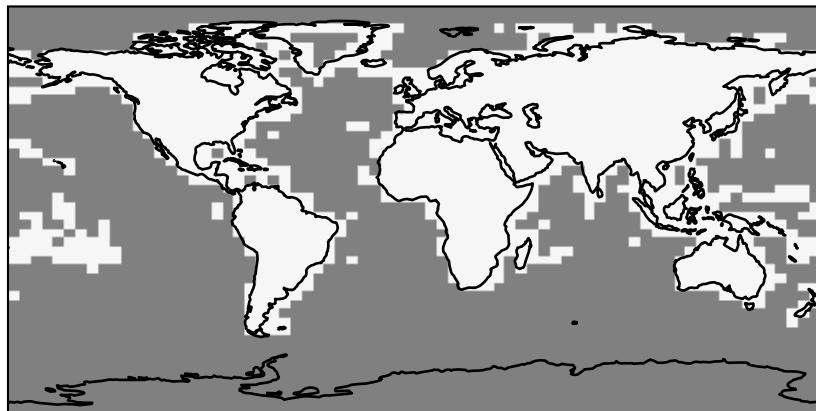
Difference
Dev - Ref, Dynamic Range



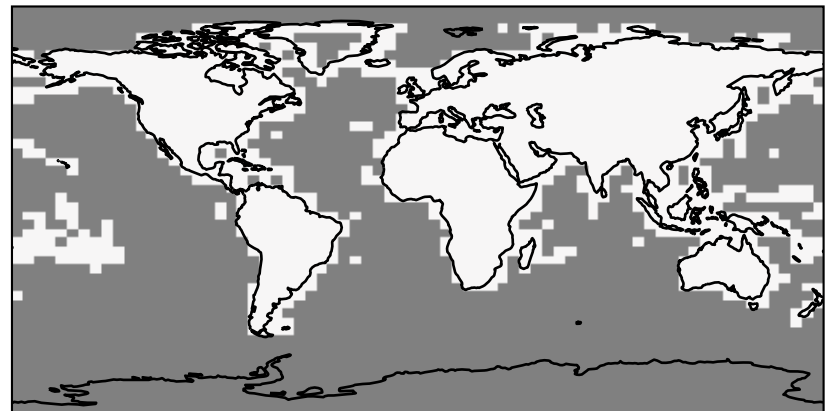
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

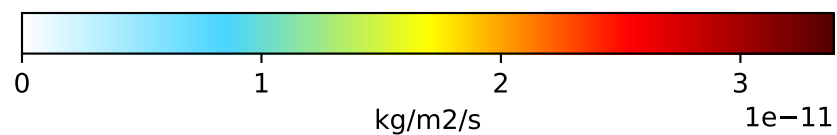
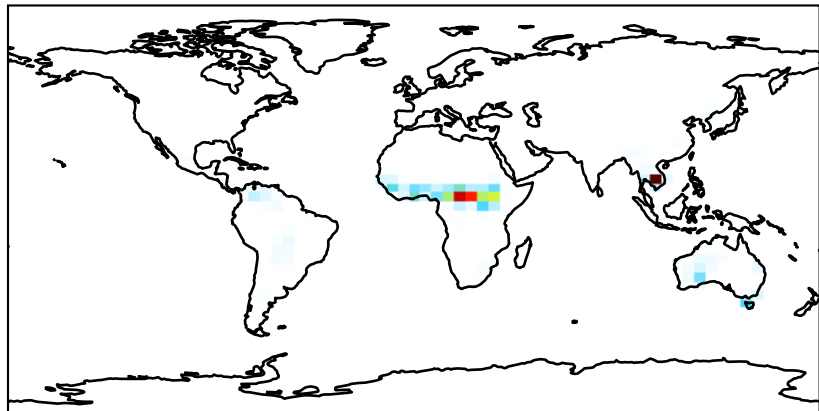


Ratio
Dev/Ref, Fixed Range

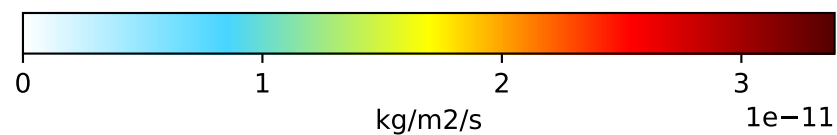
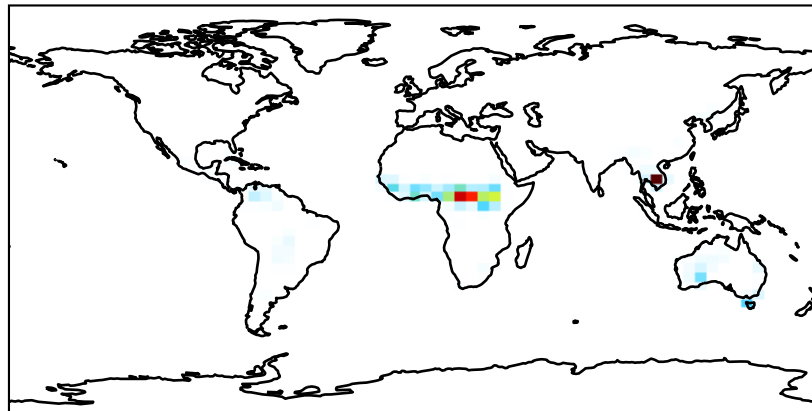


EmisALD2_BioBurn (Jan2019)

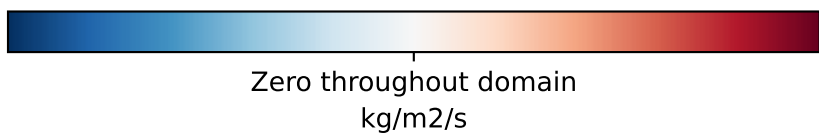
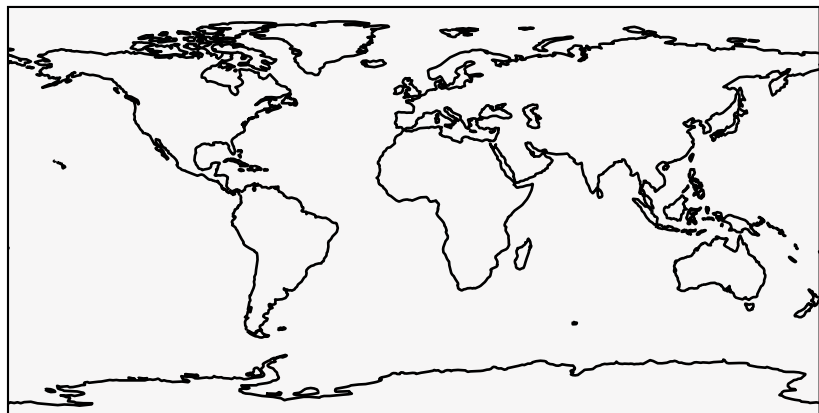
GCC_14.0.0_1yr (Ref)
4.0x5.0



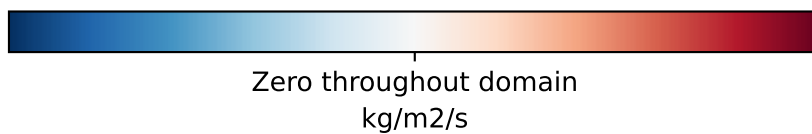
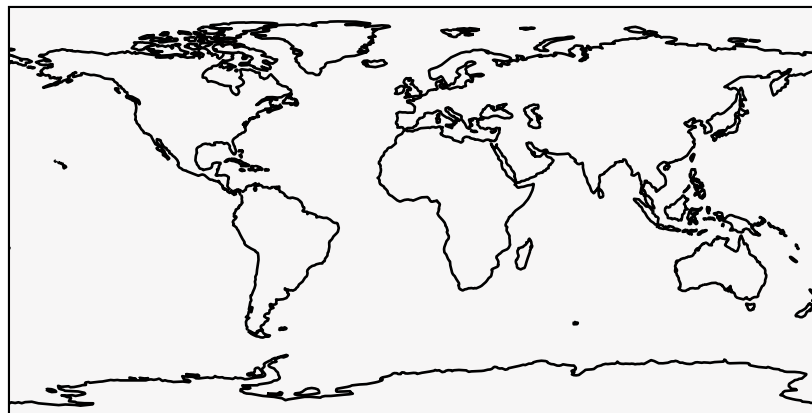
GCC_14.0.0_10yr (Dev)
4.0x5.0



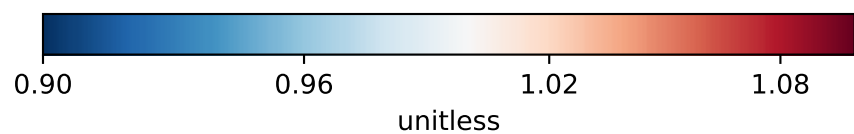
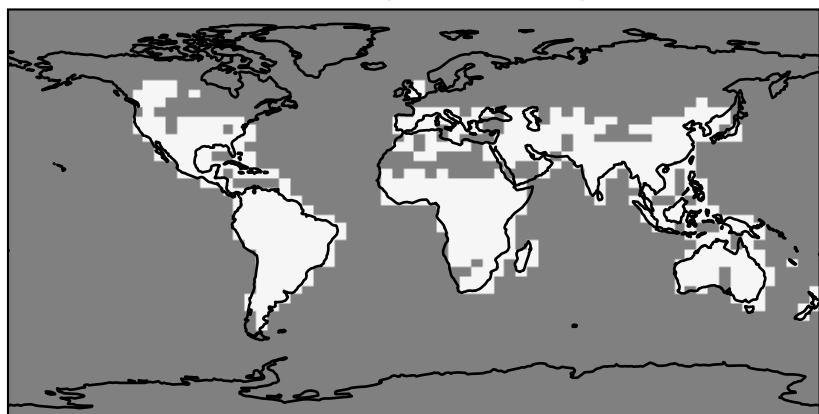
Difference
Dev - Ref, Dynamic Range



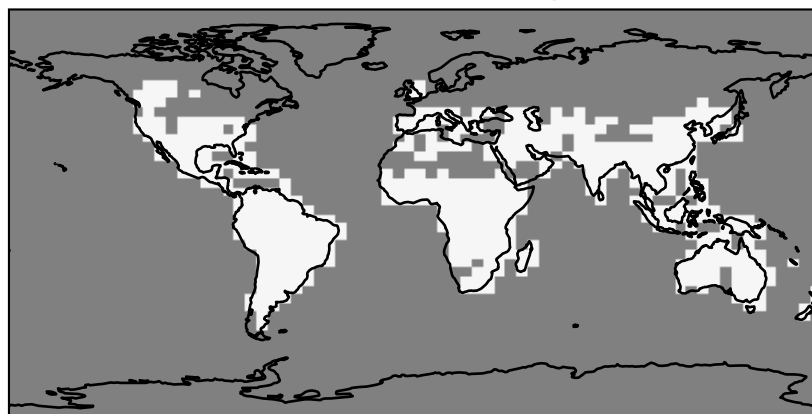
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

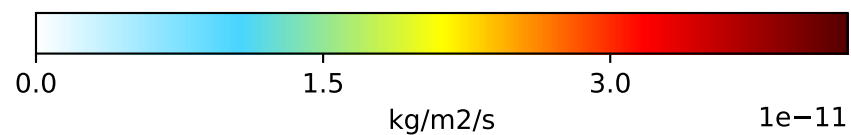
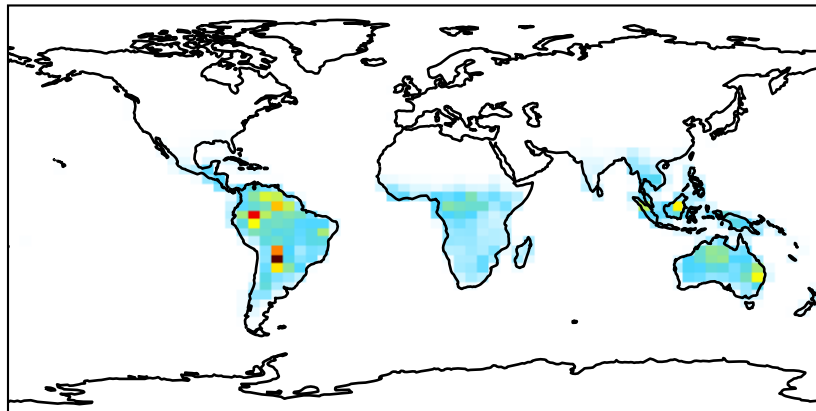


Ratio
Dev/Ref, Fixed Range

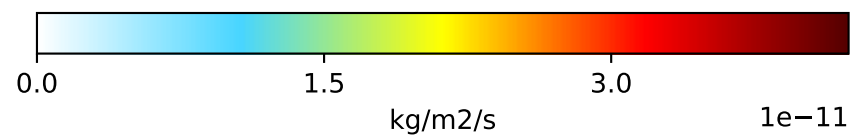
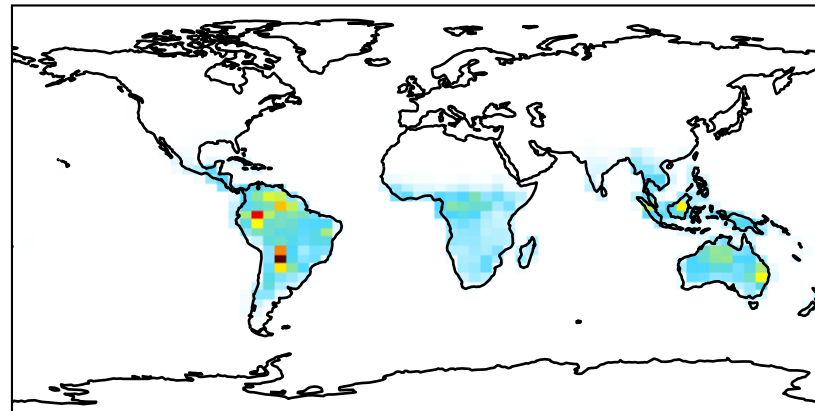


EmisALD2_Biogenic (Jan2019)

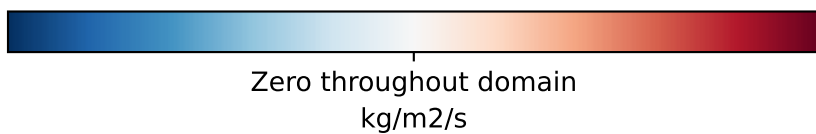
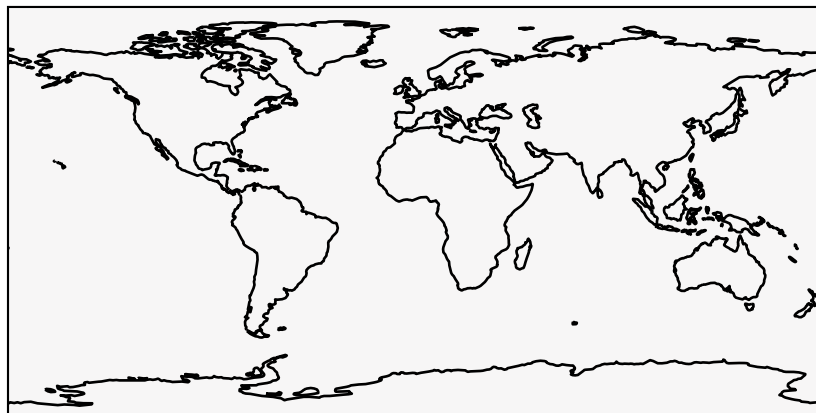
GCC_14.0.0_1yr (Ref)
4.0x5.0



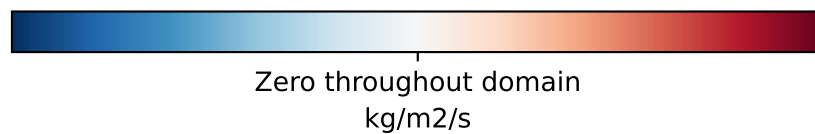
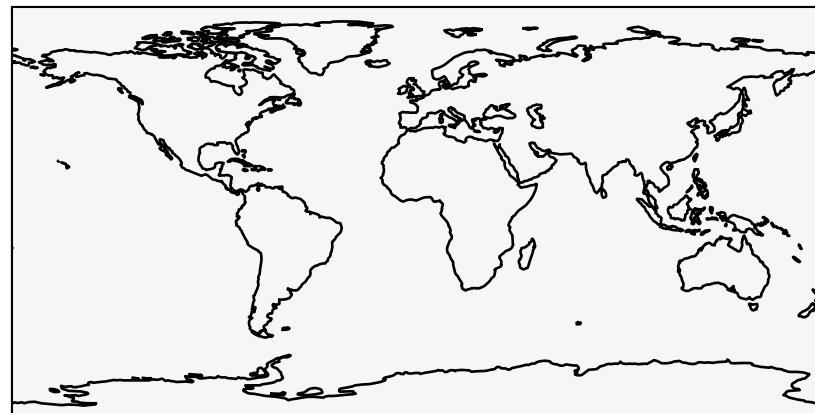
GCC_14.0.0_10yr (Dev)
4.0x5.0



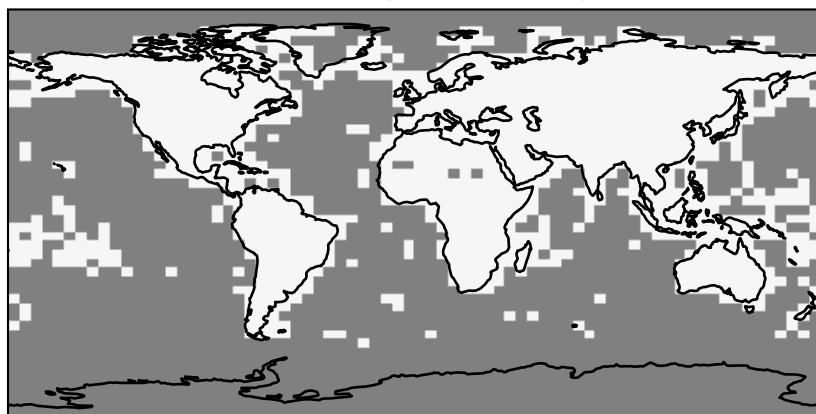
Difference
Dev - Ref, Dynamic Range



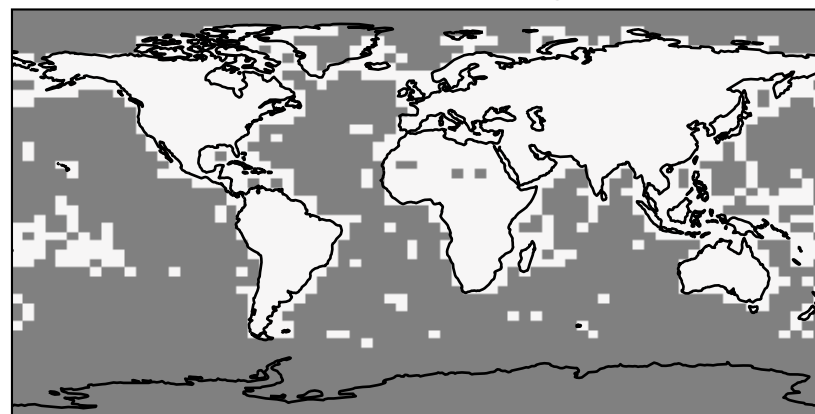
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

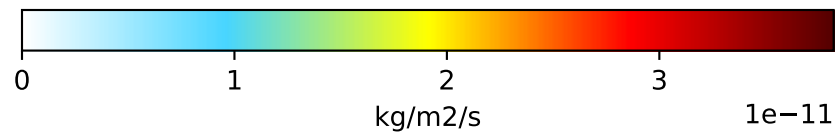
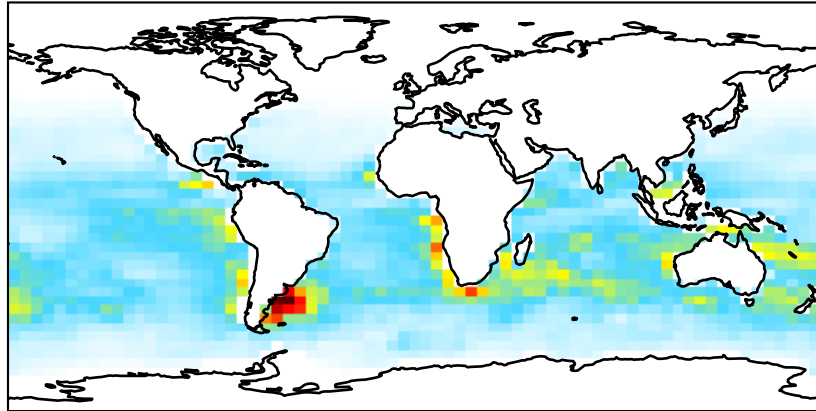


Ratio
Dev/Ref, Fixed Range

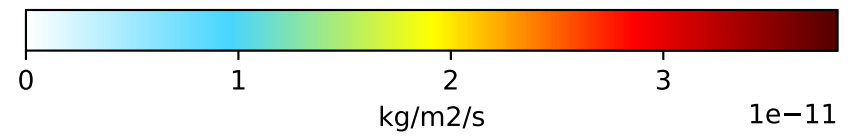
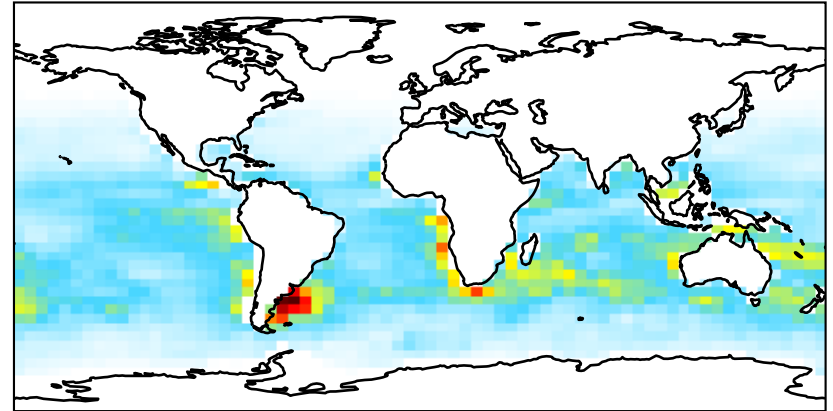


EmisALD2_Ocean (Jan2019)

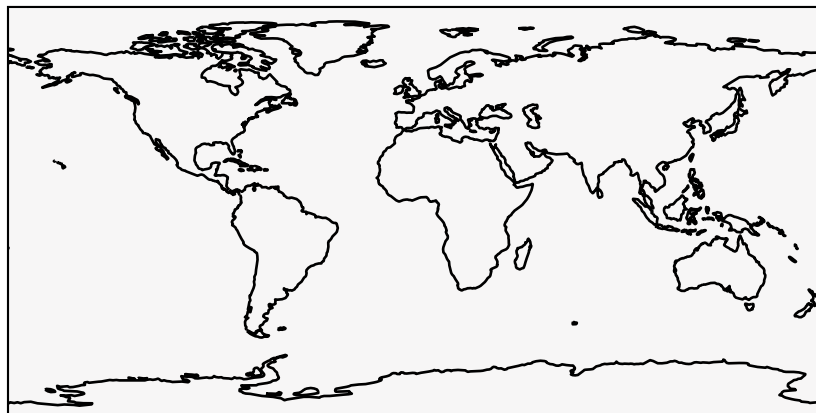
GCC_14.0.0_1yr (Ref)
4.0x5.0



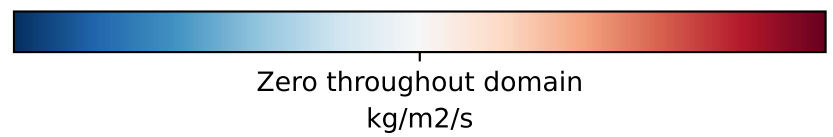
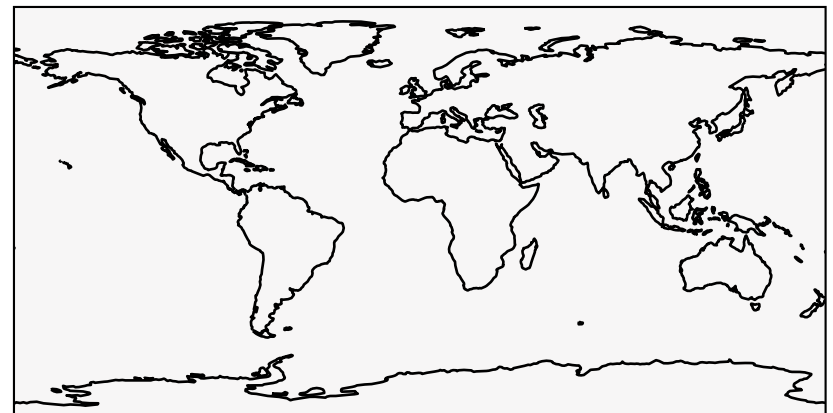
GCC_14.0.0_10yr (Dev)
4.0x5.0



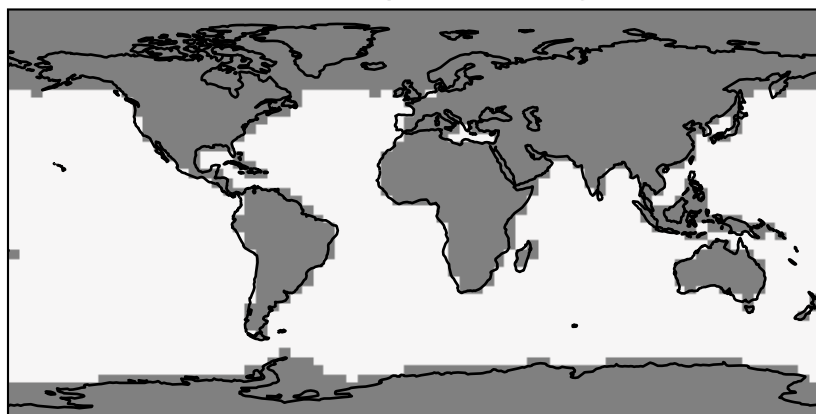
Difference
Dev - Ref, Dynamic Range



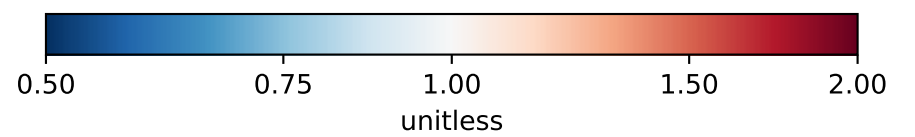
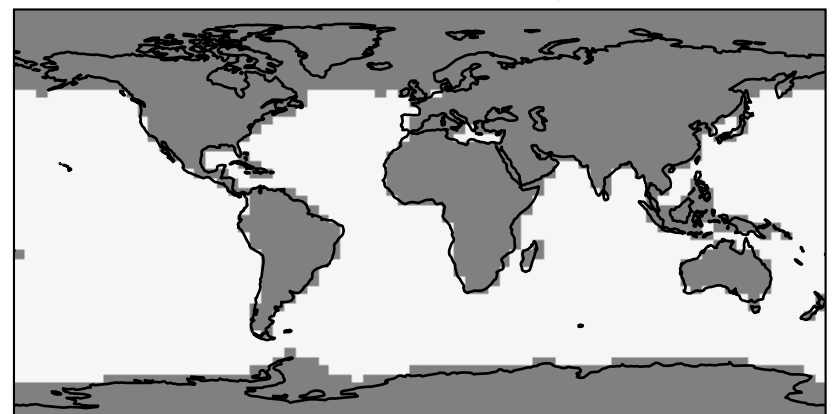
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

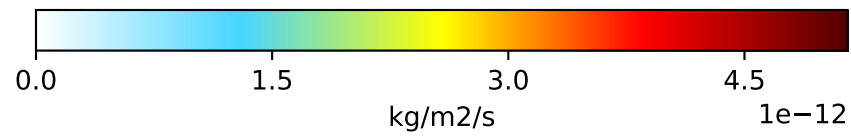
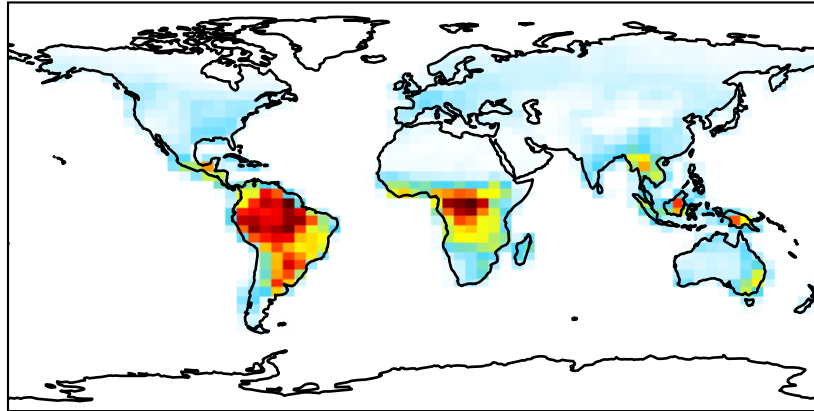


Ratio
Dev/Ref, Fixed Range

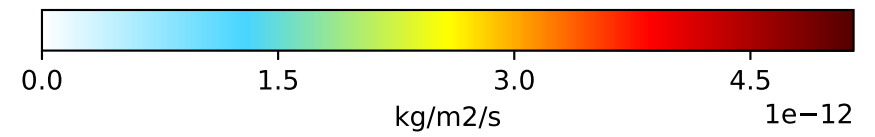
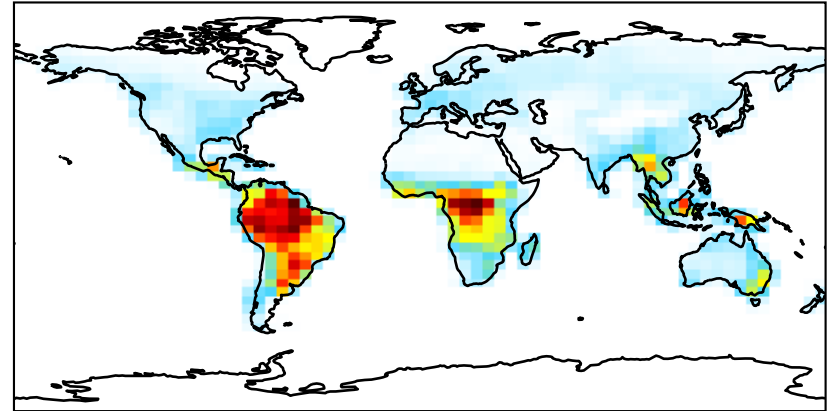


EmisALD2_PlantDecay (Jan2019)

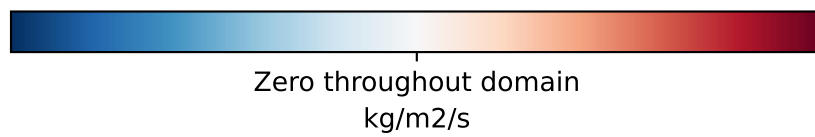
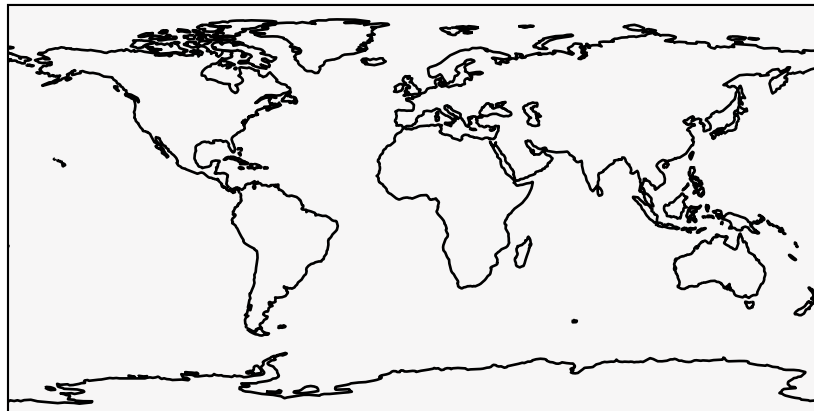
GCC_14.0.0_1yr (Ref)
4.0x5.0



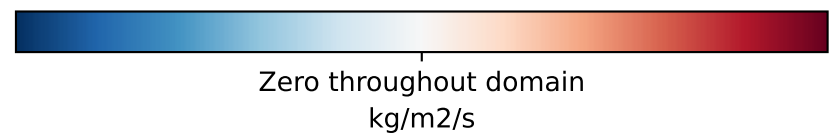
GCC_14.0.0_10yr (Dev)
4.0x5.0



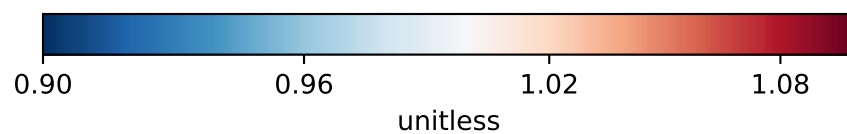
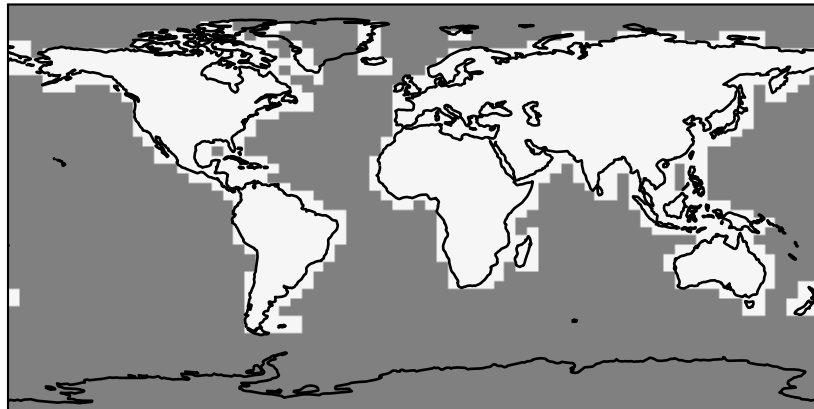
Difference
Dev - Ref, Dynamic Range



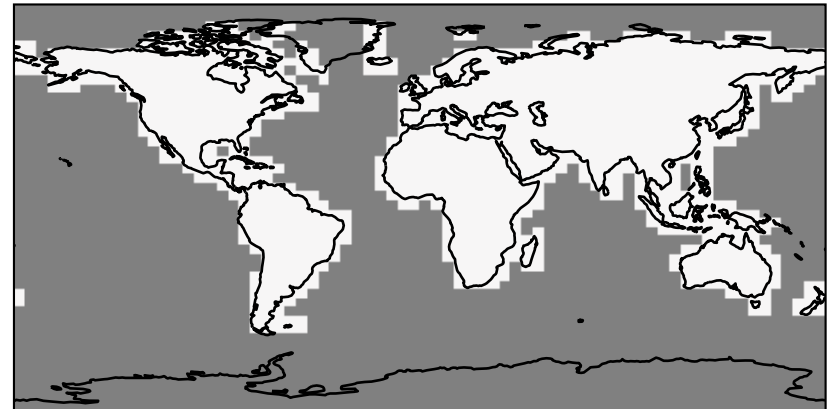
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

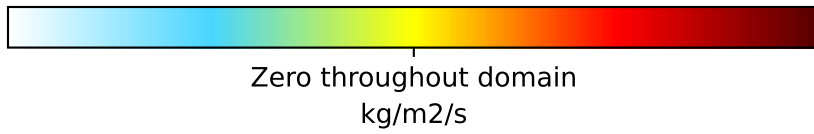
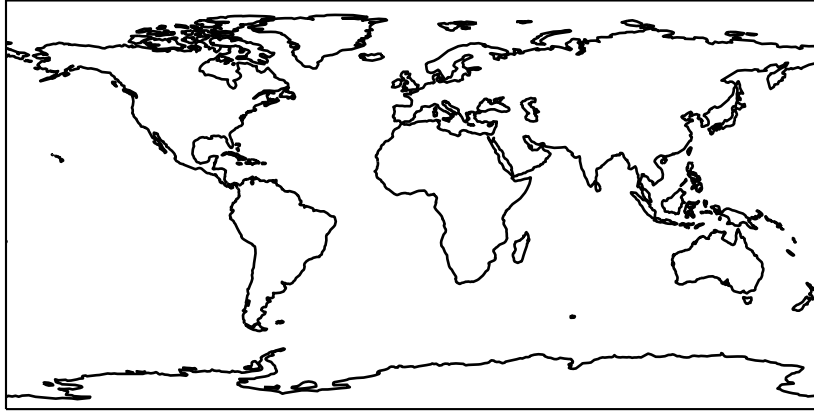


Ratio
Dev/Ref, Fixed Range

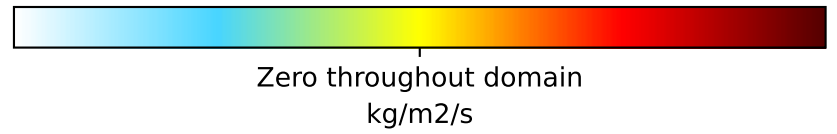
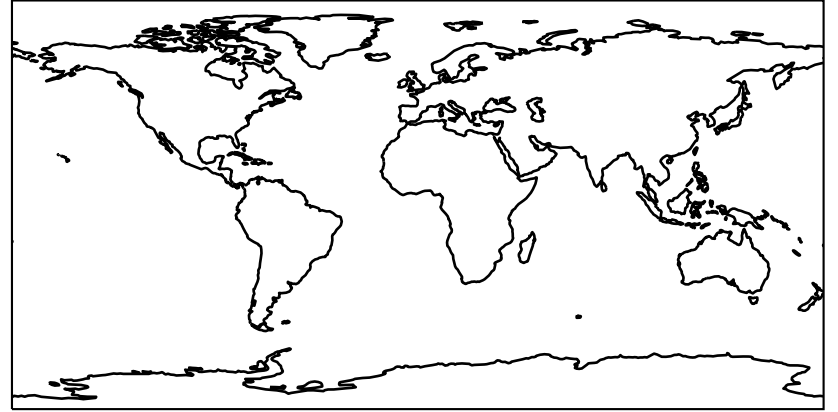


EmisALD2_Ship (Jan2019)

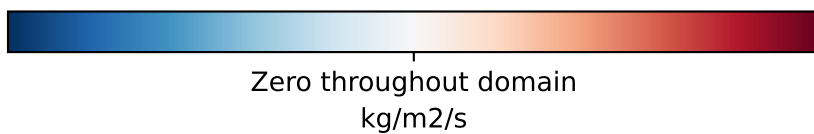
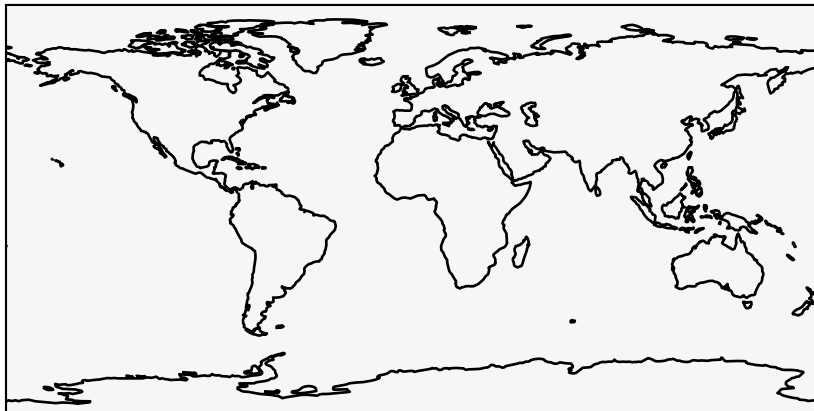
GCC_14.0.0_1yr (Ref)
4.0x5.0



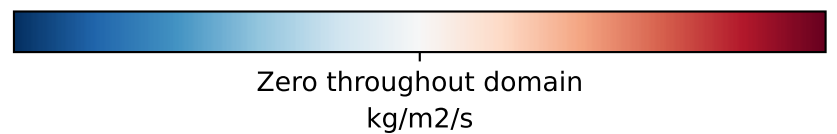
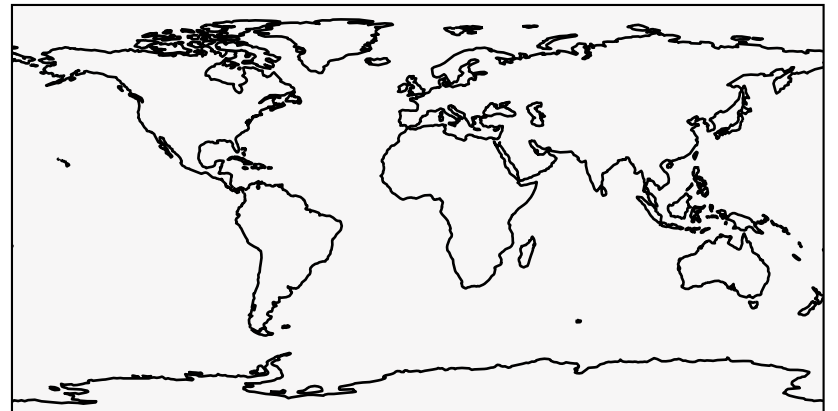
GCC_14.0.0_10yr (Dev)
4.0x5.0



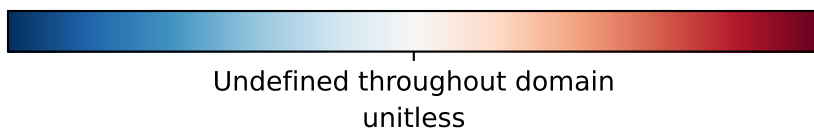
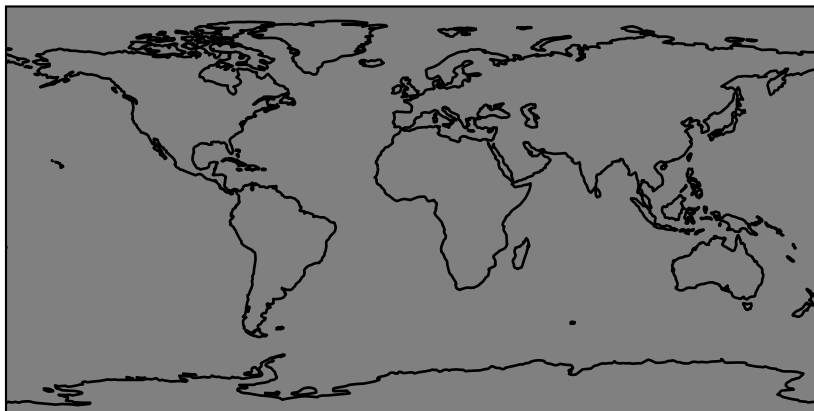
Difference
Dev - Ref, Dynamic Range



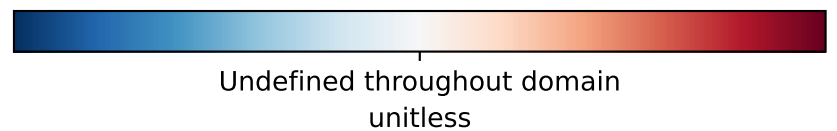
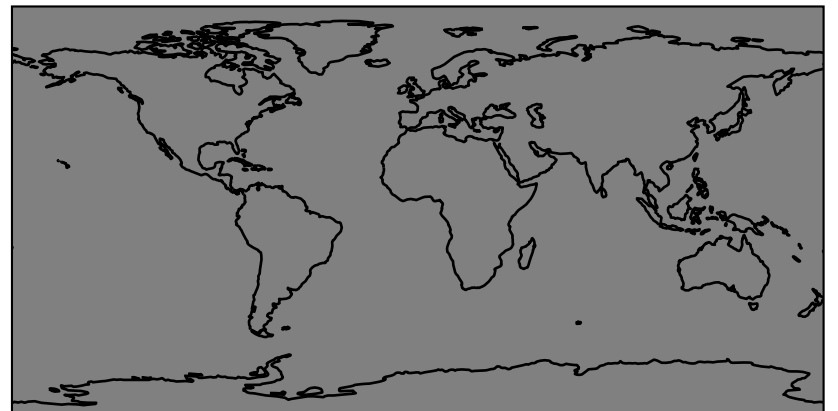
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

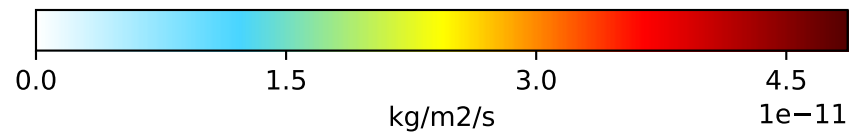
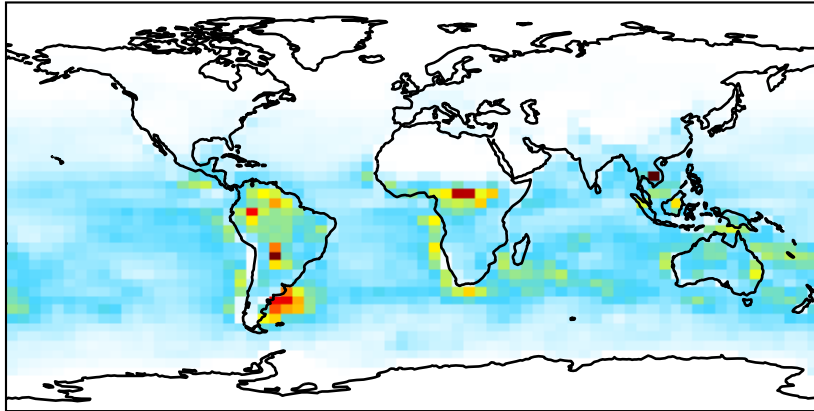


Ratio
Dev/Ref, Fixed Range

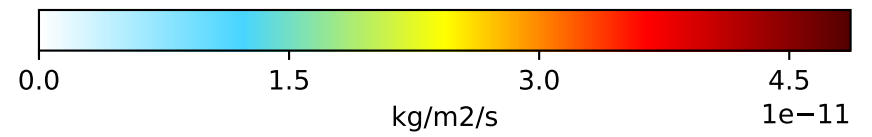
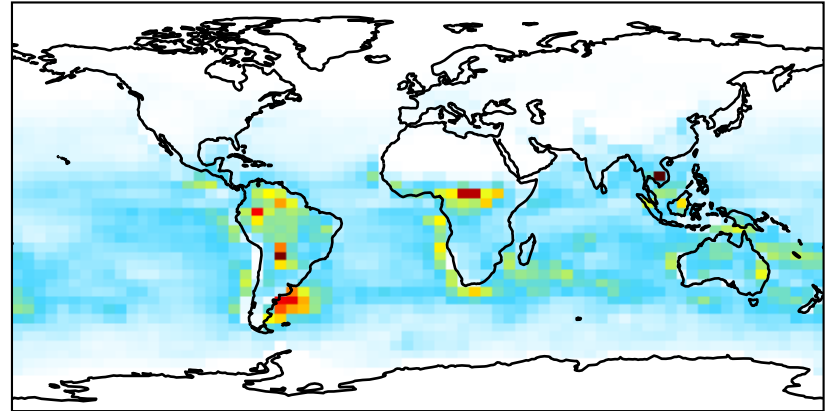


EmisALD2_Total (Jan2019)

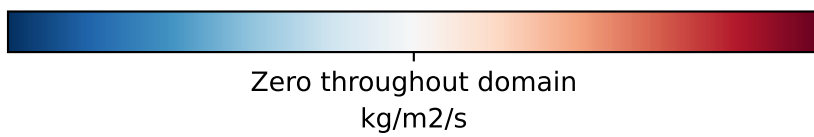
GCC_14.0.0_1yr (Ref)
4.0x5.0



GCC_14.0.0_10yr (Dev)
4.0x5.0



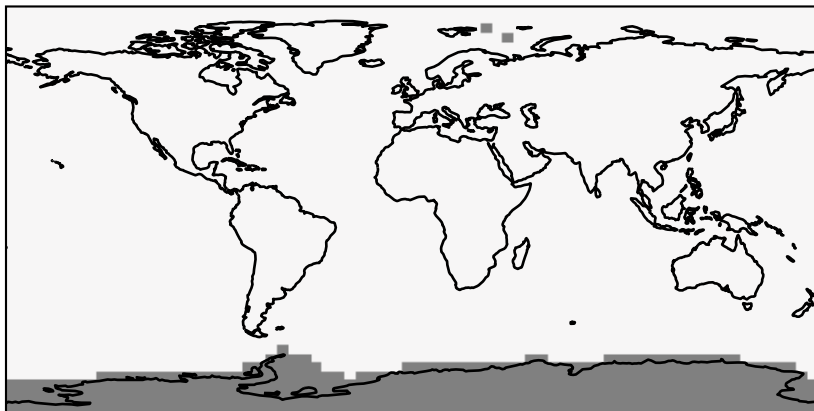
Difference
Dev - Ref, Dynamic Range



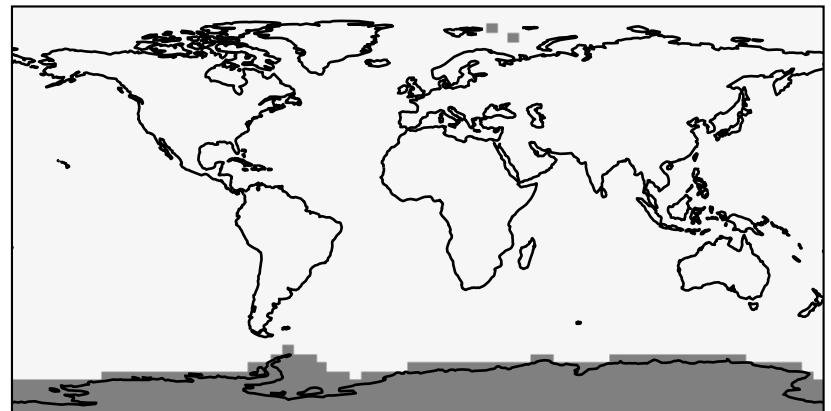
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

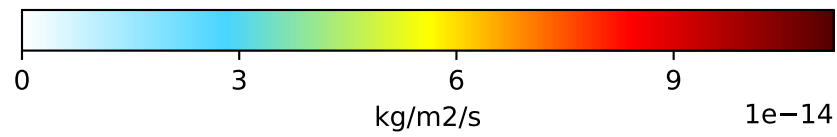
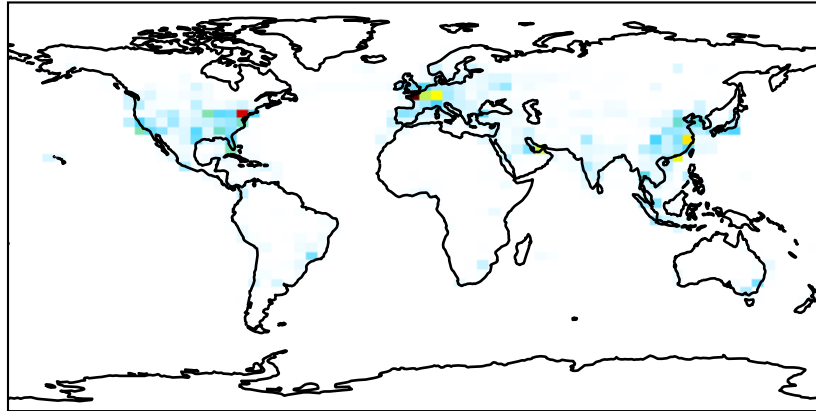


Ratio
Dev/Ref, Fixed Range

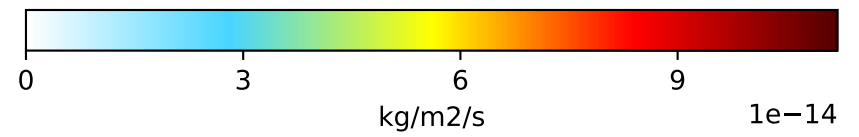
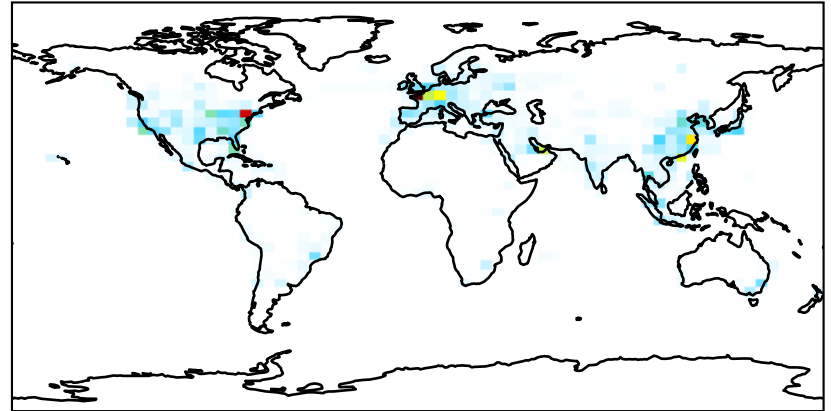


EmisCH2O_Aircraft (Jan2019)

GCC_14.0.0_1yr (Ref)
4.0x5.0



GCC_14.0.0_10yr (Dev)
4.0x5.0



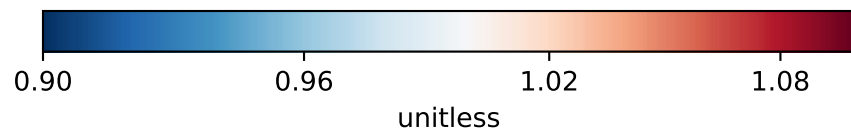
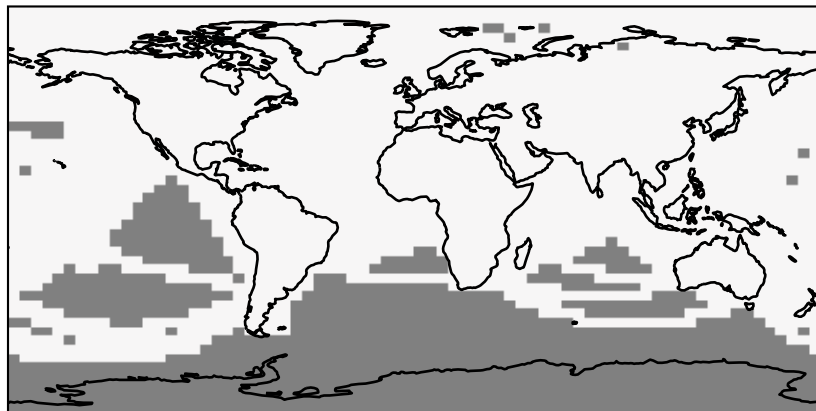
Difference
Dev - Ref, Dynamic Range



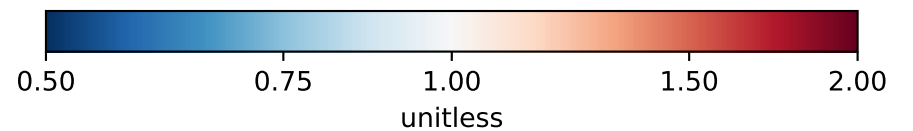
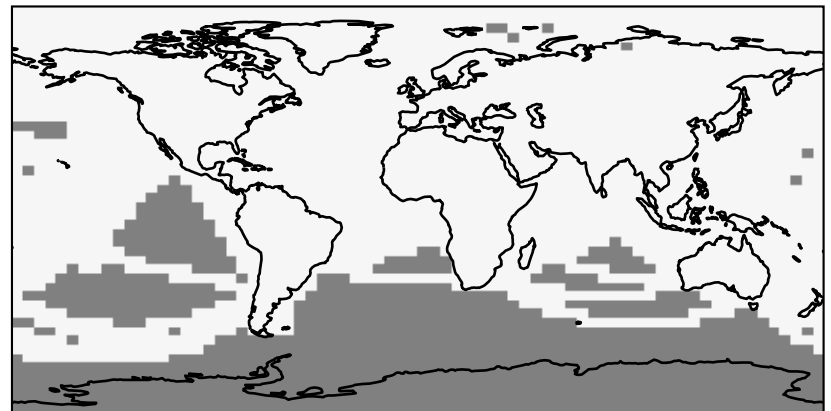
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

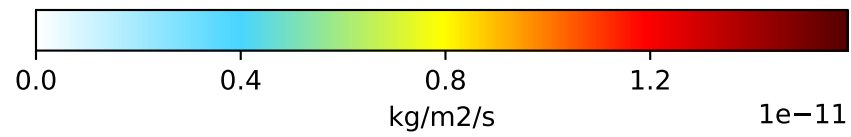
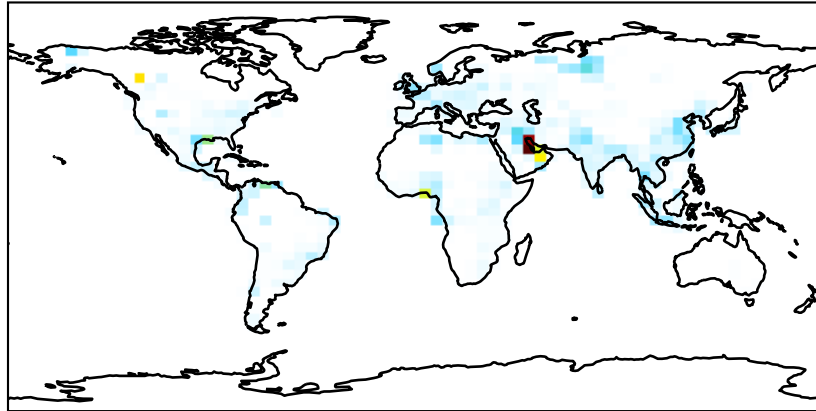


Ratio
Dev/Ref, Fixed Range

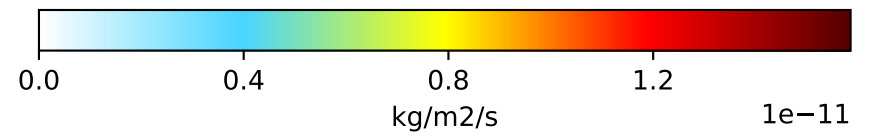
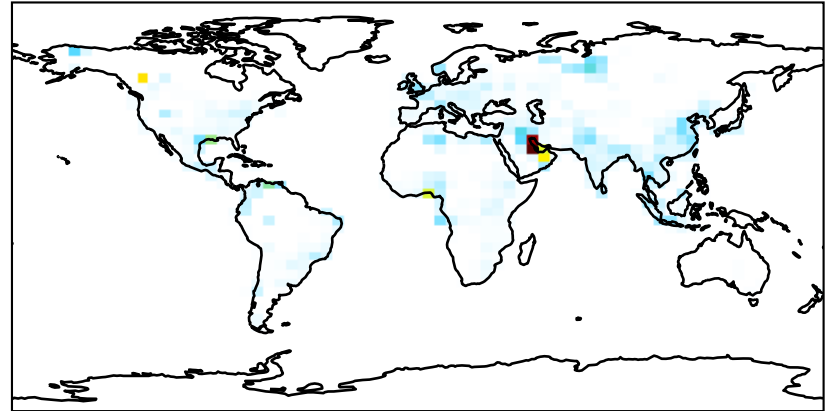


EmisCH20_Anthro (Jan2019)

GCC_14.0.0_1yr (Ref)
4.0x5.0



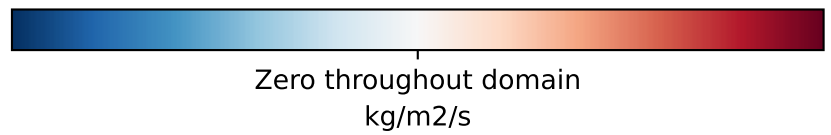
GCC_14.0.0_10yr (Dev)
4.0x5.0



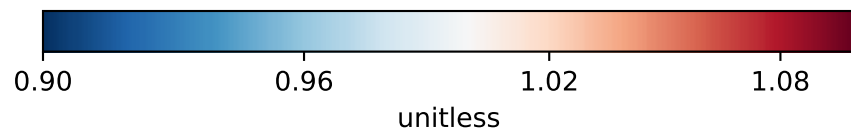
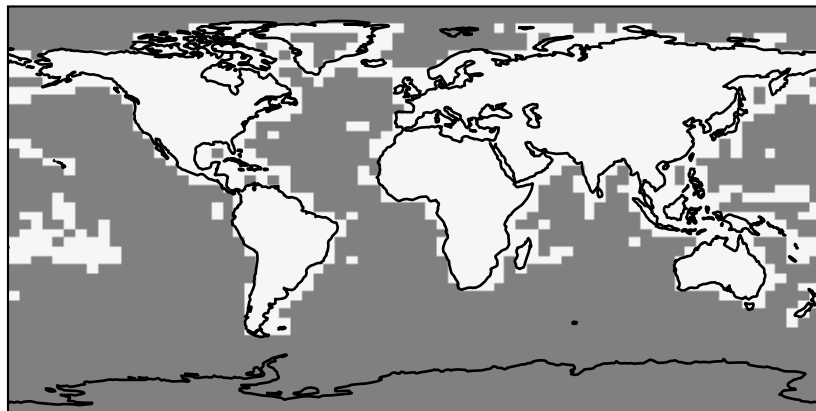
Difference
Dev - Ref, Dynamic Range



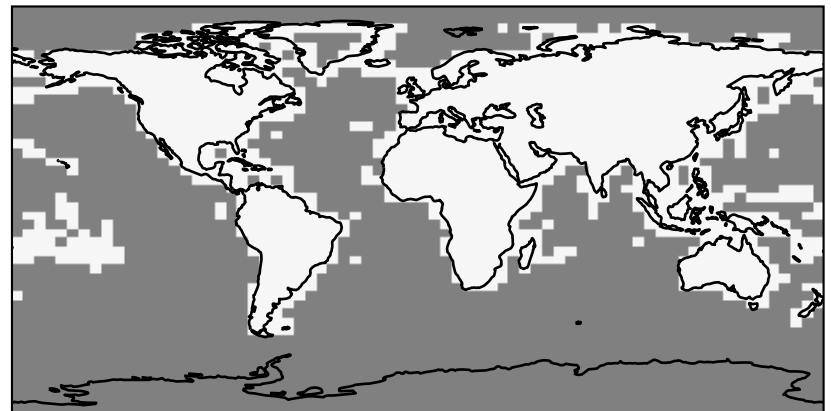
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

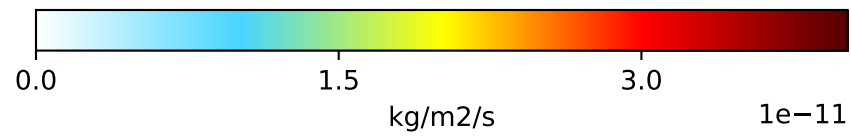
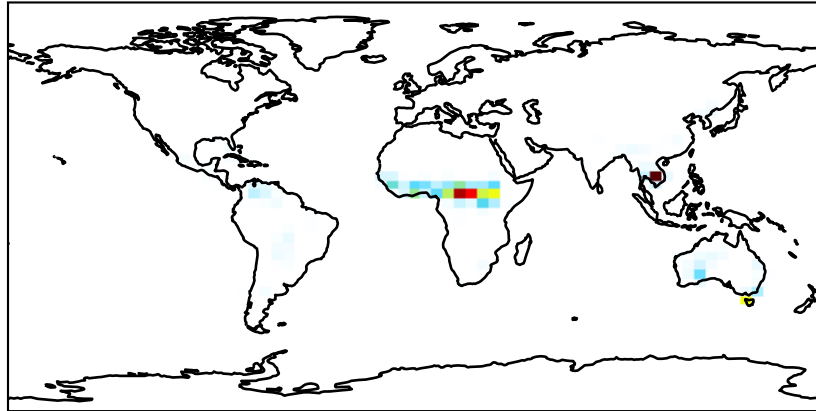


Ratio
Dev/Ref, Fixed Range

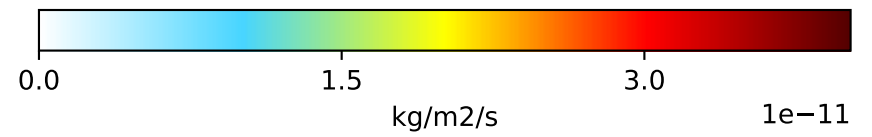
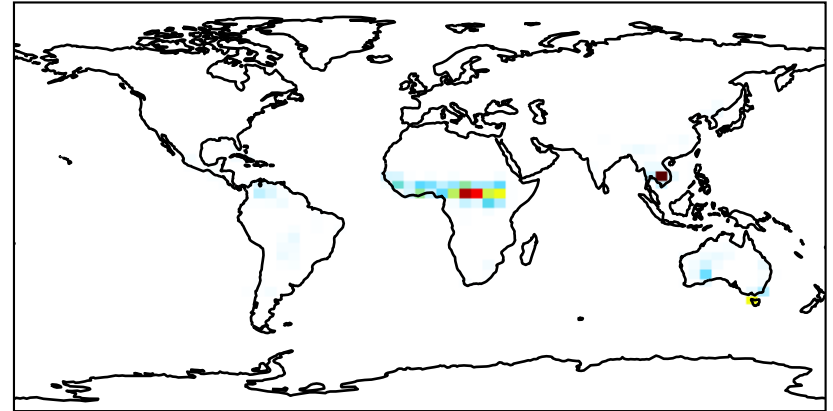


EmisCH2O_BioBurn (Jan2019)

GCC_14.0.0_1yr (Ref)
4.0x5.0



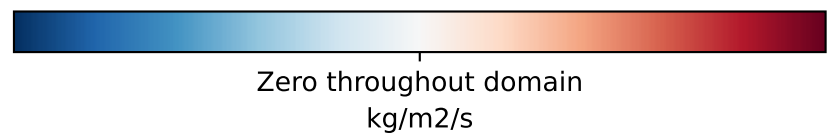
GCC_14.0.0_10yr (Dev)
4.0x5.0



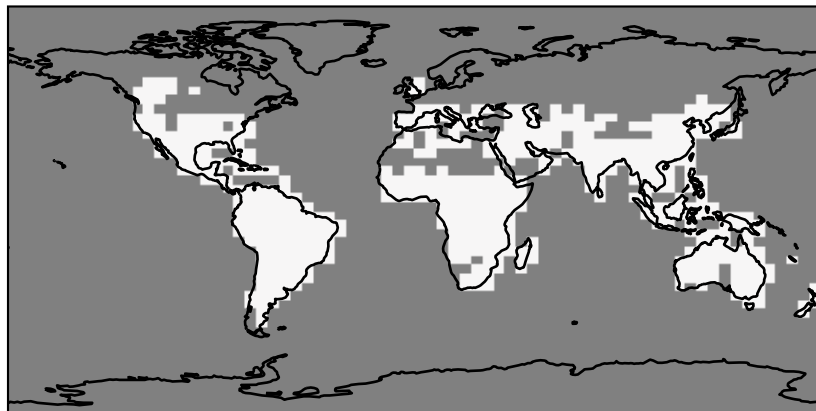
Difference
Dev - Ref, Dynamic Range



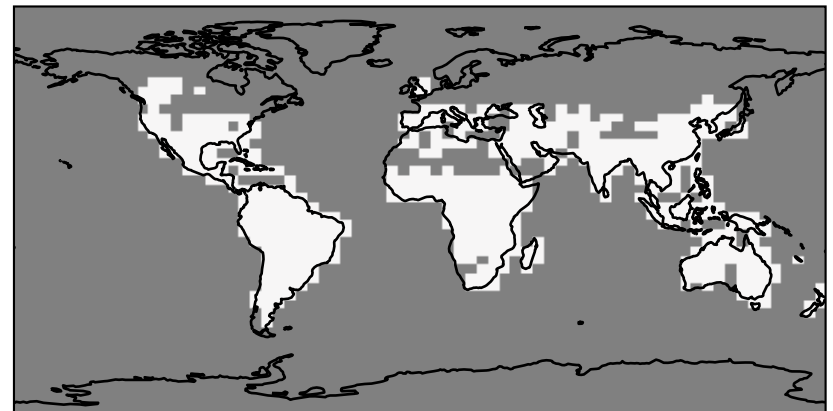
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range



Ratio
Dev/Ref, Fixed Range



EmisCH2O_Ship (Jan2019)

GCC_14.0.0_1yr (Ref)
4.0x5.0



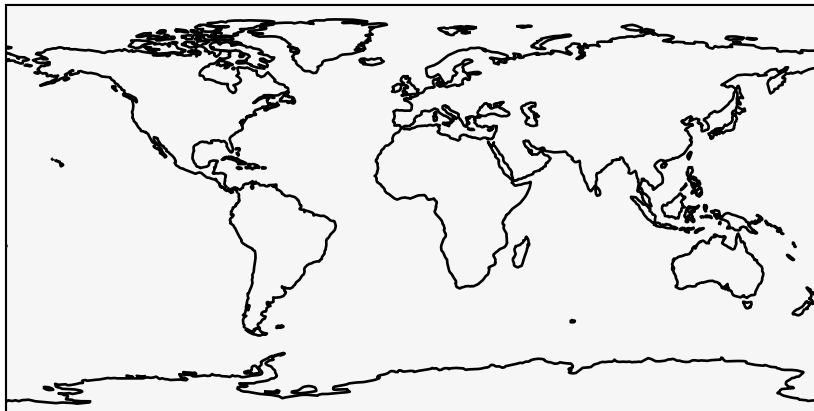
Zero throughout domain
kg/m2/s

GCC_14.0.0_10yr (Dev)
4.0x5.0



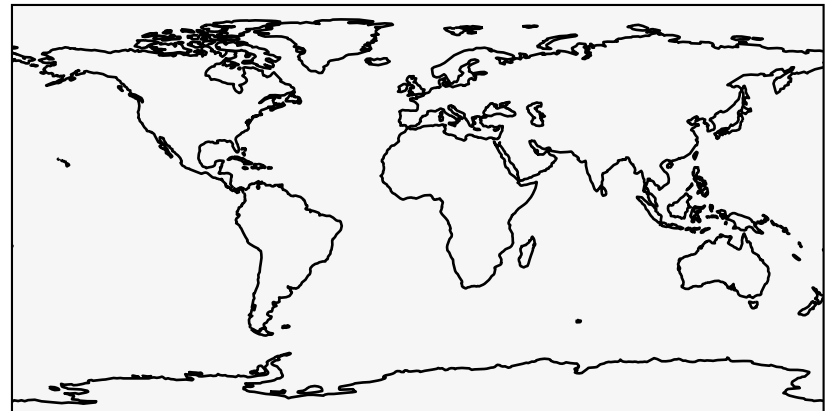
Zero throughout domain
kg/m2/s

Difference
Dev - Ref, Dynamic Range



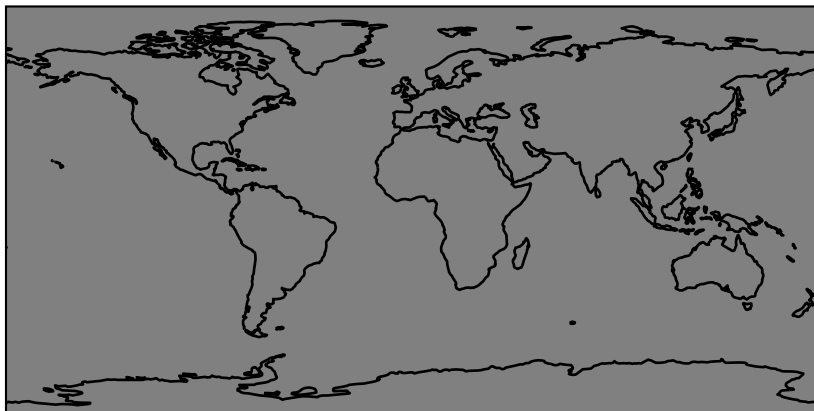
Zero throughout domain
kg/m2/s

Difference
Dev - Ref, Restricted Range [5%,95%]



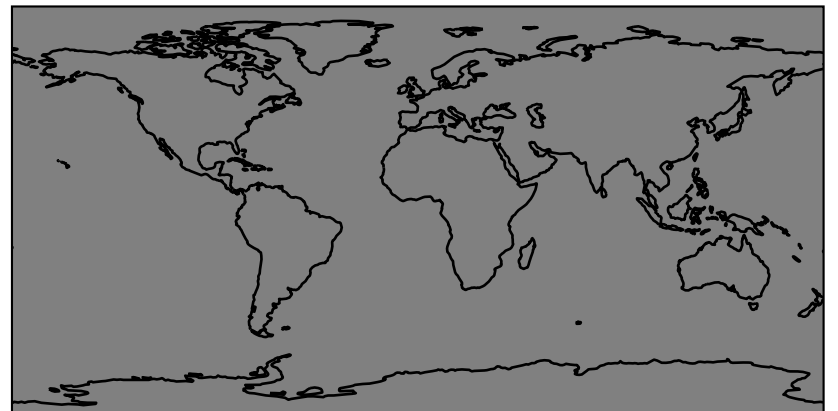
Zero throughout domain
kg/m2/s

Ratio
Dev/Ref, Dynamic Range



Undefined throughout domain
unitless

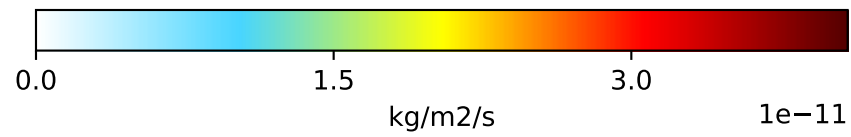
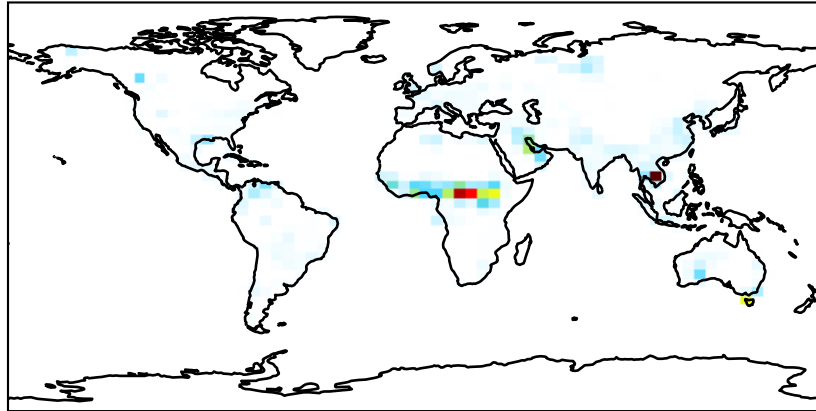
Ratio
Dev/Ref, Fixed Range



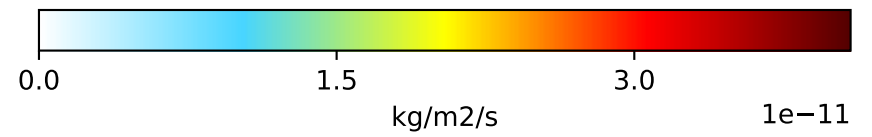
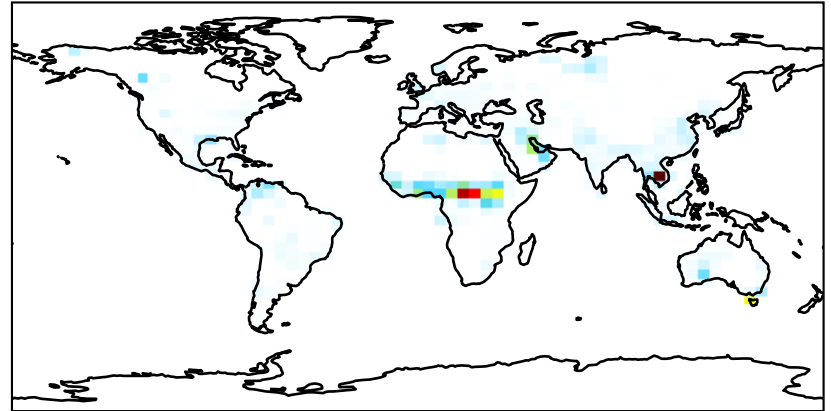
Undefined throughout domain
unitless

EmisCH2O_Total (Jan2019)

GCC_14.0.0_1yr (Ref)
4.0x5.0



GCC_14.0.0_10yr (Dev)
4.0x5.0



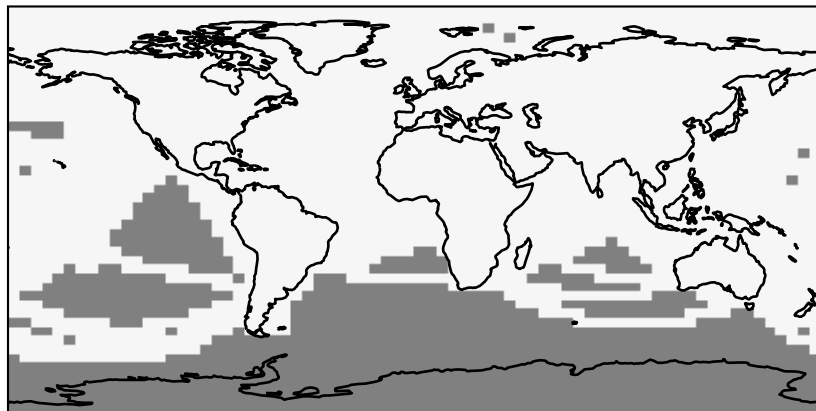
Difference
Dev - Ref, Dynamic Range



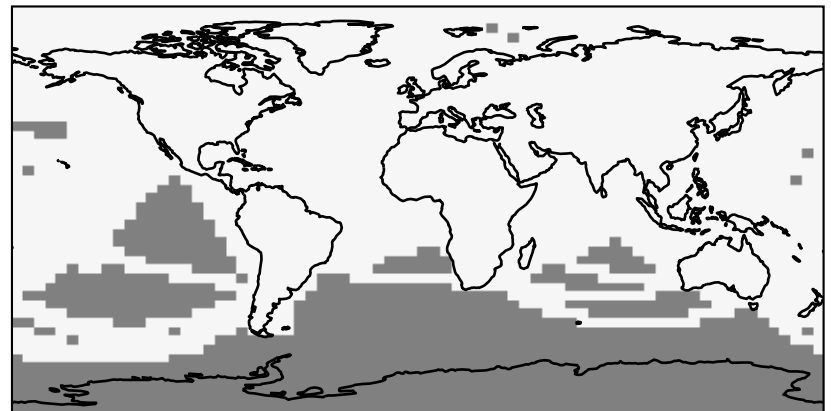
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

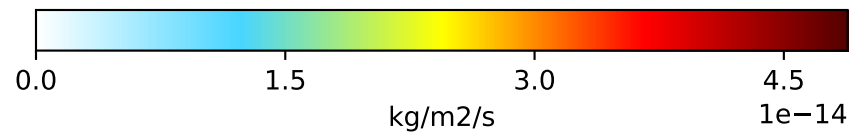
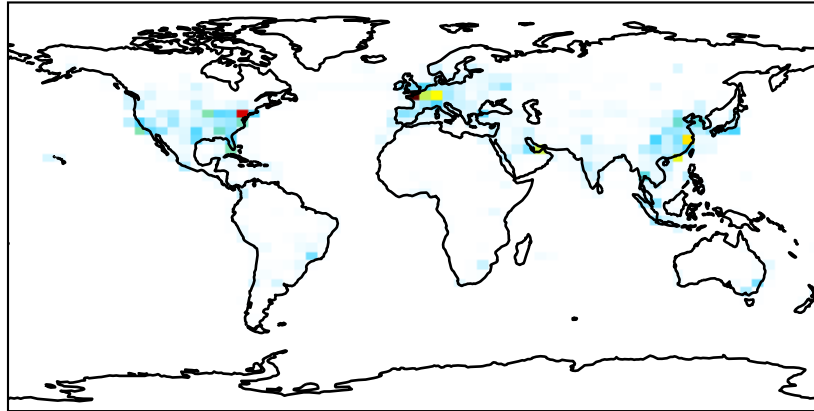


Ratio
Dev/Ref, Fixed Range

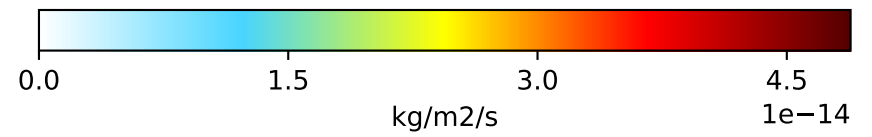
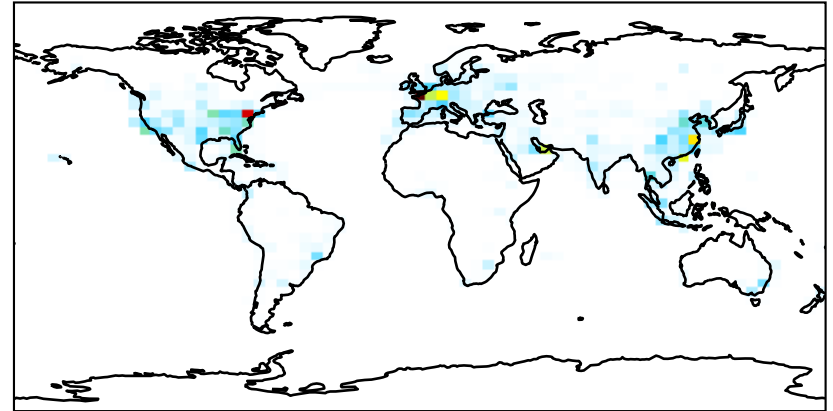


EmisMACR_Aircraft (Jan2019)

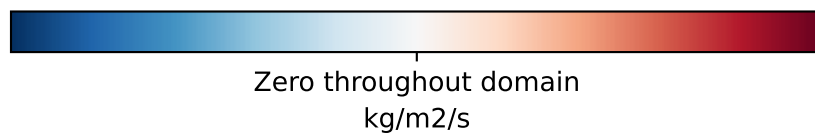
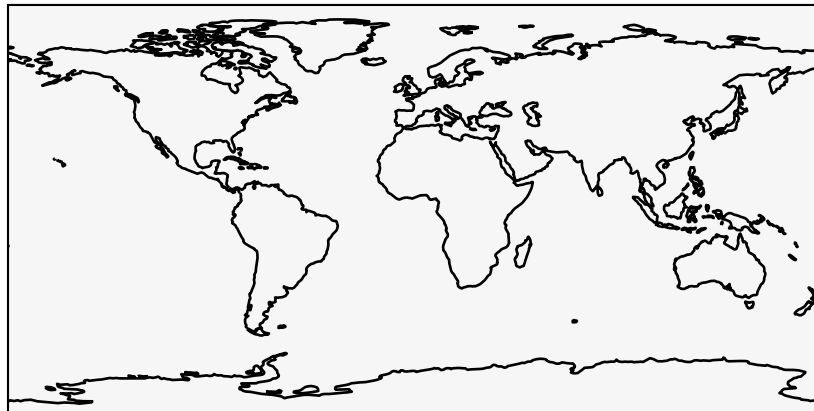
GCC_14.0.0_1yr (Ref)
4.0x5.0



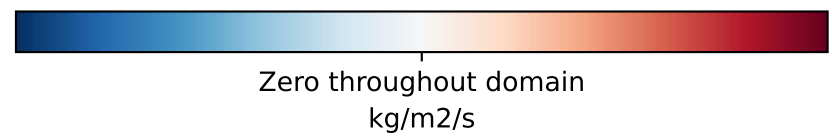
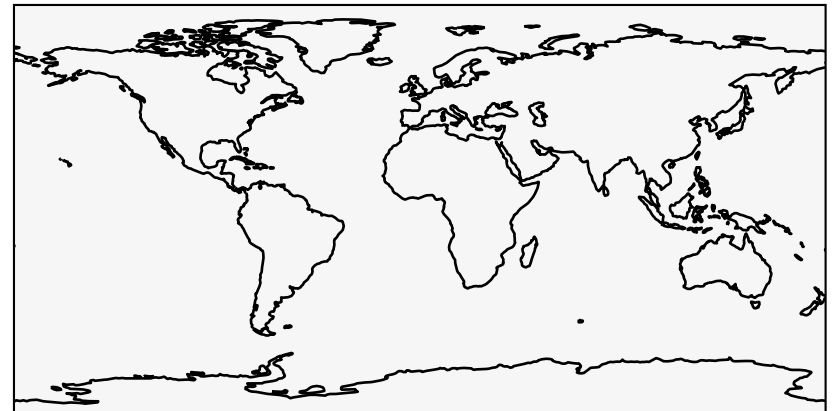
GCC_14.0.0_10yr (Dev)
4.0x5.0



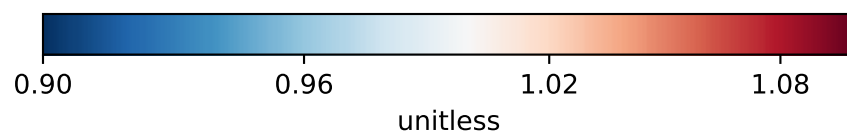
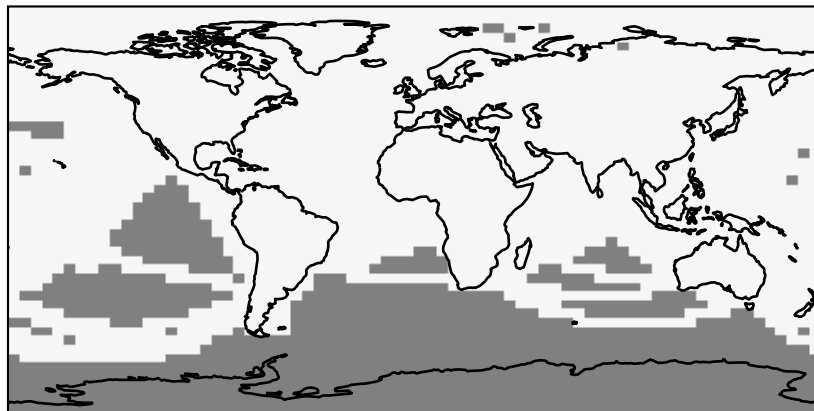
Difference
Dev - Ref, Dynamic Range



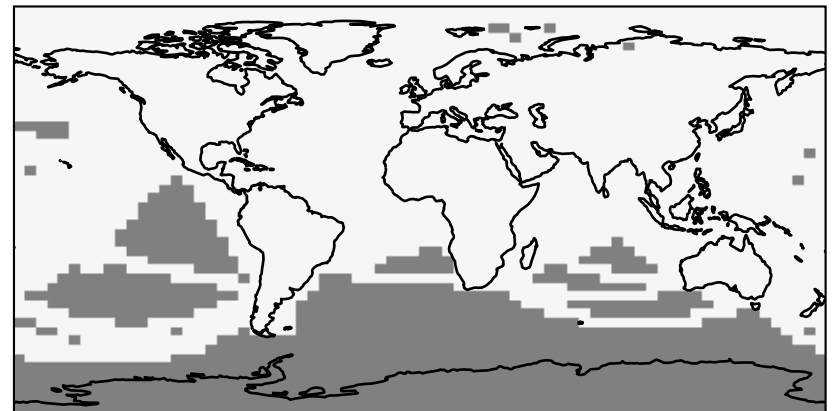
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

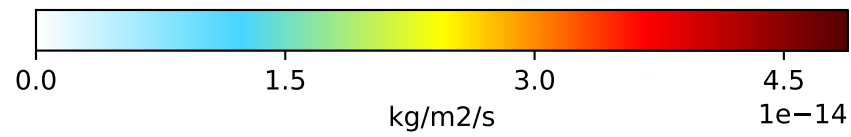
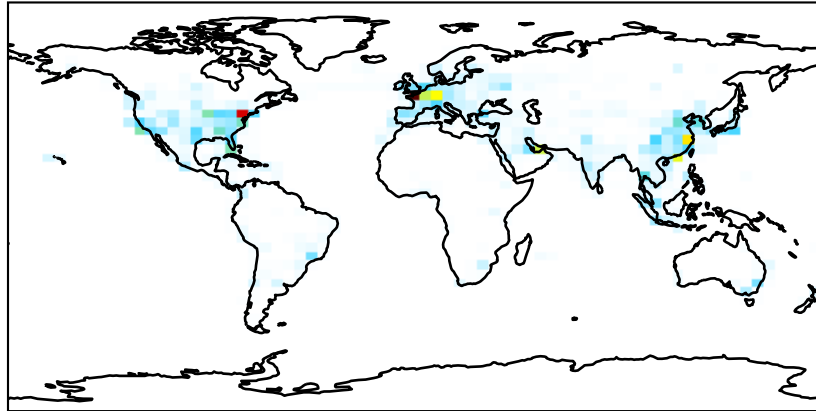


Ratio
Dev/Ref, Fixed Range

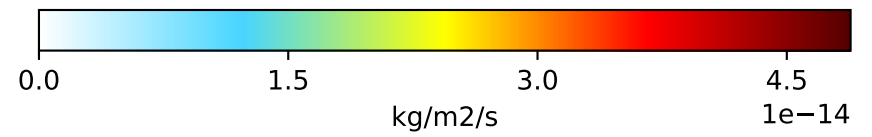
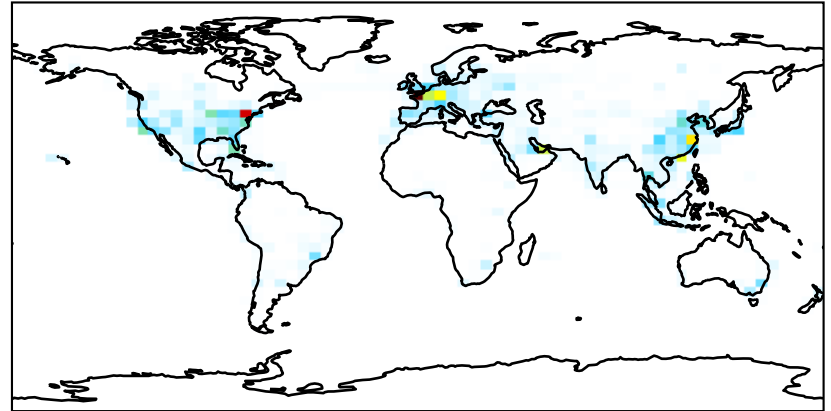


EmisMACR_Total (Jan2019)

GCC_14.0.0_1yr (Ref)
4.0x5.0



GCC_14.0.0_10yr (Dev)
4.0x5.0



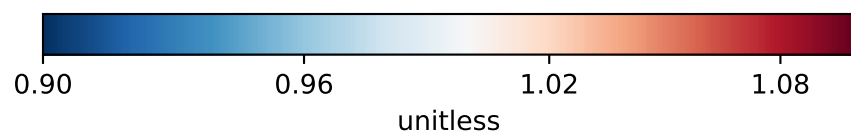
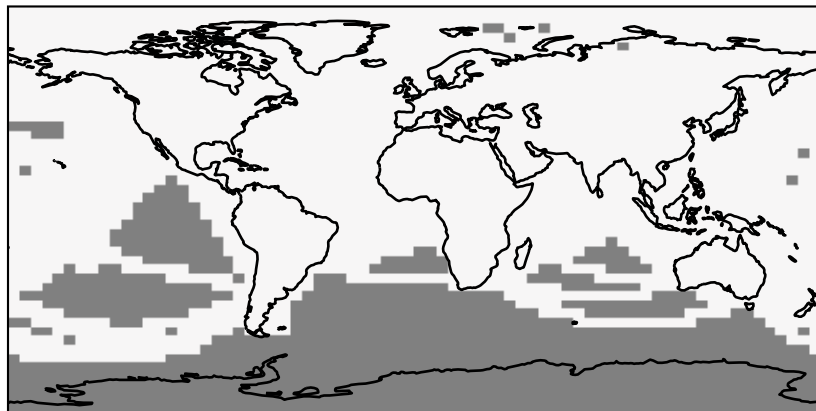
Difference
Dev - Ref, Dynamic Range



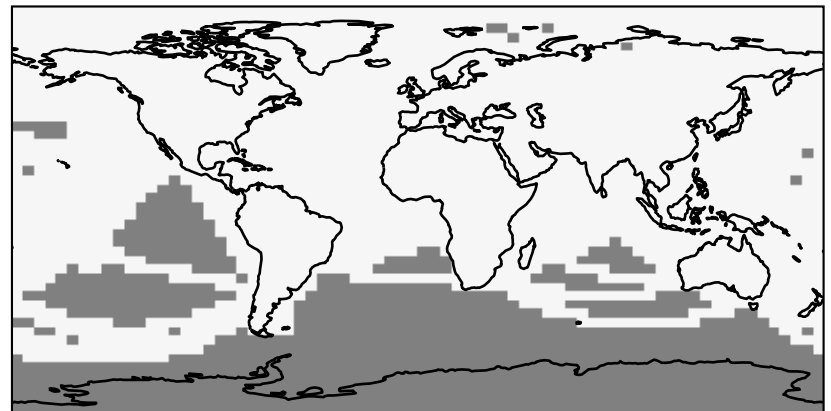
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

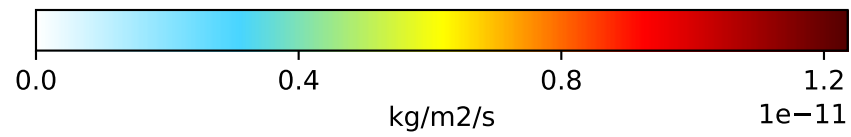
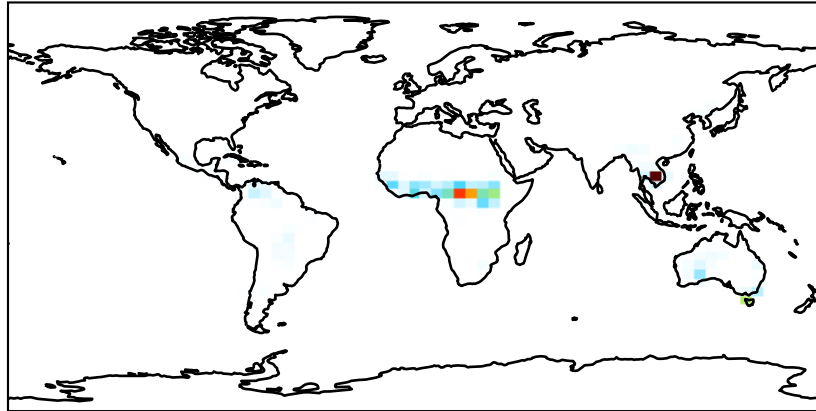


Ratio
Dev/Ref, Fixed Range

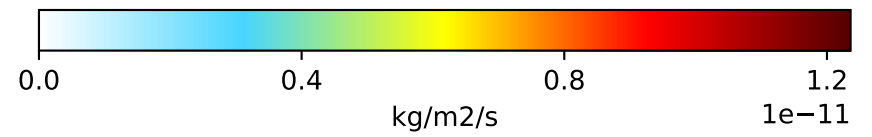
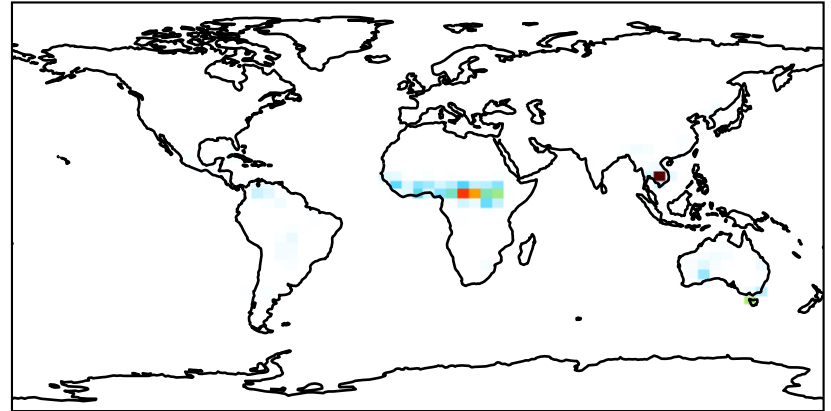


EmisACET_BioBurn (Jan2019)

GCC_14.0.0_1yr (Ref)
4.0x5.0



GCC_14.0.0_10yr (Dev)
4.0x5.0



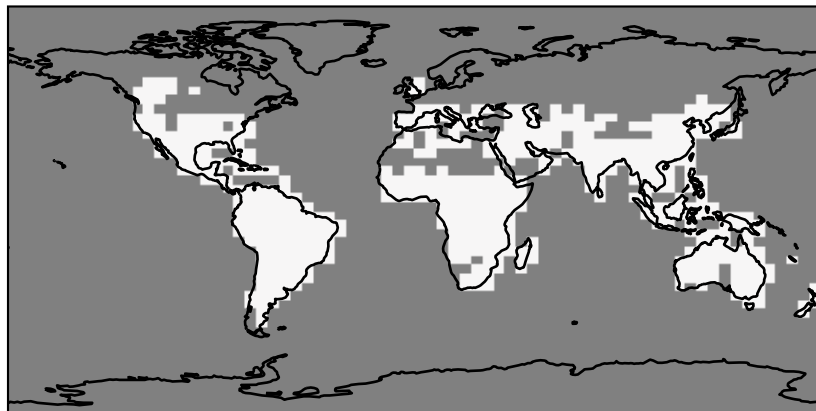
Difference
Dev - Ref, Dynamic Range



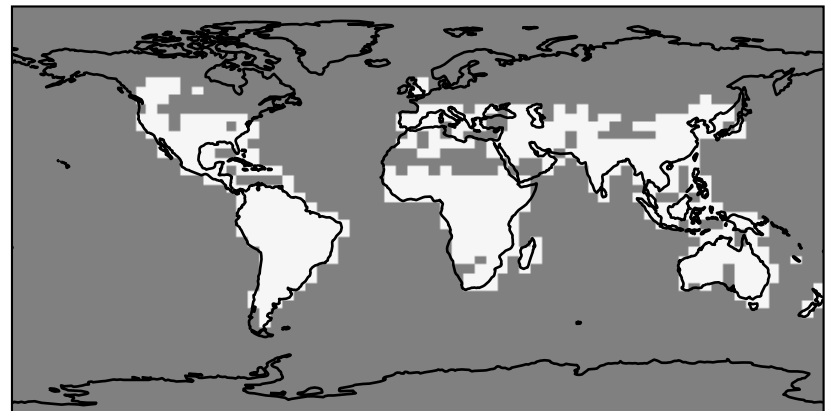
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

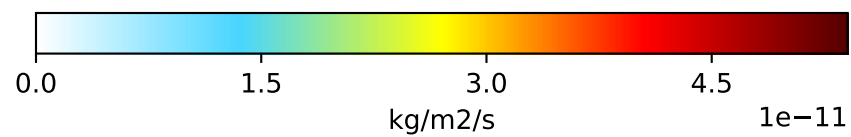
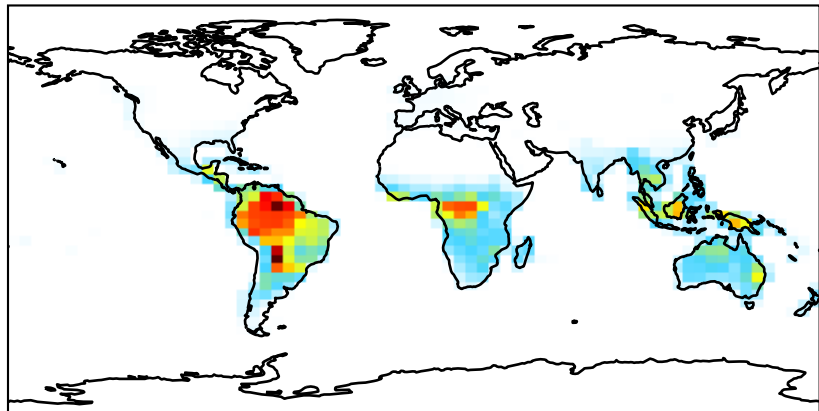


Ratio
Dev/Ref, Fixed Range

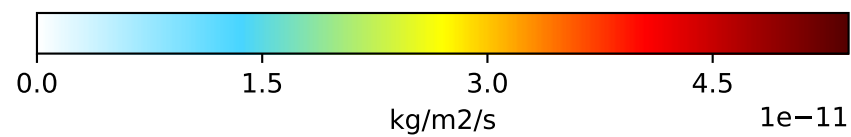
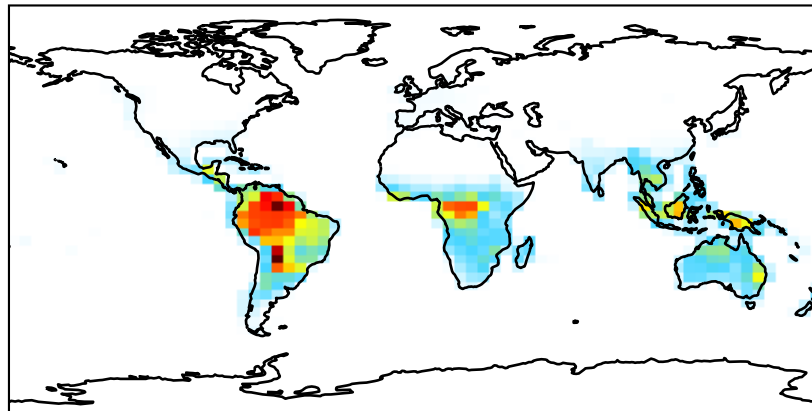


EmisACET_Biogenic (Jan2019)

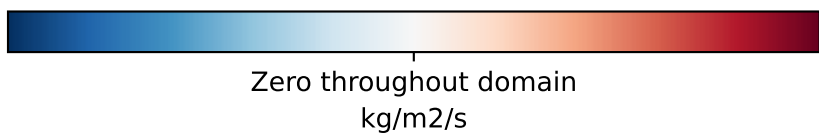
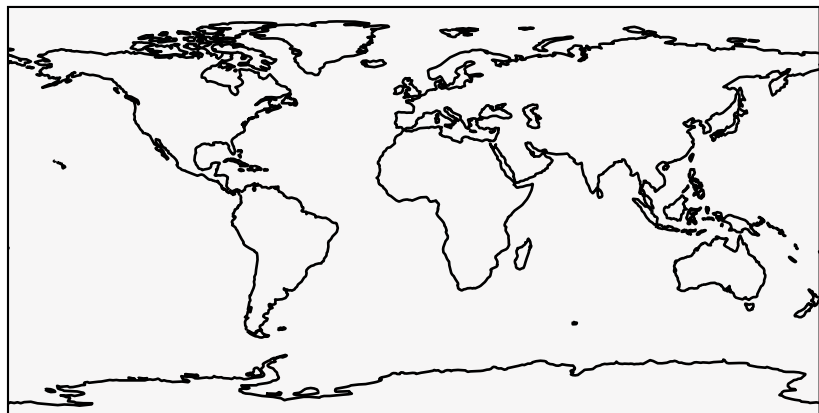
GCC_14.0.0_1yr (Ref)
4.0x5.0



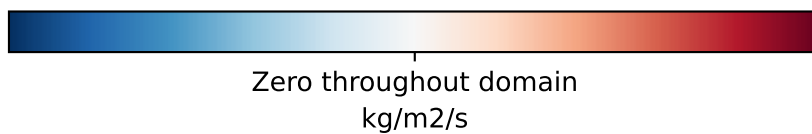
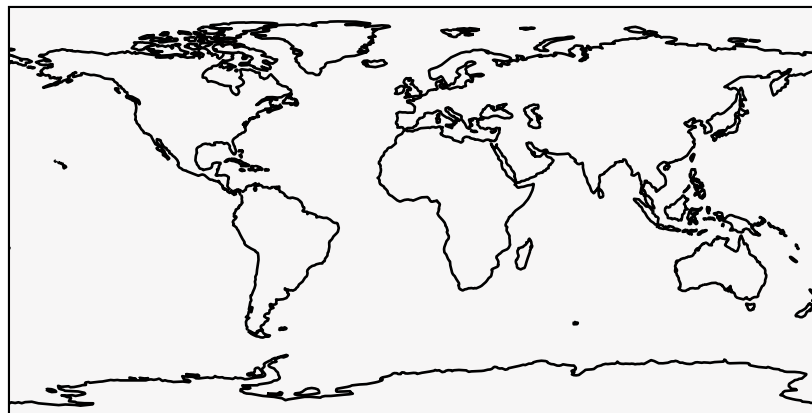
GCC_14.0.0_10yr (Dev)
4.0x5.0



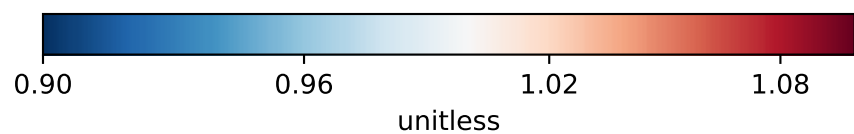
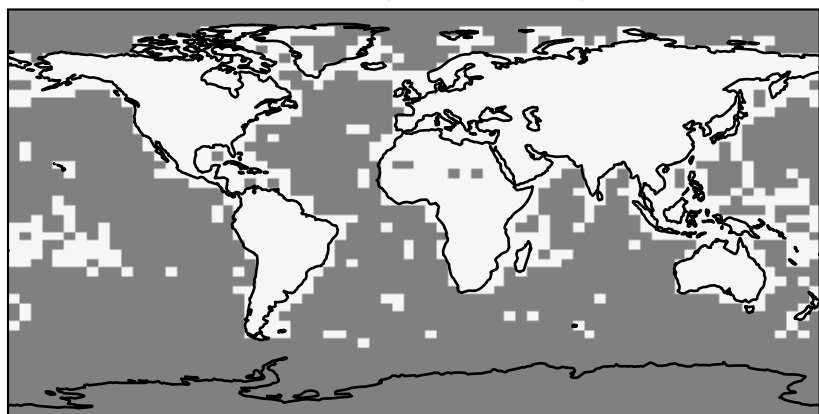
Difference
Dev - Ref, Dynamic Range



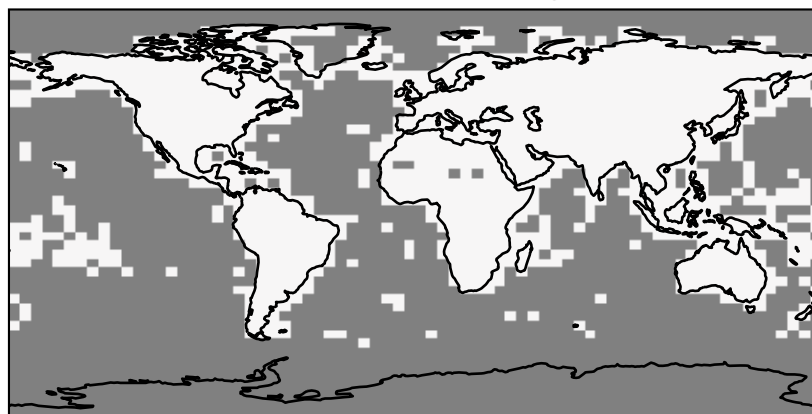
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

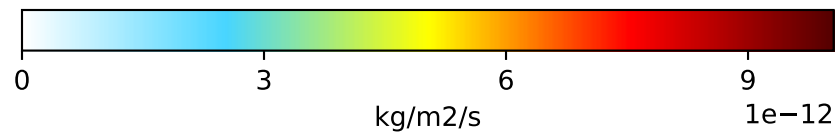
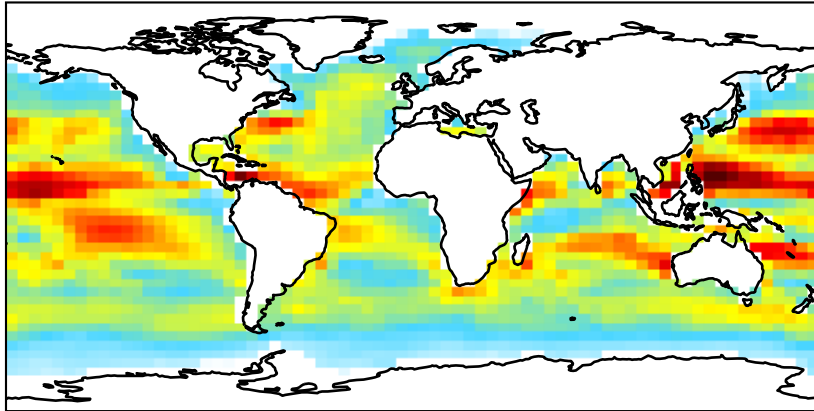


Ratio
Dev/Ref, Fixed Range

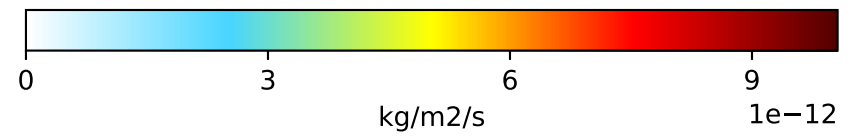
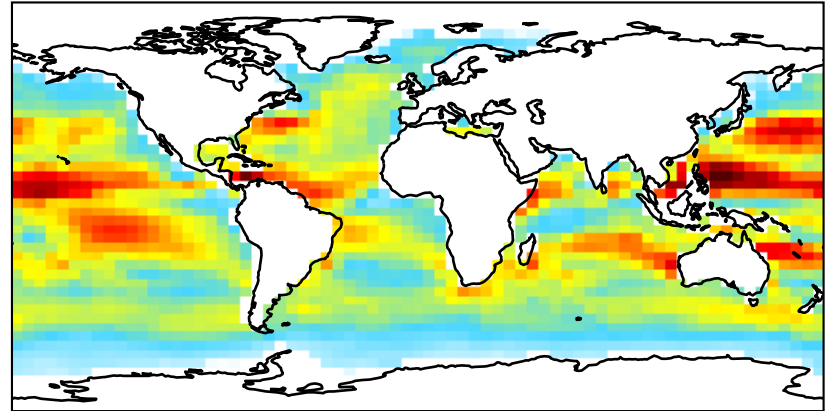


EmisACET_Ocean (Jan2019)

GCC_14.0.0_1yr (Ref)
4.0x5.0



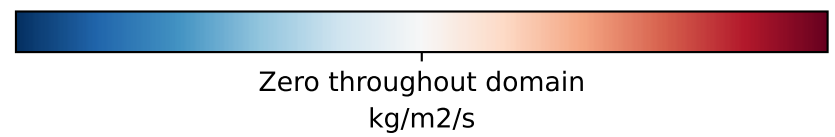
GCC_14.0.0_10yr (Dev)
4.0x5.0



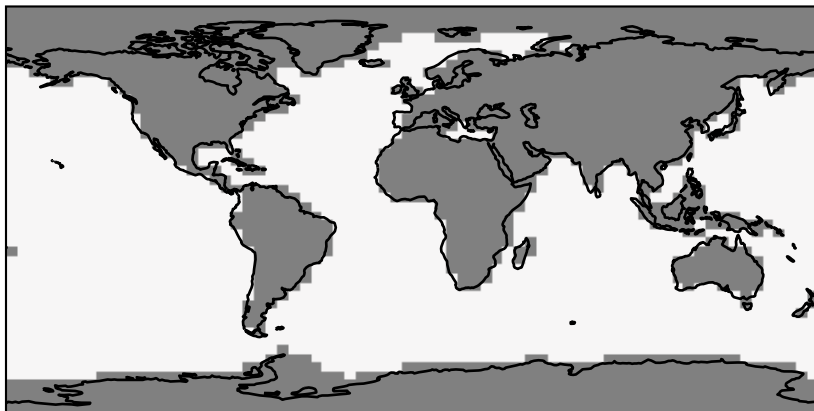
Difference
Dev - Ref, Dynamic Range



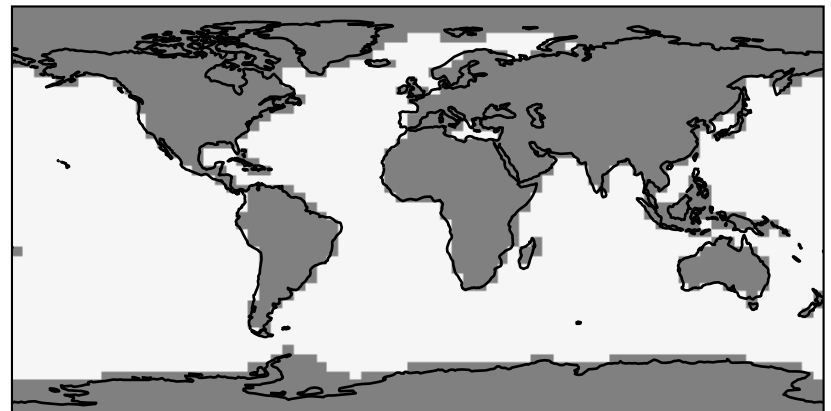
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

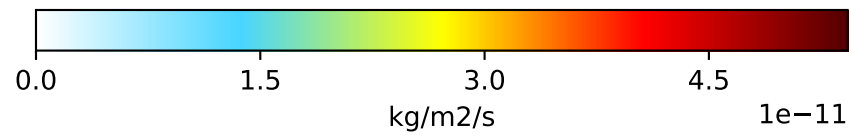
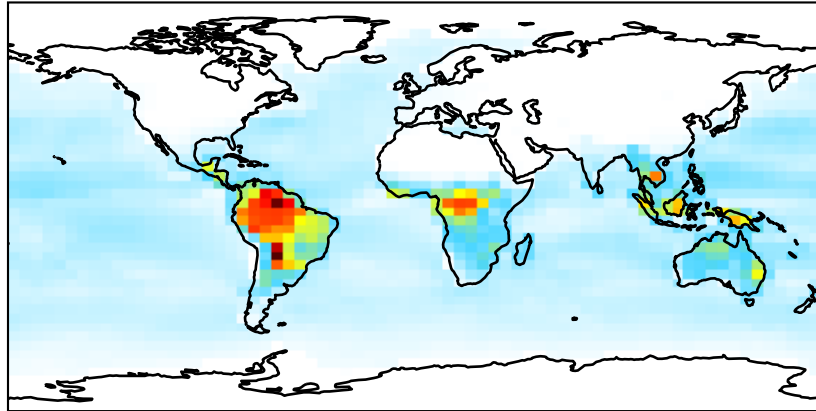


Ratio
Dev/Ref, Fixed Range

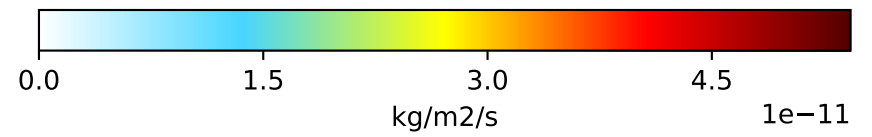
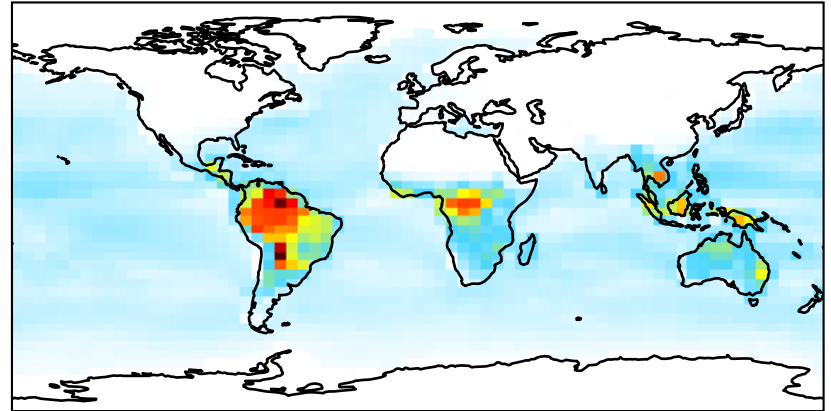


EmisACET_Total (Jan2019)

GCC_14.0.0_1yr (Ref)
4.0x5.0



GCC_14.0.0_10yr (Dev)
4.0x5.0



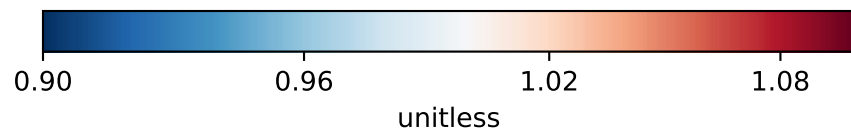
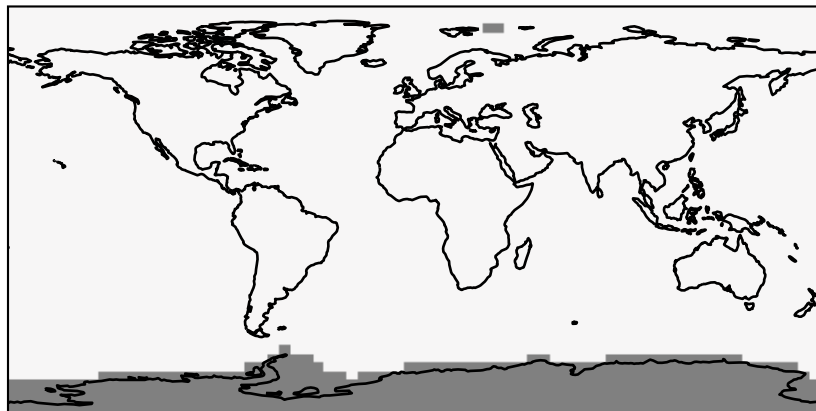
Difference
Dev - Ref, Dynamic Range



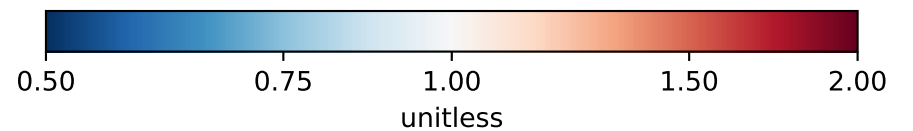
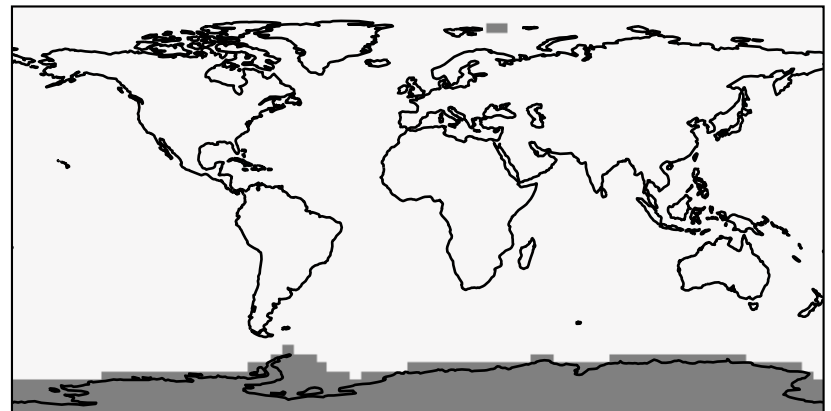
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

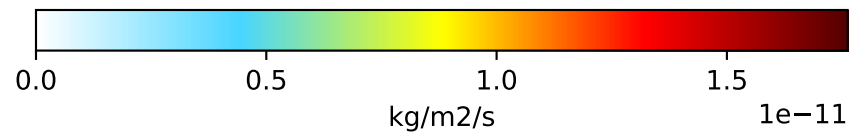
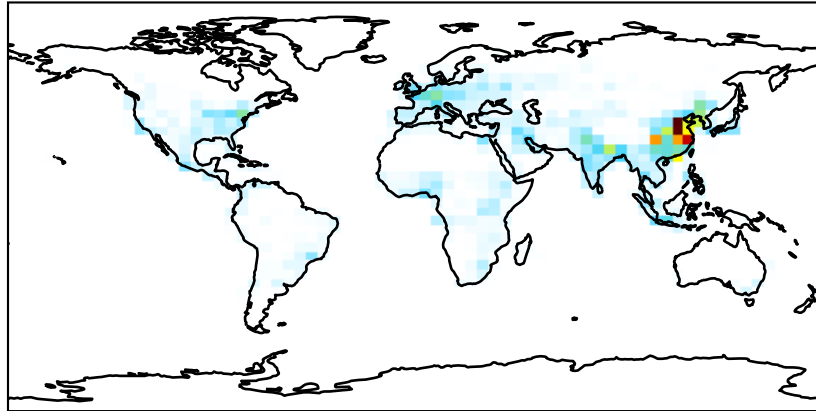


Ratio
Dev/Ref, Fixed Range

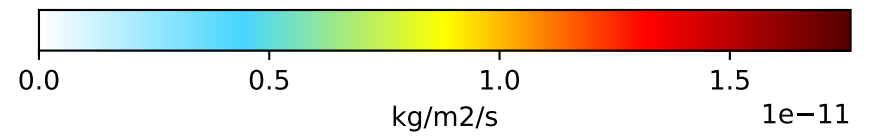
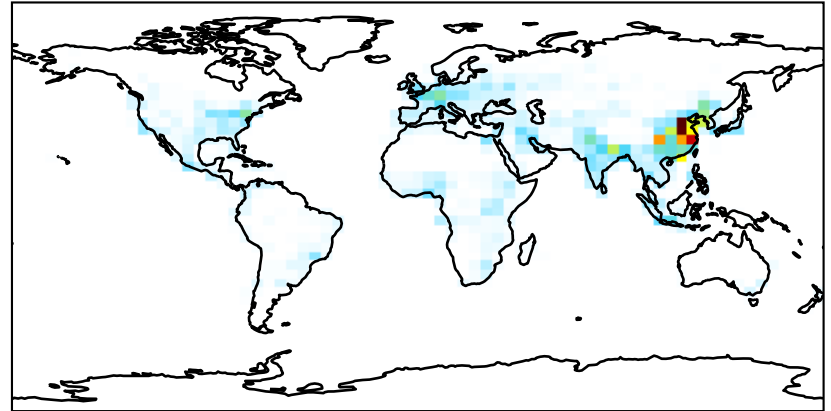


EmisMEK_Anthro (Jan2019)

GCC_14.0.0_1yr (Ref)
4.0x5.0



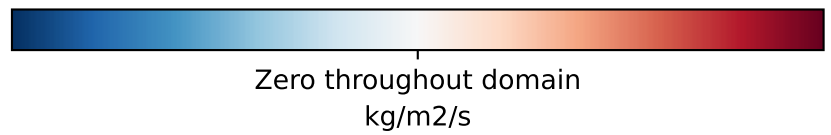
GCC_14.0.0_10yr (Dev)
4.0x5.0



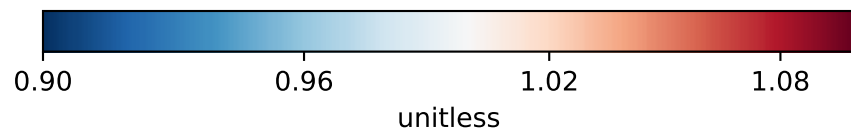
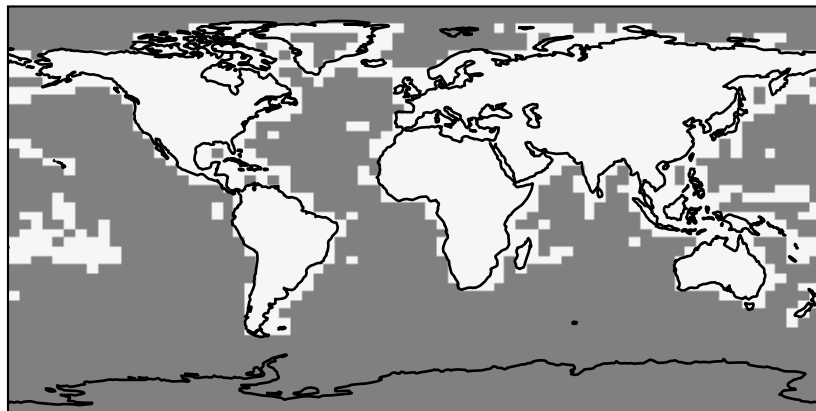
Difference
Dev - Ref, Dynamic Range



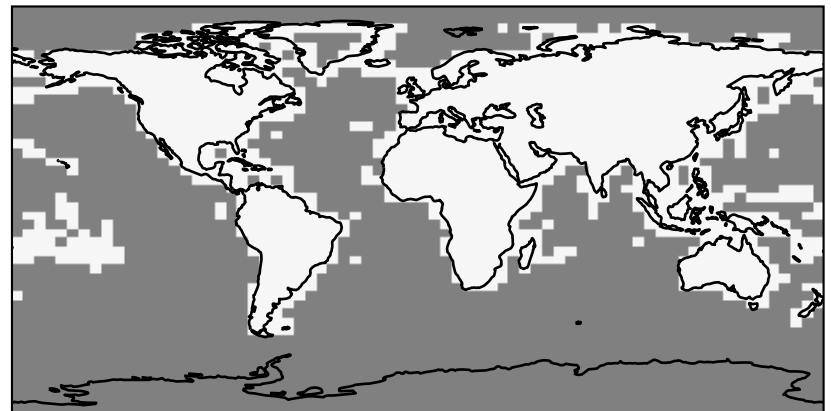
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

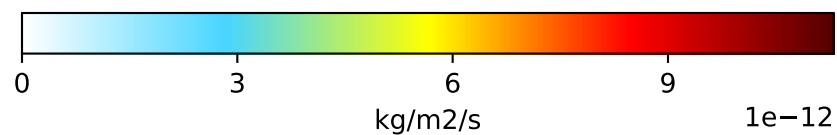
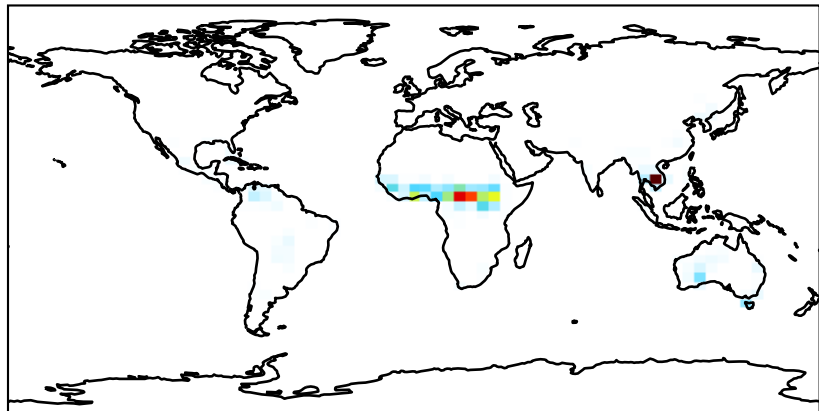


Ratio
Dev/Ref, Fixed Range

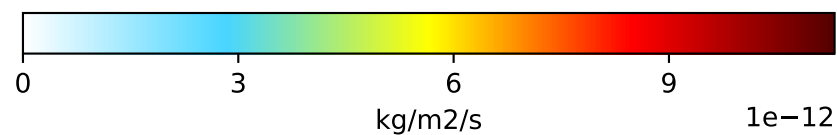
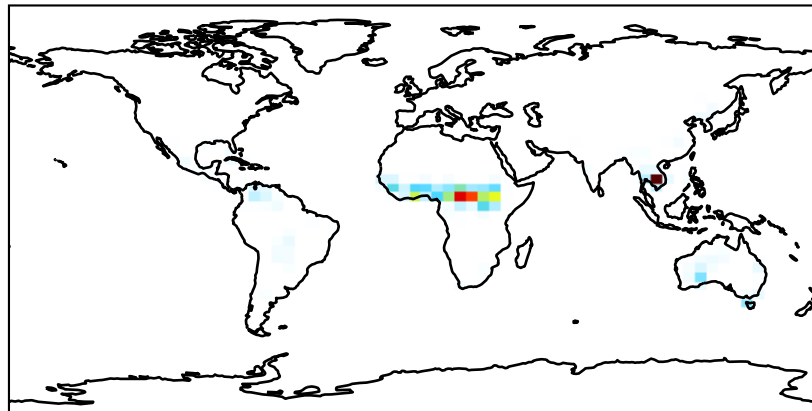


EmisMEK_BioBurn (Jan2019)

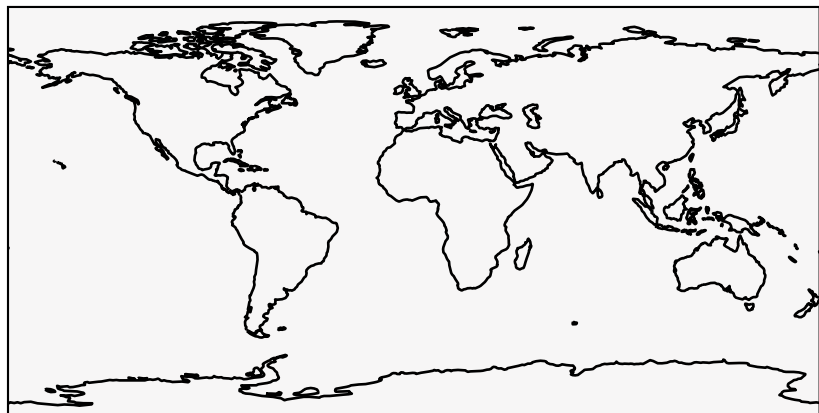
GCC_14.0.0_1yr (Ref)
4.0x5.0



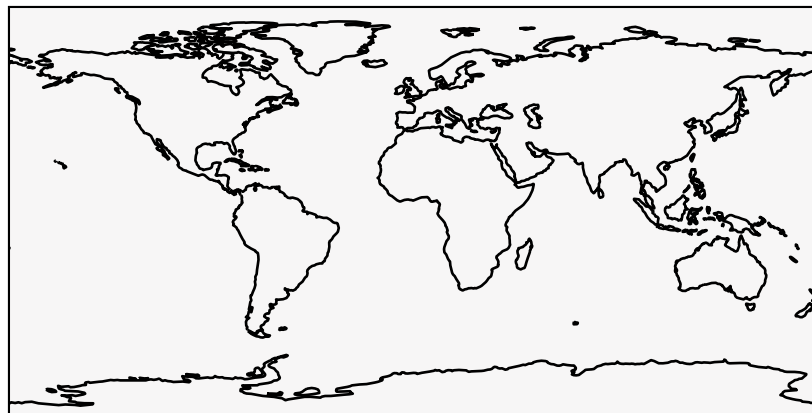
GCC_14.0.0_10yr (Dev)
4.0x5.0



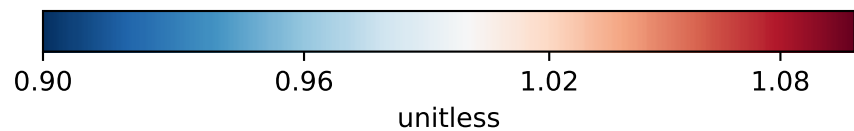
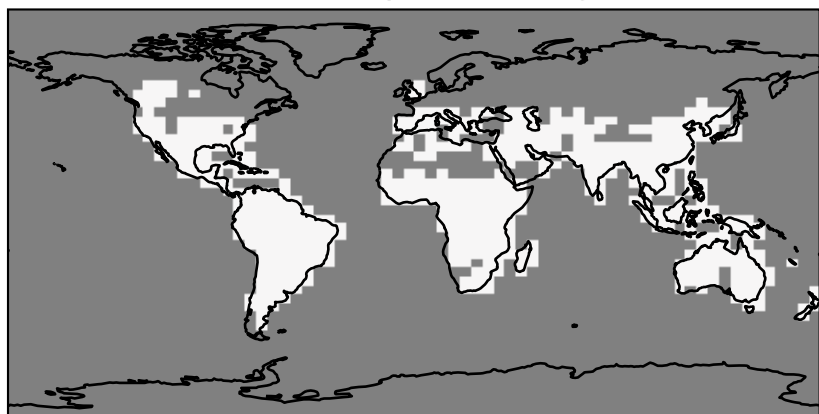
Difference
Dev - Ref, Dynamic Range



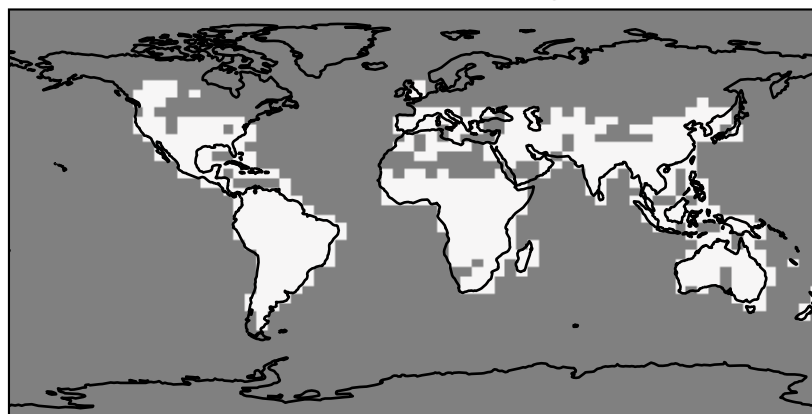
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range



Ratio
Dev/Ref, Fixed Range



EmisMEK_Ship (Jan2019)

GCC_14.0.0_1yr (Ref)
4.0x5.0



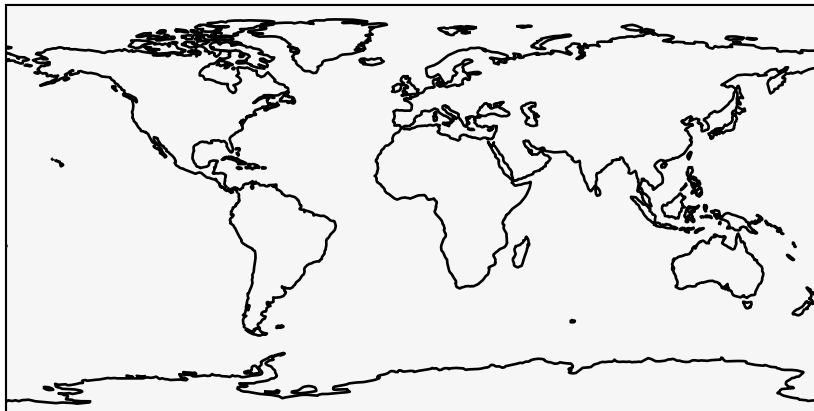
Zero throughout domain
kg/m2/s

GCC_14.0.0_10yr (Dev)
4.0x5.0



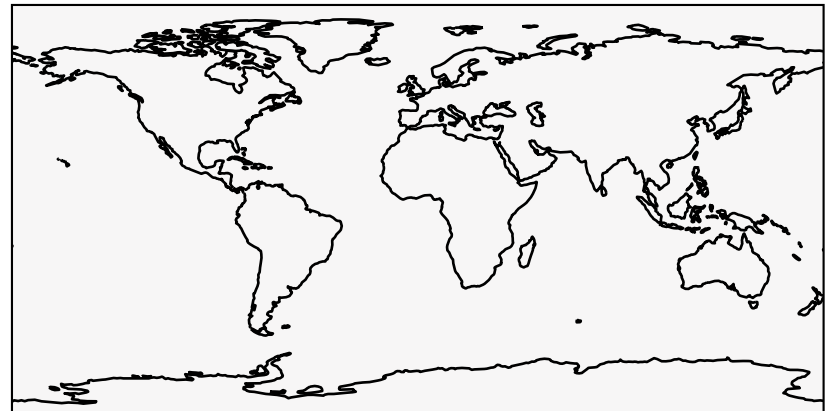
Zero throughout domain
kg/m2/s

Difference
Dev - Ref, Dynamic Range



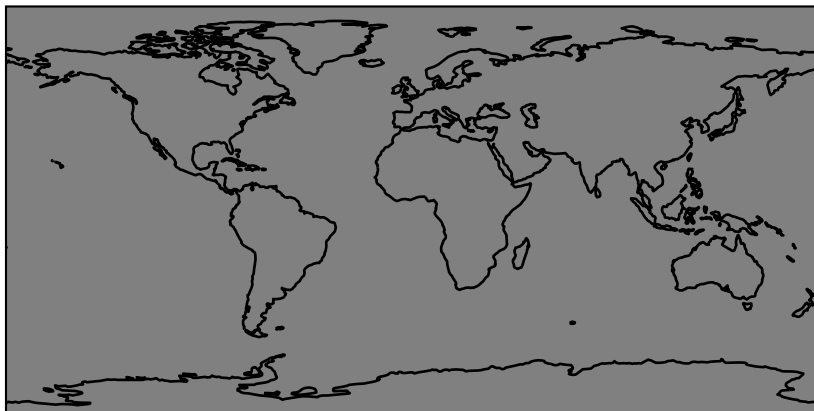
Zero throughout domain
kg/m2/s

Difference
Dev - Ref, Restricted Range [5%,95%]



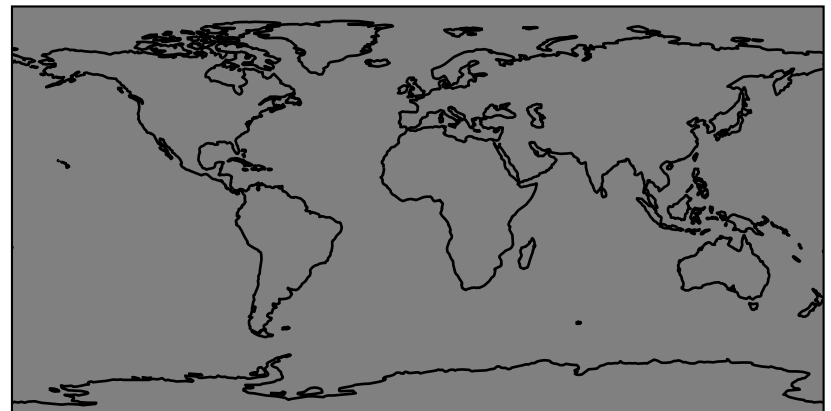
Zero throughout domain
kg/m2/s

Ratio
Dev/Ref, Dynamic Range



Undefined throughout domain
unitless

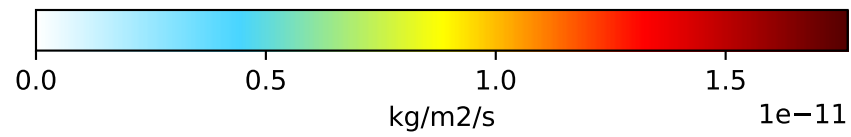
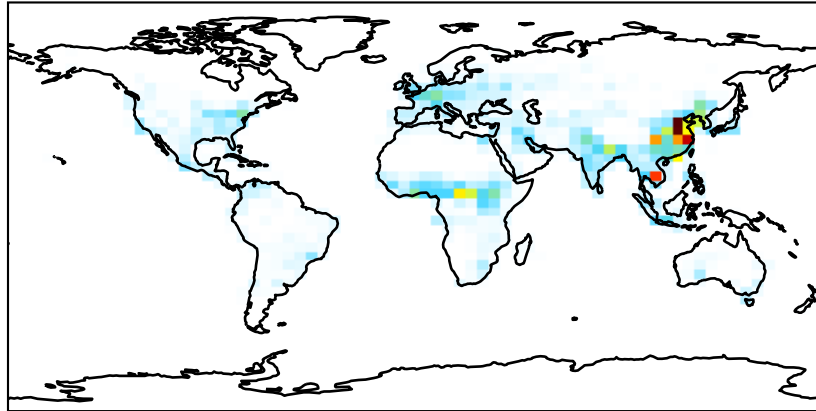
Ratio
Dev/Ref, Fixed Range



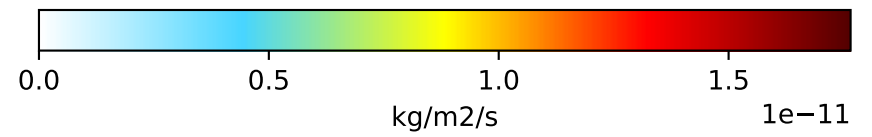
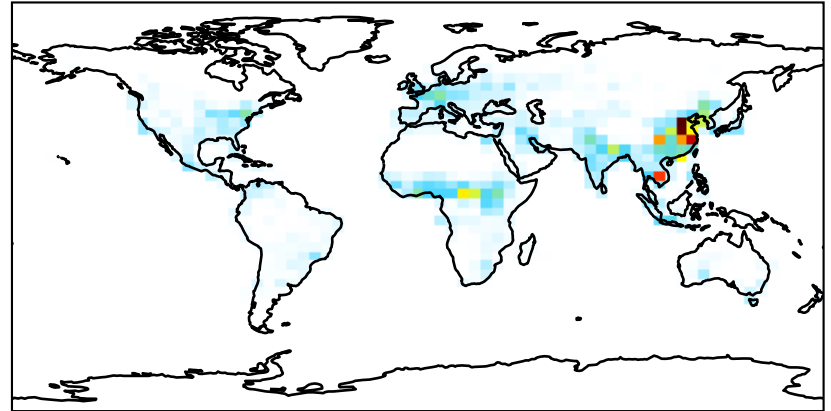
Undefined throughout domain
unitless

EmisMEK_Total (Jan2019)

GCC_14.0.0_1yr (Ref)
4.0x5.0



GCC_14.0.0_10yr (Dev)
4.0x5.0



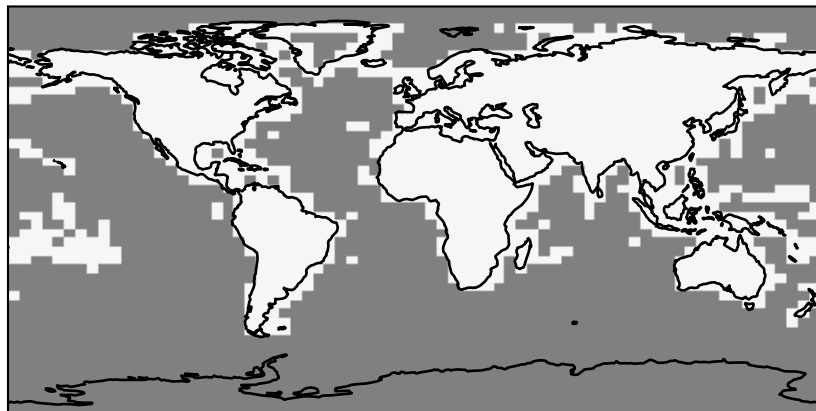
Difference
Dev - Ref, Dynamic Range



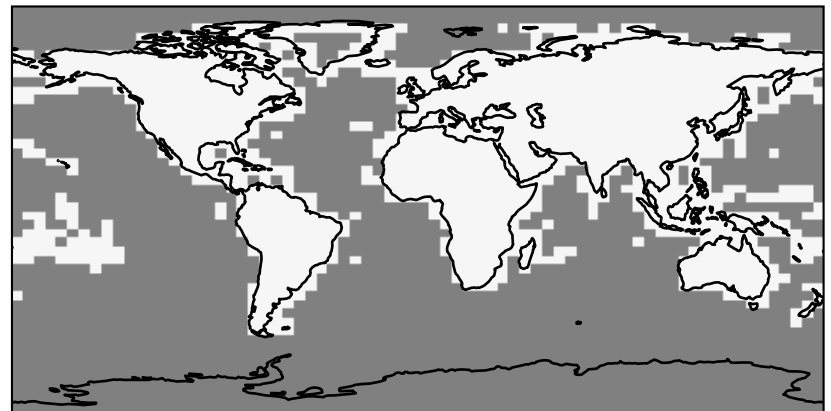
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

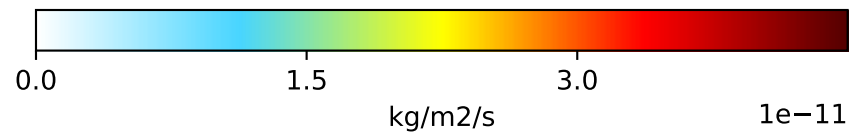
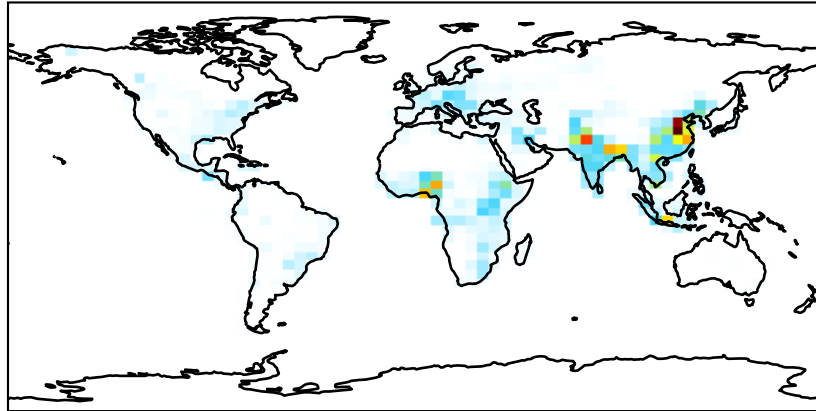


Ratio
Dev/Ref, Fixed Range

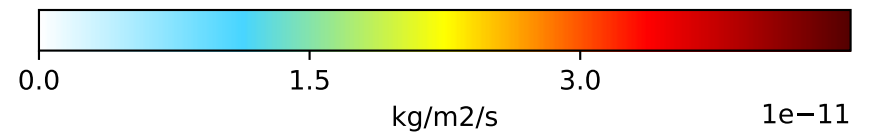
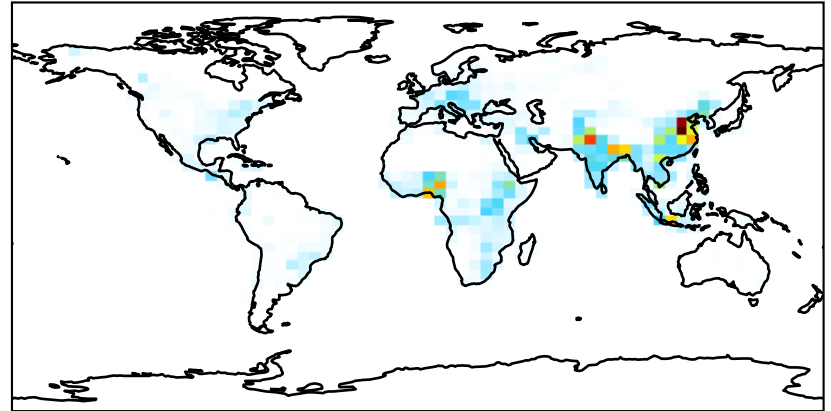


EmisHCOOH_Anthro (Jan2019)

GCC_14.0.0_1yr (Ref)
4.0x5.0



GCC_14.0.0_10yr (Dev)
4.0x5.0



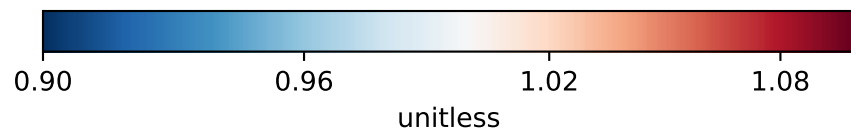
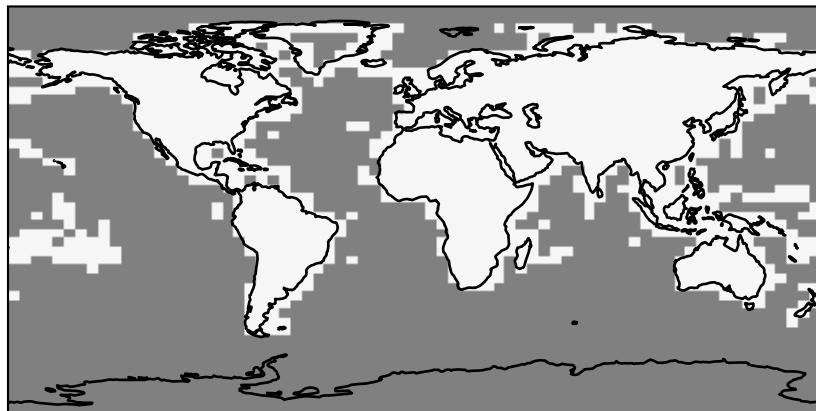
Difference
Dev - Ref, Dynamic Range



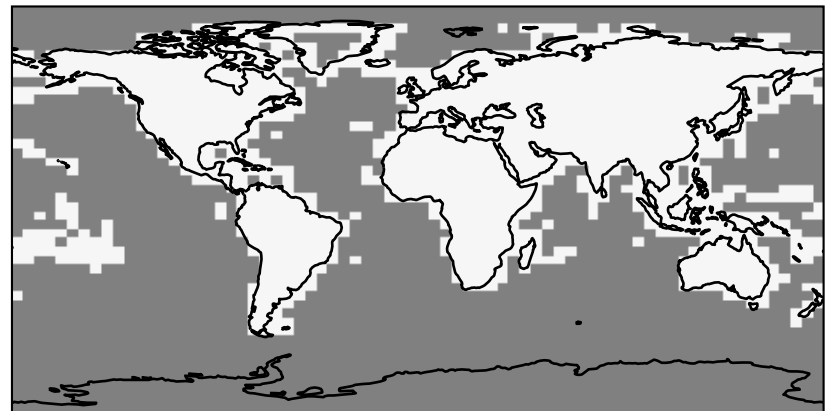
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

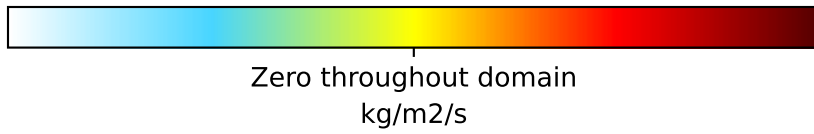
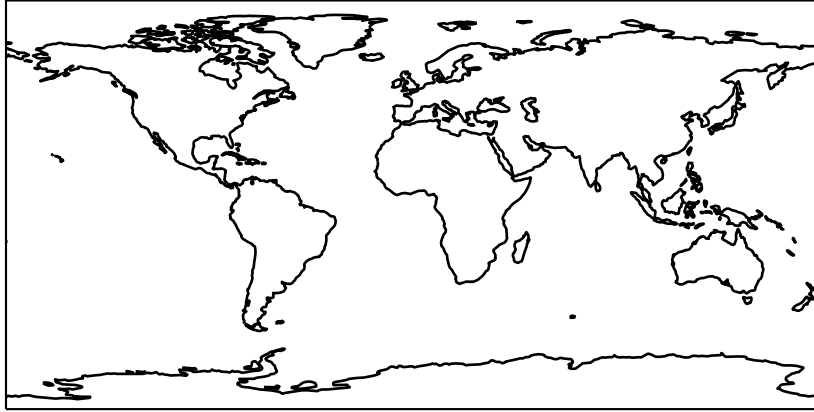


Ratio
Dev/Ref, Fixed Range

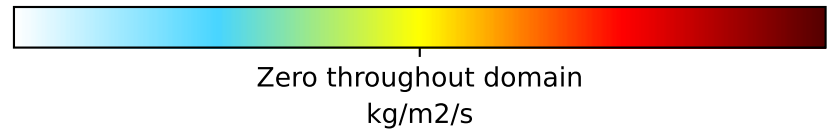
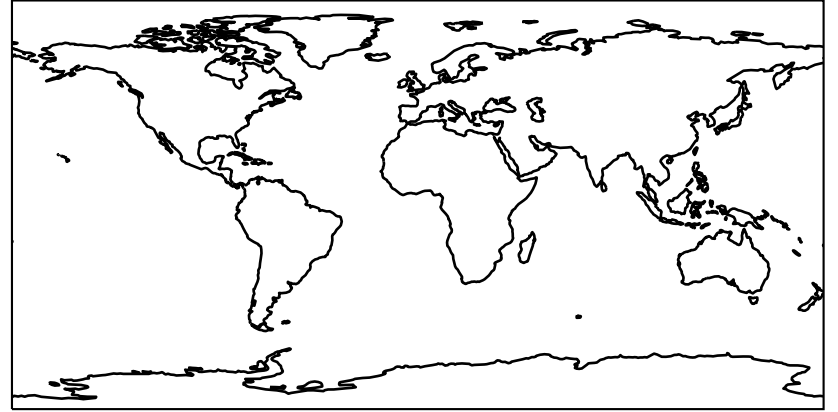


EmisHCOOH_Ship (Jan2019)

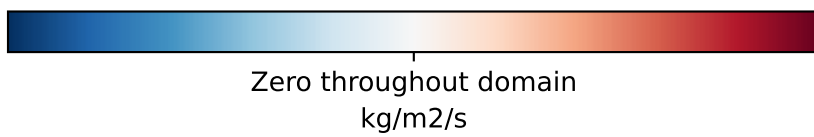
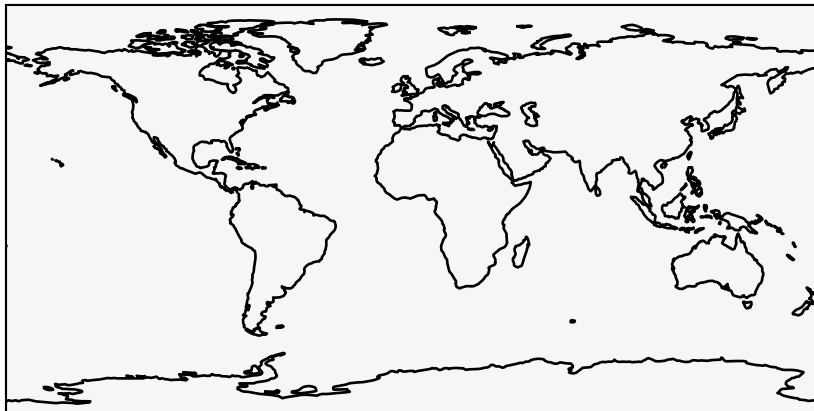
GCC_14.0.0_1yr (Ref)
4.0x5.0



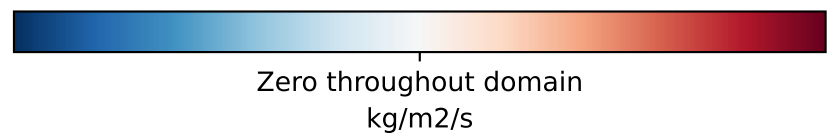
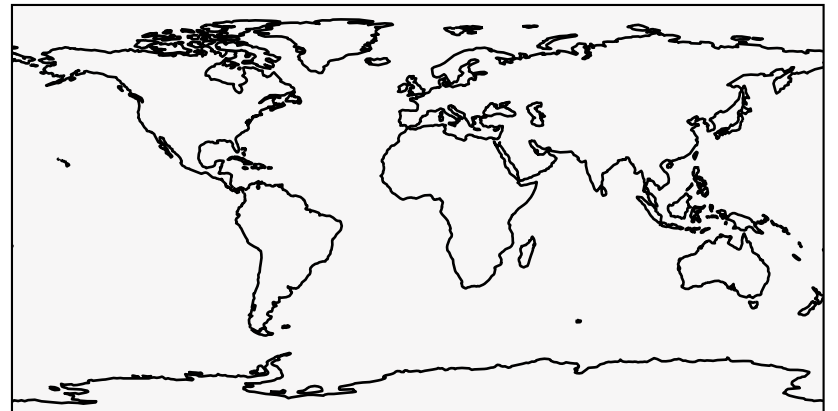
GCC_14.0.0_10yr (Dev)
4.0x5.0



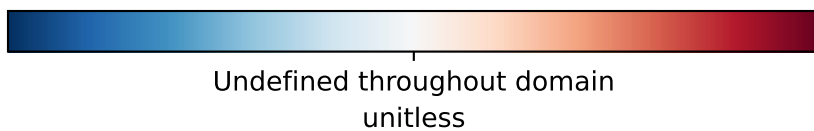
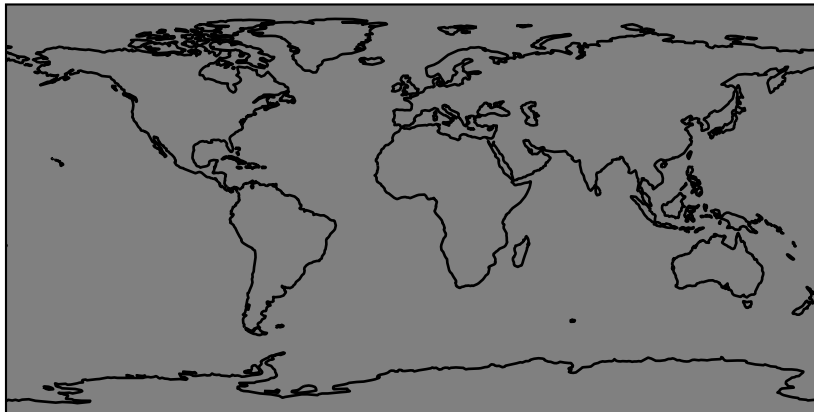
Difference
Dev - Ref, Dynamic Range



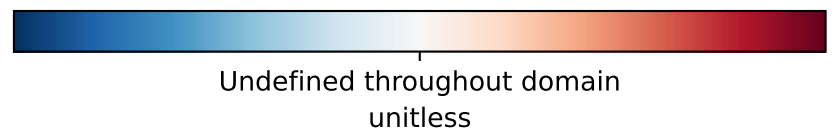
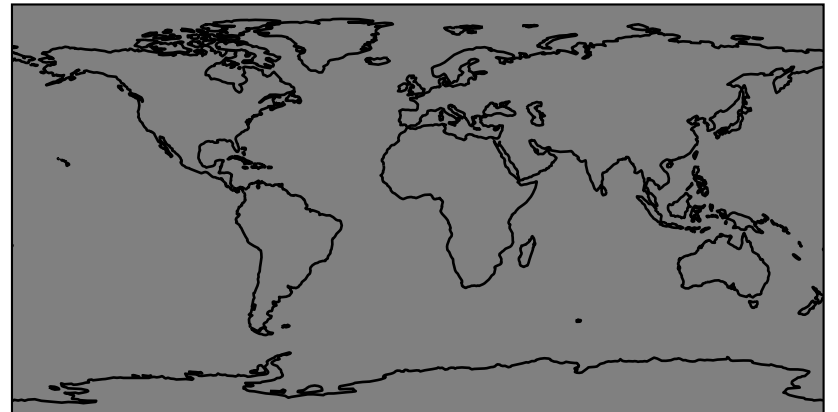
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

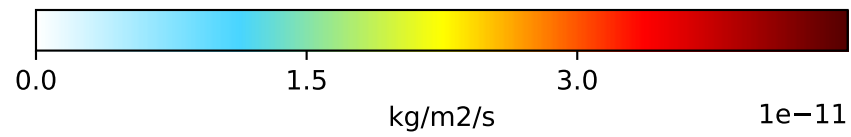
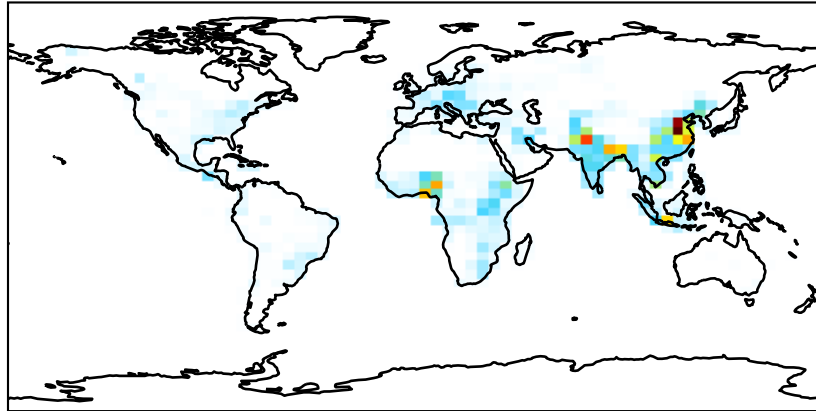


Ratio
Dev/Ref, Fixed Range

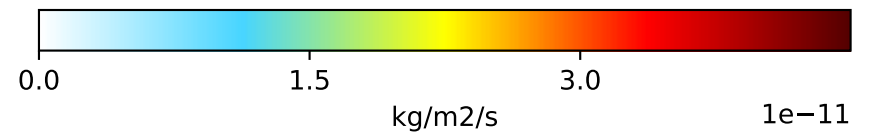
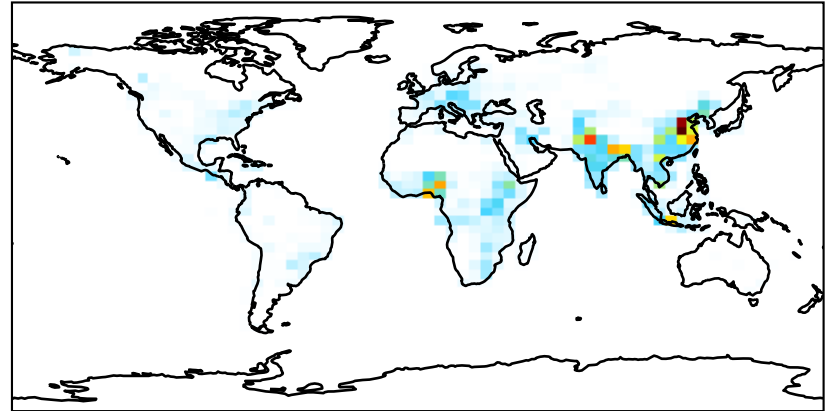


EmisHCOOH_Total (Jan2019)

GCC_14.0.0_1yr (Ref)
4.0x5.0



GCC_14.0.0_10yr (Dev)
4.0x5.0



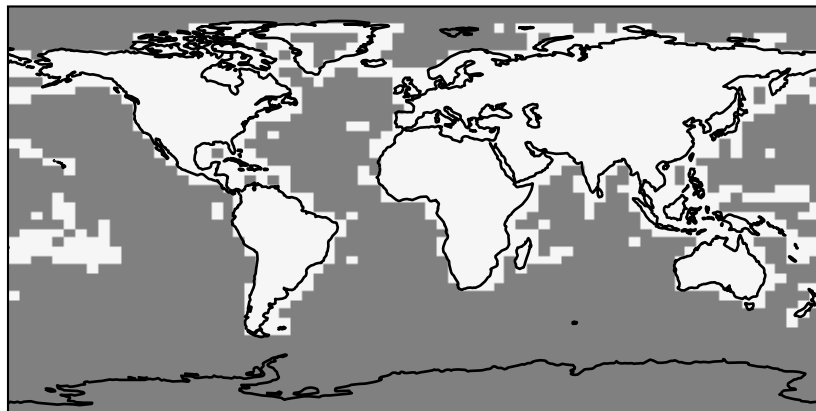
Difference
Dev - Ref, Dynamic Range



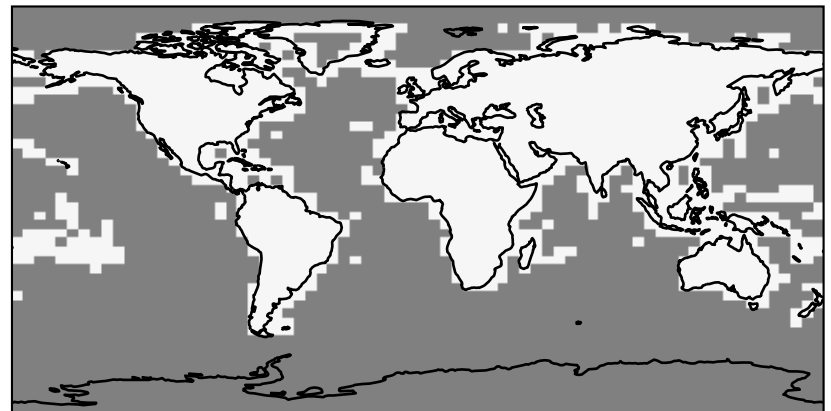
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

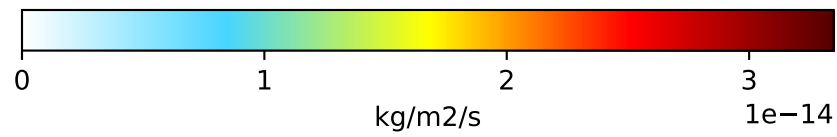
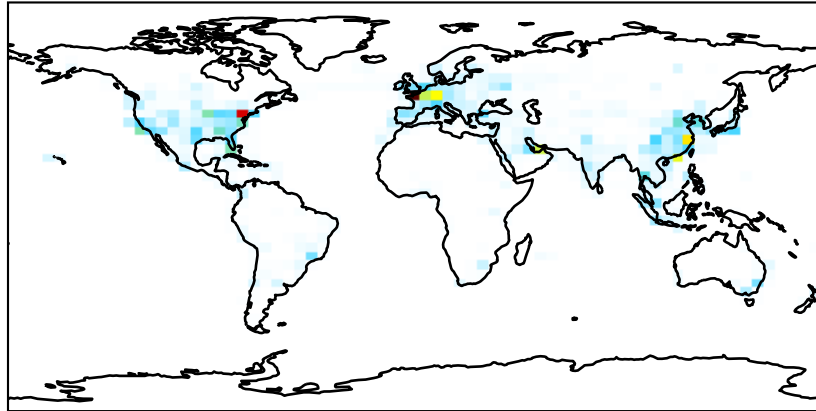


Ratio
Dev/Ref, Fixed Range

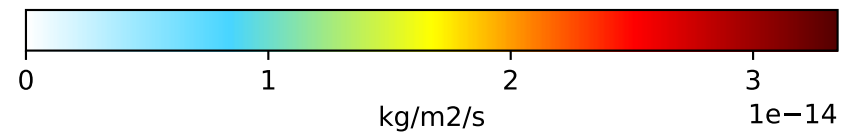
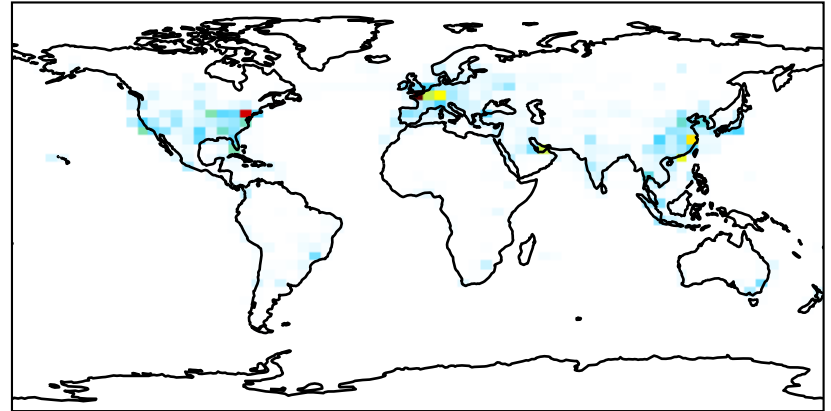


EmisRCHO_Aircraft (Jan2019)

GCC_14.0.0_1yr (Ref)
4.0x5.0



GCC_14.0.0_10yr (Dev)
4.0x5.0



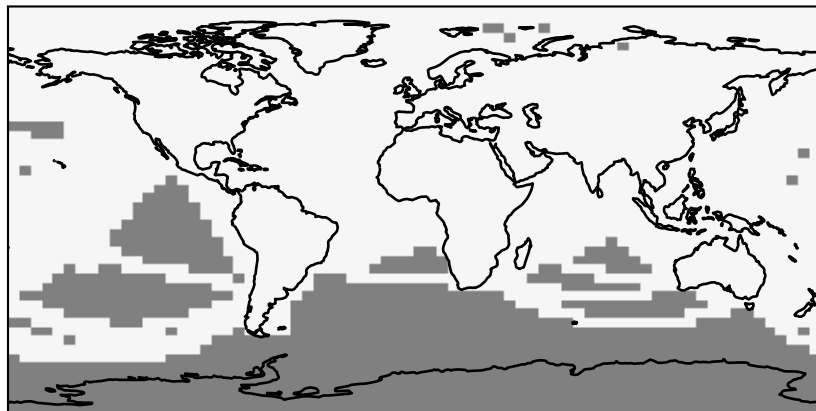
Difference
Dev - Ref, Dynamic Range



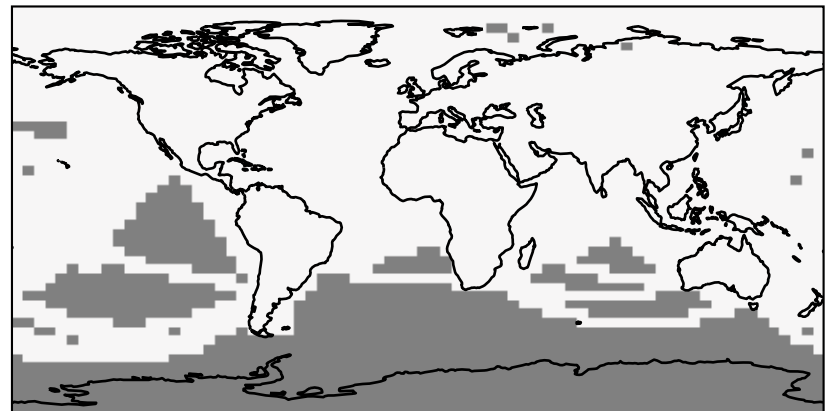
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

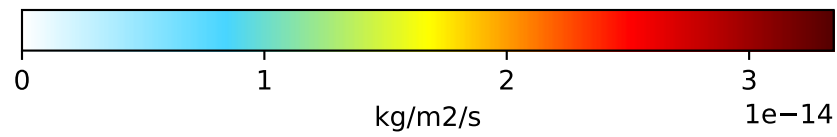
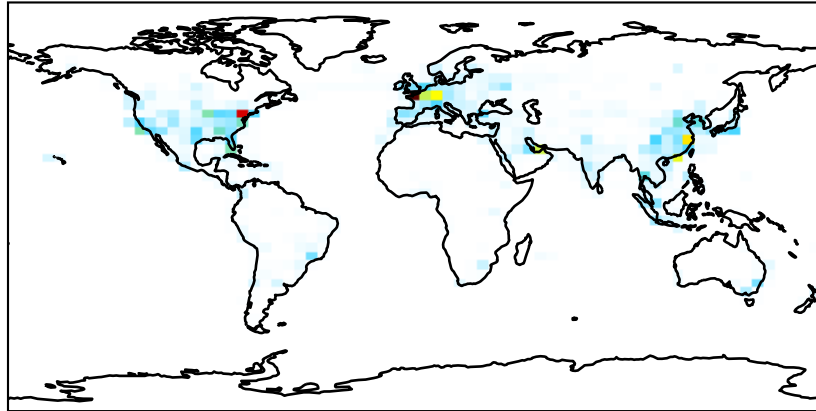


Ratio
Dev/Ref, Fixed Range

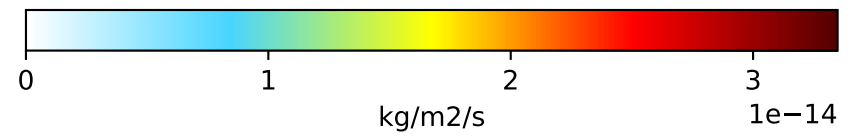
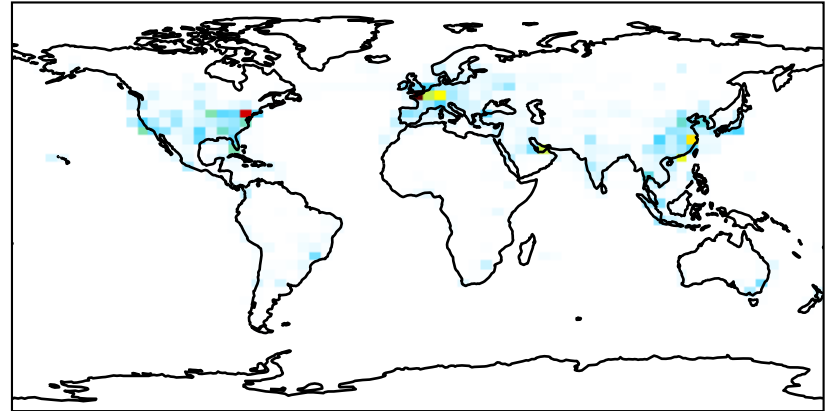


EmisRCHO_Total (Jan2019)

GCC_14.0.0_1yr (Ref)
4.0x5.0



GCC_14.0.0_10yr (Dev)
4.0x5.0



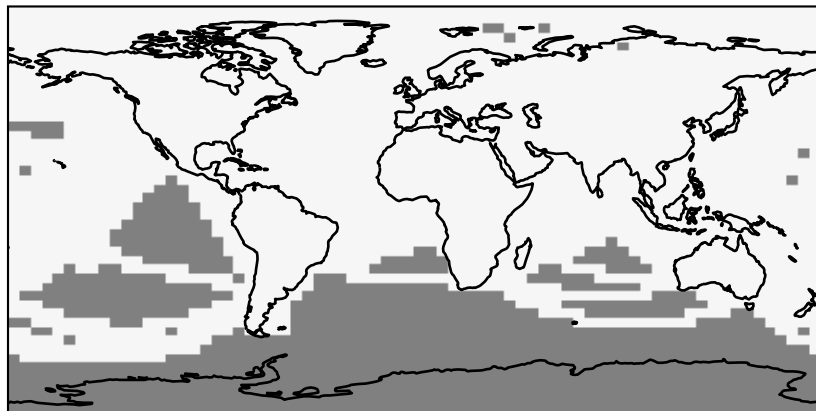
Difference
Dev - Ref, Dynamic Range



Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range



Ratio
Dev/Ref, Fixed Range

