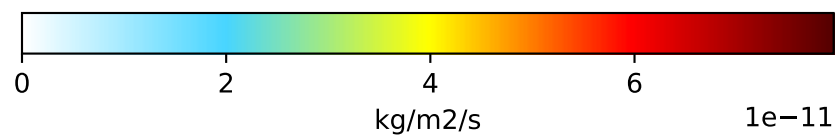
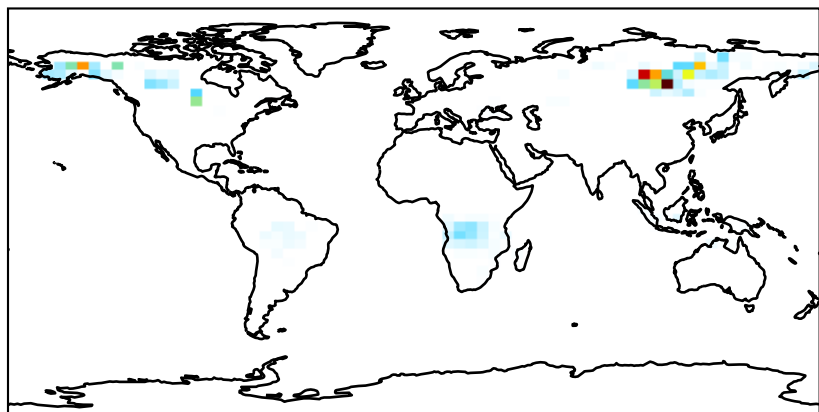
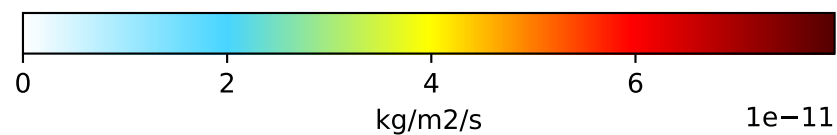
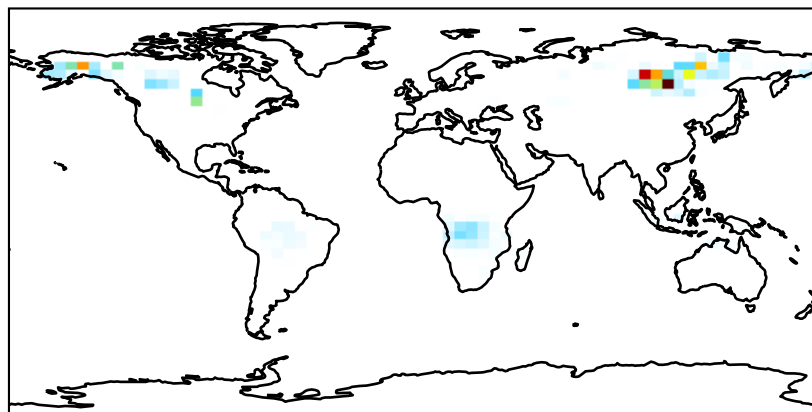


EmisACET_BioBurn (Jul2019)

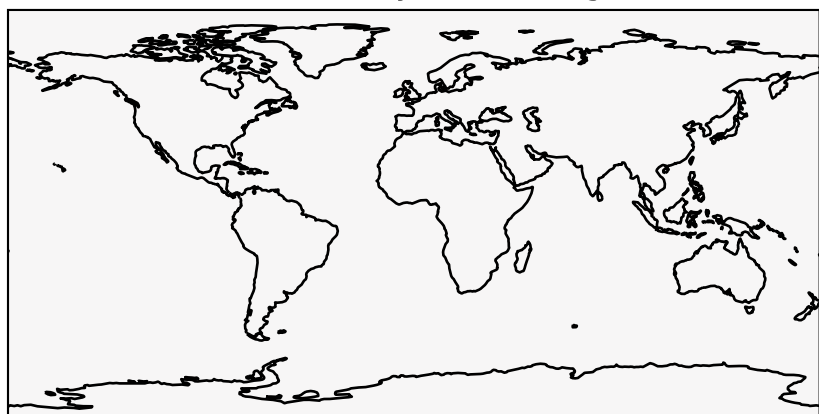
GCC_14.0.0_1yr (Ref)
4.0x5.0



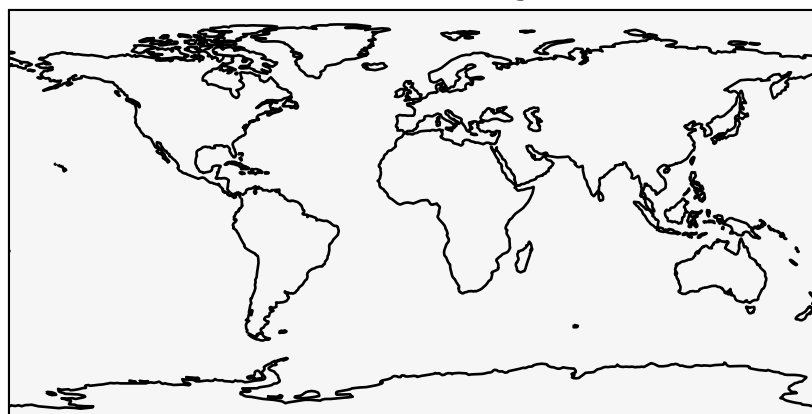
GCC_14.0.0_10yr (Dev)
4.0x5.0



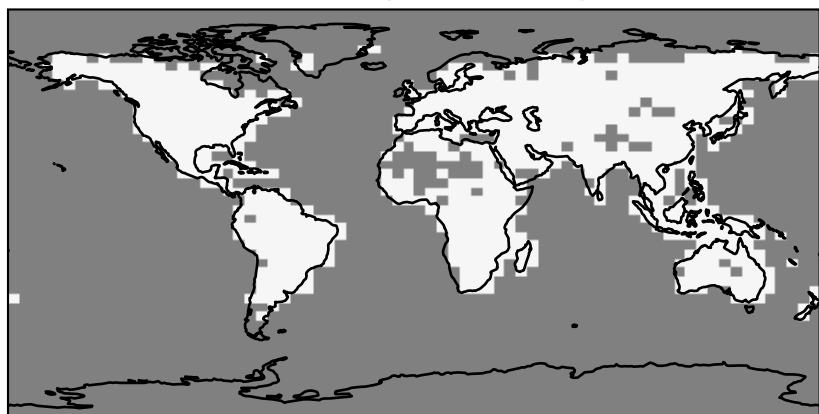
Difference
Dev - Ref, Dynamic Range



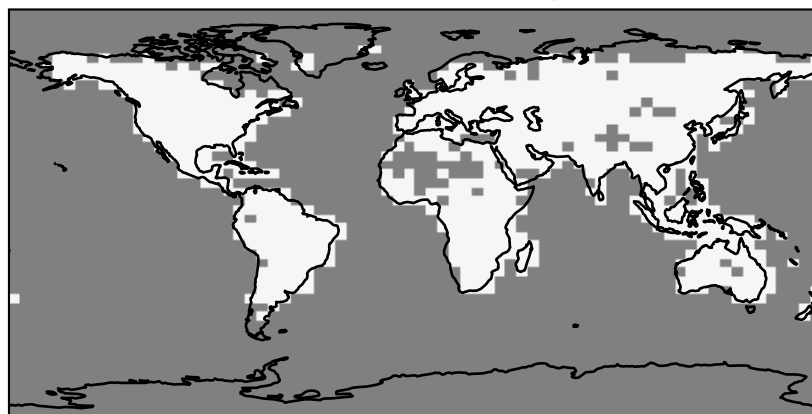
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

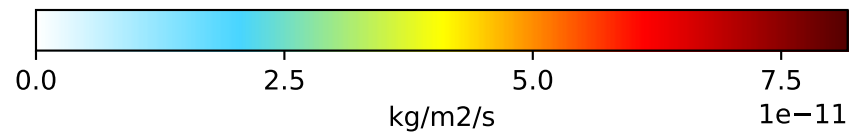
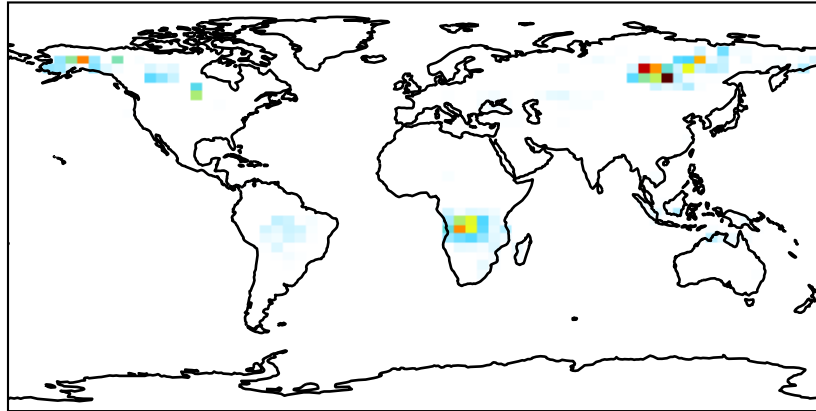


Ratio
Dev/Ref, Fixed Range

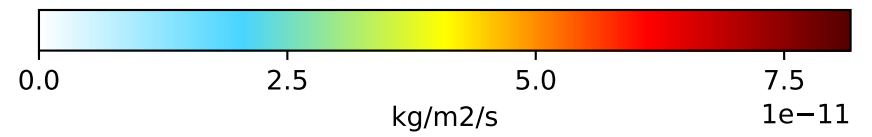
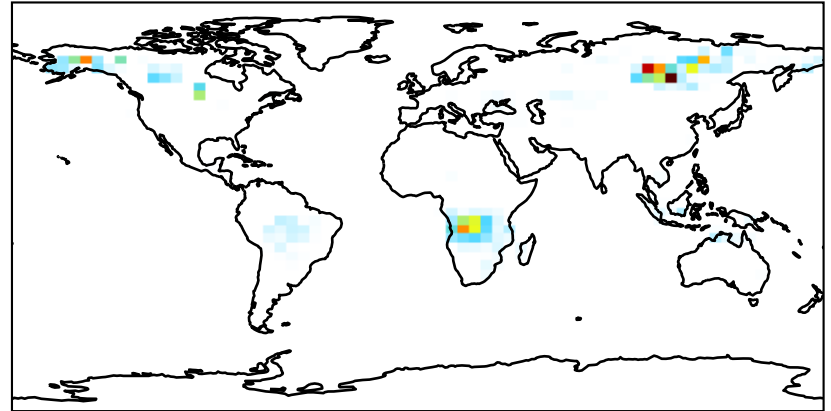


EmisALD2_BioBurn (Jul2019)

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

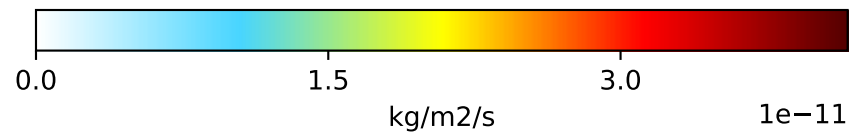
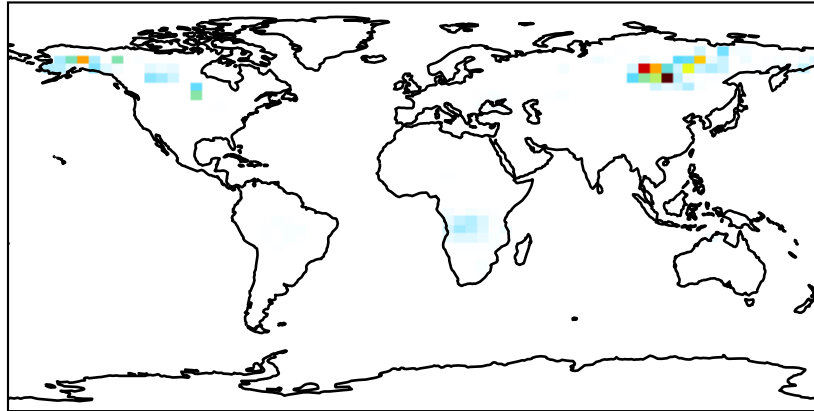


Ratio
Dev/Ref, Fixed Range

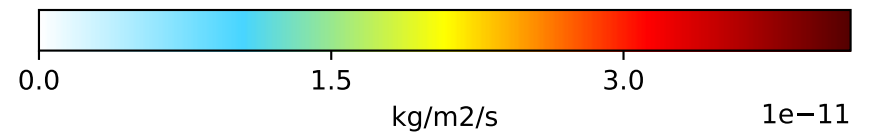
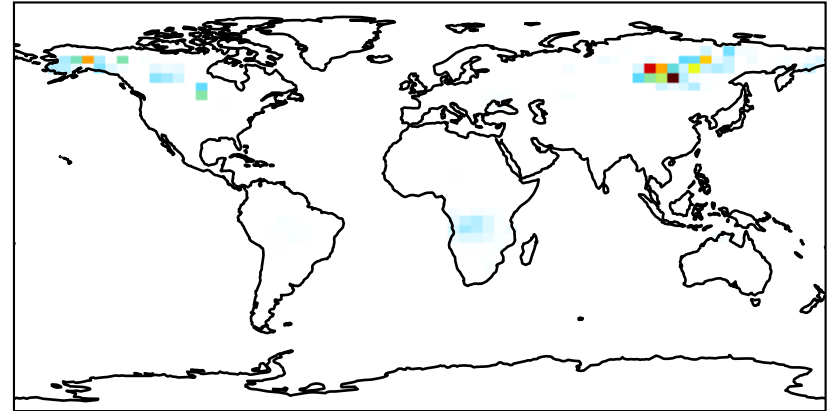


EmisALK4_BioBurn (Jul2019)

GCC_14.0.0_1yr (Ref)
4.0x5.0



GCC_14.0.0_10yr (Dev)
4.0x5.0



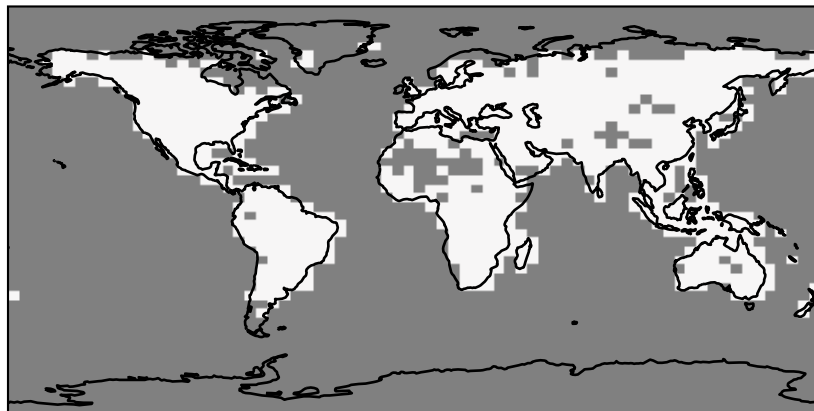
Difference
Dev - Ref, Dynamic Range



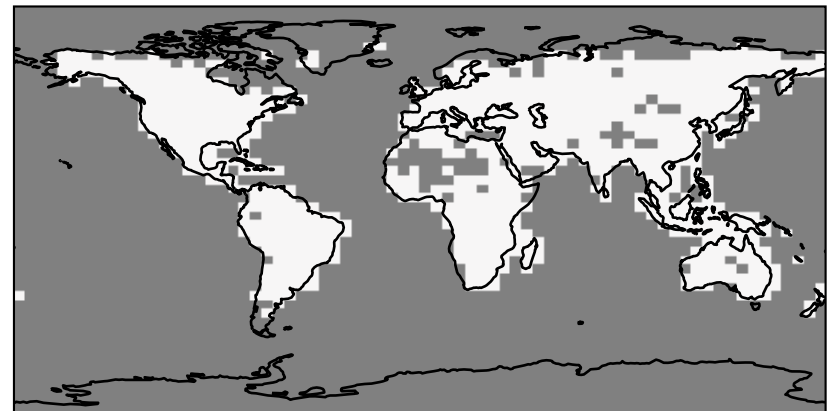
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

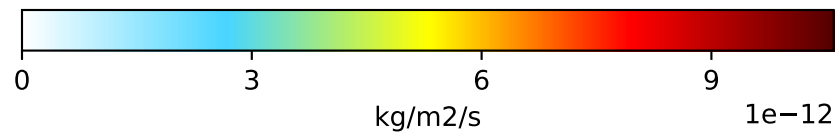
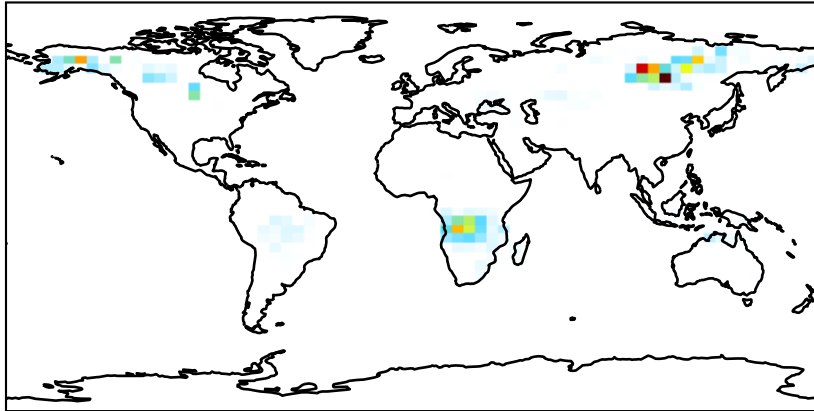


Ratio
Dev/Ref, Fixed Range

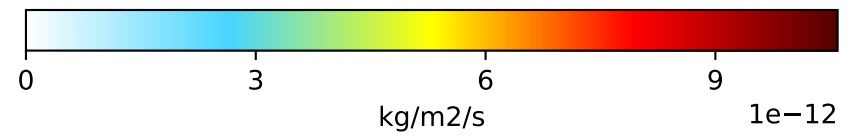
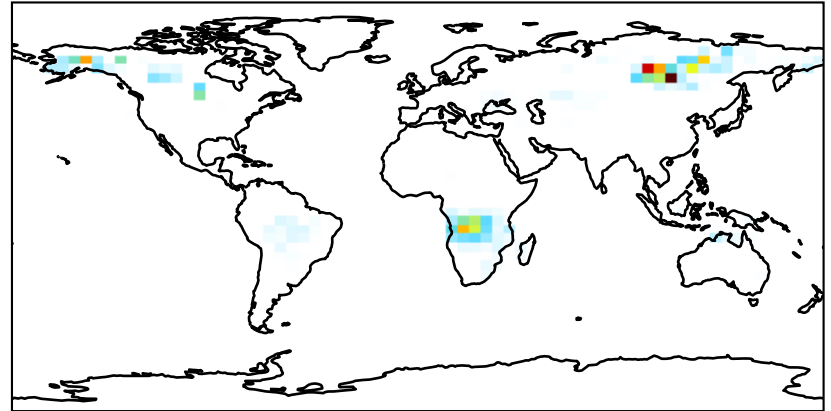


EmisBCPI_BioBurn (Jul2019)

GCC_14.0.0_1yr (Ref)
4.0x5.0



GCC_14.0.0_10yr (Dev)
4.0x5.0



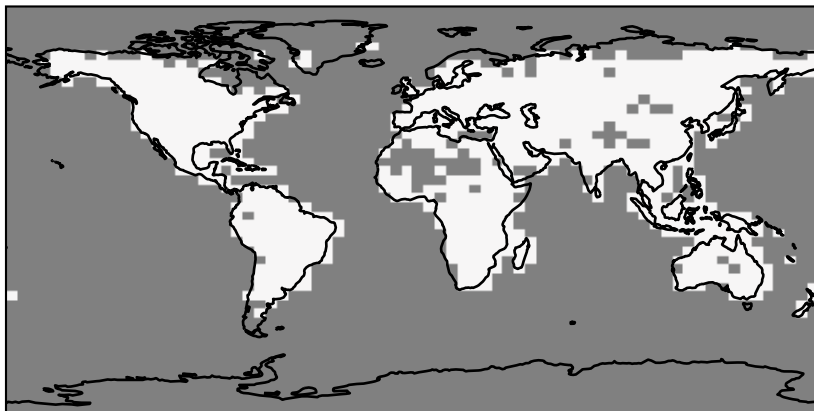
Difference
Dev - Ref, Dynamic Range



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



Ratio
Dev/Ref, Dynamic Range

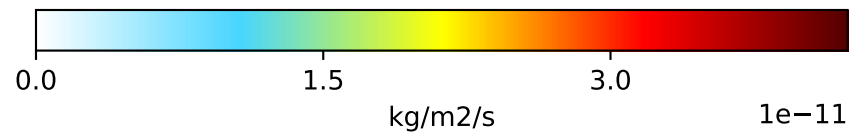
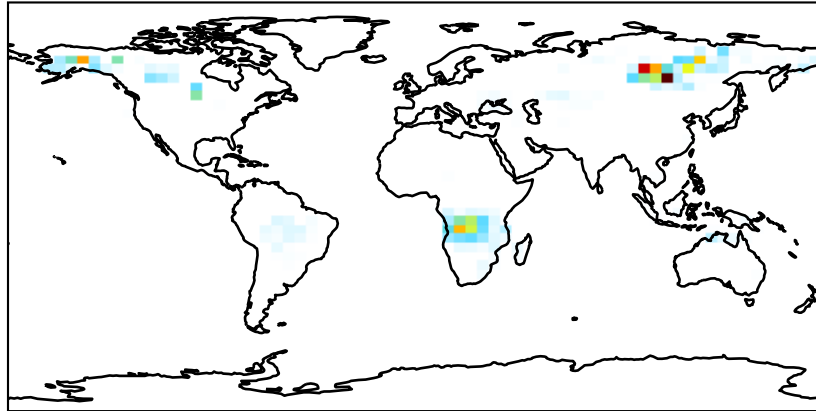


Ratio
Dev/Ref, Fixed Range

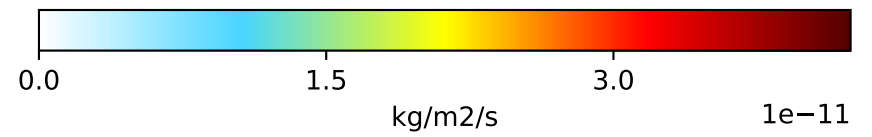
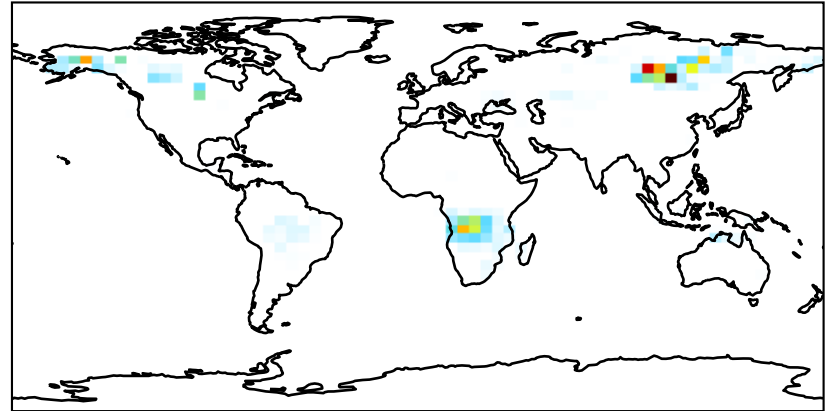


EmisBCPO_BioBurn (Jul2019)

GCC_14.0.0_1yr (Ref)
4.0x5.0



GCC_14.0.0_10yr (Dev)
4.0x5.0



Difference
Dev - Ref, Dynamic Range



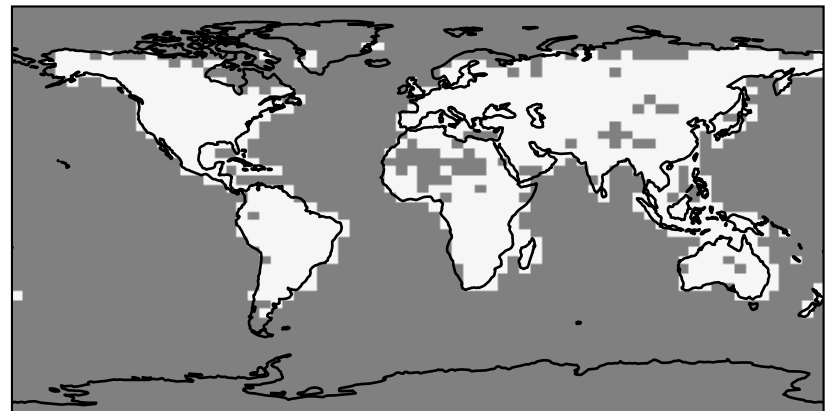
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

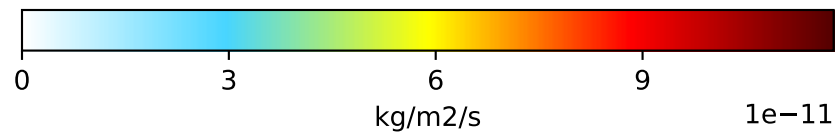
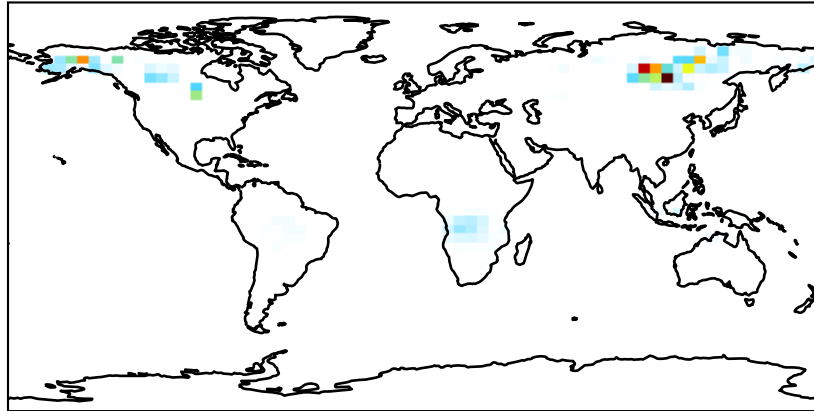


Ratio
Dev/Ref, Fixed Range

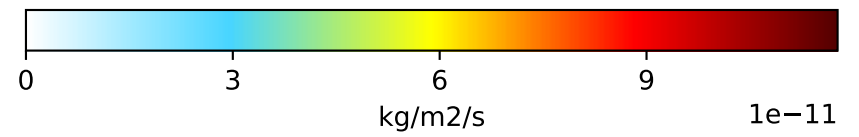
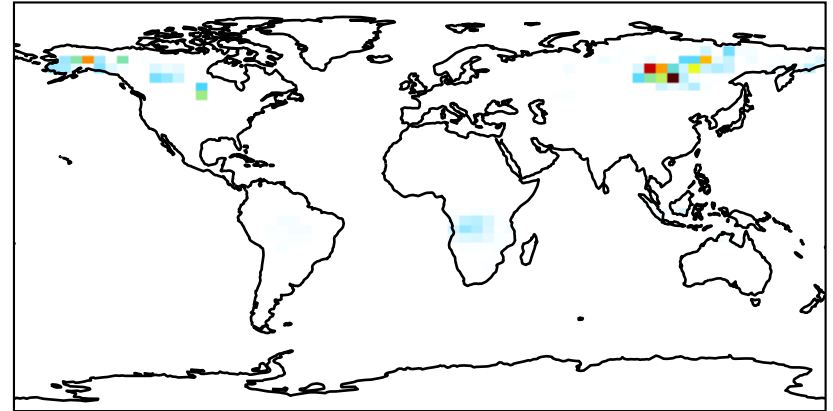


EmisBENZ_BioBurn (Jul2019)

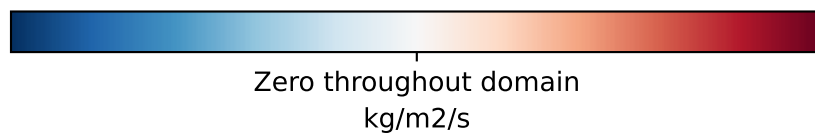
GCC_14.0.0_1yr (Ref)
4.0x5.0



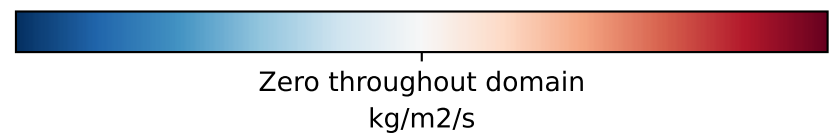
GCC_14.0.0_10yr (Dev)
4.0x5.0



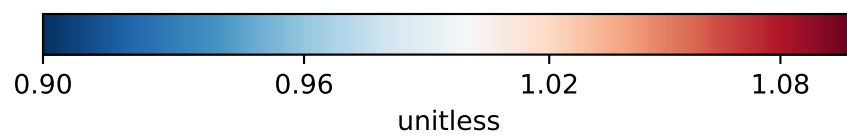
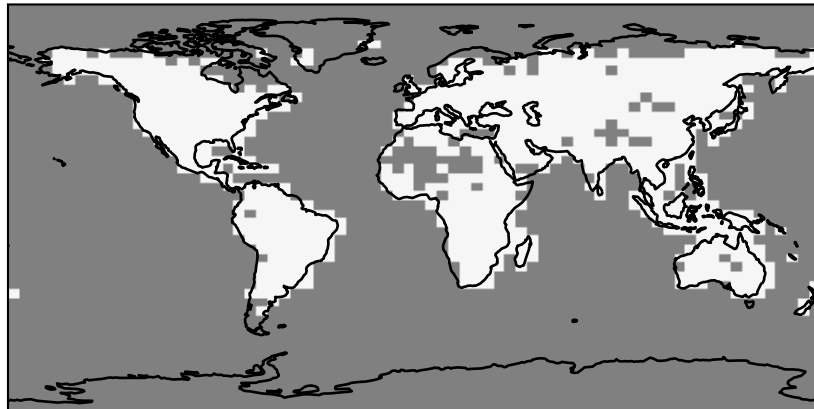
Difference
Dev - Ref, Dynamic Range



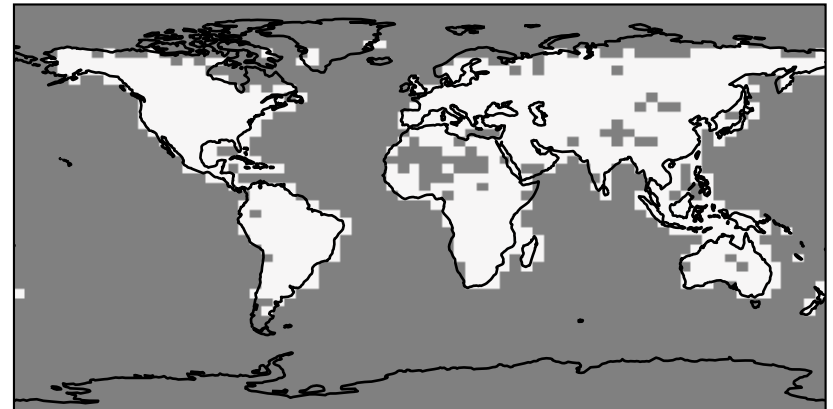
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

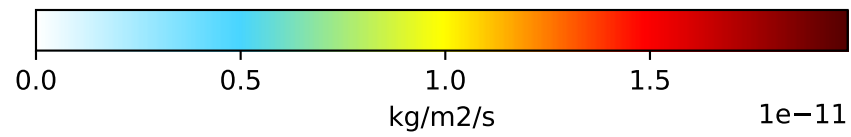
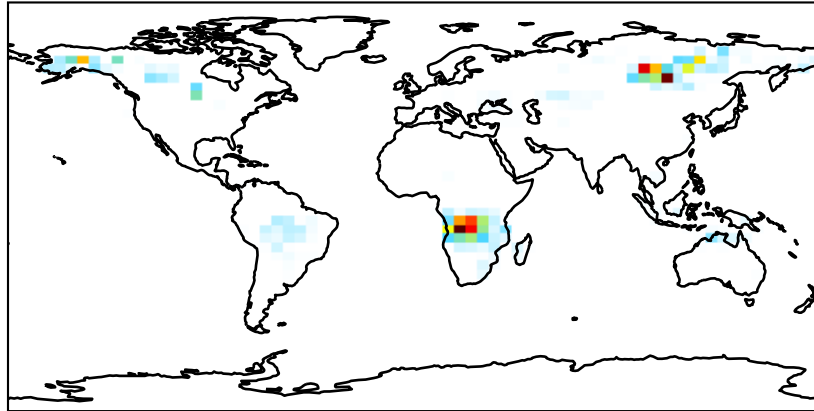


Ratio
Dev/Ref, Fixed Range

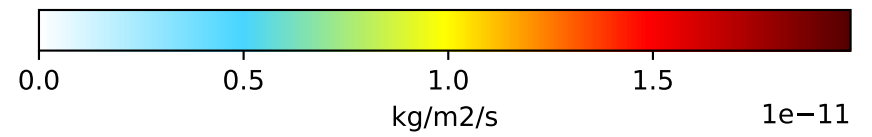
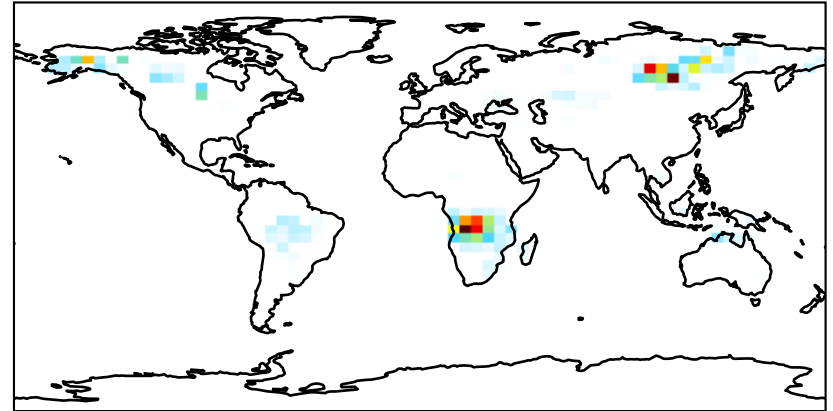


EmisC2H2_BioBurn (Jul2019)

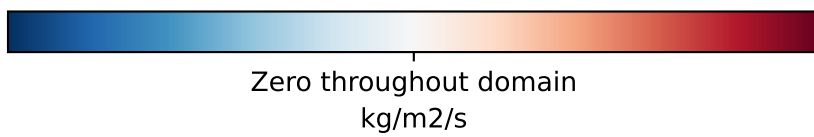
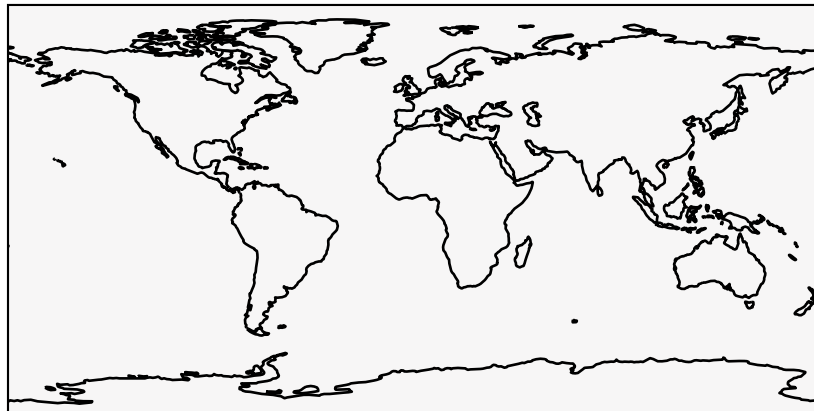
GCC_14.0.0_1yr (Ref)
4.0x5.0



GCC_14.0.0_10yr (Dev)
4.0x5.0



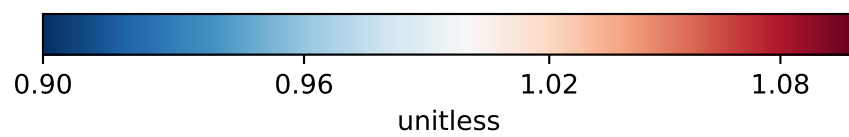
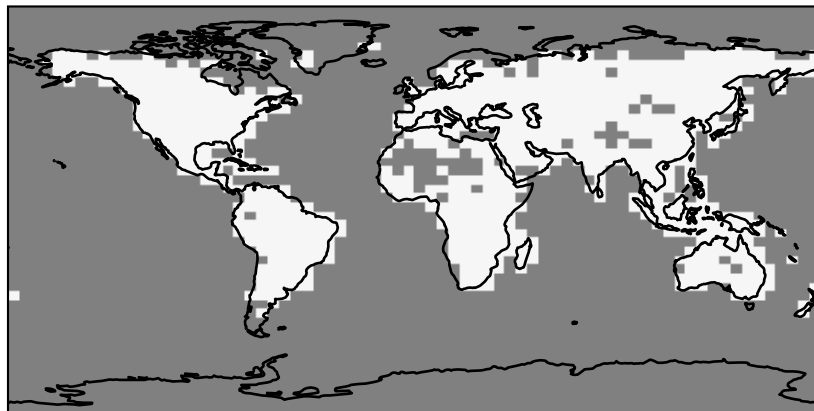
Difference
Dev - Ref, Dynamic Range



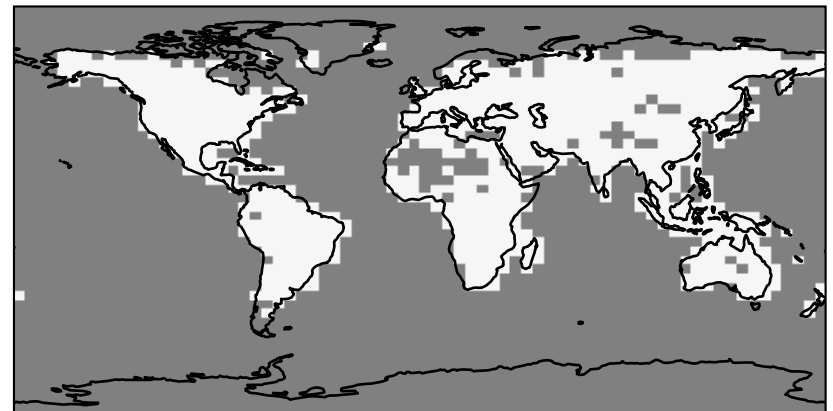
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

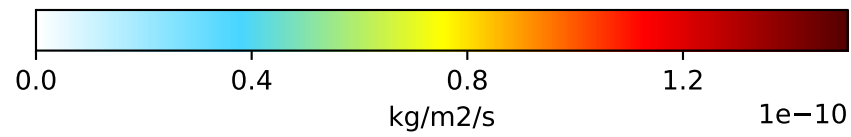
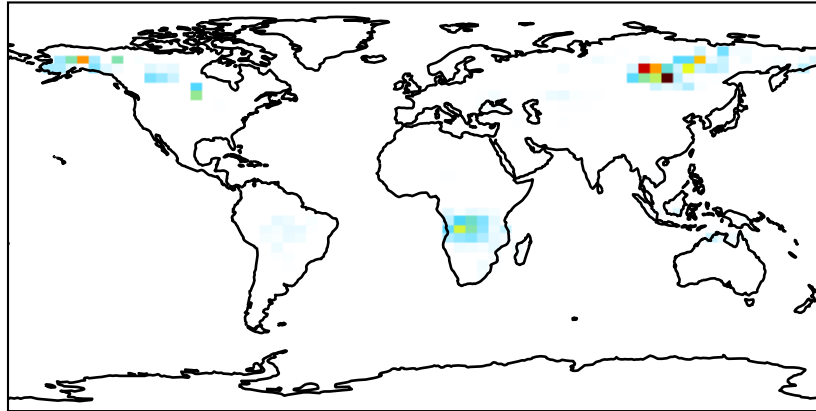


Ratio
Dev/Ref, Fixed Range

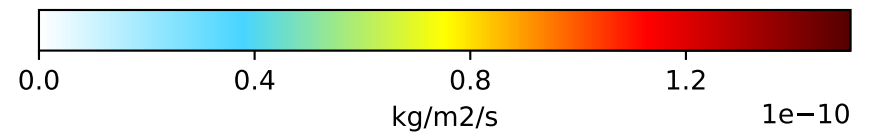
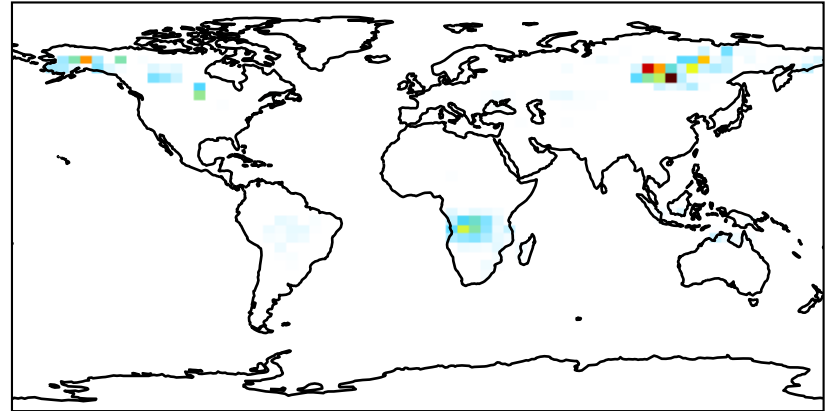


EmisC2H4_BioBurn (Jul2019)

GCC_14.0.0_1yr (Ref)
4.0x5.0



GCC_14.0.0_10yr (Dev)
4.0x5.0



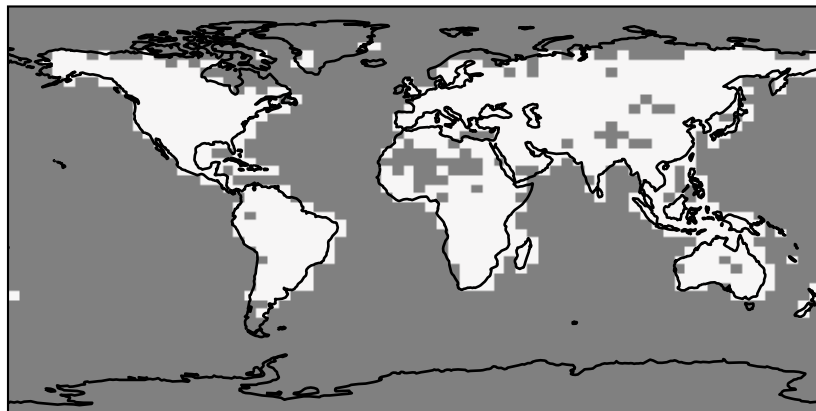
Difference
Dev - Ref, Dynamic Range



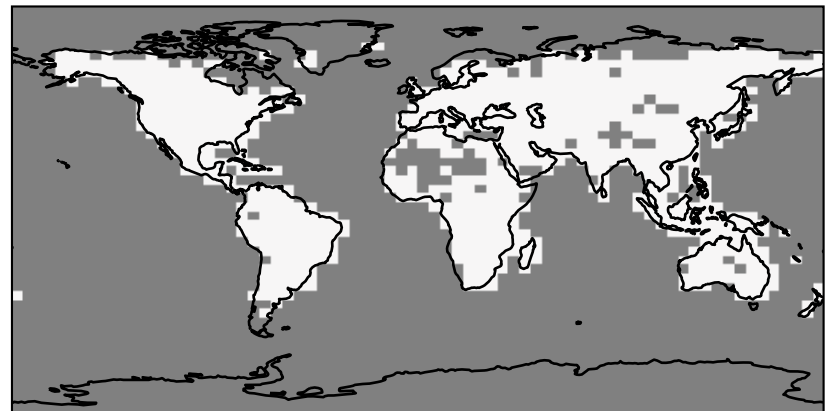
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

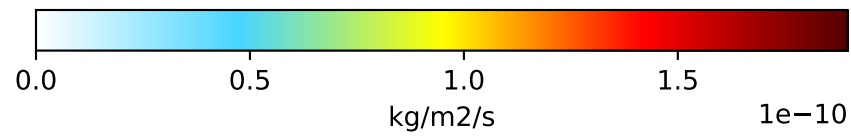
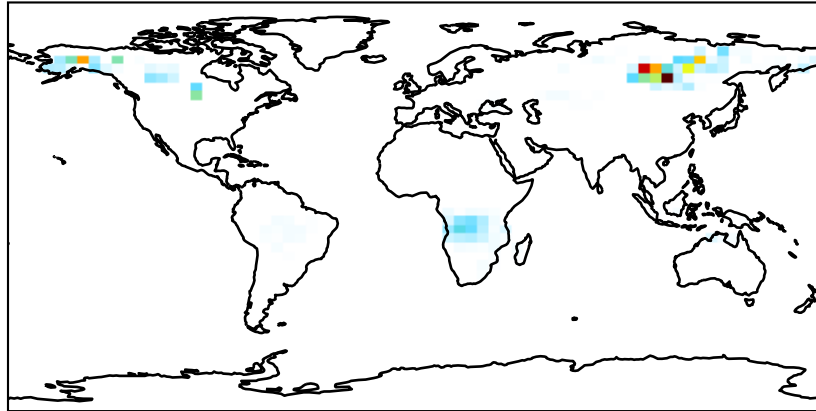


Ratio
Dev/Ref, Fixed Range

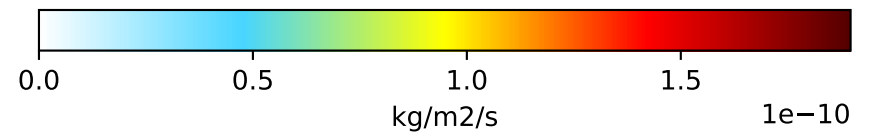
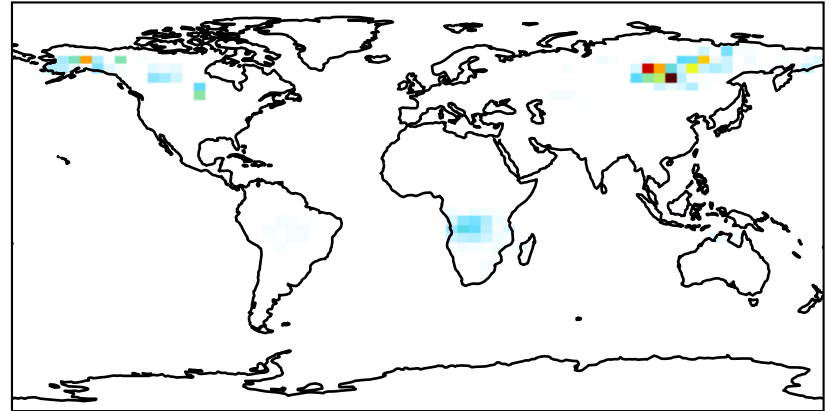


EmisC2H6_BioBurn (Jul2019)

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

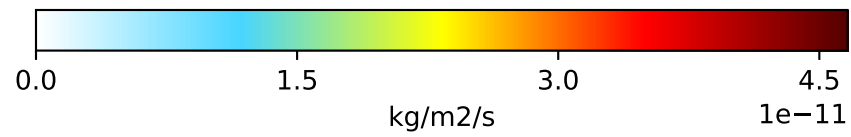
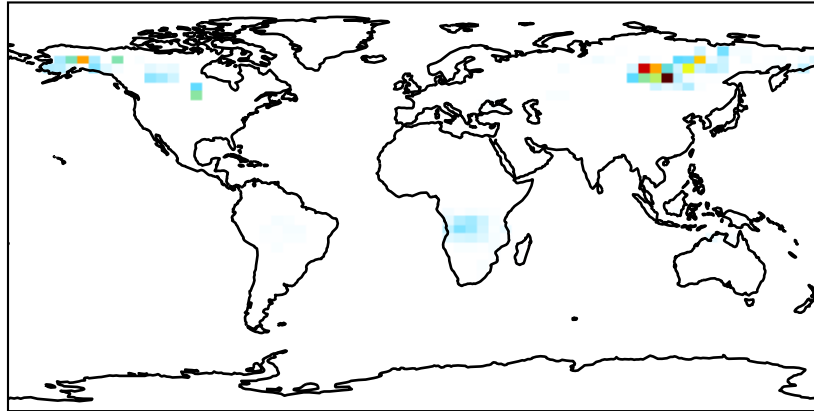


Ratio
Dev/Ref, Fixed Range

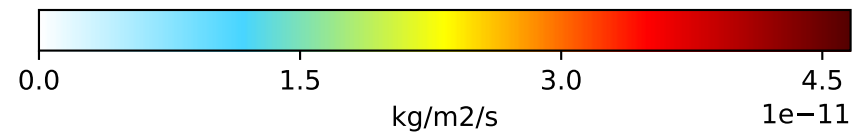
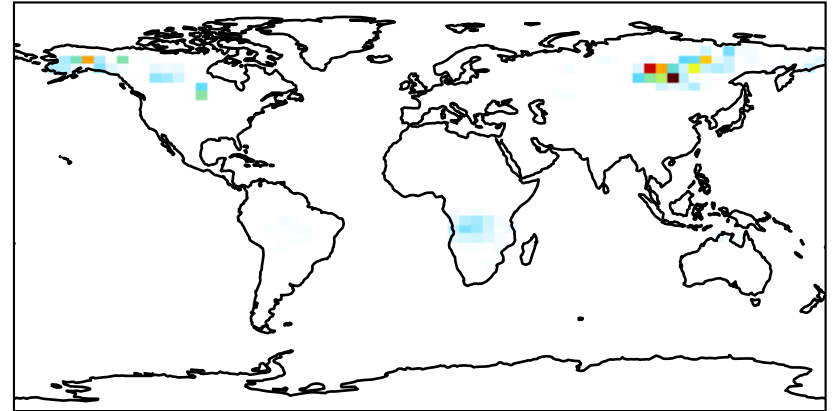


EmisC3H8_BioBurn (Jul2019)

GCC_14.0.0_1yr (Ref)
4.0x5.0



GCC_14.0.0_10yr (Dev)
4.0x5.0



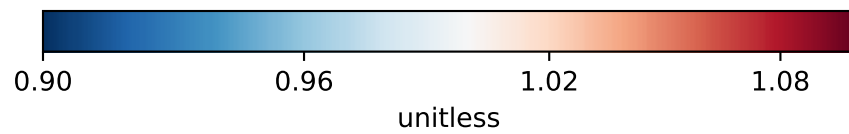
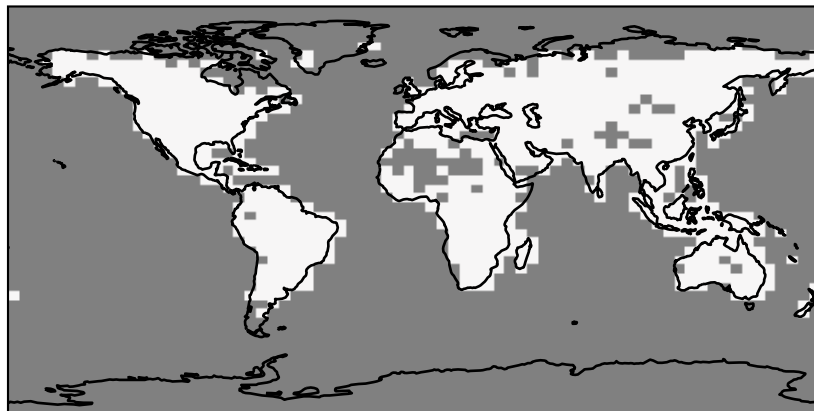
Difference
Dev - Ref, Dynamic Range



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



Ratio
Dev/Ref, Dynamic Range

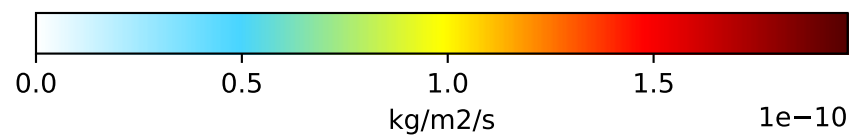
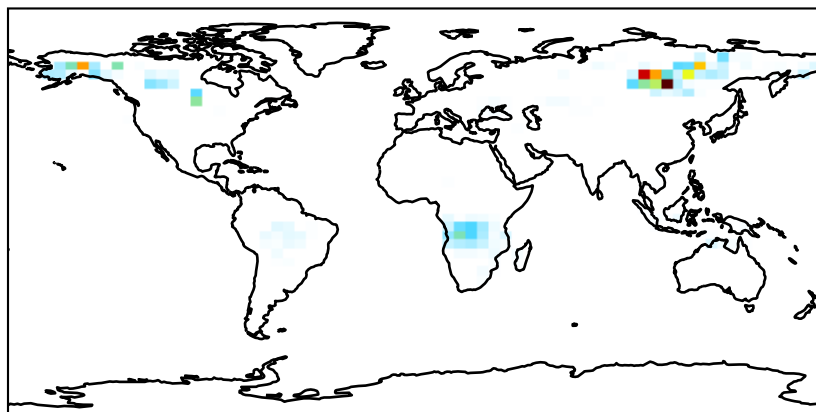


Ratio
Dev/Ref, Fixed Range

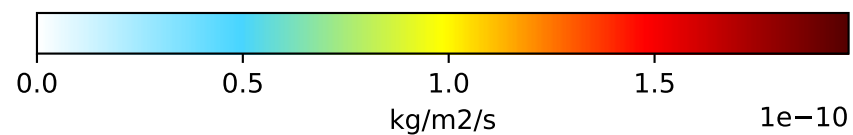
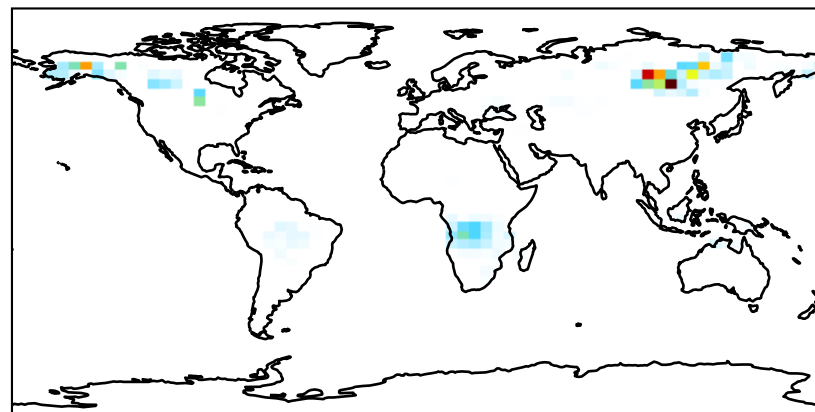


EmisCH2O_BioBurn (Jul2019)

GCC_14.0.0_1yr (Ref)
4.0x5.0



GCC_14.0.0_10yr (Dev)
4.0x5.0



Difference
Dev - Ref, Dynamic Range



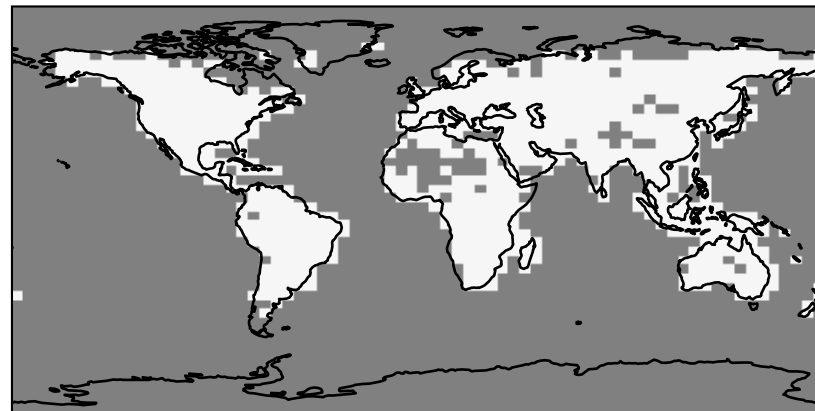
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

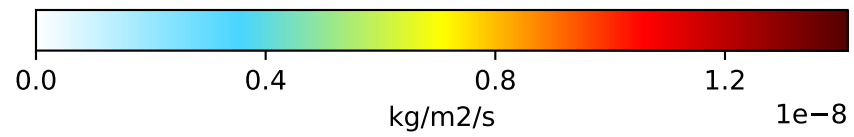
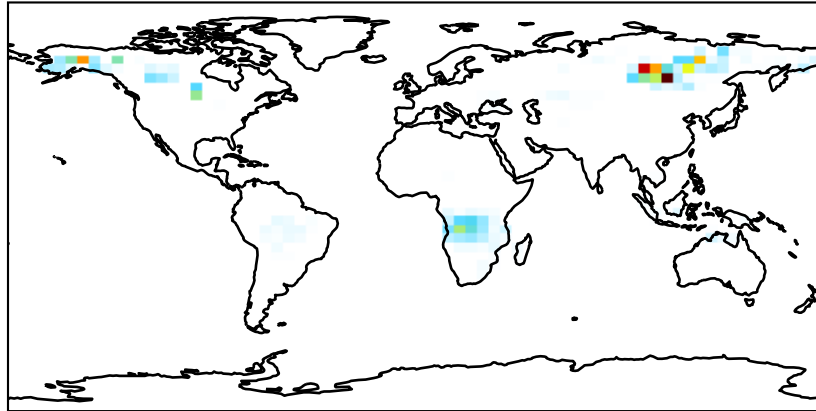


Ratio
Dev/Ref, Fixed Range

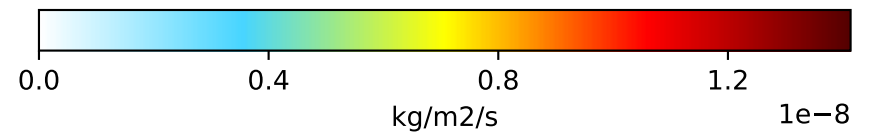
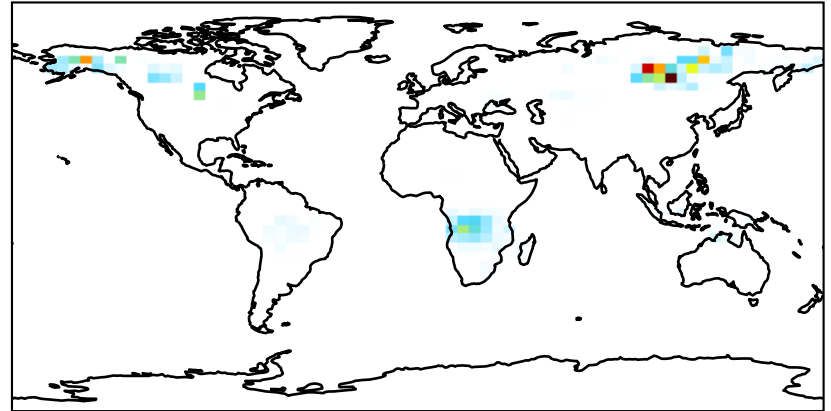


EmisCO_BioBurn (Jul2019)

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

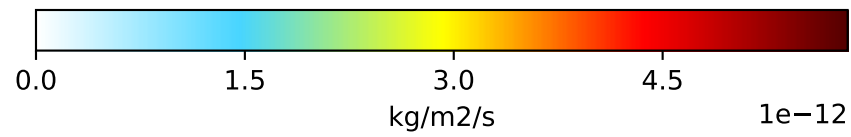
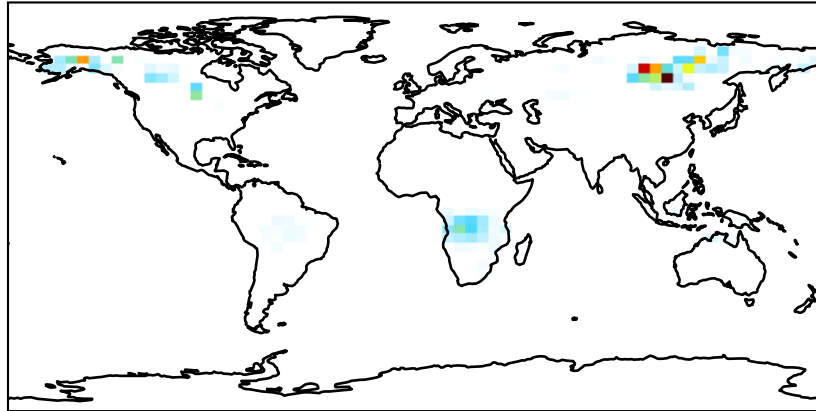


Ratio
Dev/Ref, Fixed Range

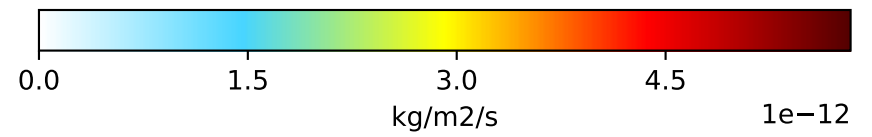
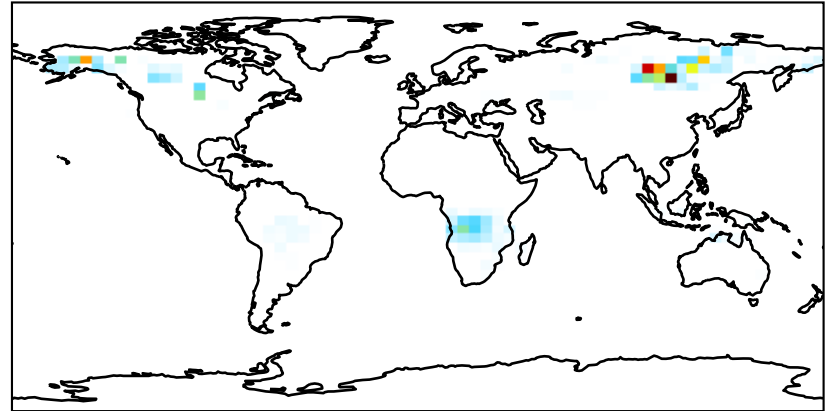


EmisEOH_BioBurn (Jul2019)

GCC_14.0.0_1yr (Ref)
4.0x5.0



GCC_14.0.0_10yr (Dev)
4.0x5.0



Difference
Dev - Ref, Dynamic Range



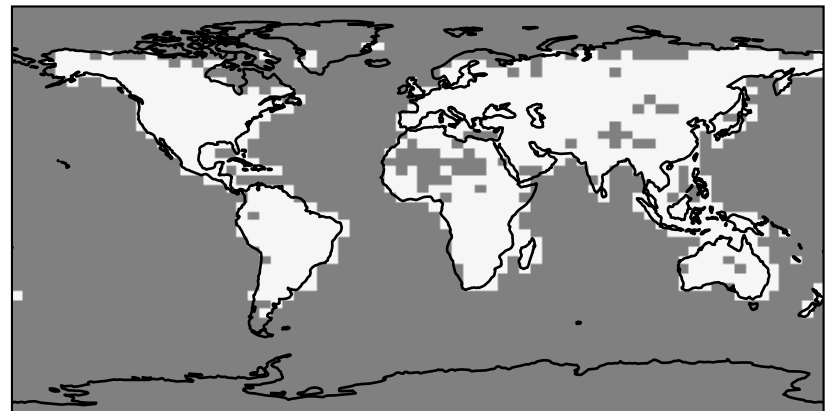
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

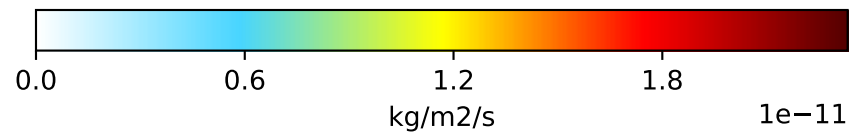
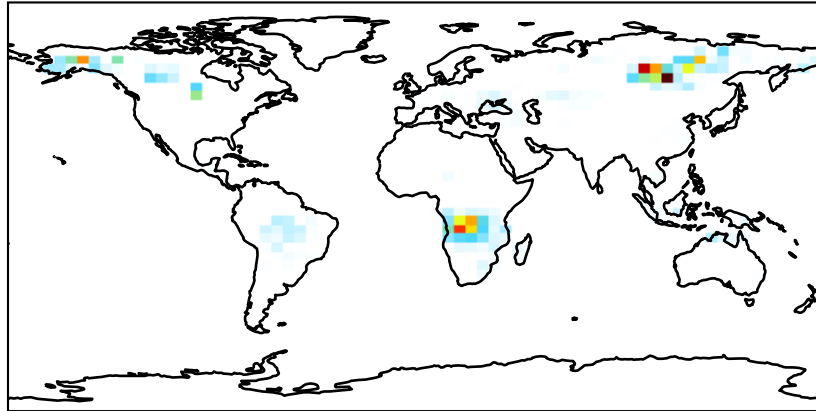


Ratio
Dev/Ref, Fixed Range

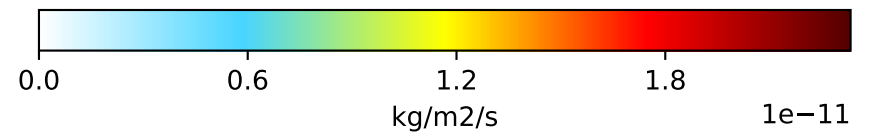
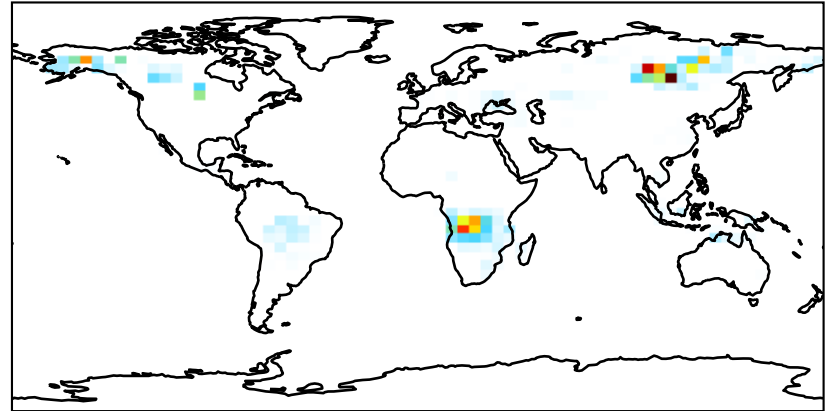


EmisMEK_BioBurn (Jul2019)

GCC_14.0.0_1yr (Ref)
4.0x5.0



GCC_14.0.0_10yr (Dev)
4.0x5.0



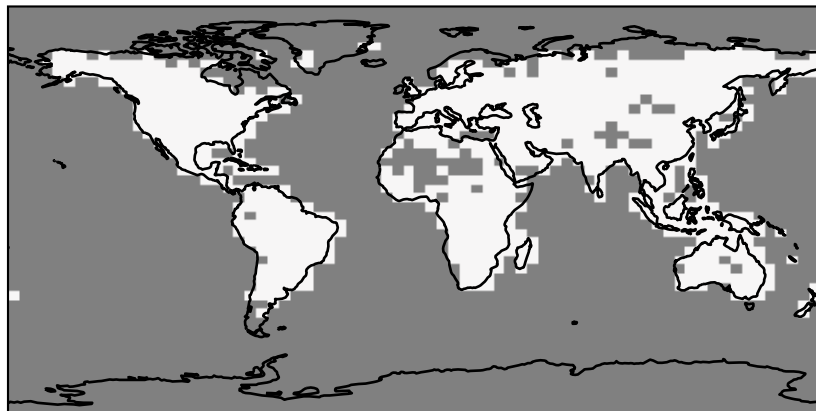
Difference
Dev - Ref, Dynamic Range



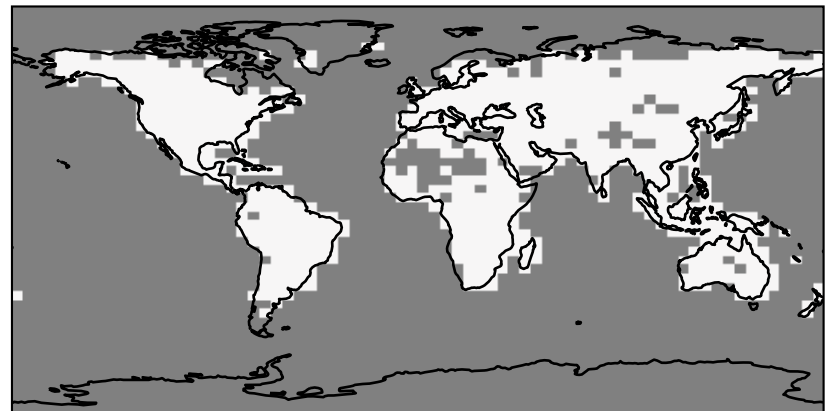
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

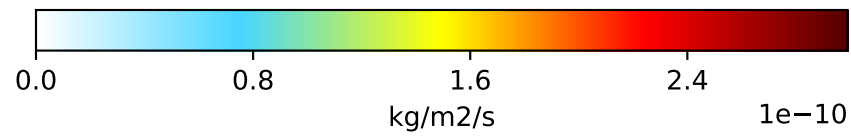
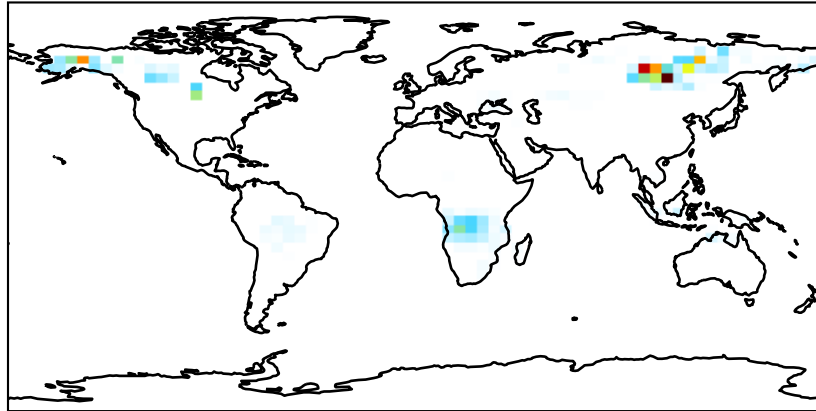


Ratio
Dev/Ref, Fixed Range

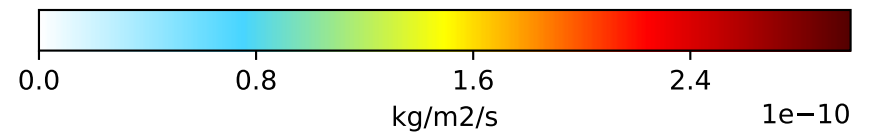
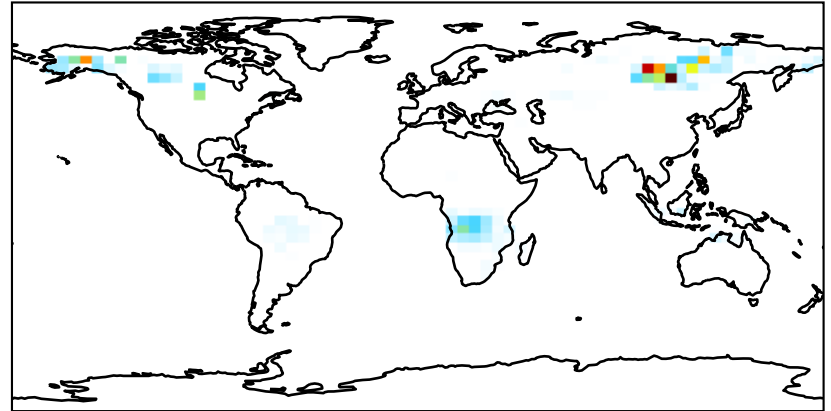


EmisMOH_BioBurn (Jul2019)

GCC_14.0.0_1yr (Ref)
4.0x5.0



GCC_14.0.0_10yr (Dev)
4.0x5.0



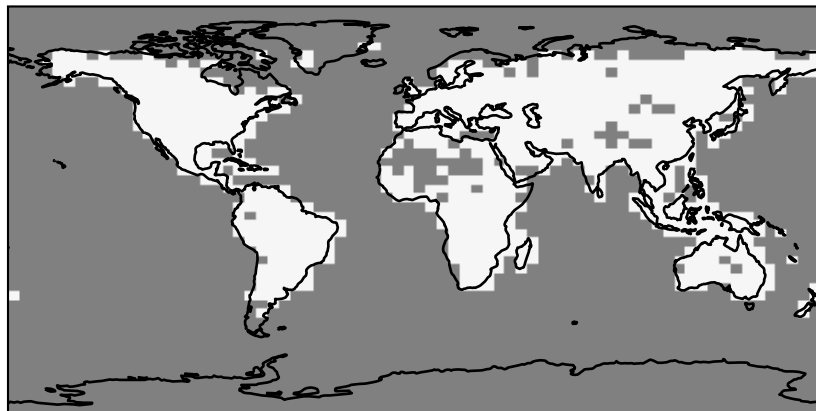
Difference
Dev - Ref, Dynamic Range



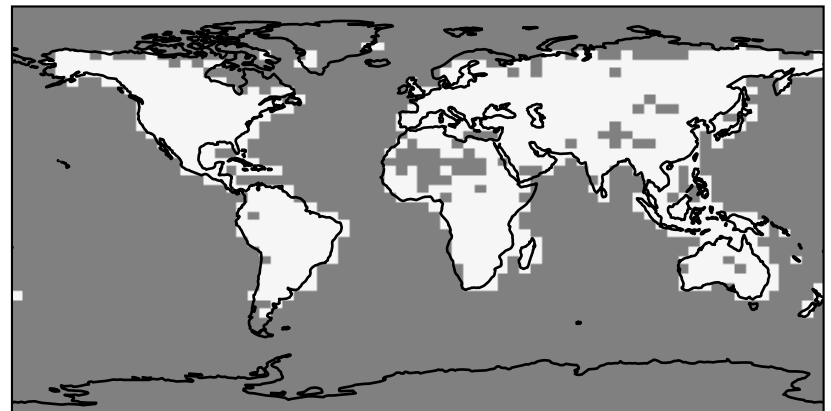
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

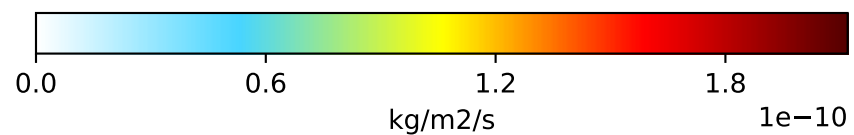
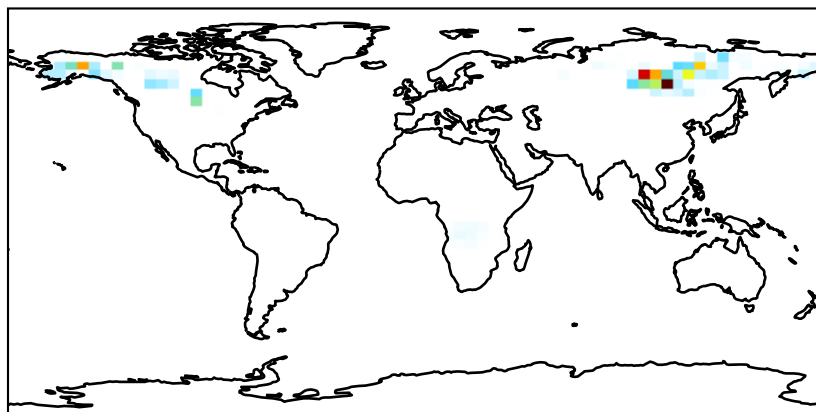


Ratio
Dev/Ref, Fixed Range

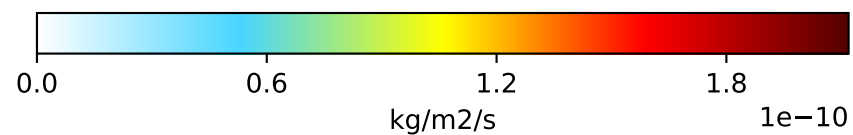
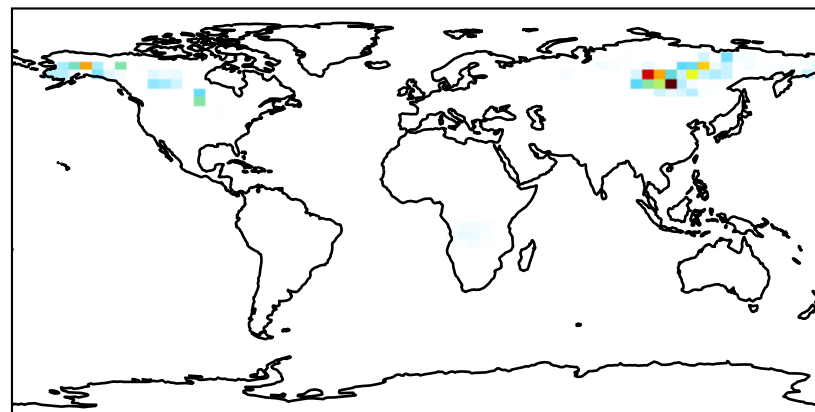


EmisMTPA_BioBurn (Jul2019)

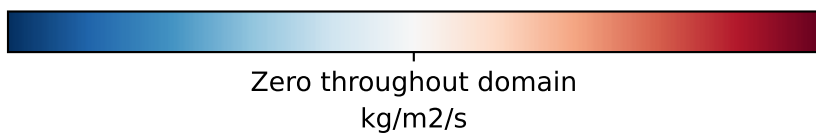
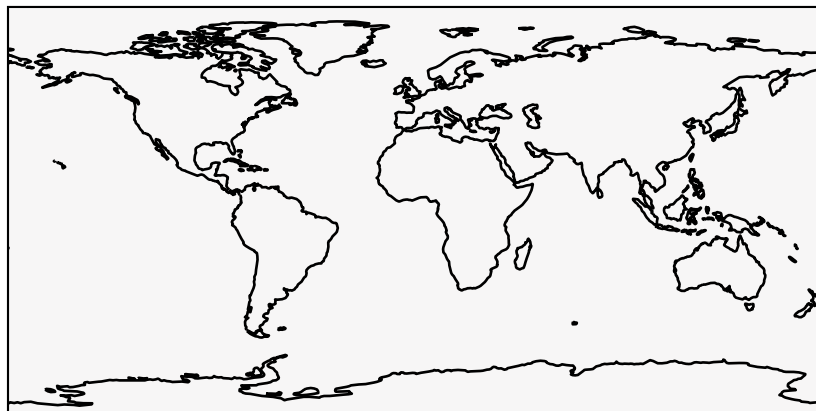
GCC_14.0.0_1yr (Ref)
4.0x5.0



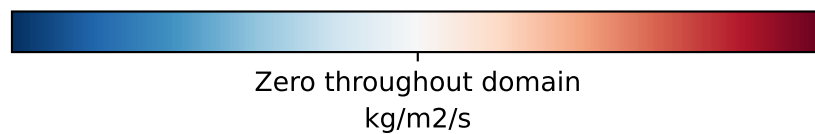
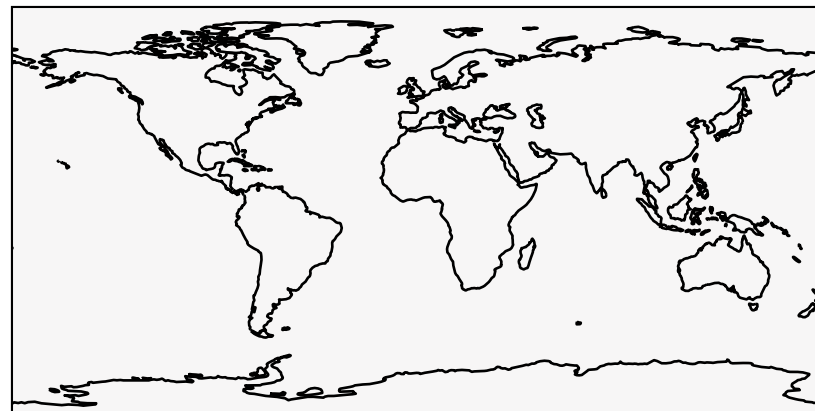
GCC_14.0.0_10yr (Dev)
4.0x5.0



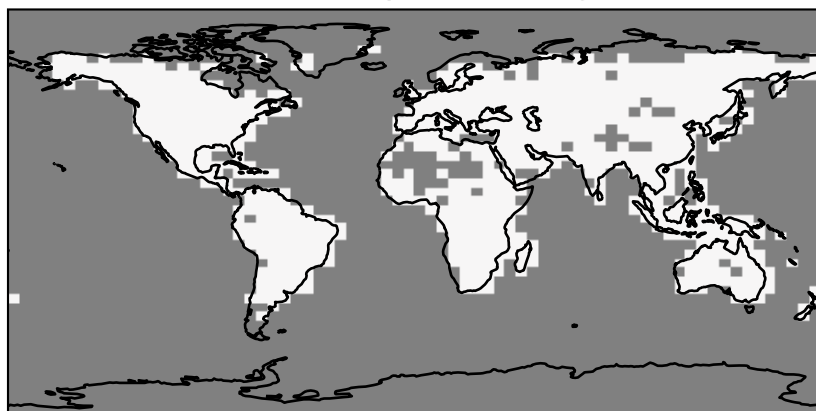
Difference
Dev - Ref, Dynamic Range



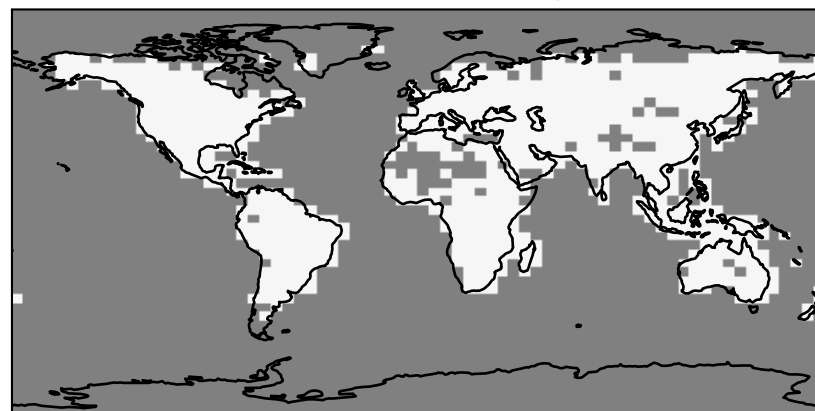
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

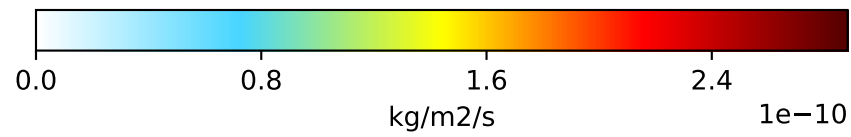
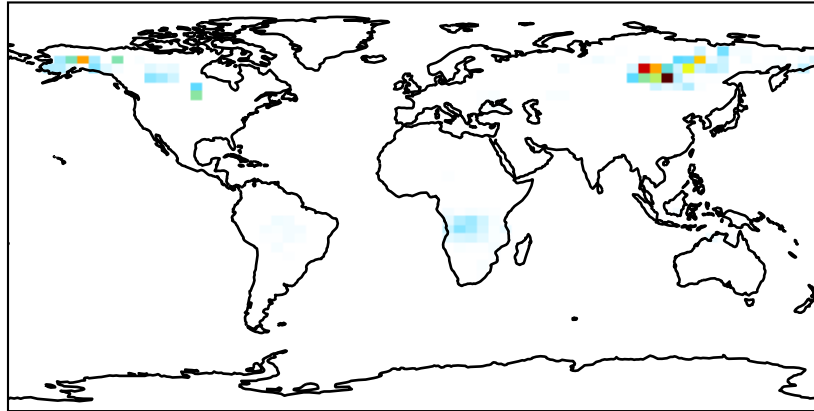


Ratio
Dev/Ref, Fixed Range

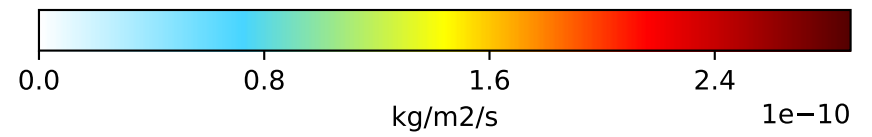
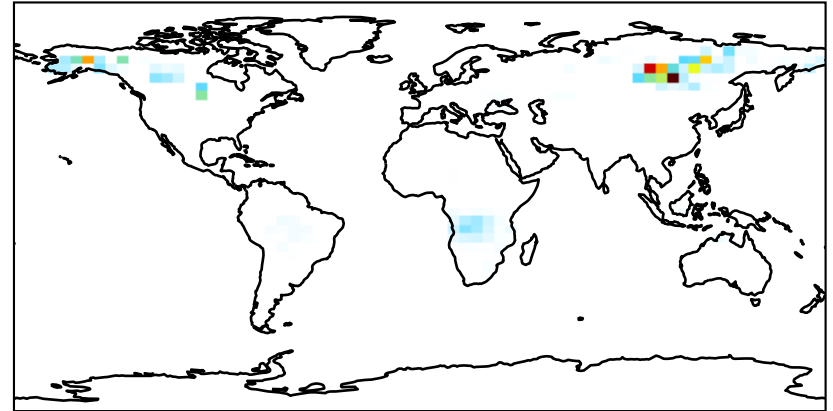


EmisNH3_BioBurn (Jul2019)

GCC_14.0.0_1yr (Ref)
4.0x5.0



GCC_14.0.0_10yr (Dev)
4.0x5.0



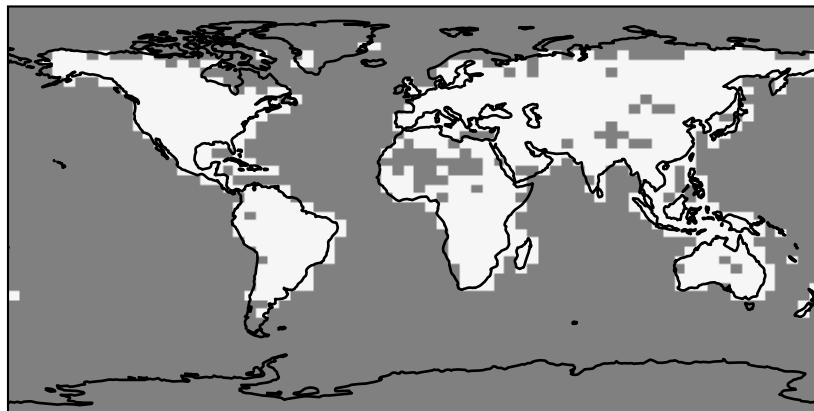
Difference
Dev - Ref, Dynamic Range



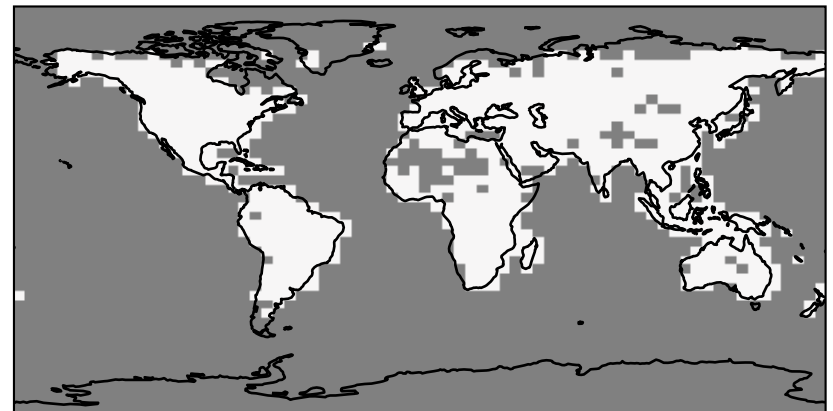
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

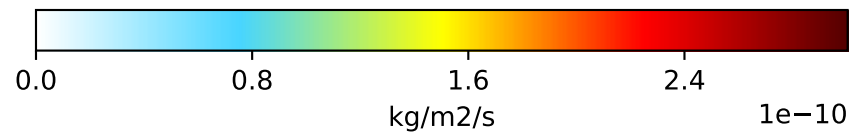
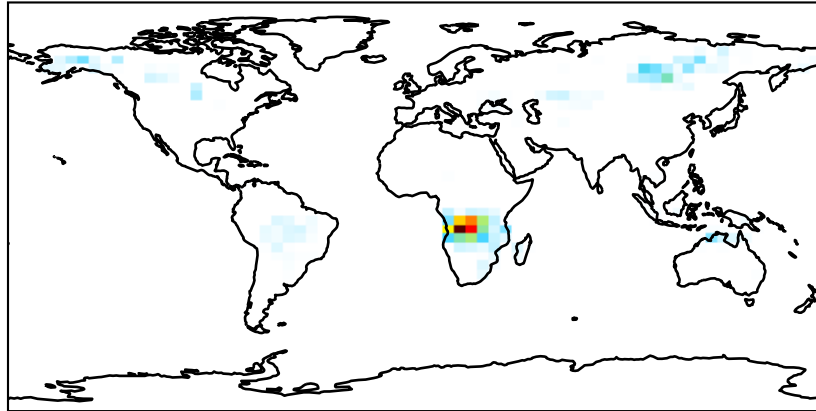


Ratio
Dev/Ref, Fixed Range

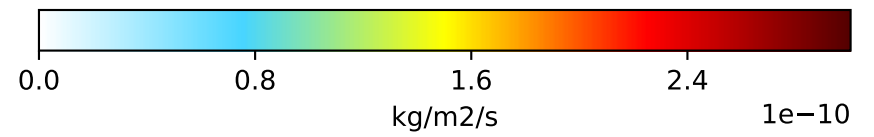
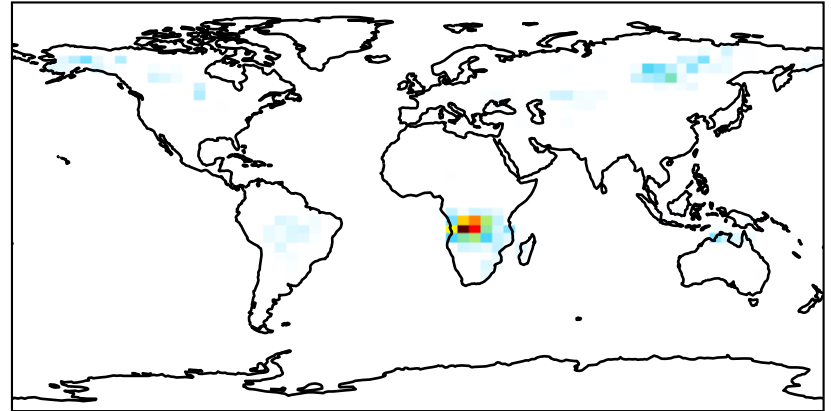


EmisNO_BioBurn (Jul2019)

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

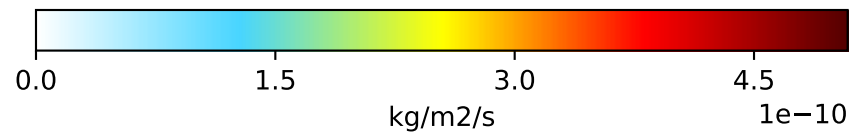
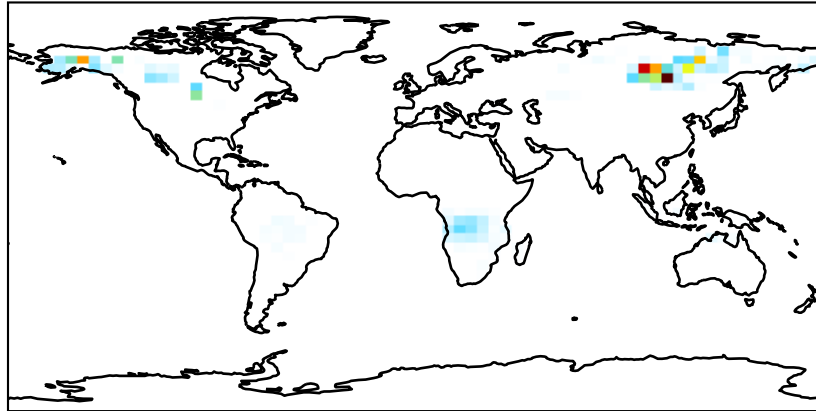


Ratio
Dev/Ref, Fixed Range

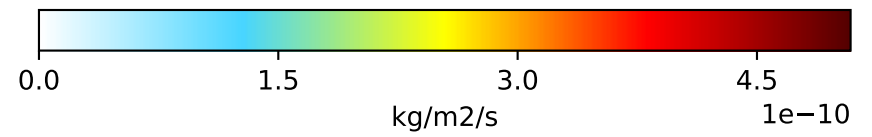
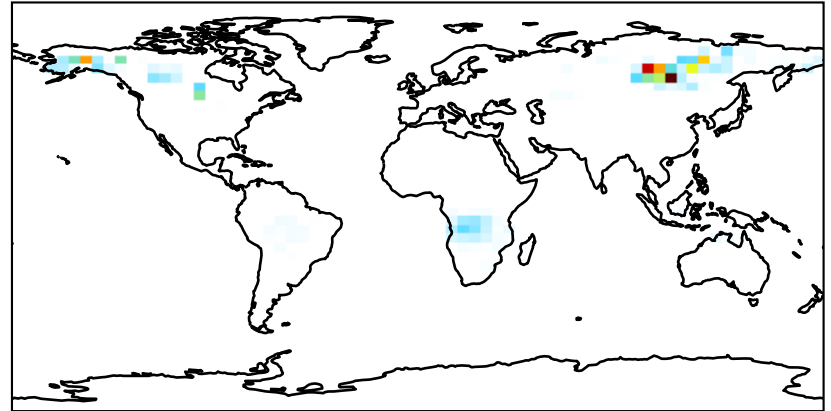


EmisOCPI_BioBurn (Jul2019)

GCC_14.0.0_1yr (Ref)
4.0x5.0



GCC_14.0.0_10yr (Dev)
4.0x5.0



Difference
Dev - Ref, Dynamic Range



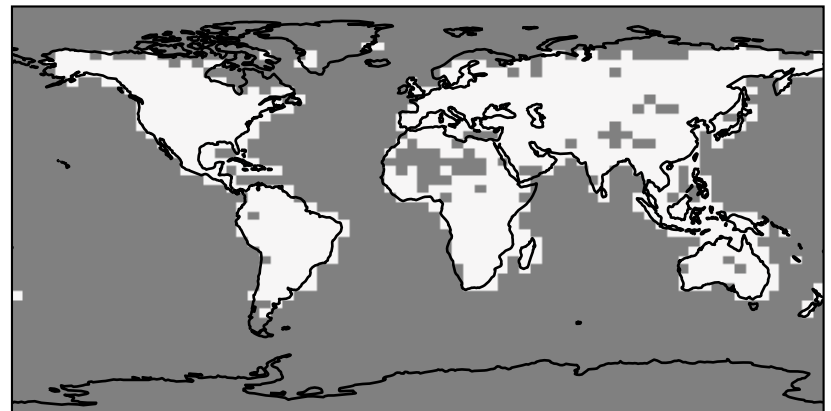
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

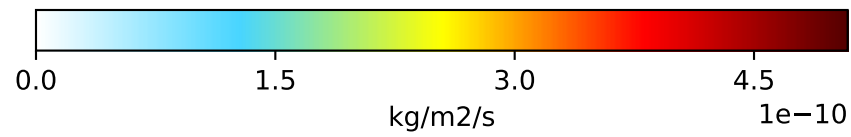
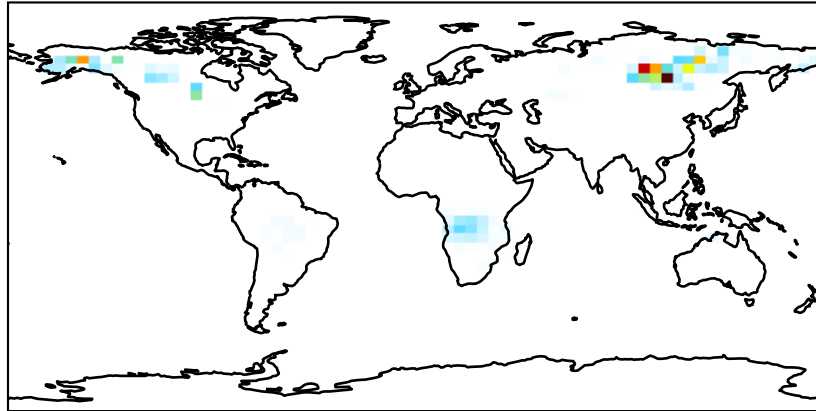


Ratio
Dev/Ref, Fixed Range

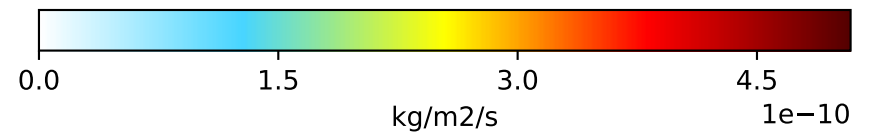
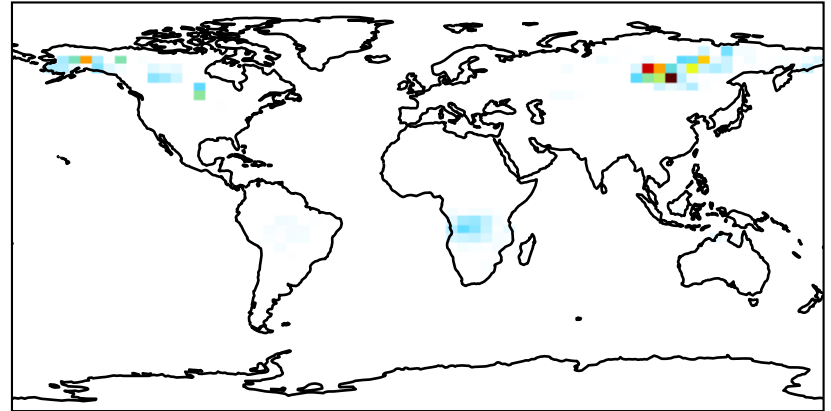


EmisOCPO_BioBurn (Jul2019)

GCC_14.0.0_1yr (Ref)
4.0x5.0



GCC_14.0.0_10yr (Dev)
4.0x5.0

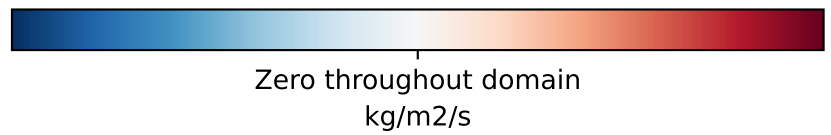
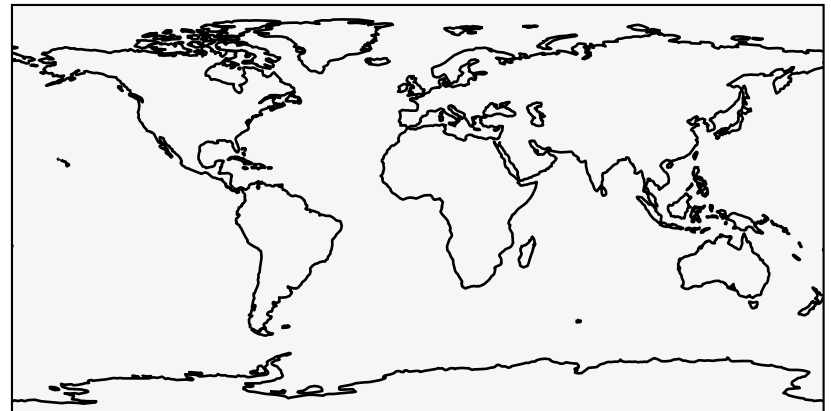


Difference
Dev - Ref, Dynamic Range



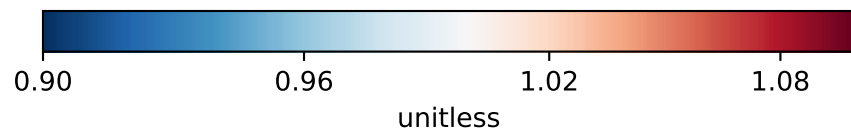
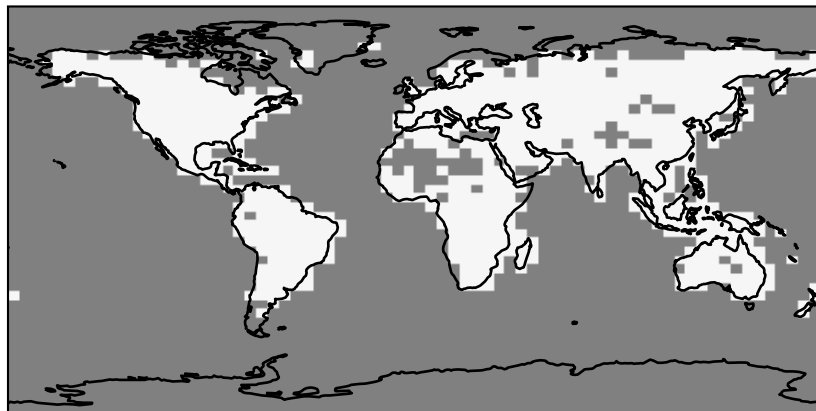
Zero throughout domain
kg/m2/s

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



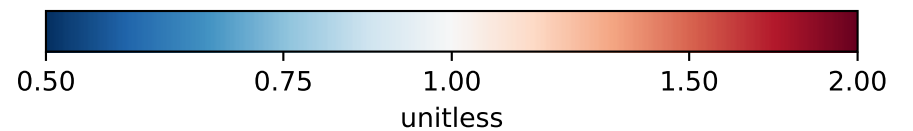
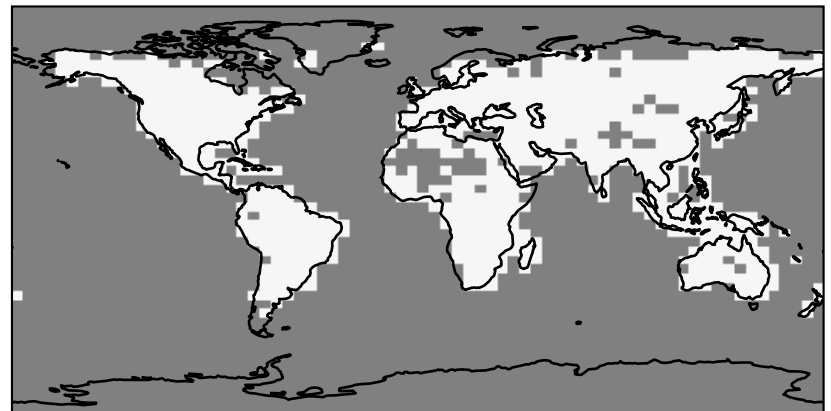
Zero throughout domain
kg/m2/s

Ratio
Dev/Ref, Dynamic Range



unitless

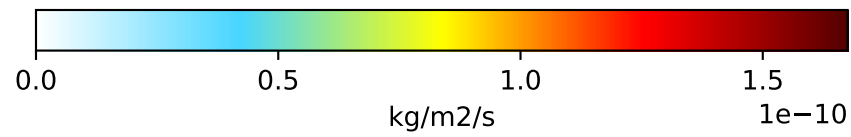
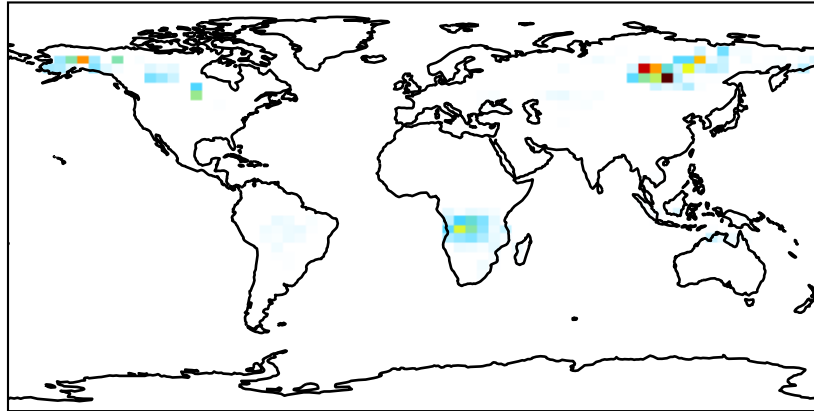
Ratio
Dev/Ref, Fixed Range



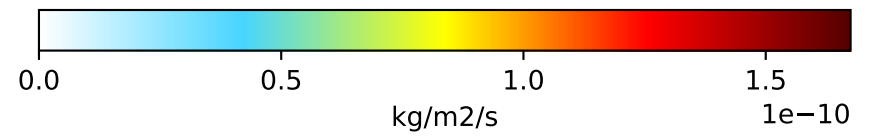
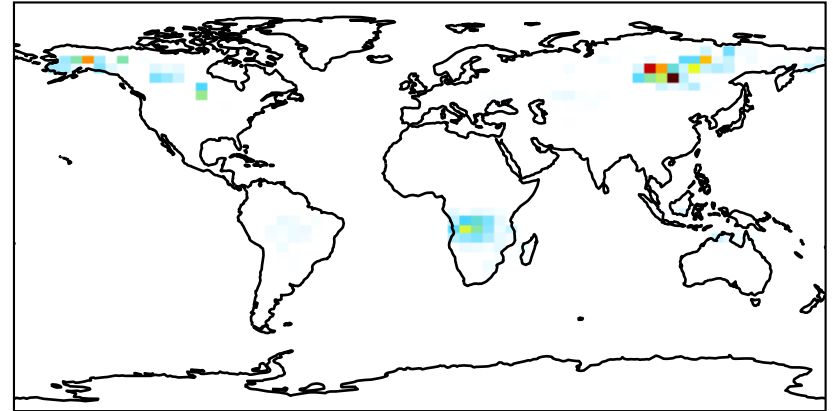
unitless

EmisPRPE_BioBurn (Jul2019)

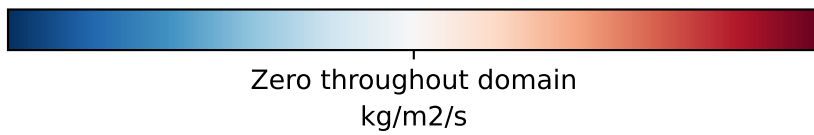
GCC_14.0.0_1yr (Ref)
4.0x5.0



GCC_14.0.0_10yr (Dev)
4.0x5.0



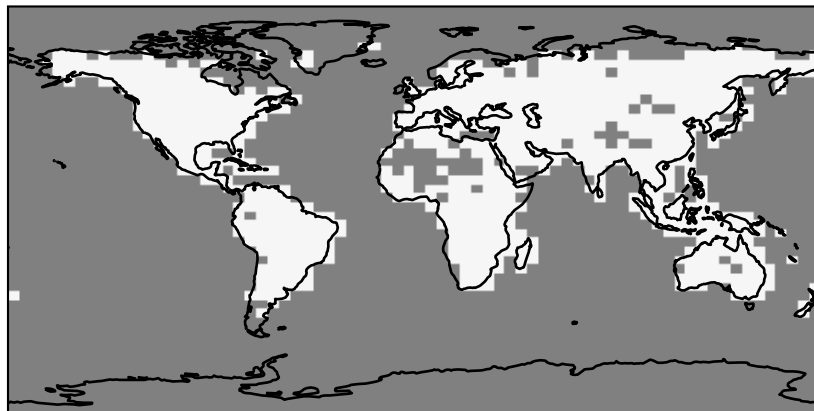
Difference
Dev - Ref, Dynamic Range



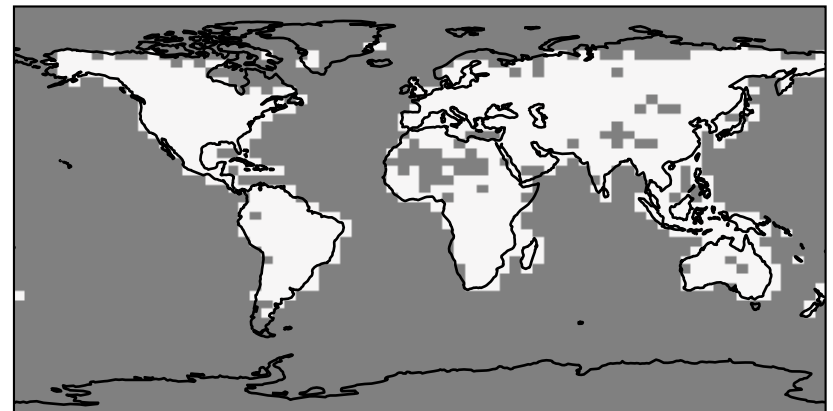
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

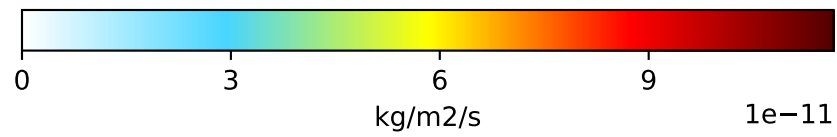
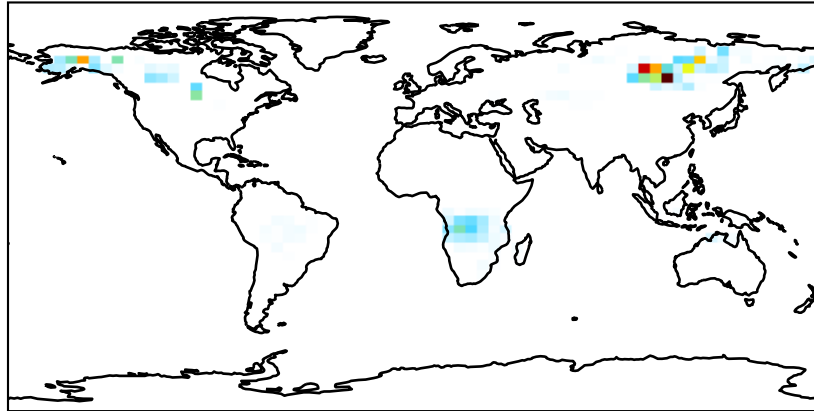


Ratio
Dev/Ref, Fixed Range

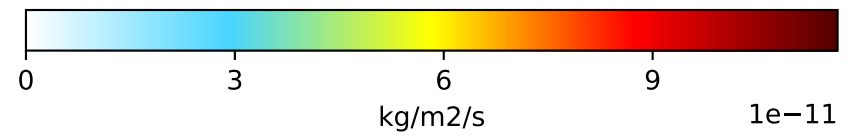
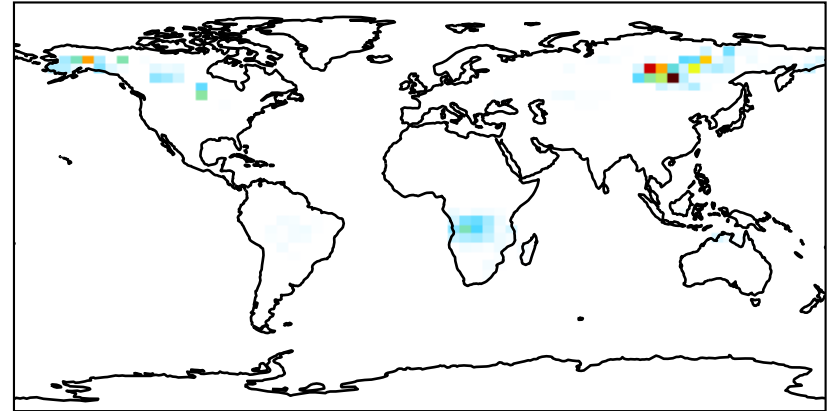


EmisSO2_BioBurn (Jul2019)

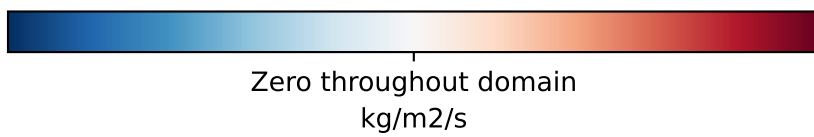
GCC_14.0.0_1yr (Ref)
4.0x5.0



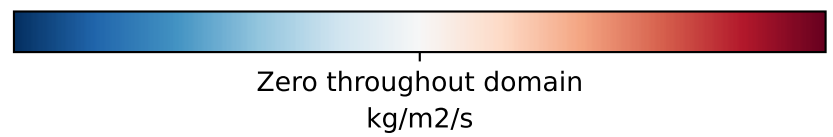
GCC_14.0.0_10yr (Dev)
4.0x5.0



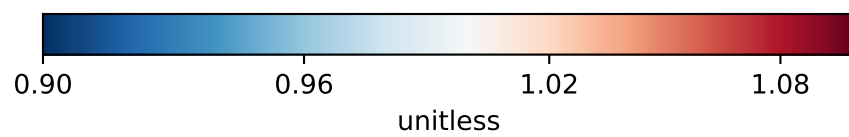
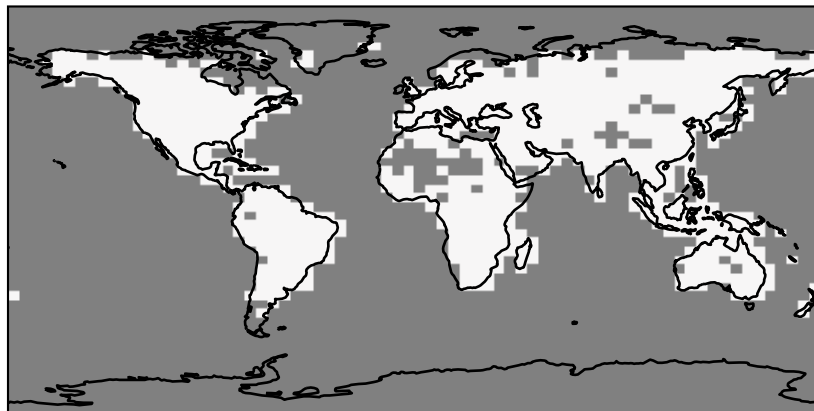
Difference
Dev - Ref, Dynamic Range



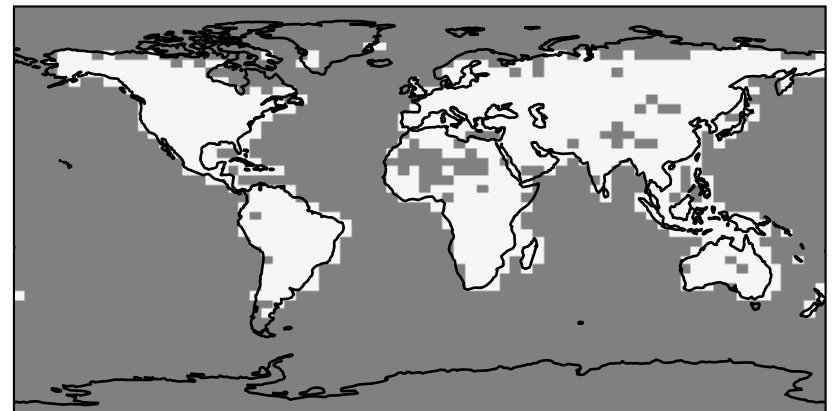
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

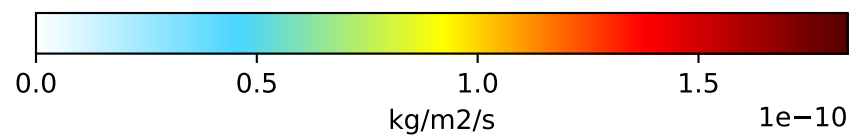
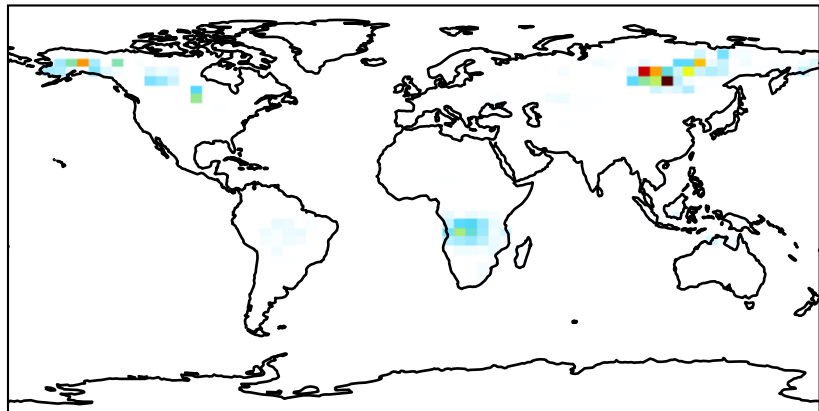


Ratio
Dev/Ref, Fixed Range

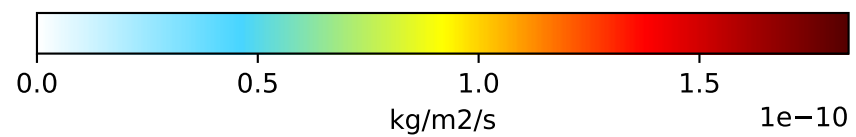
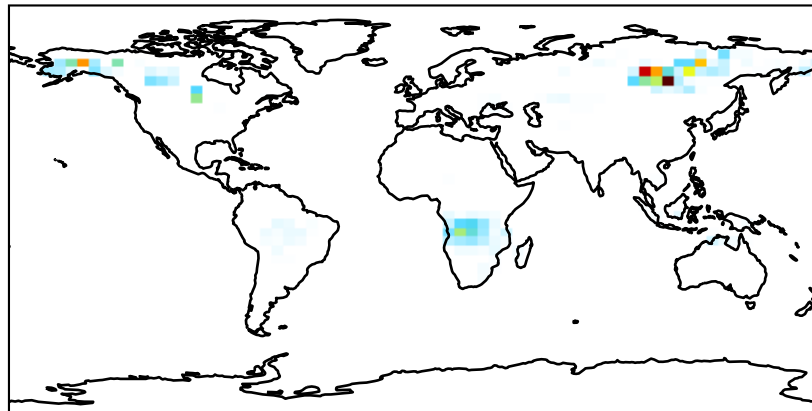


EmisSOAP_BioBurn (Jul2019)

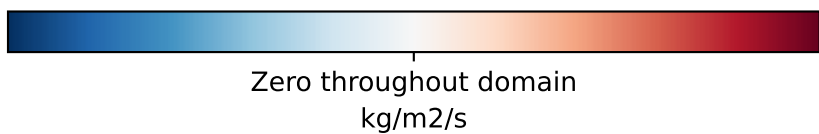
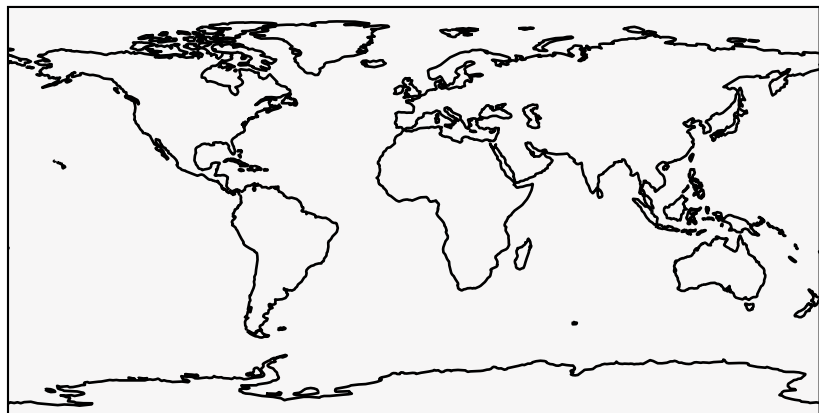
GCC_14.0.0_1yr (Ref)
4.0x5.0



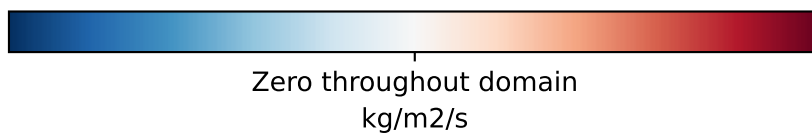
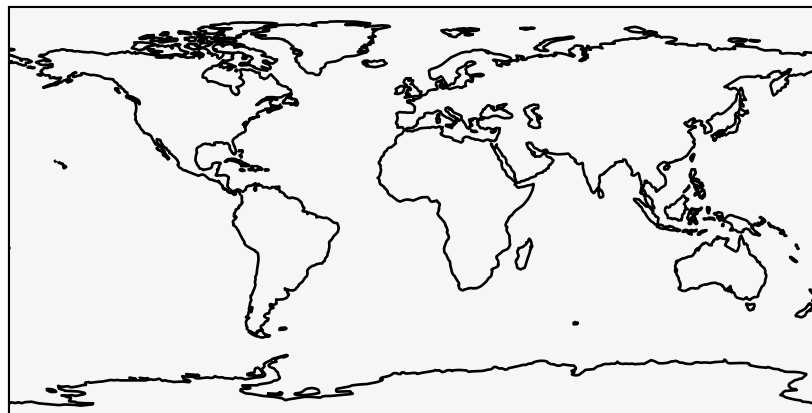
GCC_14.0.0_10yr (Dev)
4.0x5.0



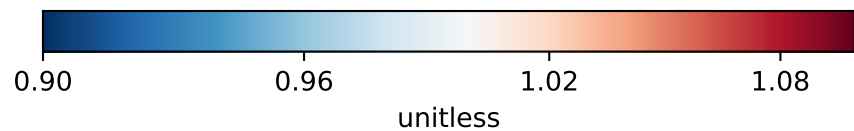
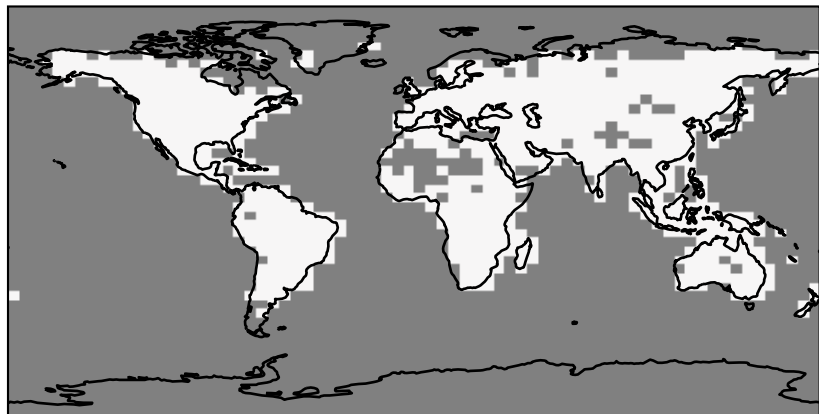
Difference
Dev - Ref, Dynamic Range



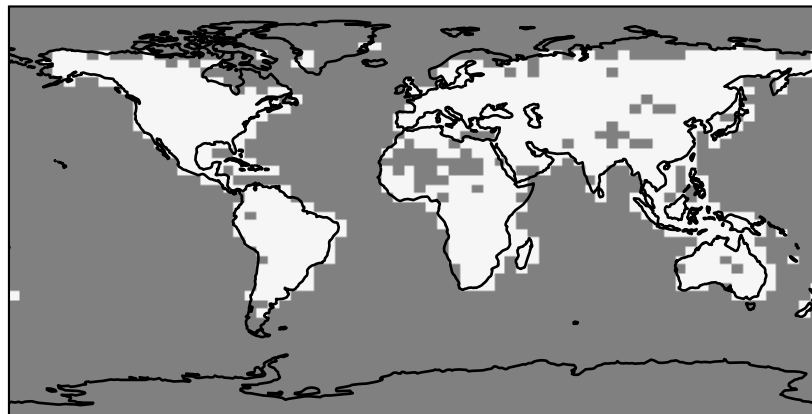
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

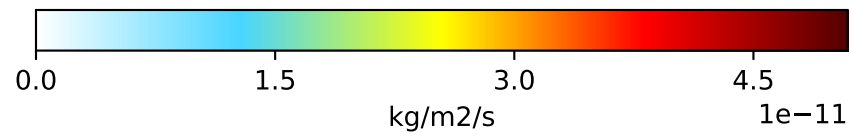
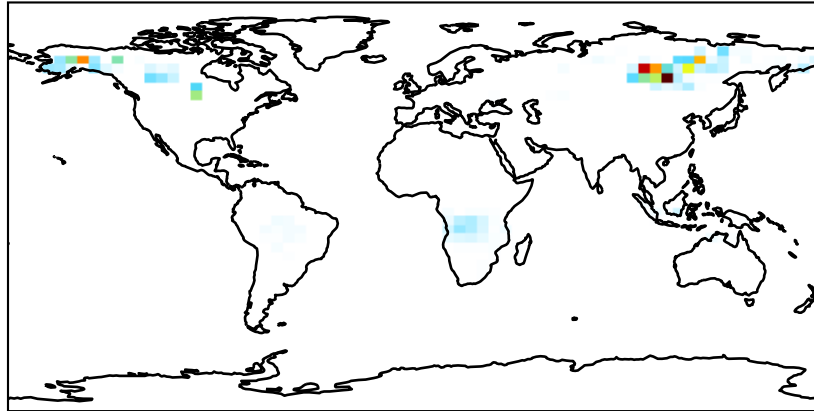


Ratio
Dev/Ref, Fixed Range

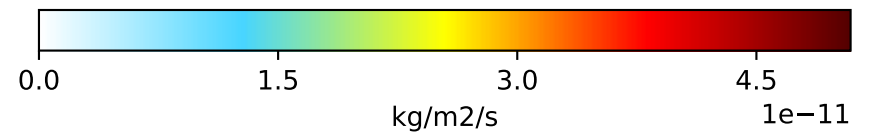
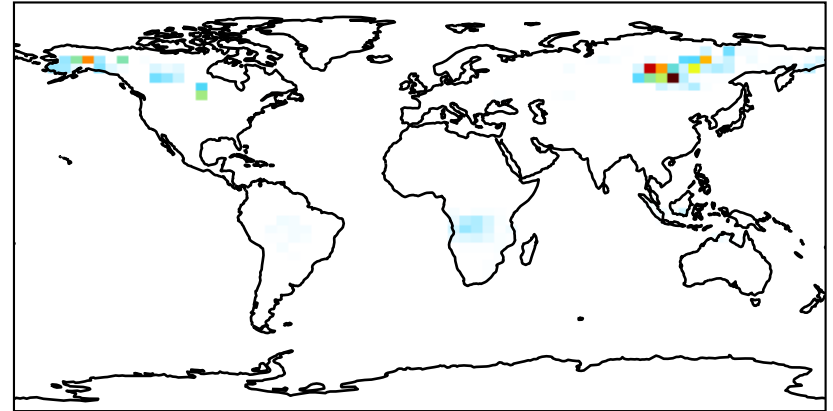


EmisTOLU_BioBurn (Jul2019)

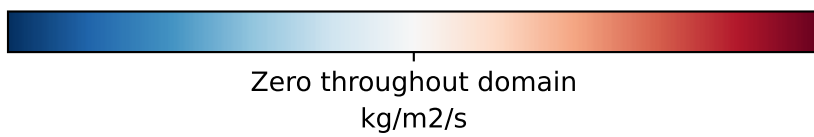
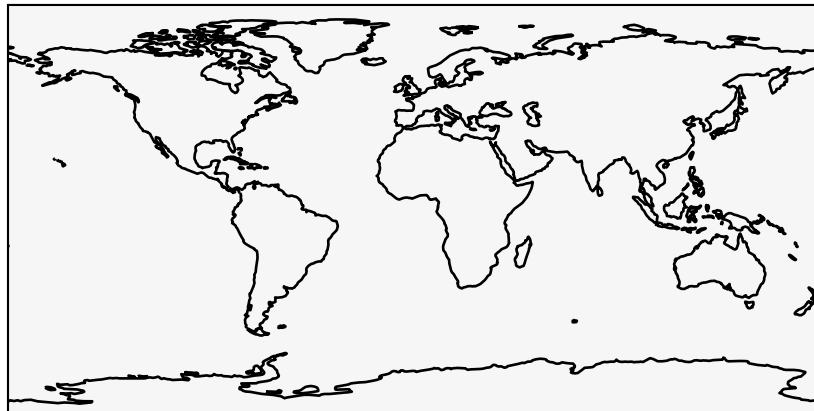
GCC_14.0.0_1yr (Ref)
4.0x5.0



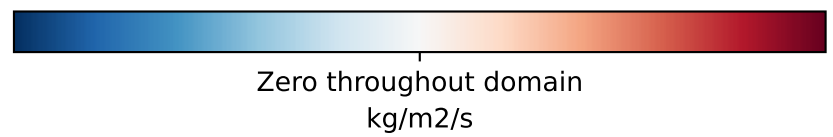
GCC_14.0.0_10yr (Dev)
4.0x5.0



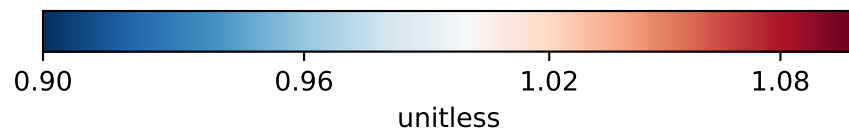
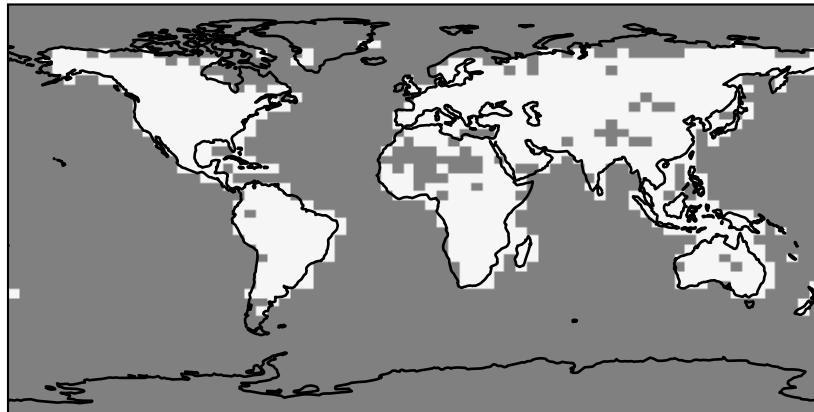
Difference
Dev - Ref, Dynamic Range



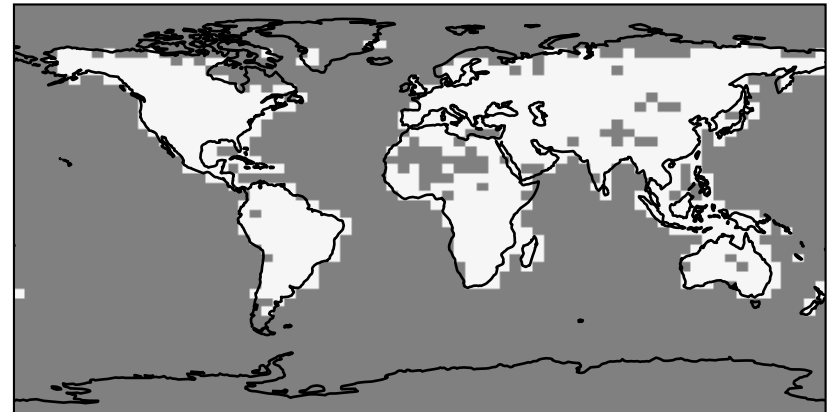
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

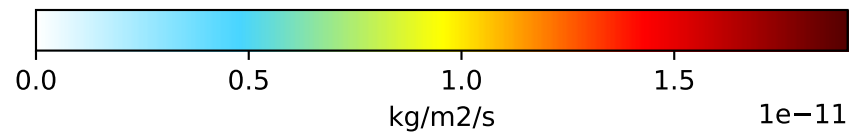
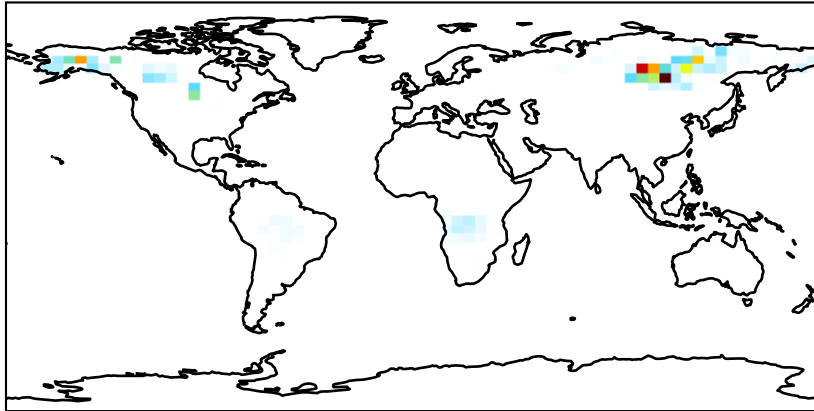


Ratio
Dev/Ref, Fixed Range

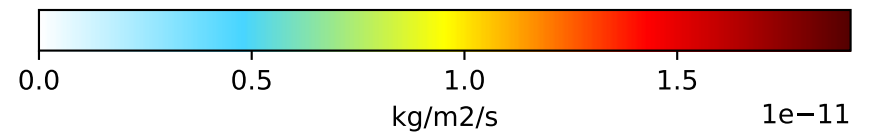
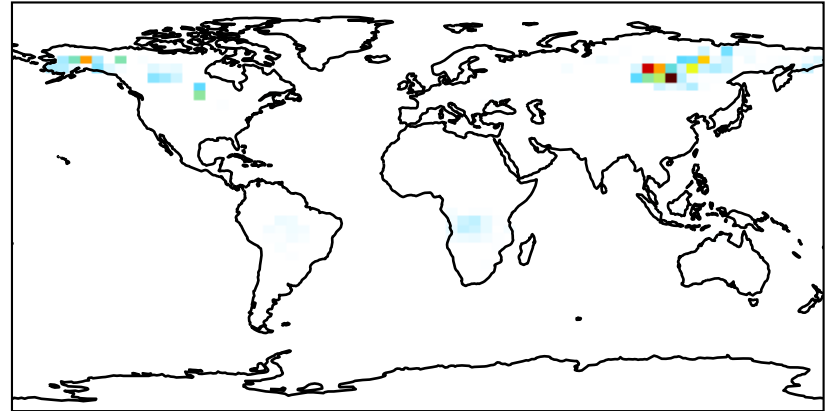


EmisXYLE_BioBurn (Jul2019)

GCC_14.0.0_1yr (Ref)
4.0x5.0



GCC_14.0.0_10yr (Dev)
4.0x5.0



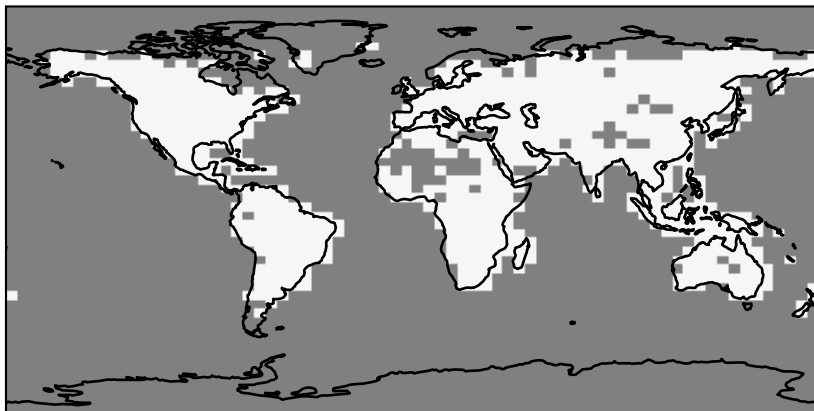
Difference
Dev - Ref, Dynamic Range



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



Ratio
Dev/Ref, Dynamic Range



Ratio
Dev/Ref, Fixed Range

