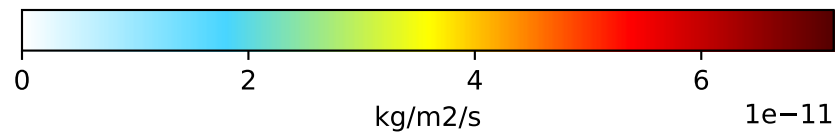
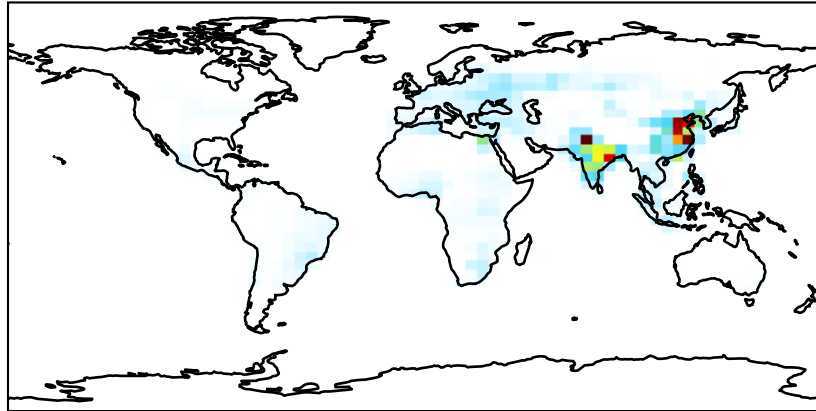
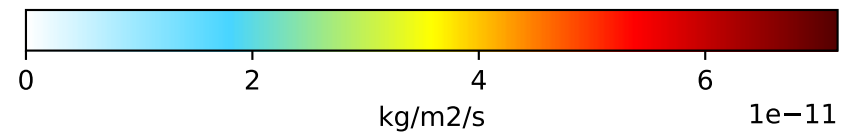
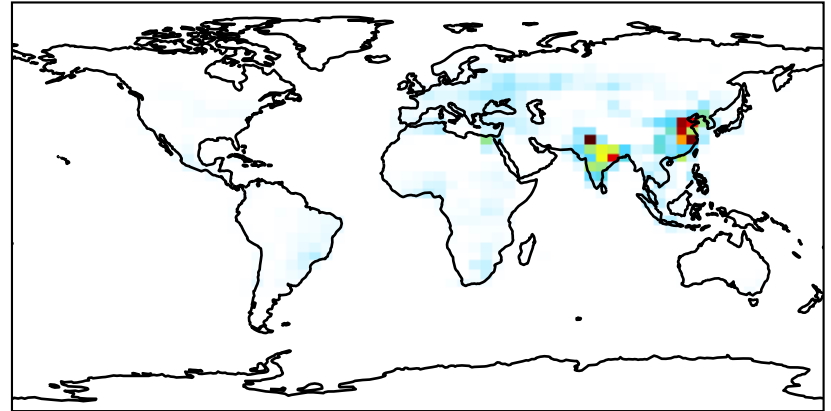


# EmisDST1\_Anthro (Oct2019)

GCC\_14.0.0\_1yr (Ref)  
4.0x5.0



GCC\_14.0.0\_10yr (Dev)  
4.0x5.0



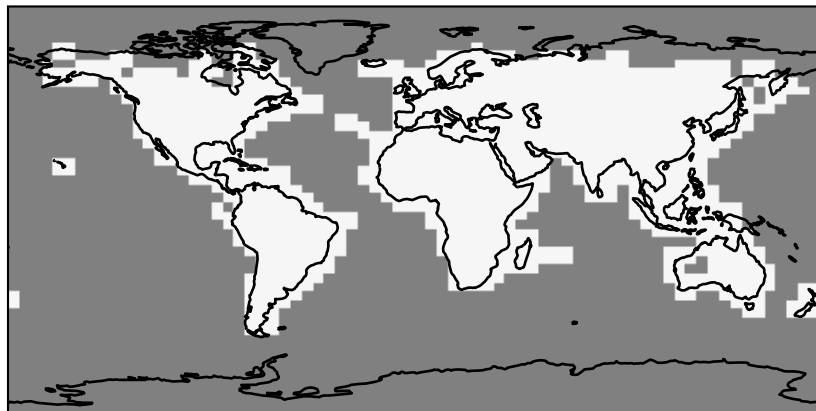
Difference  
Dev - Ref, Dynamic Range



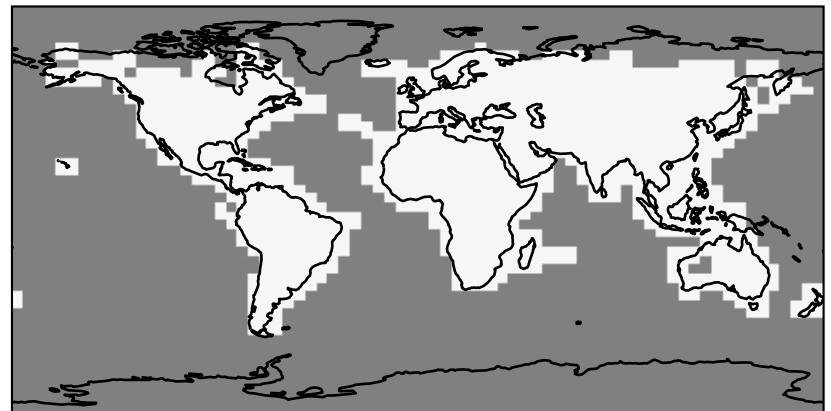
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

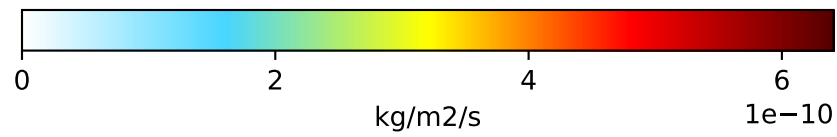
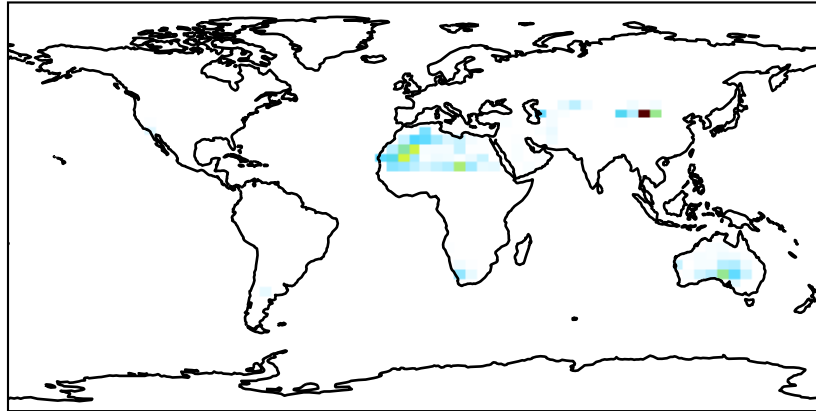


Ratio  
Dev/Ref, Fixed Range

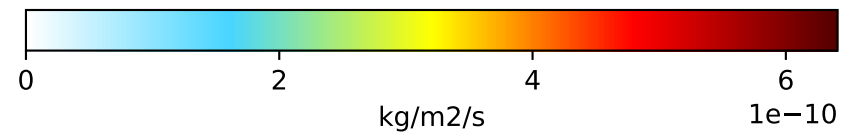
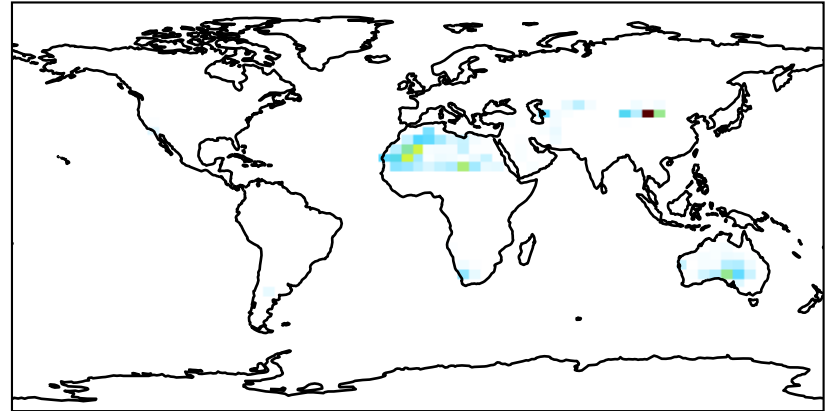


# EmisDST1\_Natural (Oct2019)

GCC\_14.0.0\_1yr (Ref)  
4.0x5.0



GCC\_14.0.0\_10yr (Dev)  
4.0x5.0



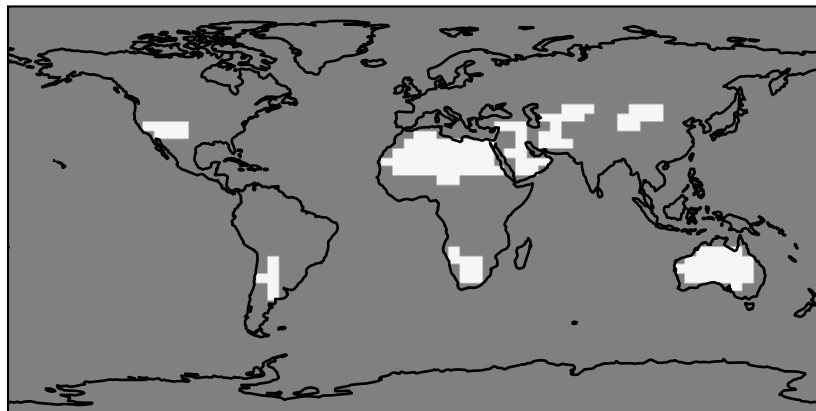
Difference  
Dev - Ref, Dynamic Range



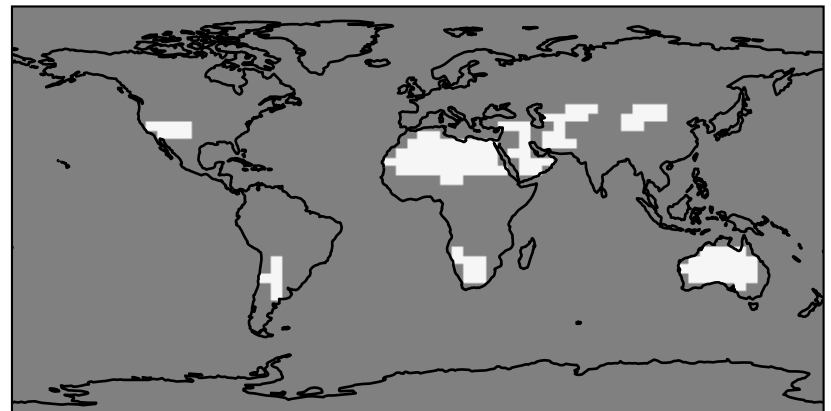
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

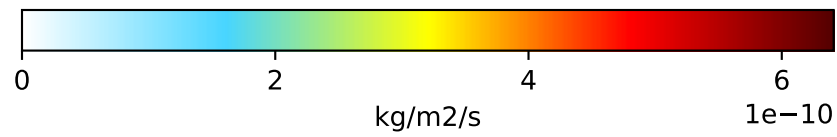
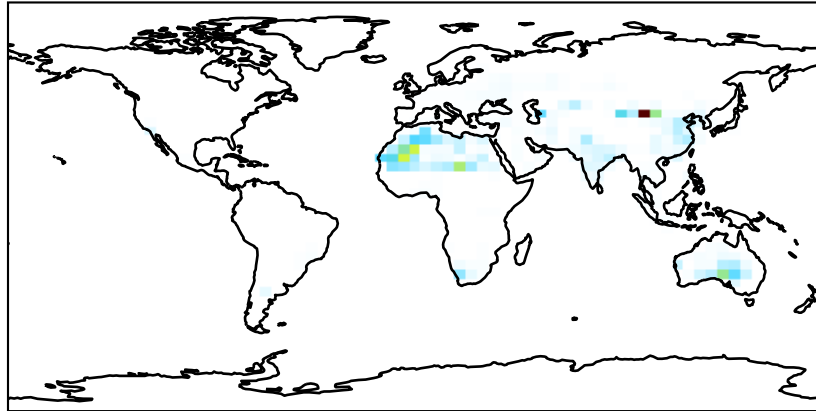


Ratio  
Dev/Ref, Fixed Range

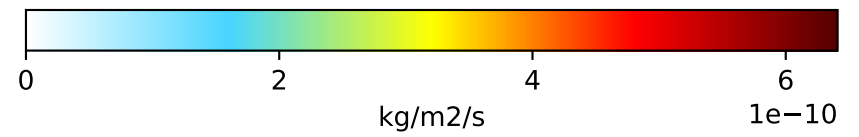
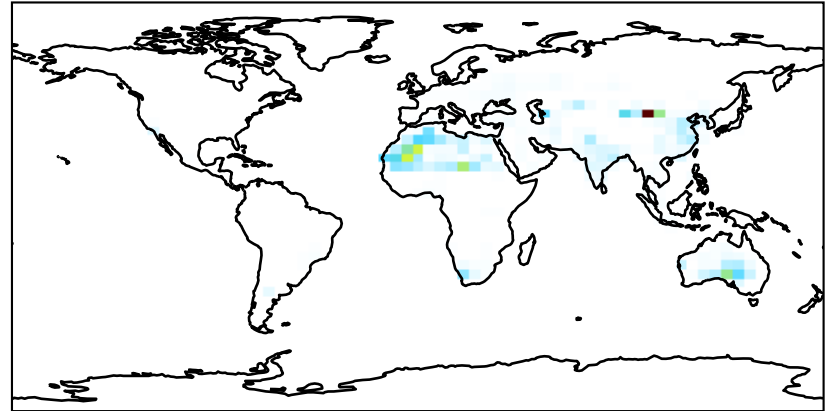


# EmisDST1\_Total (Oct2019)

GCC\_14.0.0\_1yr (Ref)  
4.0x5.0



GCC\_14.0.0\_10yr (Dev)  
4.0x5.0



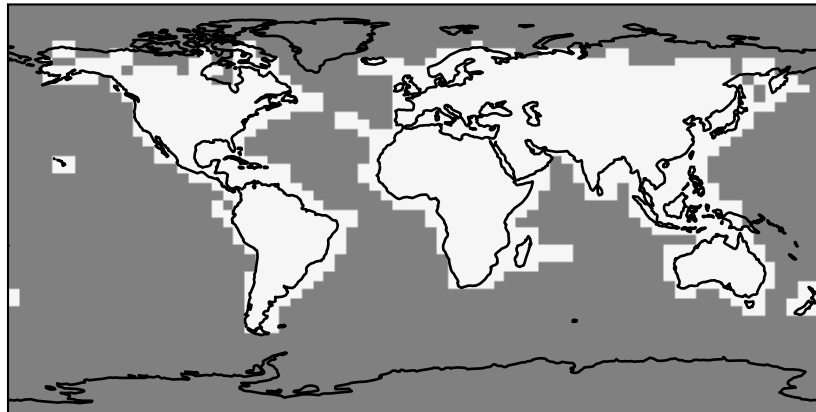
Difference  
Dev - Ref, Dynamic Range



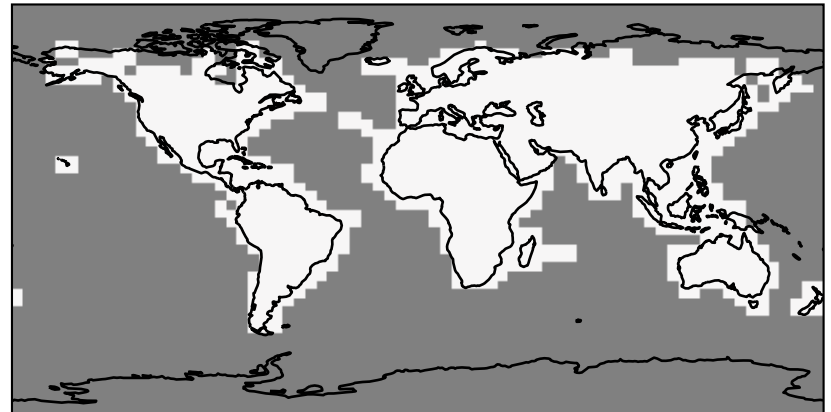
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

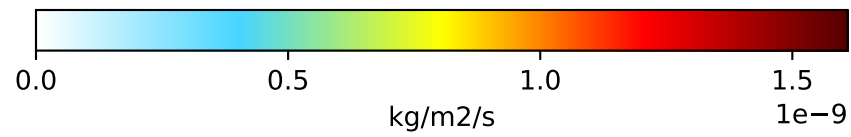
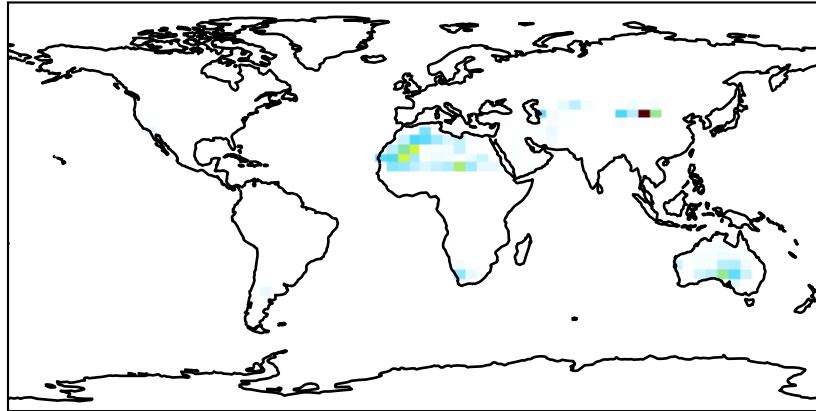


Ratio  
Dev/Ref, Fixed Range

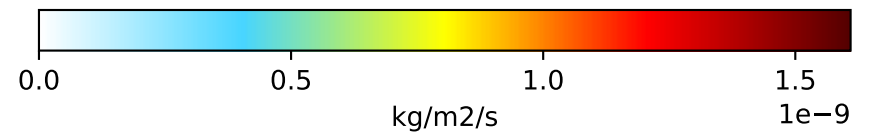
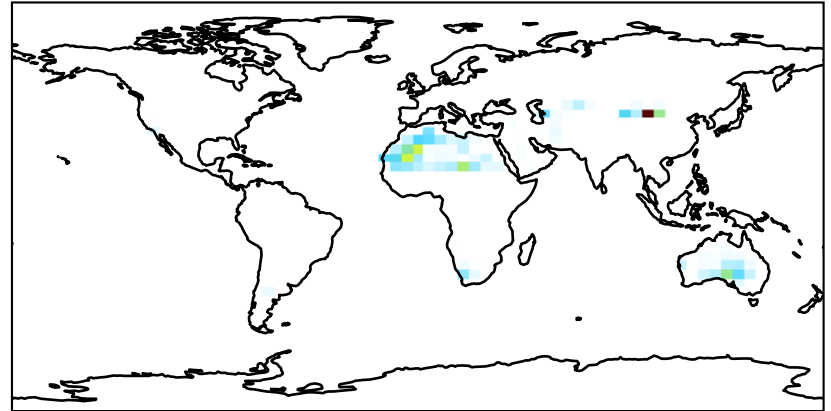


# EmisDST2\_Natural (Oct2019)

GCC\_14.0.0\_1yr (Ref)  
4.0x5.0



GCC\_14.0.0\_10yr (Dev)  
4.0x5.0



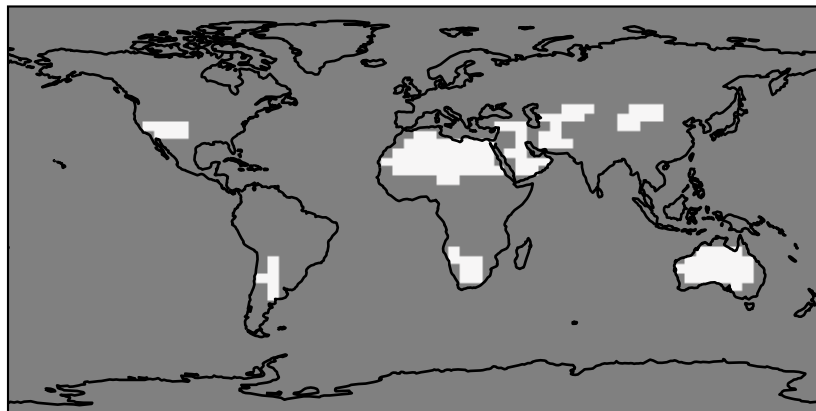
Difference  
Dev - Ref, Dynamic Range



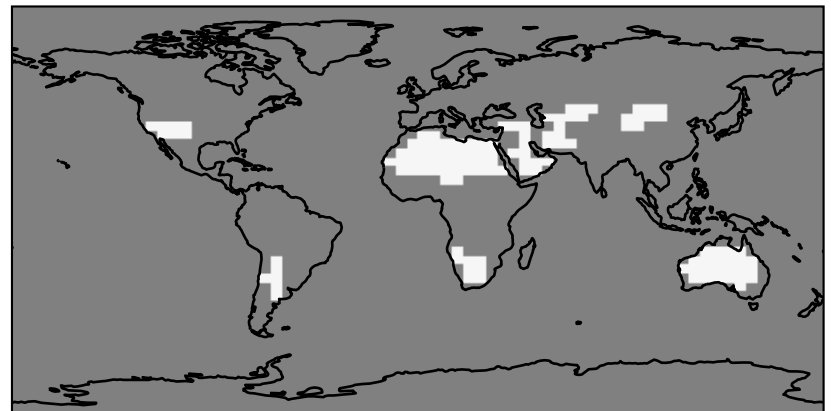
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range



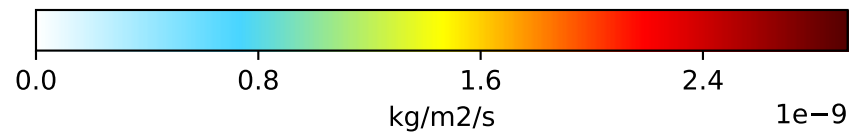
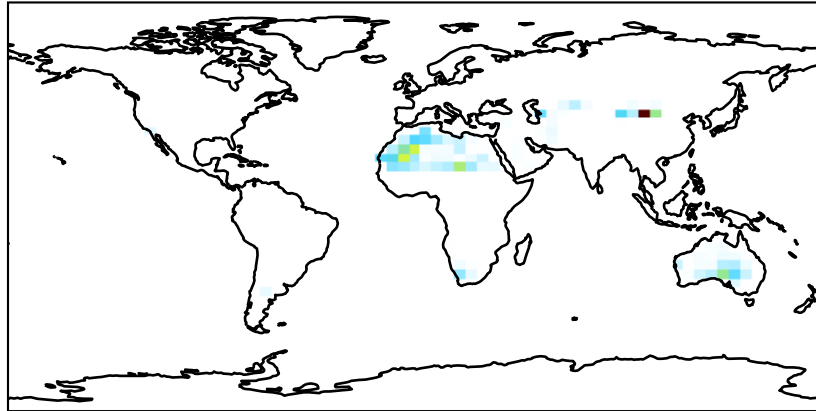
Ratio  
Dev/Ref, Fixed Range



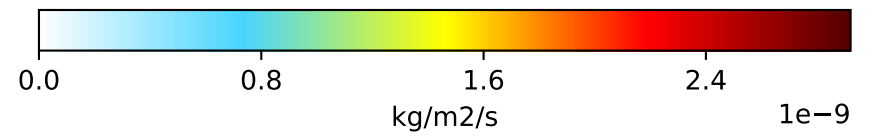
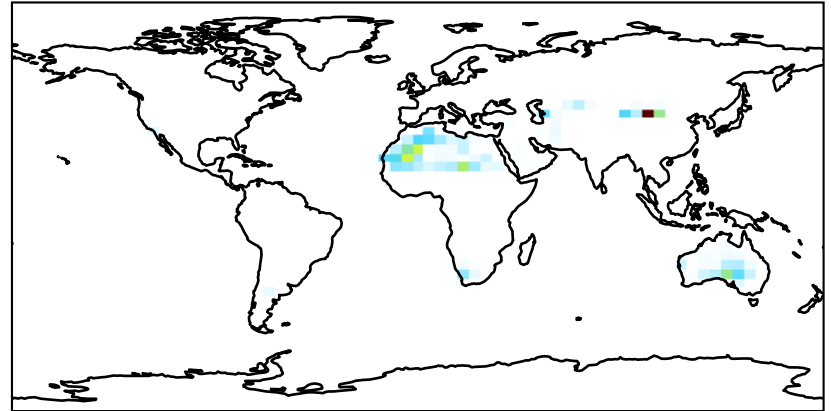


# EmisDST3\_Natural (Oct2019)

GCC\_14.0.0\_1yr (Ref)  
4.0x5.0



GCC\_14.0.0\_10yr (Dev)  
4.0x5.0



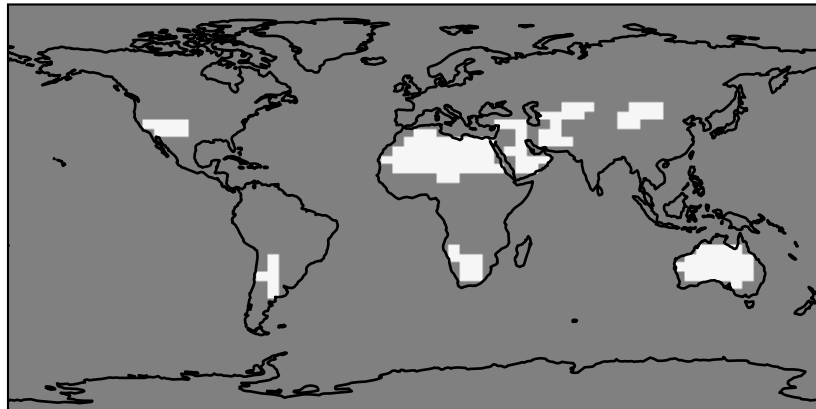
Difference  
Dev - Ref, Dynamic Range



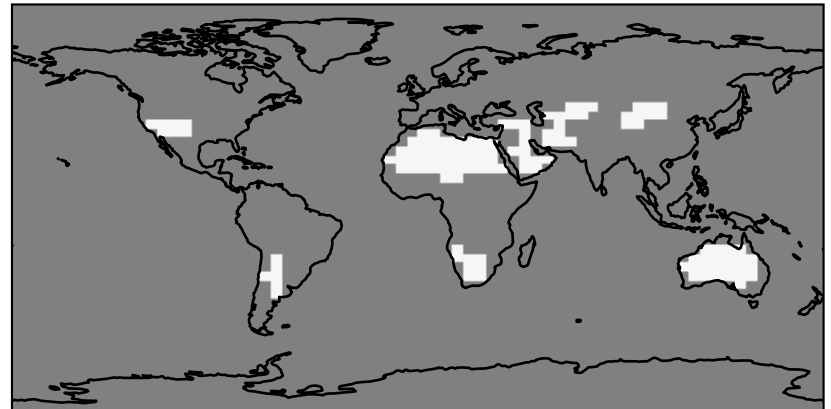
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

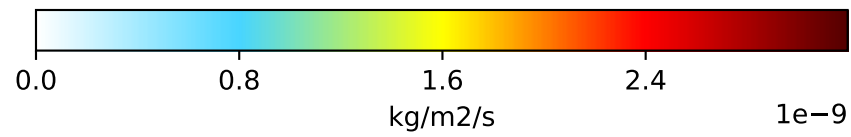
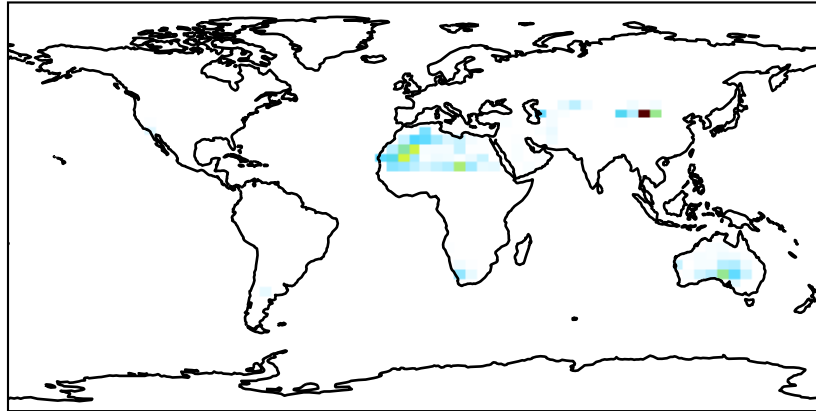


Ratio  
Dev/Ref, Fixed Range

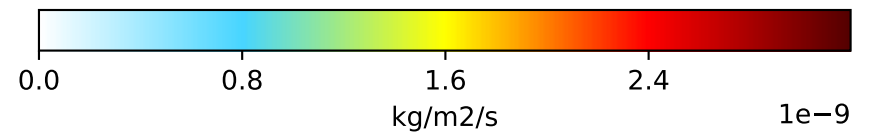
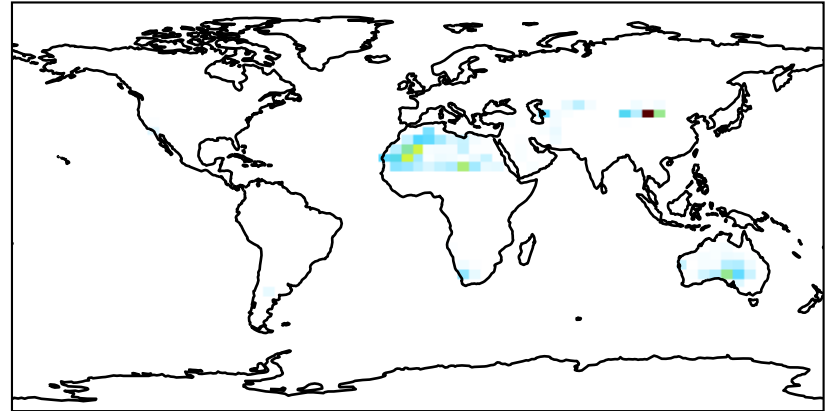


# EmisDST4\_Natural (Oct2019)

GCC\_14.0.0\_1yr (Ref)  
4.0x5.0



GCC\_14.0.0\_10yr (Dev)  
4.0x5.0



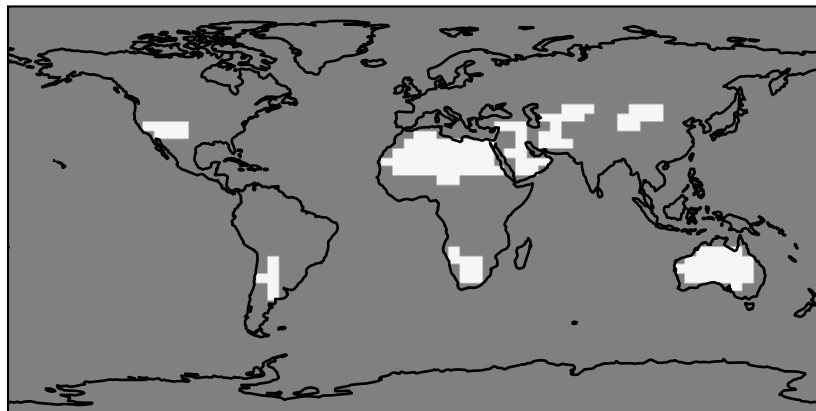
Difference  
Dev - Ref, Dynamic Range



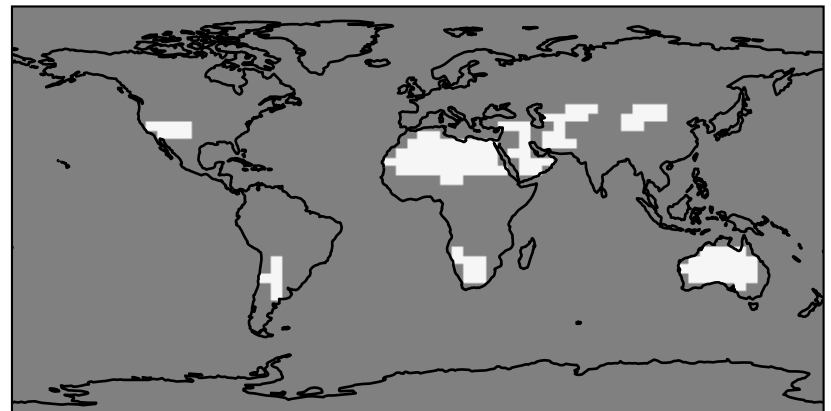
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

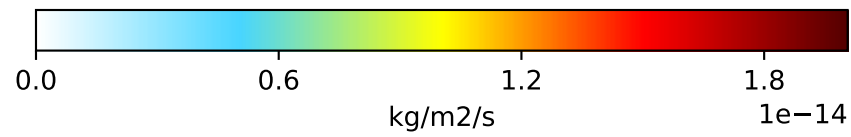
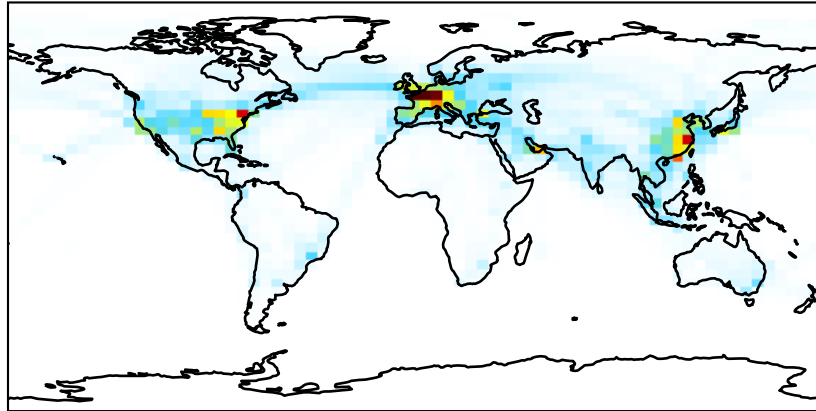


Ratio  
Dev/Ref, Fixed Range

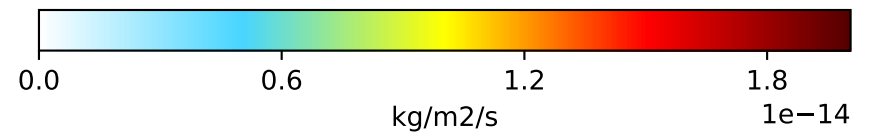
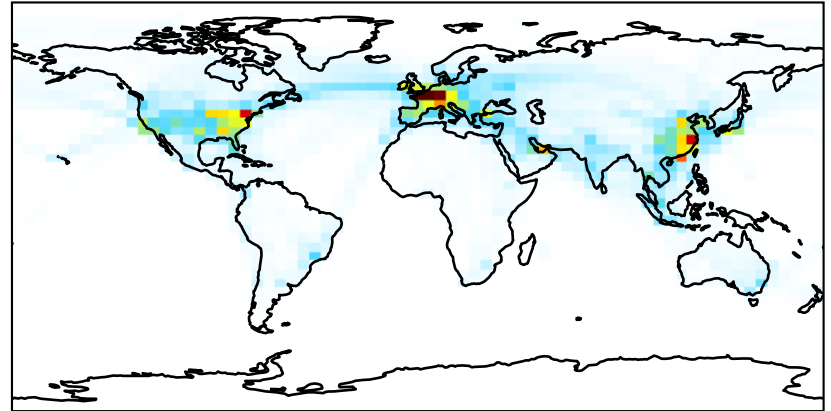


# EmisSO4\_Aircraft (Oct2019)

GCC\_14.0.0\_1yr (Ref)  
4.0x5.0



GCC\_14.0.0\_10yr (Dev)  
4.0x5.0



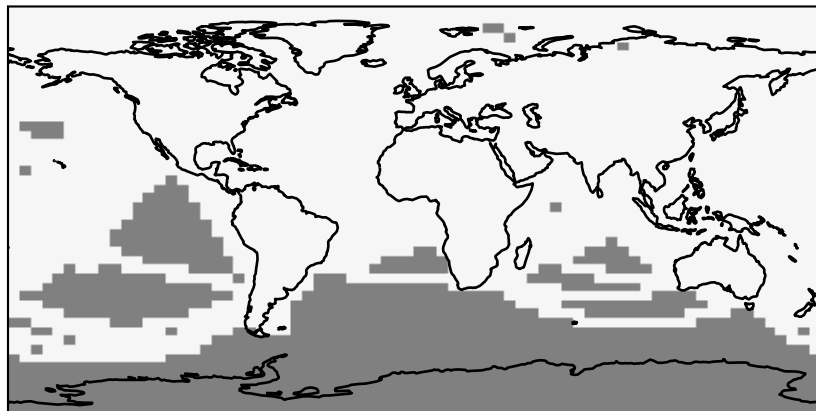
Difference  
Dev - Ref, Dynamic Range



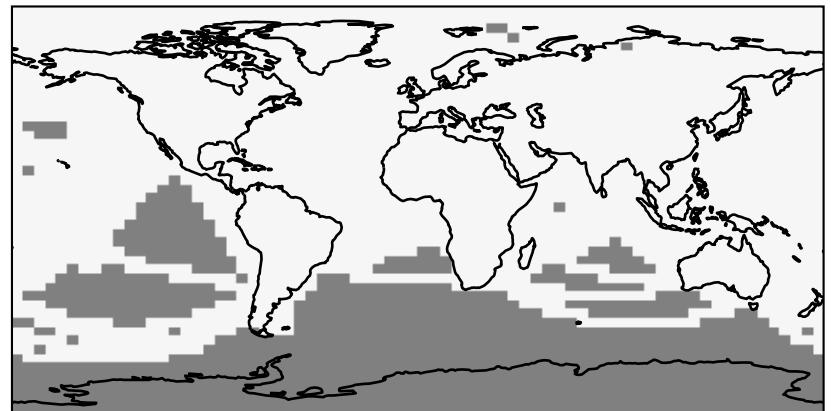
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

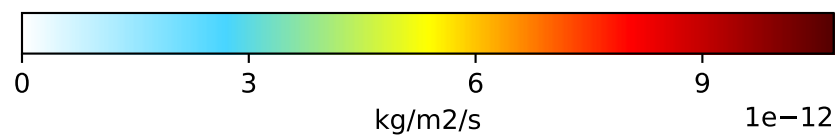
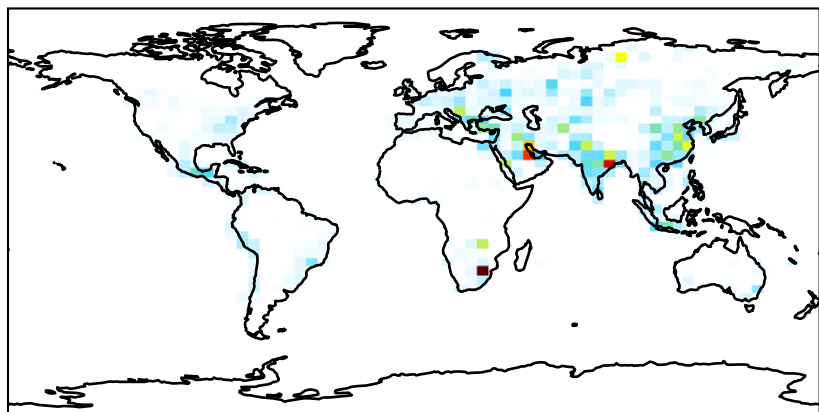


Ratio  
Dev/Ref, Fixed Range

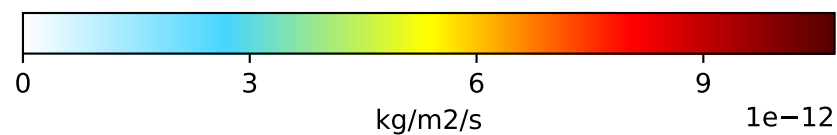
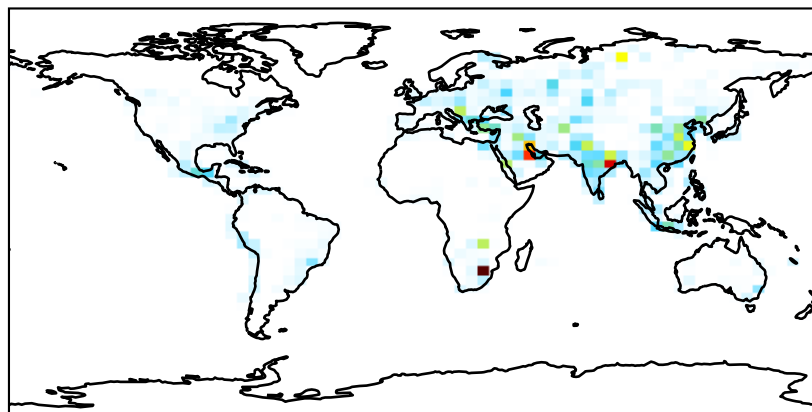


# EmisSO4\_Anthro (Oct2019)

GCC\_14.0.0\_1yr (Ref)  
4.0x5.0



GCC\_14.0.0\_10yr (Dev)  
4.0x5.0



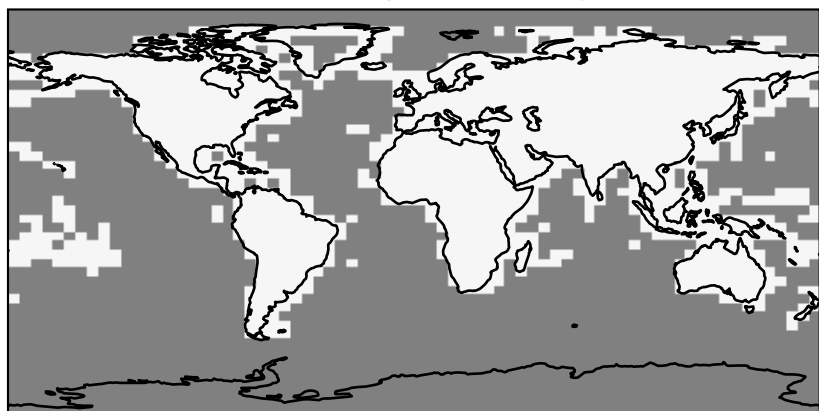
Difference  
Dev - Ref, Dynamic Range



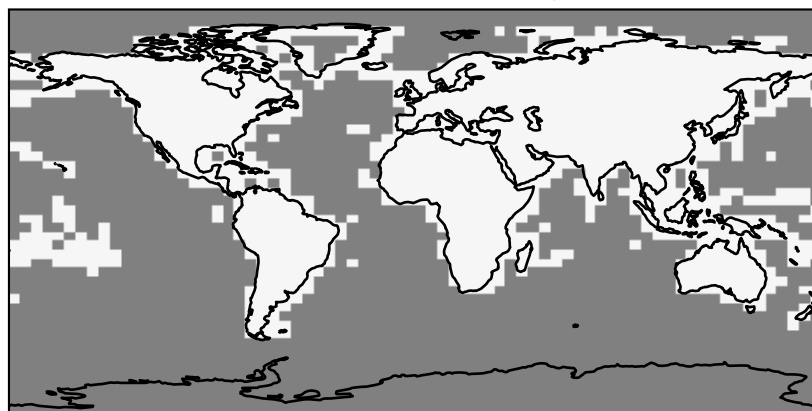
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

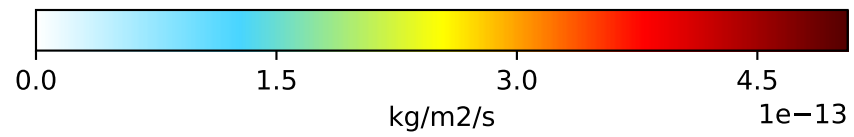
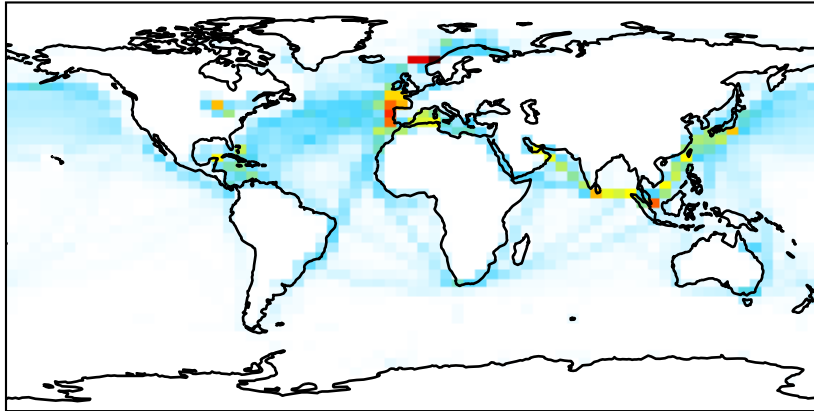


Ratio  
Dev/Ref, Fixed Range

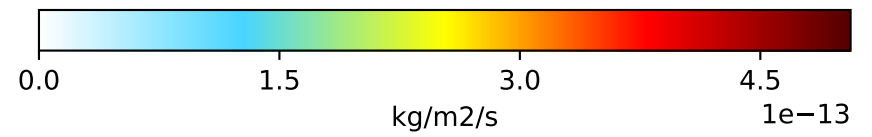
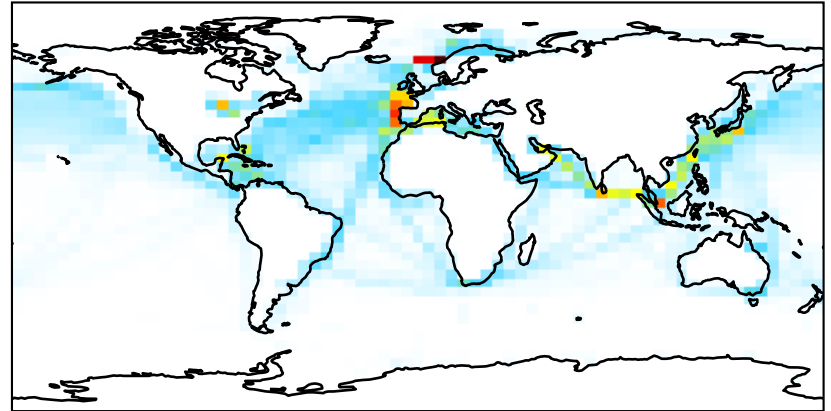


# EmisSO4\_Ship (Oct2019)

GCC\_14.0.0\_1yr (Ref)  
4.0x5.0



GCC\_14.0.0\_10yr (Dev)  
4.0x5.0



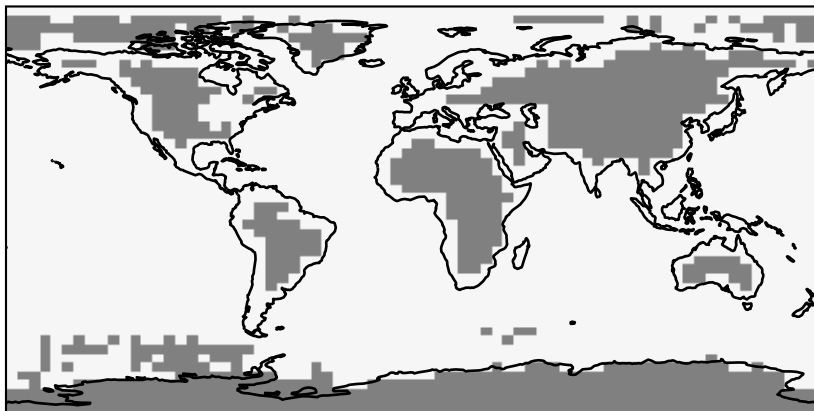
Difference  
Dev - Ref, Dynamic Range



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



Ratio  
Dev/Ref, Dynamic Range



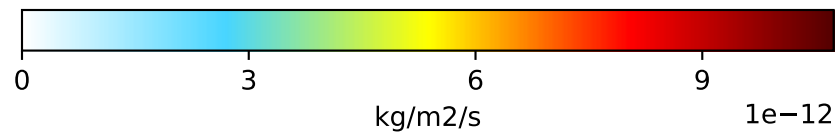
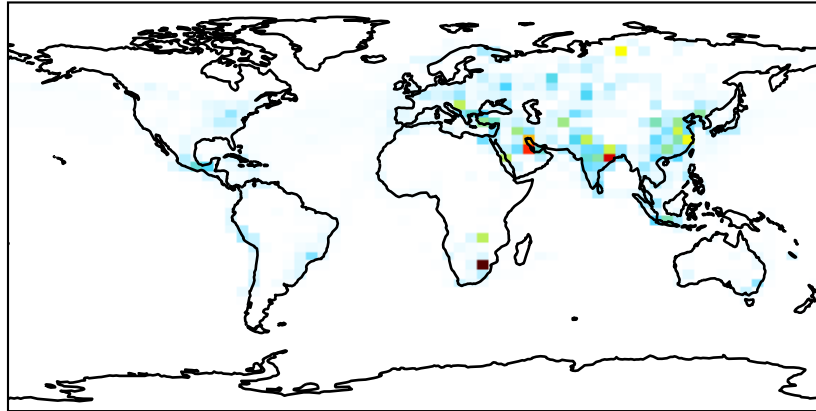
Ratio  
Dev/Ref, Fixed Range



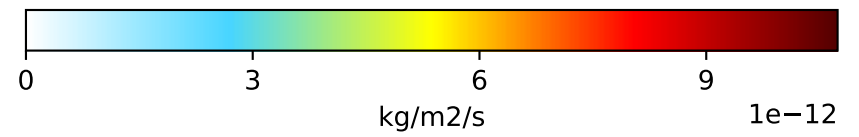
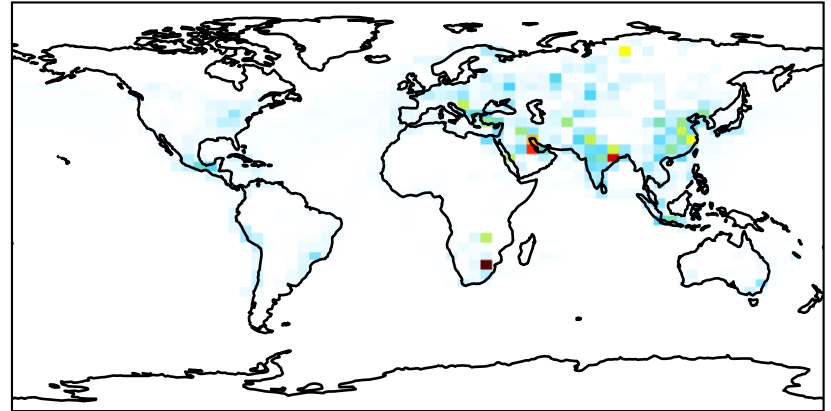


# EmisSO4\_Total (Oct2019)

GCC\_14.0.0\_1yr (Ref)  
4.0x5.0



GCC\_14.0.0\_10yr (Dev)  
4.0x5.0



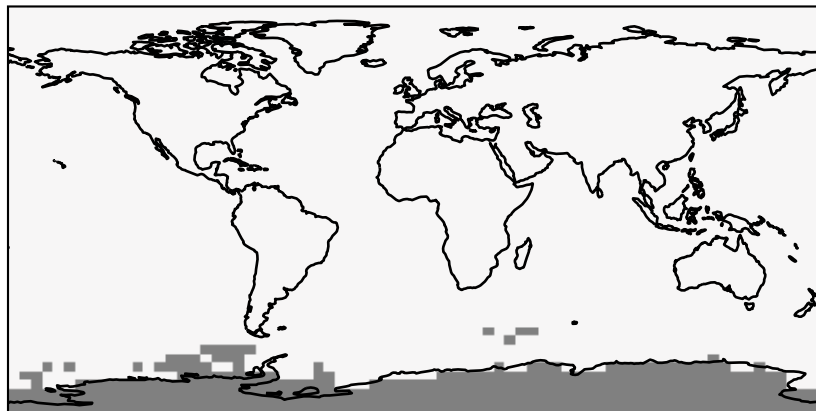
Difference  
Dev - Ref, Dynamic Range



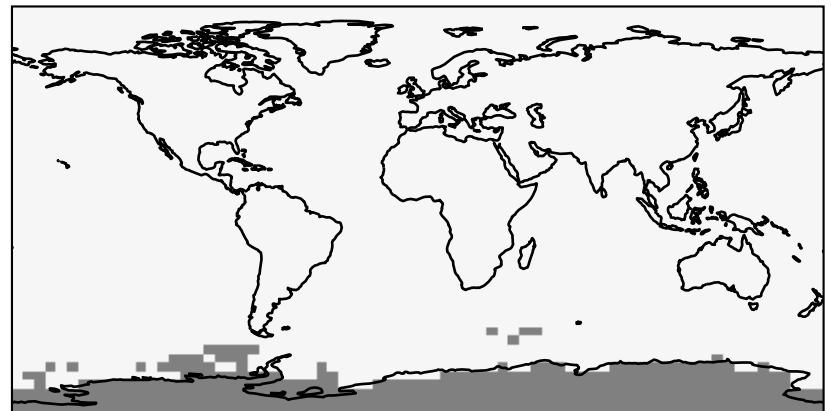
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range



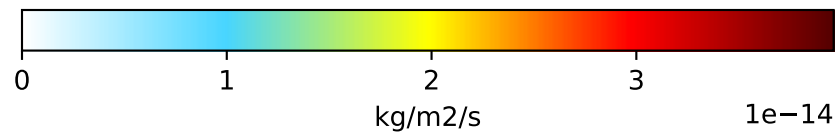
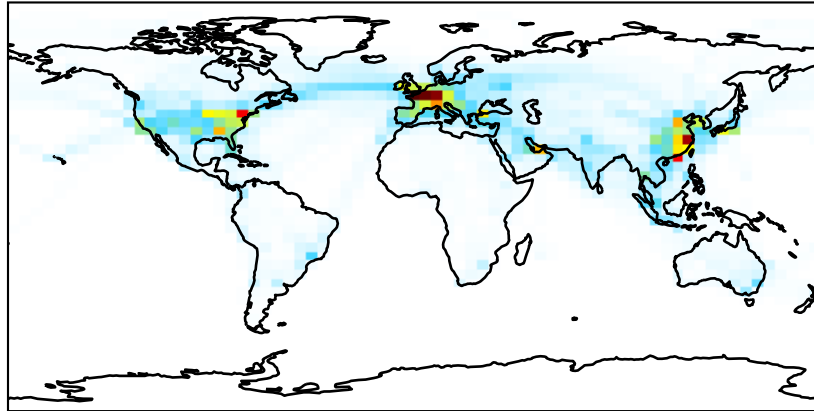
Ratio  
Dev/Ref, Fixed Range



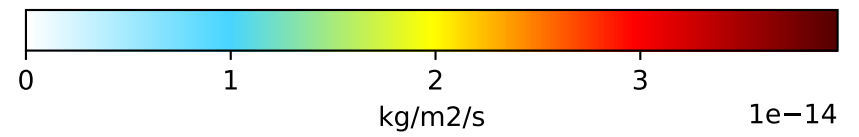
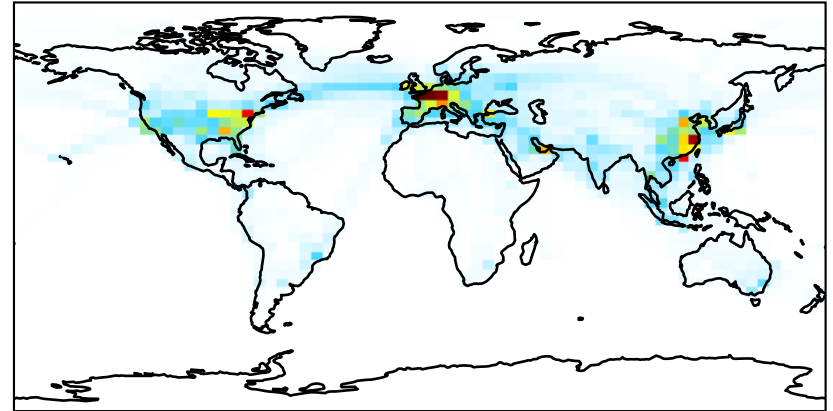


# EmisBCPI\_Aircraft (Oct2019)

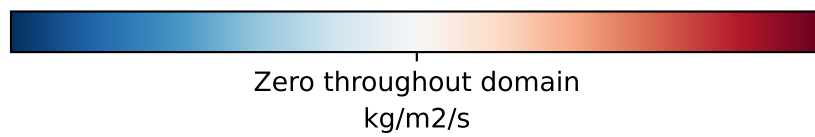
GCC\_14.0.0\_1yr (Ref)  
4.0x5.0



GCC\_14.0.0\_10yr (Dev)  
4.0x5.0



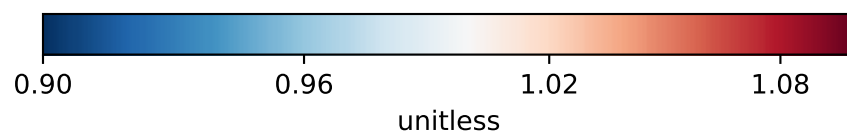
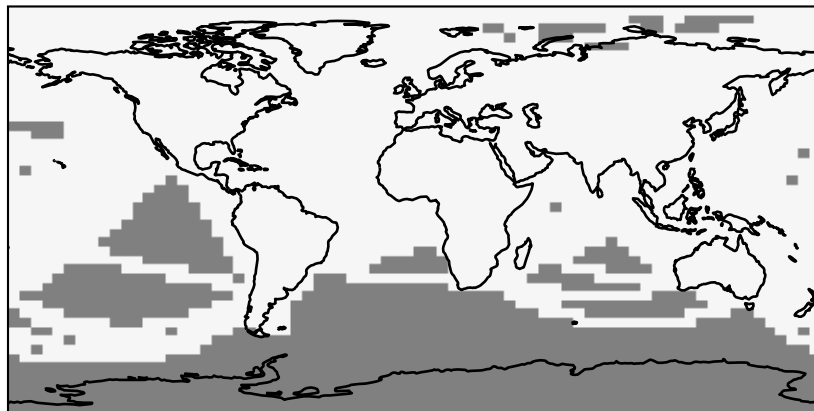
Difference  
Dev - Ref, Dynamic Range



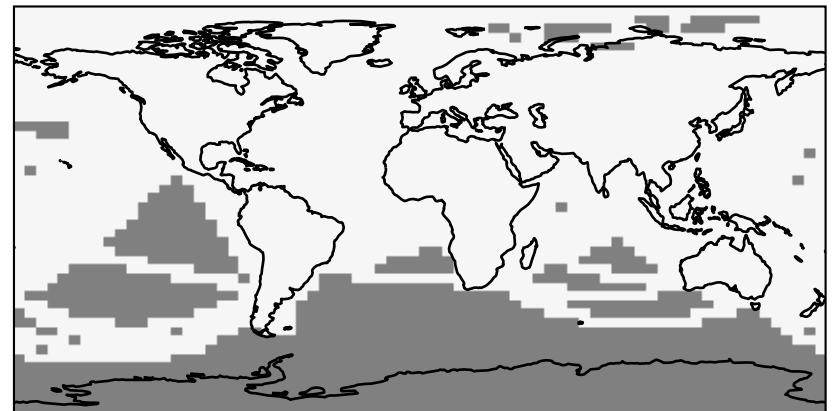
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

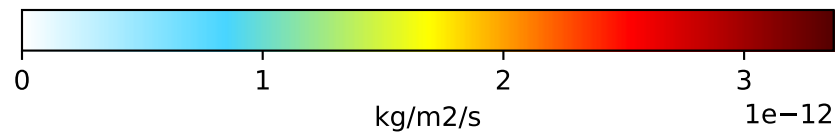
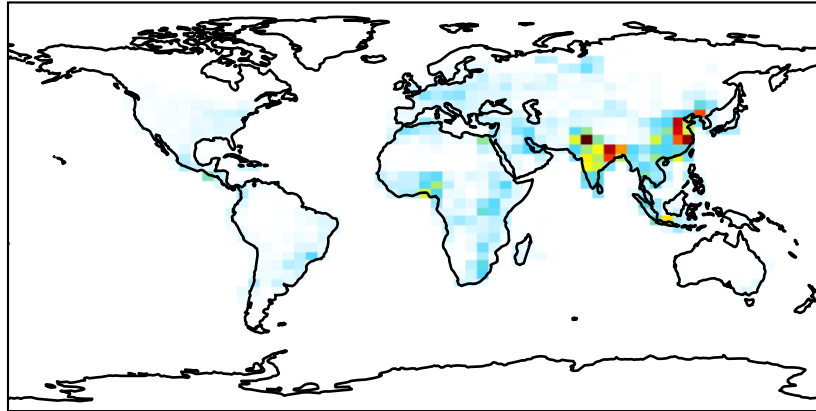


Ratio  
Dev/Ref, Fixed Range

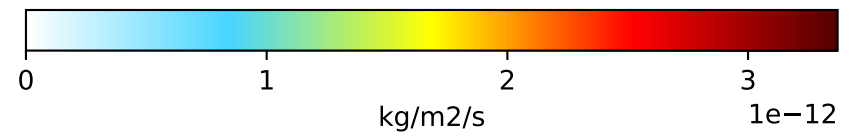
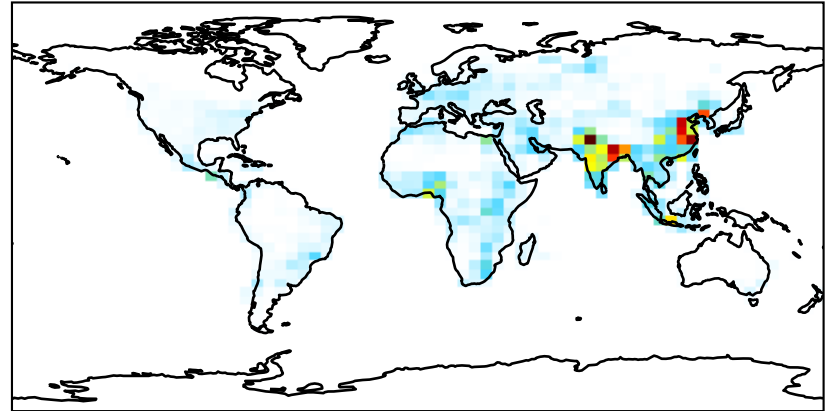


# EmisBCPI\_Anthro (Oct2019)

GCC\_14.0.0\_1yr (Ref)  
4.0x5.0



GCC\_14.0.0\_10yr (Dev)  
4.0x5.0



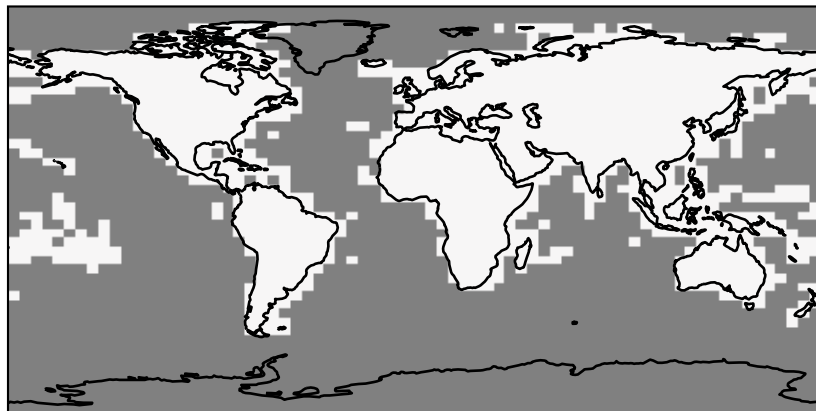
Difference  
Dev - Ref, Dynamic Range



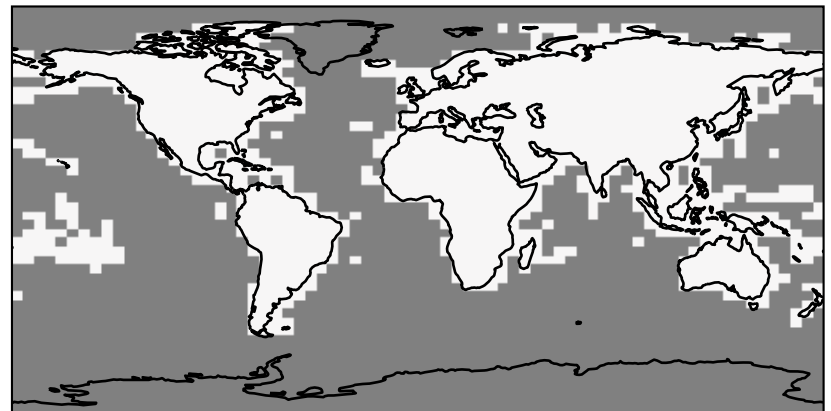
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

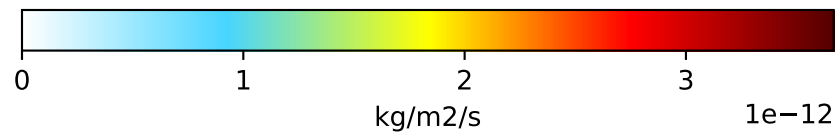
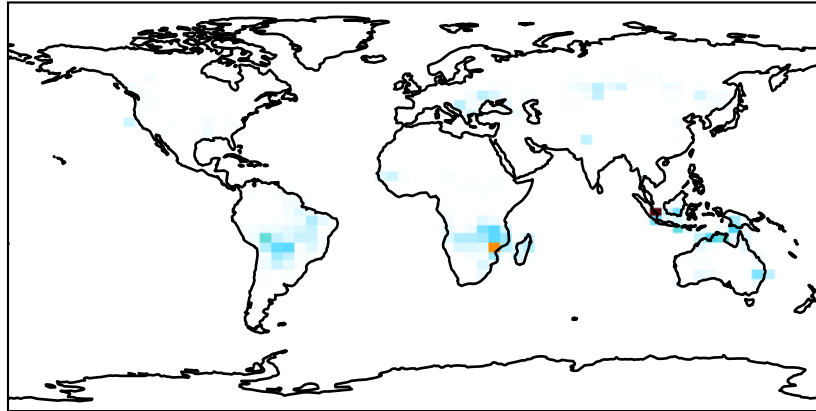


Ratio  
Dev/Ref, Fixed Range

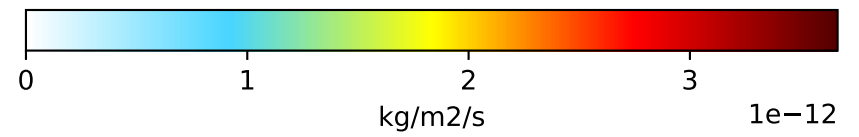
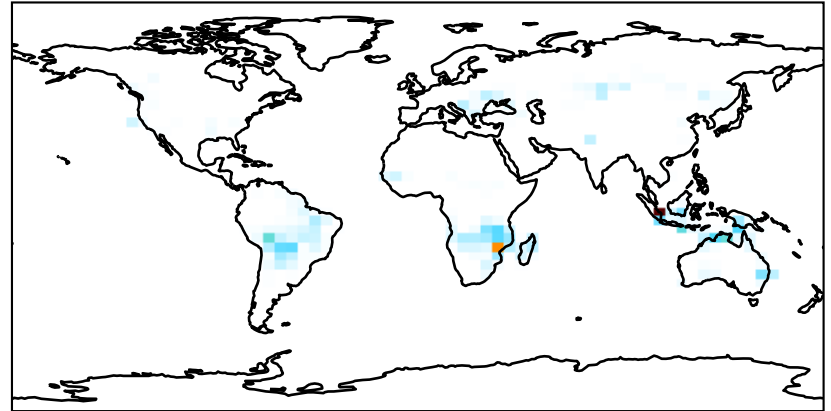


# EmisBCPI\_BioBurn (Oct2019)

GCC\_14.0.0\_1yr (Ref)  
4.0x5.0



GCC\_14.0.0\_10yr (Dev)  
4.0x5.0



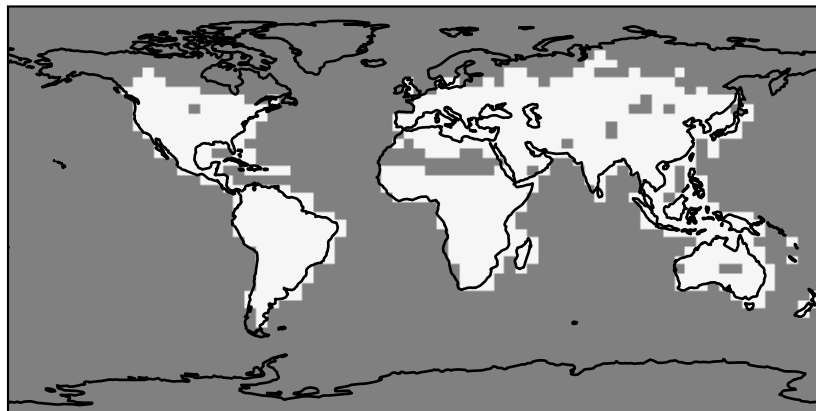
Difference  
Dev - Ref, Dynamic Range



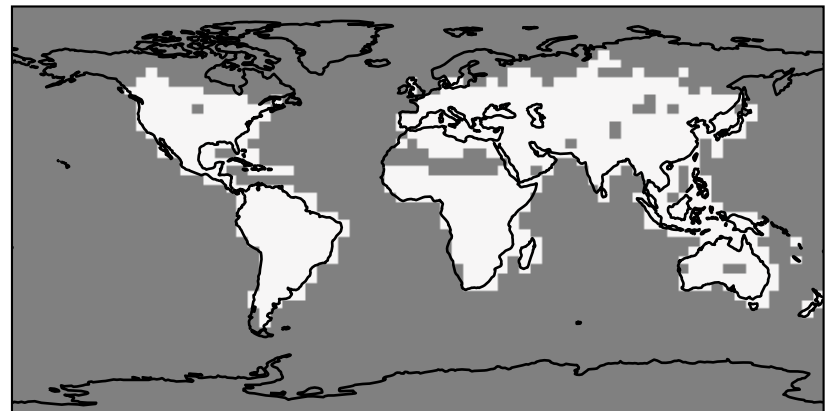
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

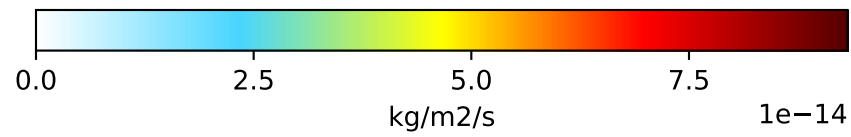
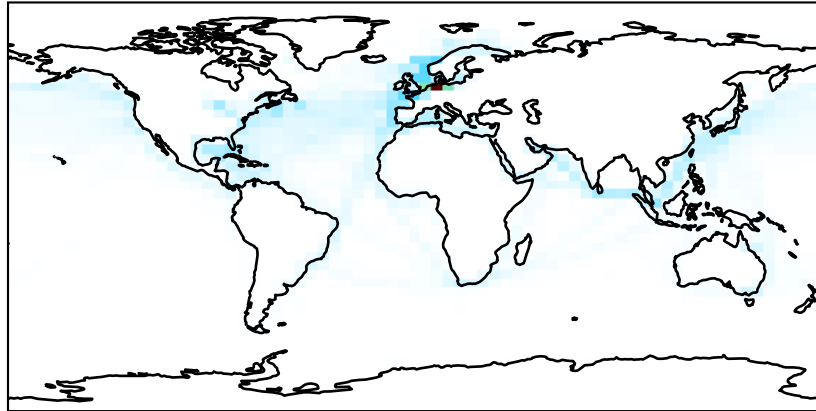


Ratio  
Dev/Ref, Fixed Range

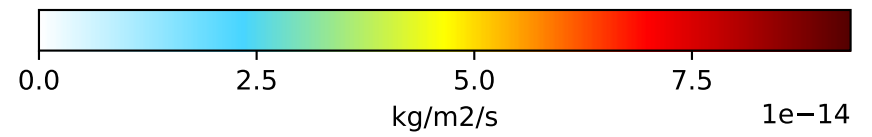
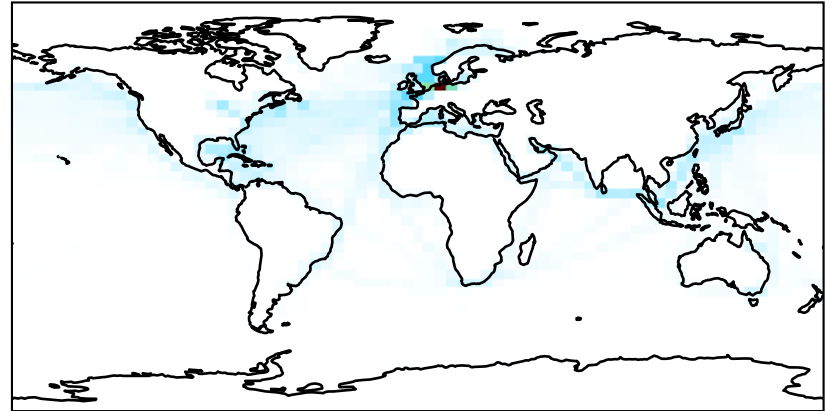


# EmisBCPI\_Ship (Oct2019)

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

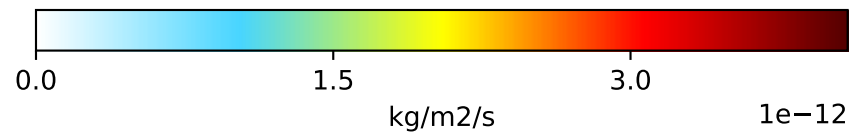
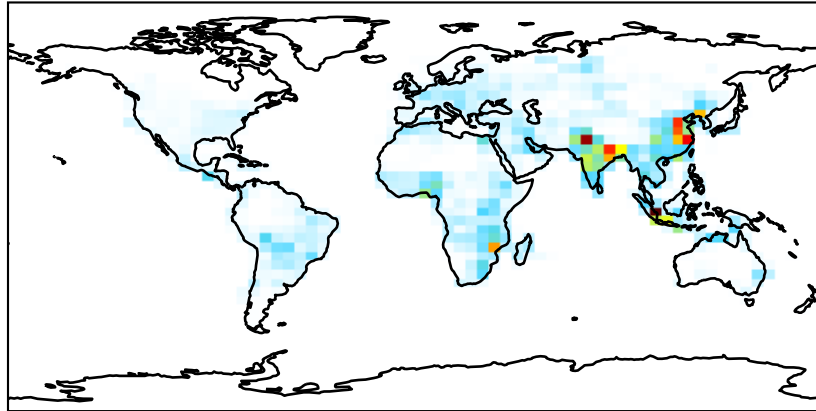


Ratio  
Dev/Ref, Fixed Range

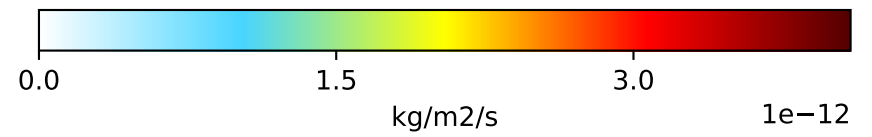
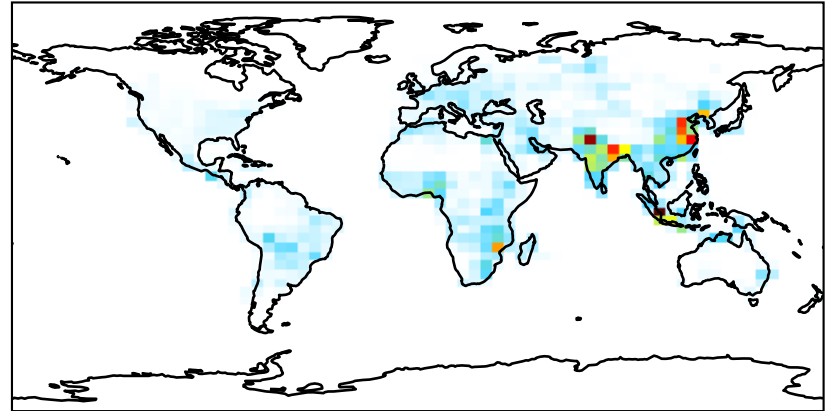


# EmisBCPI\_Total (Oct2019)

GCC\_14.0.0\_1yr (Ref)  
4.0x5.0



GCC\_14.0.0\_10yr (Dev)  
4.0x5.0



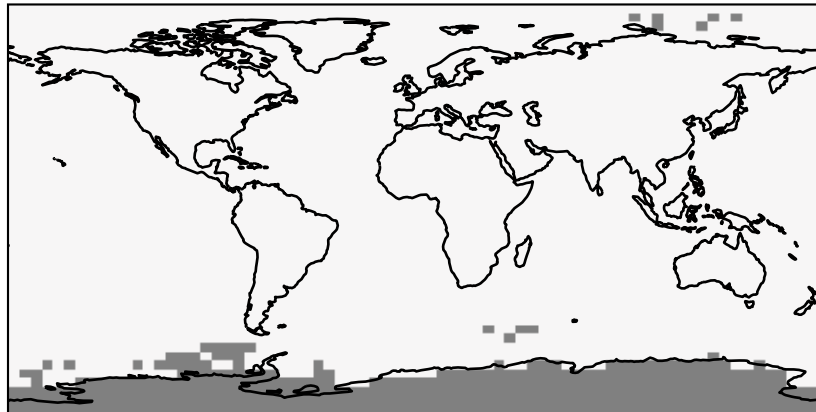
Difference  
Dev - Ref, Dynamic Range



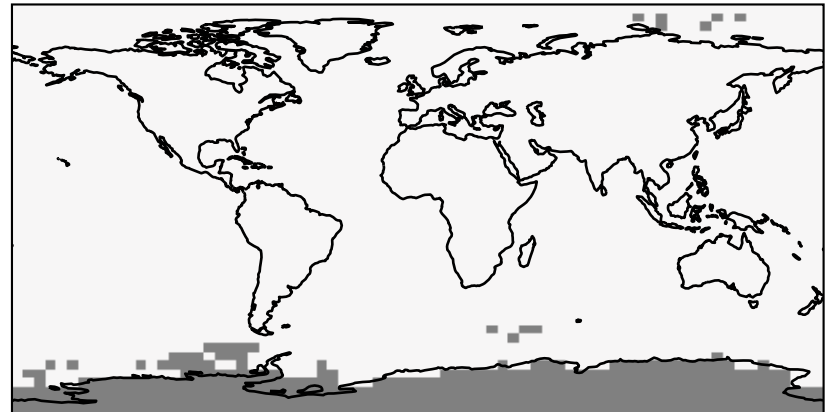
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range



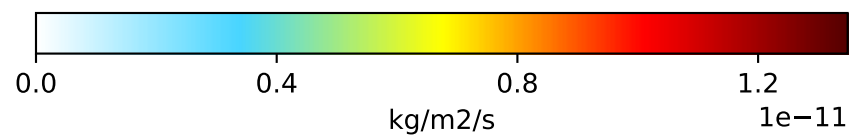
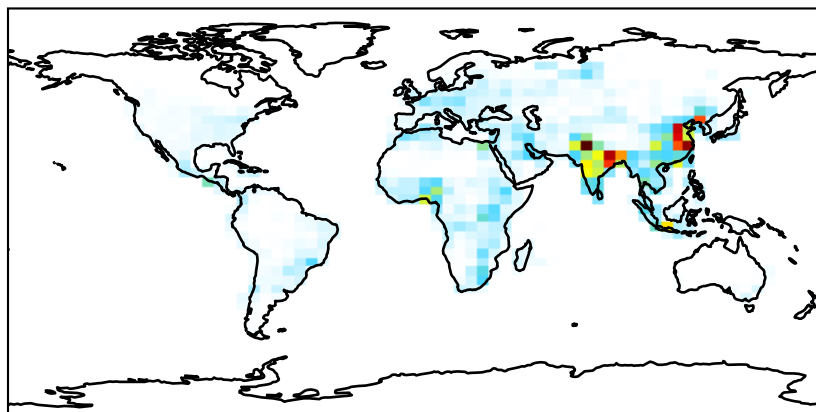
Ratio  
Dev/Ref, Fixed Range



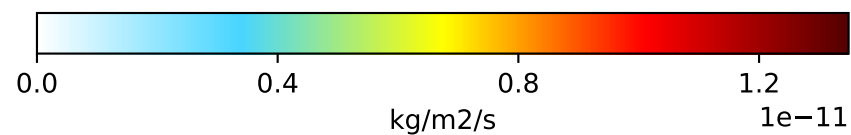
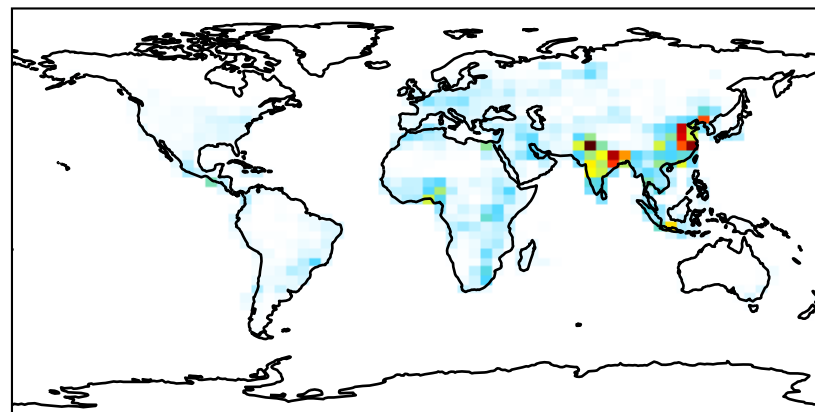


# EmisBCPO\_Anthro (Oct2019)

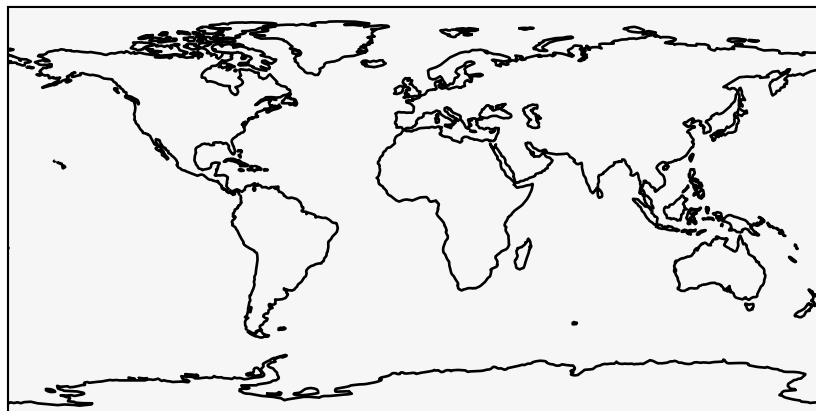
GCC\_14.0.0\_1yr (Ref)  
4.0x5.0



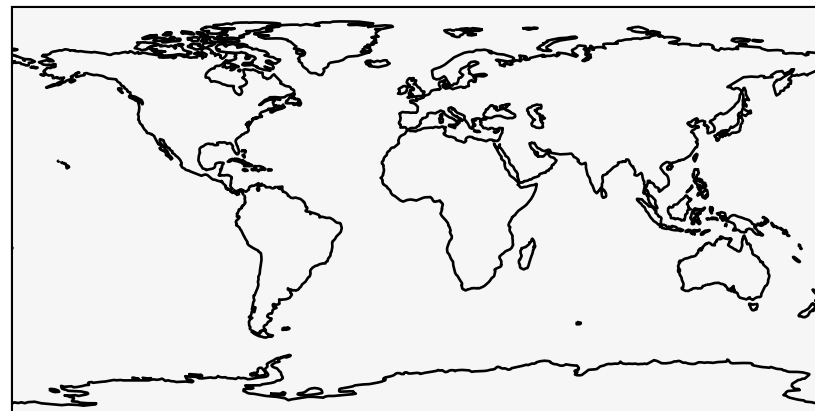
GCC\_14.0.0\_10yr (Dev)  
4.0x5.0



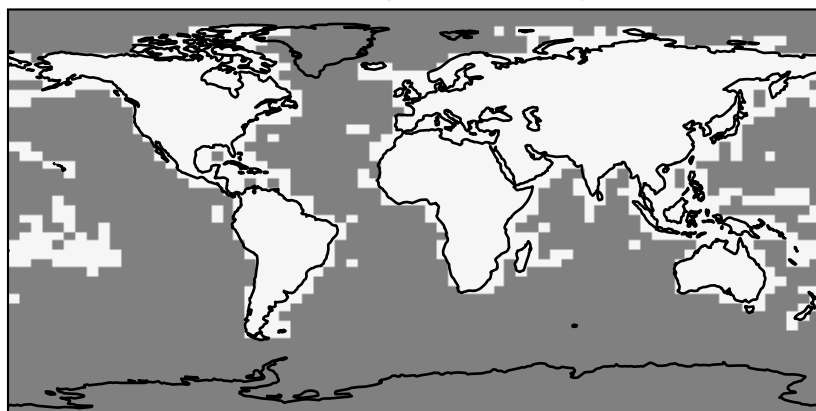
Difference  
Dev - Ref, Dynamic Range



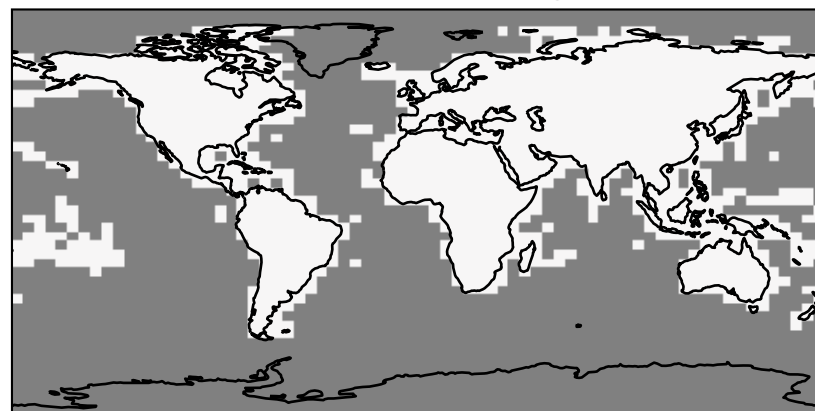
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range



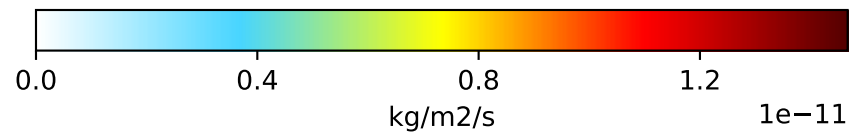
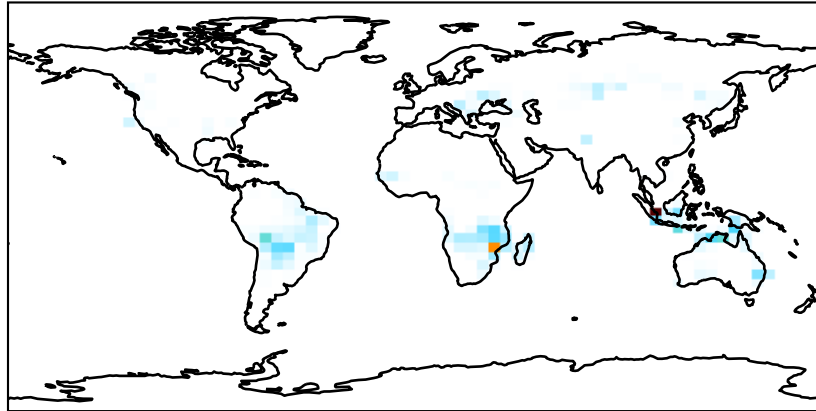
Ratio  
Dev/Ref, Fixed Range



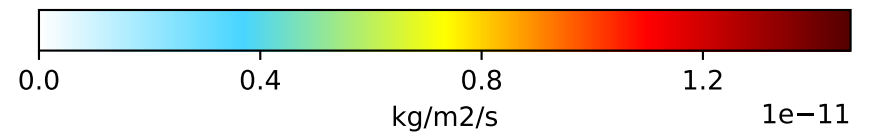
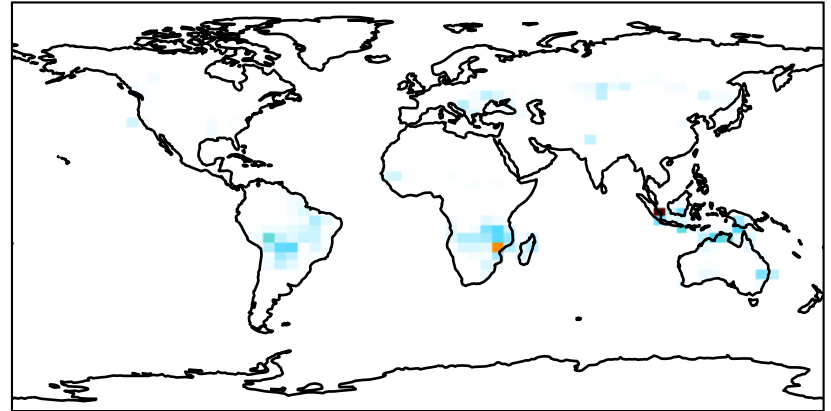


# EmisBCPO\_BioBurn (Oct2019)

GCC\_14.0.0\_1yr (Ref)  
4.0x5.0



GCC\_14.0.0\_10yr (Dev)  
4.0x5.0



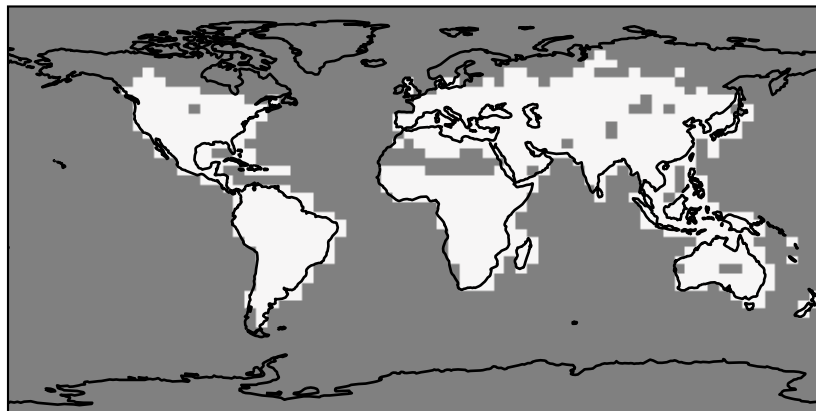
Difference  
Dev - Ref, Dynamic Range



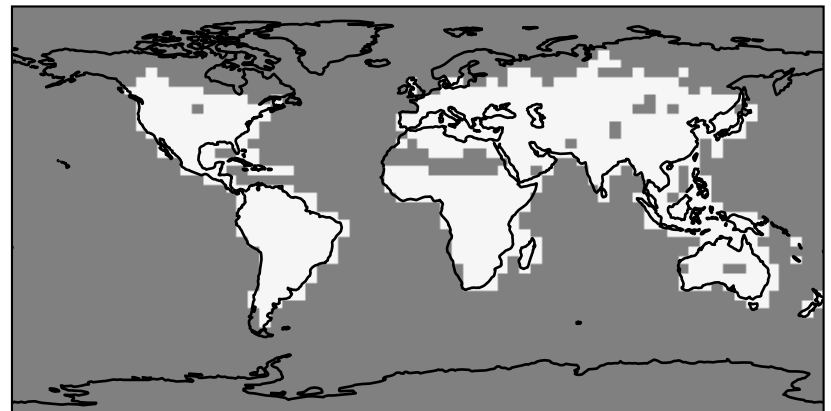
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

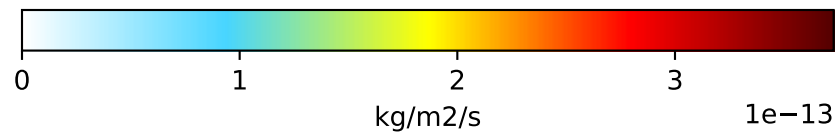
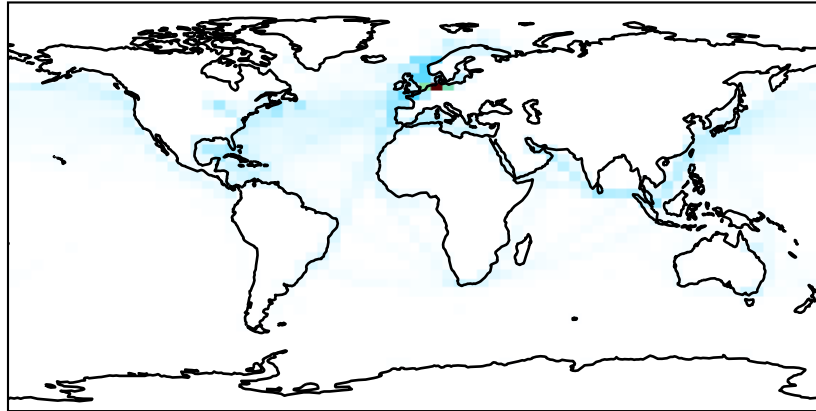


Ratio  
Dev/Ref, Fixed Range

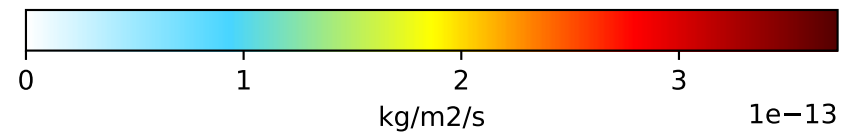
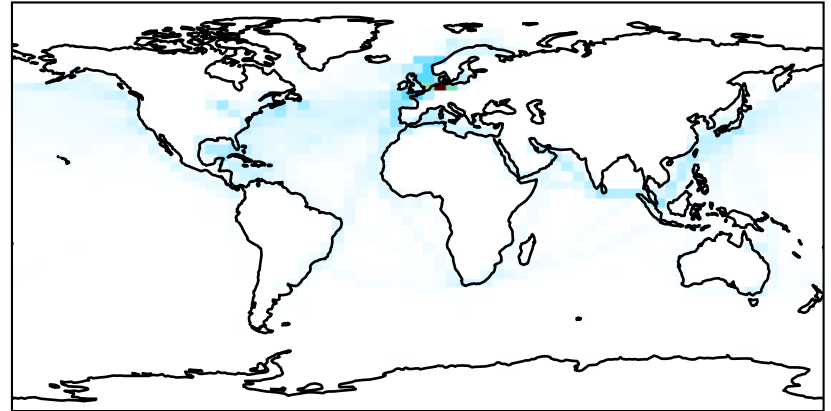


# EmisBCPO\_Ship (Oct2019)

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

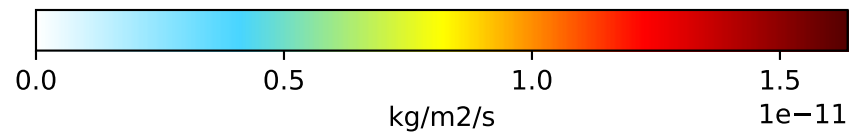
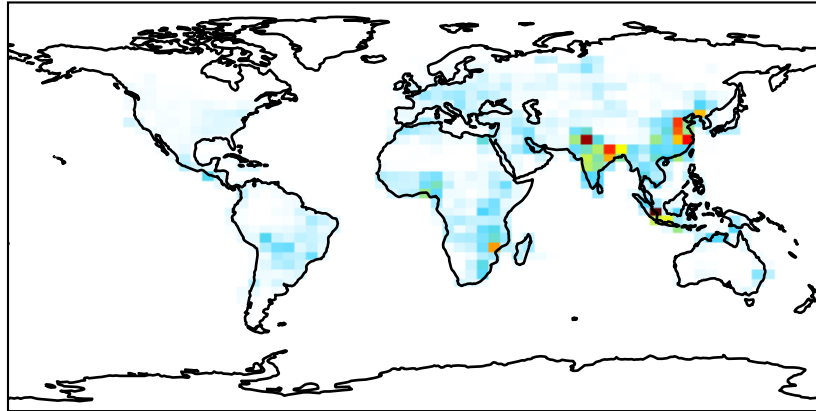


Ratio  
Dev/Ref, Fixed Range

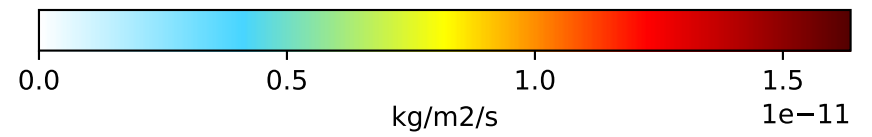
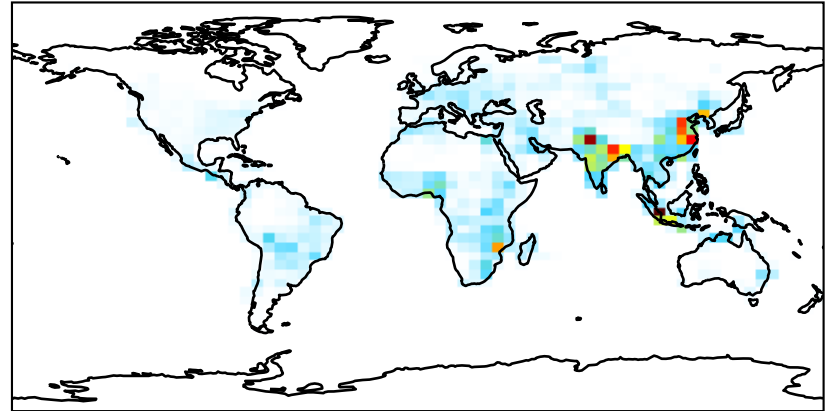


# EmisBCPO\_Total (Oct2019)

GCC\_14.0.0\_1yr (Ref)  
4.0x5.0



GCC\_14.0.0\_10yr (Dev)  
4.0x5.0



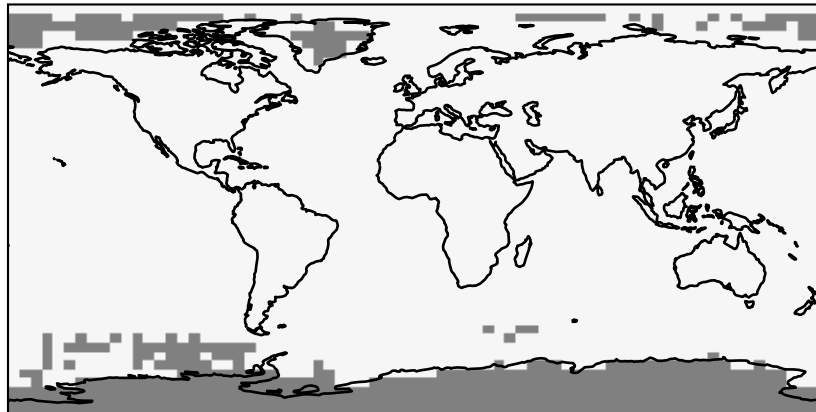
Difference  
Dev - Ref, Dynamic Range



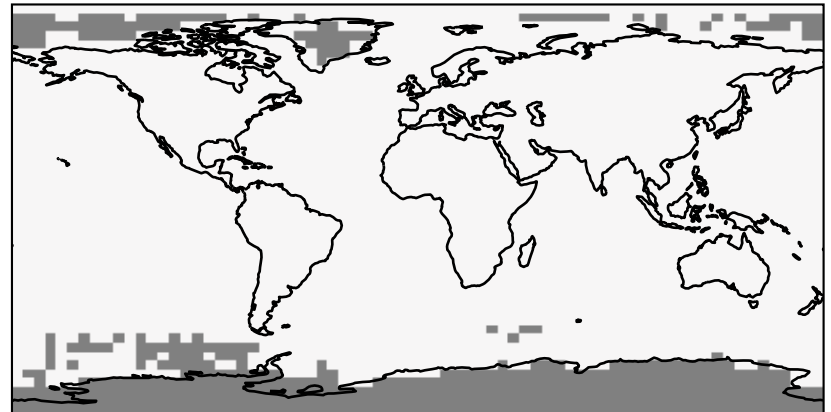
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

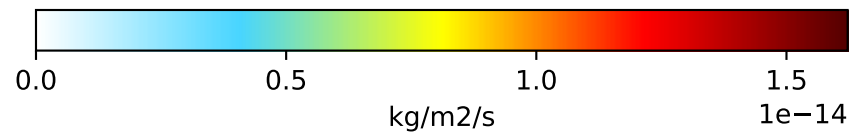
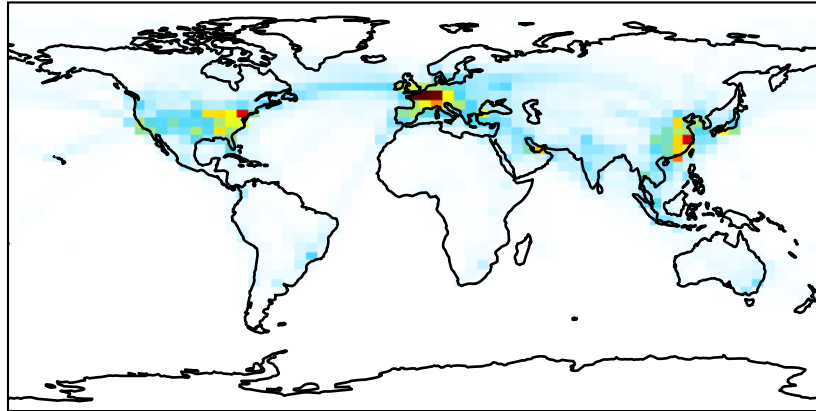


Ratio  
Dev/Ref, Fixed Range

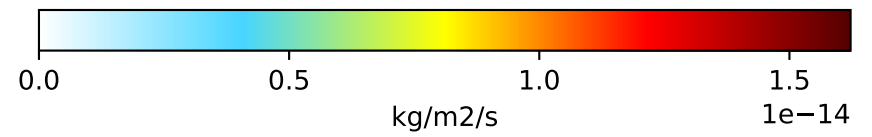
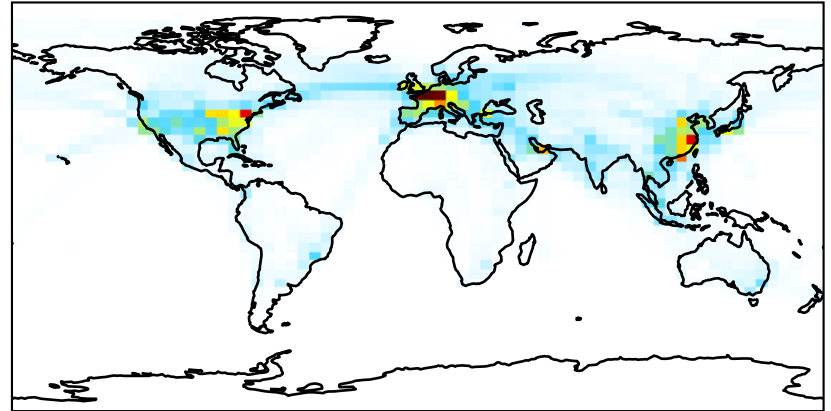


# EmisOCPI\_Aircraft (Oct2019)

GCC\_14.0.0\_1yr (Ref)  
4.0x5.0



GCC\_14.0.0\_10yr (Dev)  
4.0x5.0



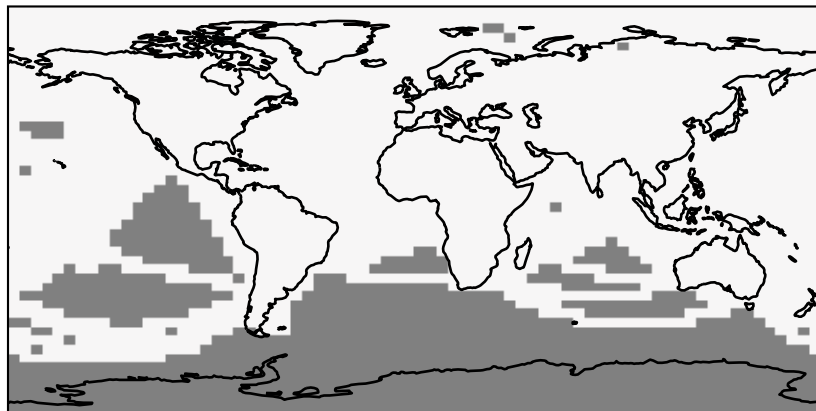
Difference  
Dev - Ref, Dynamic Range



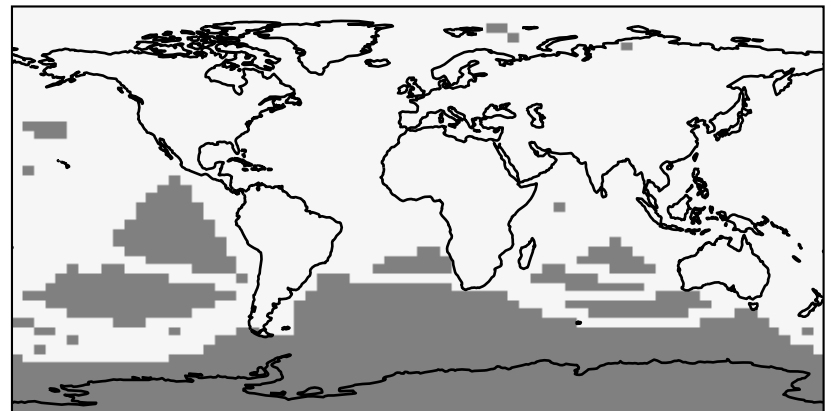
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

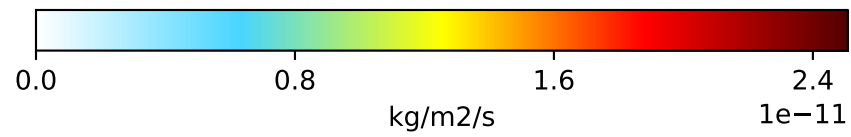
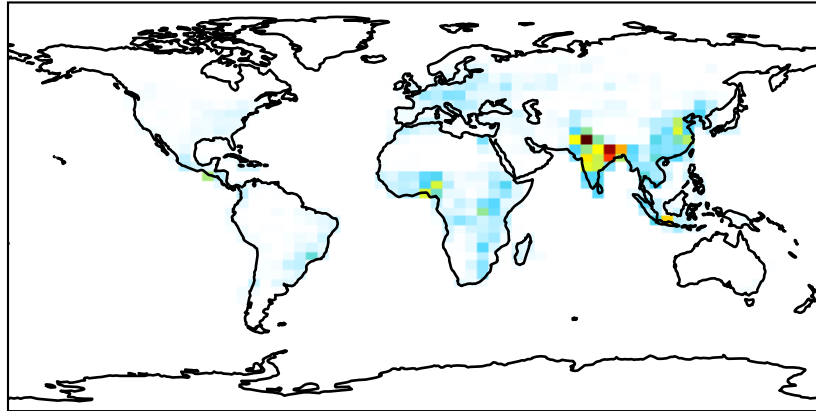


Ratio  
Dev/Ref, Fixed Range

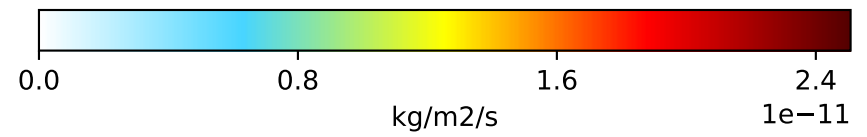
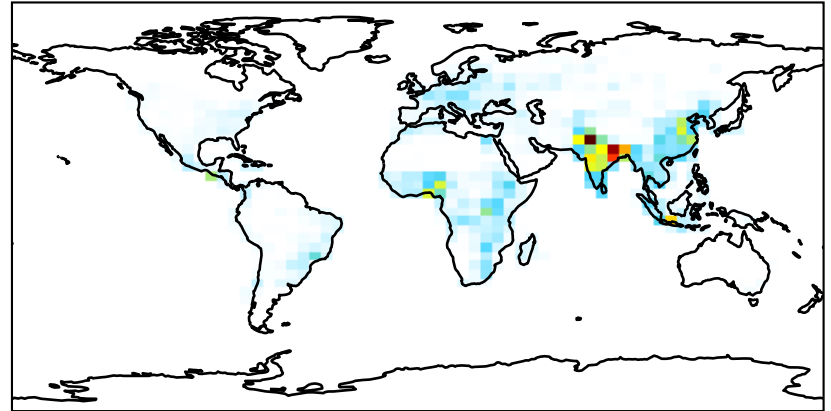


# EmisOCPI\_Anthro (Oct2019)

GCC\_14.0.0\_1yr (Ref)  
4.0x5.0



GCC\_14.0.0\_10yr (Dev)  
4.0x5.0



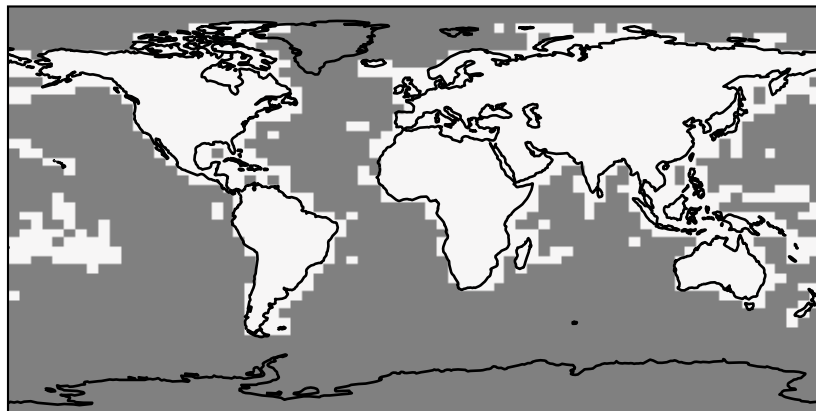
Difference  
Dev - Ref, Dynamic Range



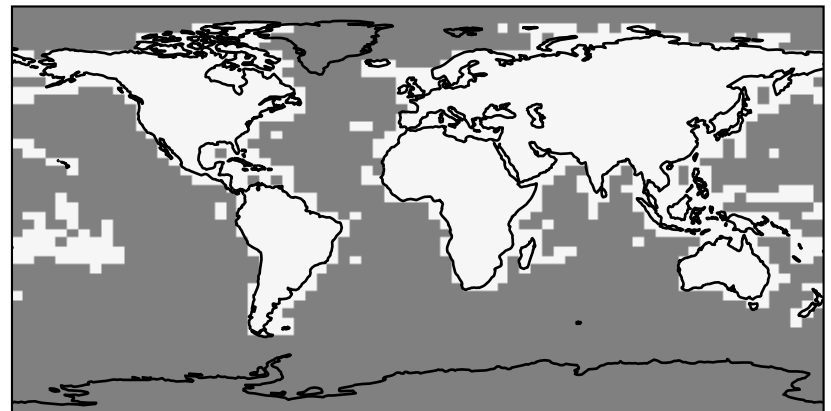
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range



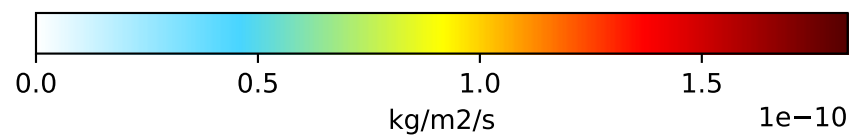
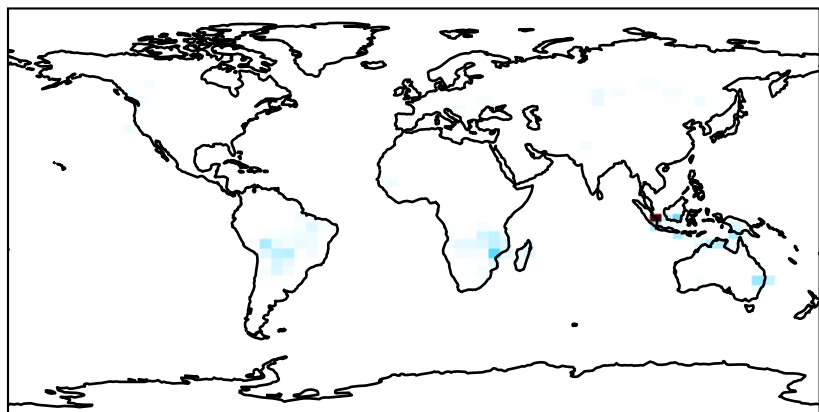
Ratio  
Dev/Ref, Fixed Range



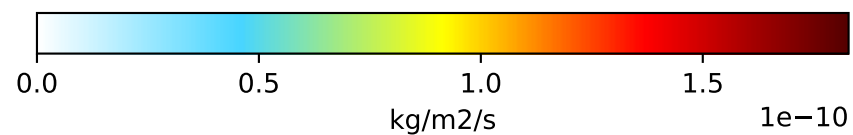
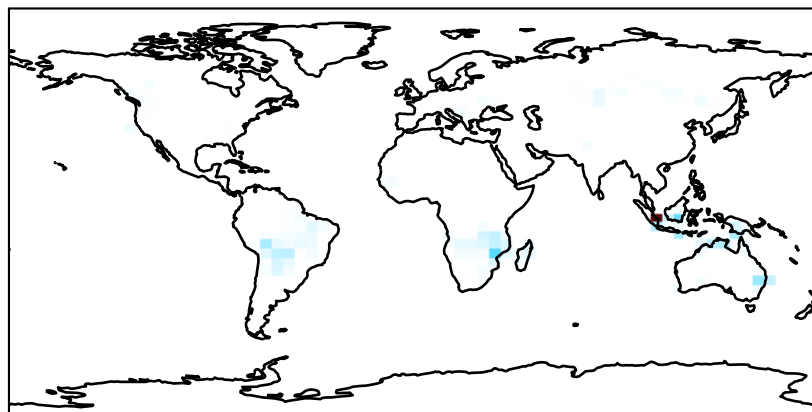


# EmisOCPI\_BioBurn (Oct2019)

GCC\_14.0.0\_1yr (Ref)  
4.0x5.0



GCC\_14.0.0\_10yr (Dev)  
4.0x5.0



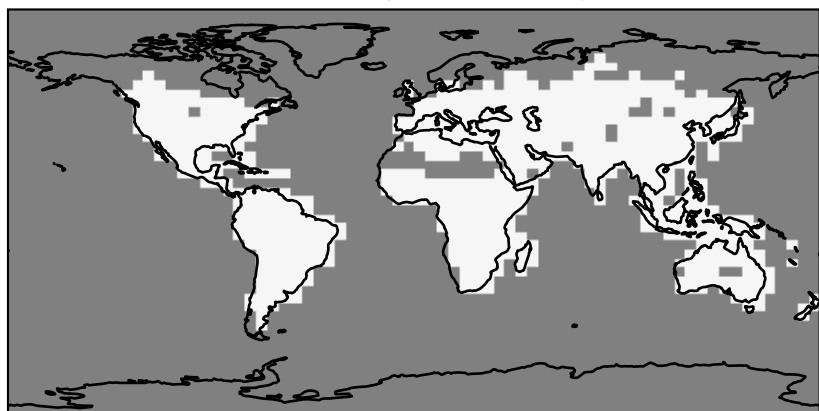
Difference  
Dev - Ref, Dynamic Range



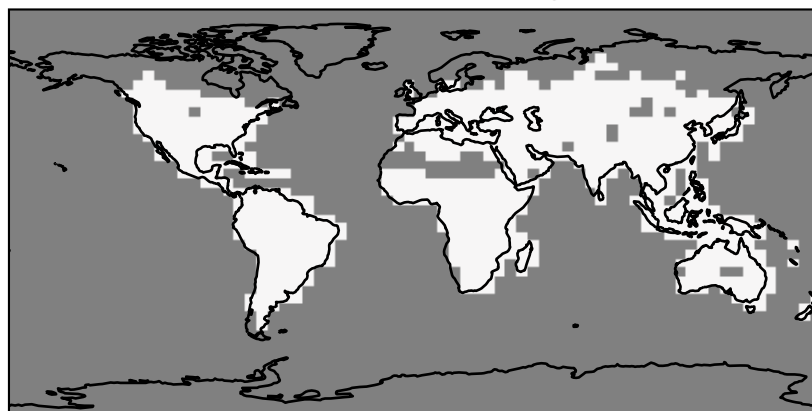
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range



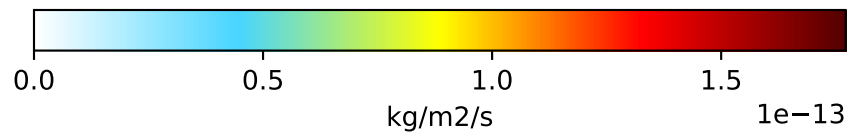
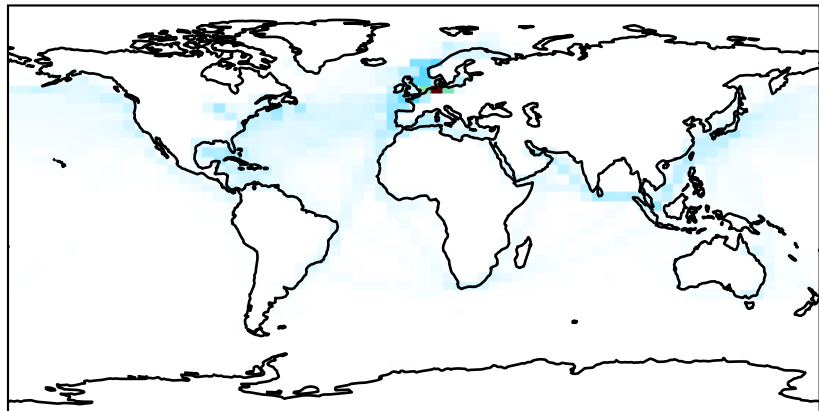
Ratio  
Dev/Ref, Fixed Range



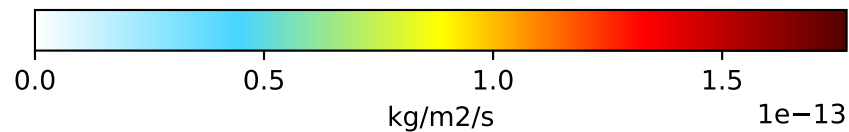
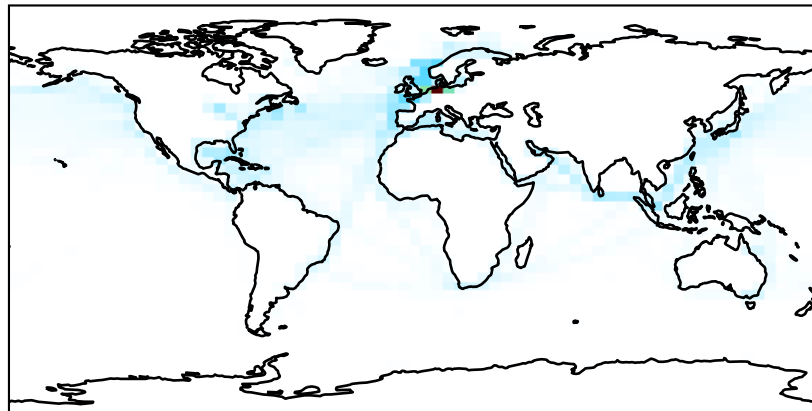


# EmisOCPI\_Ship (Oct2019)

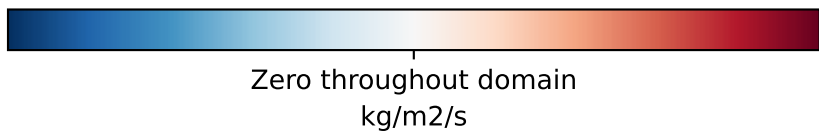
GCC\_14.0.0\_1yr (Ref)  
4.0x5.0



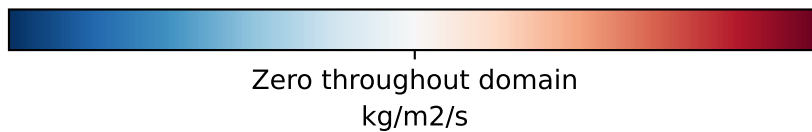
GCC\_14.0.0\_10yr (Dev)  
4.0x5.0



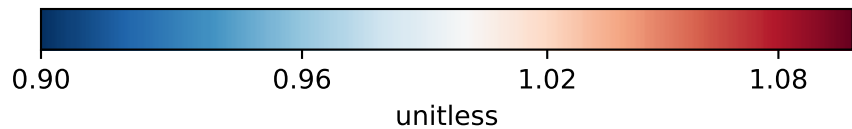
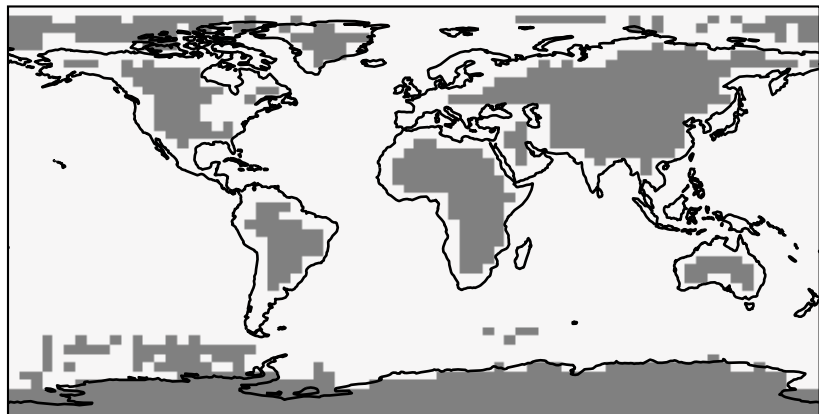
Difference  
Dev - Ref, Dynamic Range



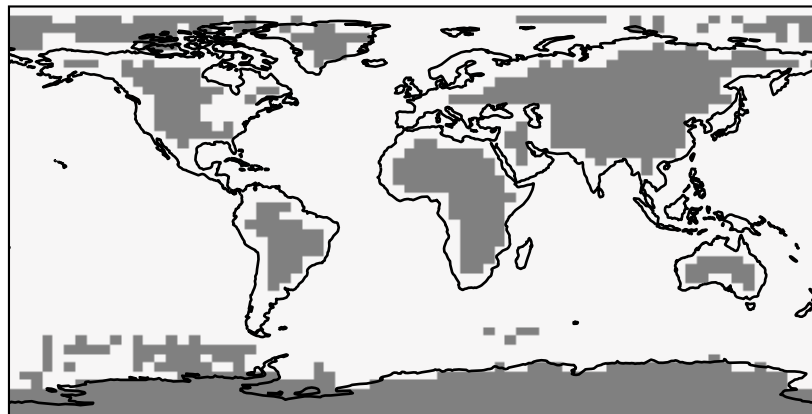
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

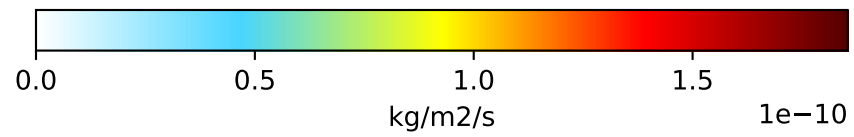
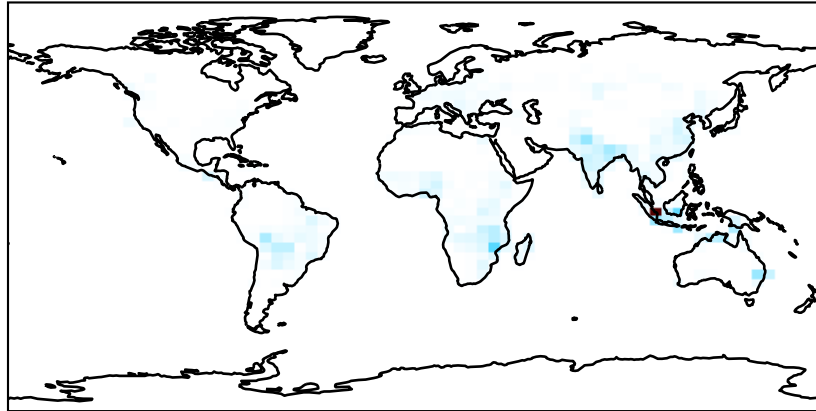


Ratio  
Dev/Ref, Fixed Range

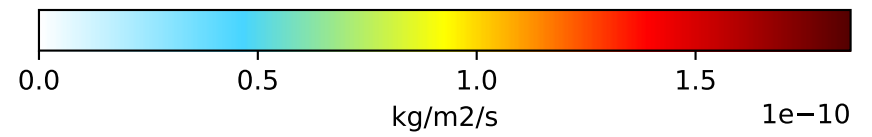
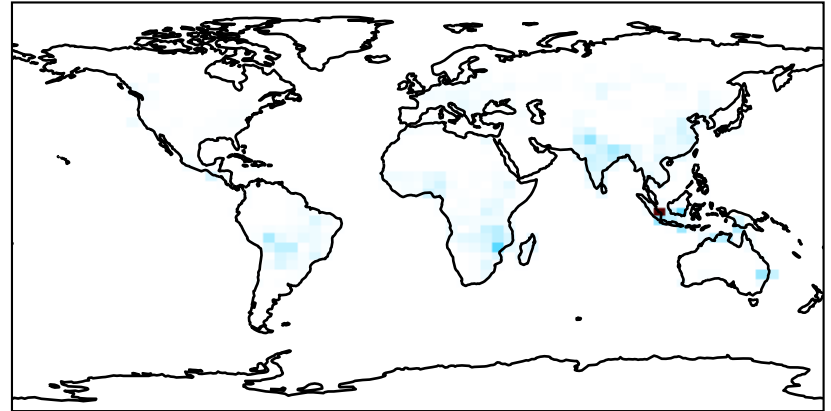


# EmisOCPI\_Total (Oct2019)

GCC\_14.0.0\_1yr (Ref)  
4.0x5.0



GCC\_14.0.0\_10yr (Dev)  
4.0x5.0



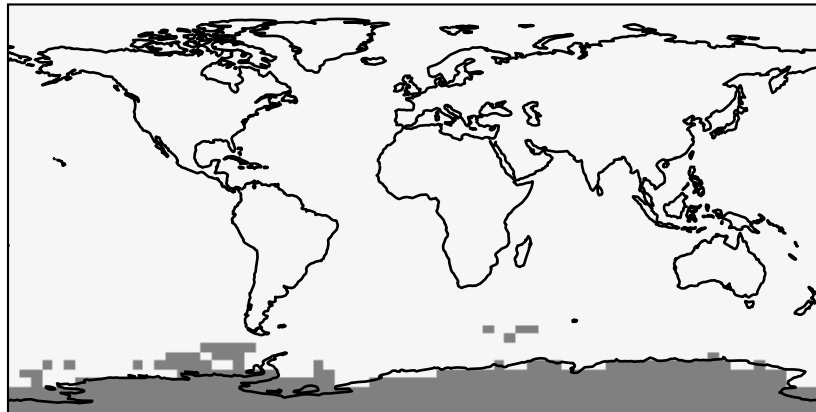
Difference  
Dev - Ref, Dynamic Range



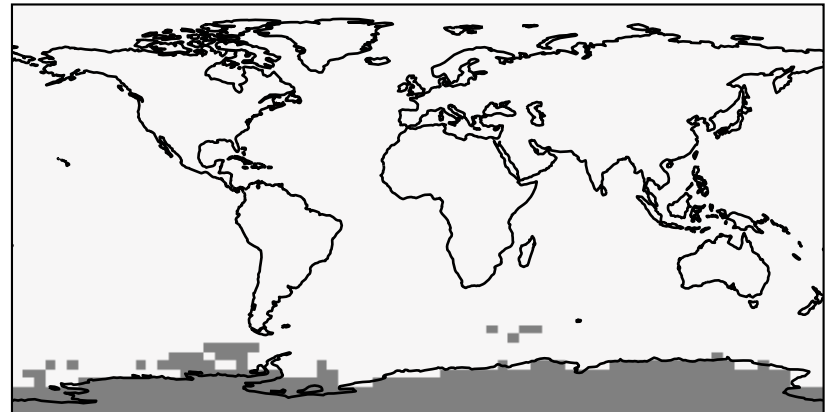
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

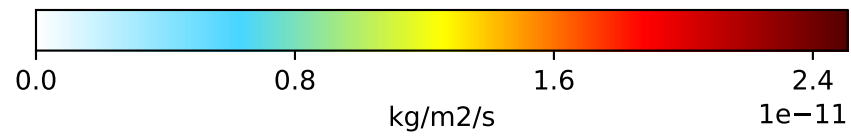
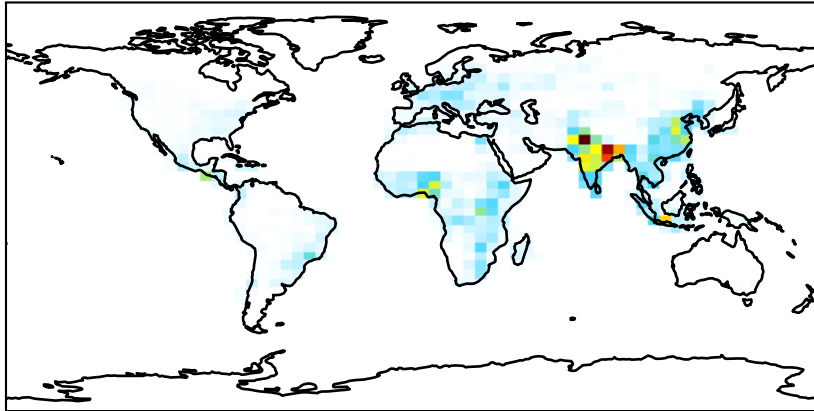


Ratio  
Dev/Ref, Fixed Range

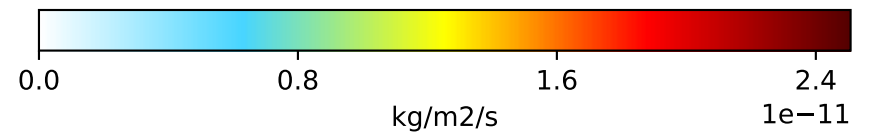
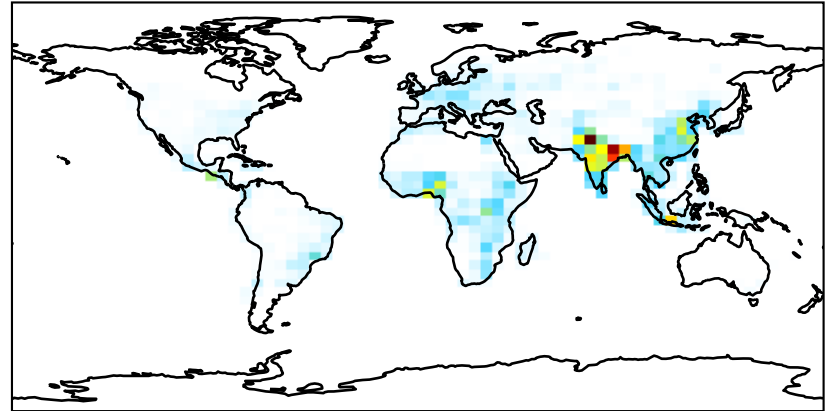


# EmisOCPO\_Anthro (Oct2019)

GCC\_14.0.0\_1yr (Ref)  
4.0x5.0



GCC\_14.0.0\_10yr (Dev)  
4.0x5.0



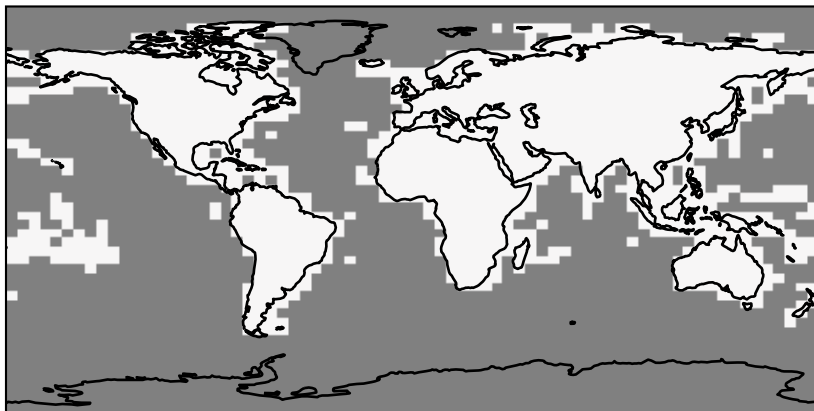
Difference  
Dev - Ref, Dynamic Range



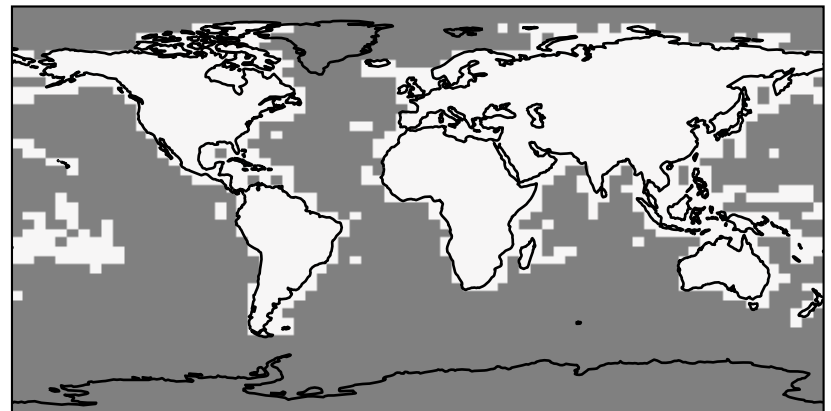
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

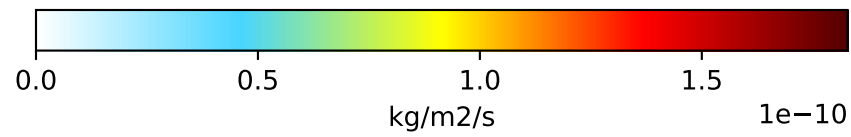
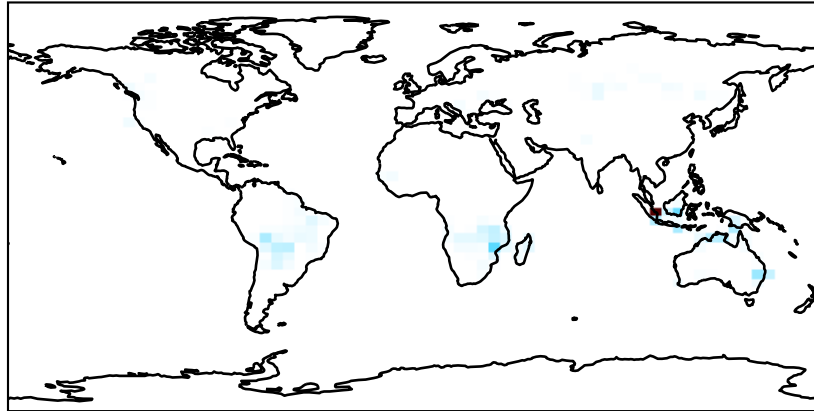


Ratio  
Dev/Ref, Fixed Range

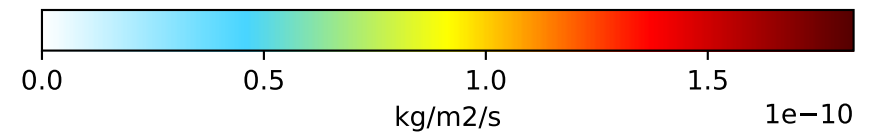
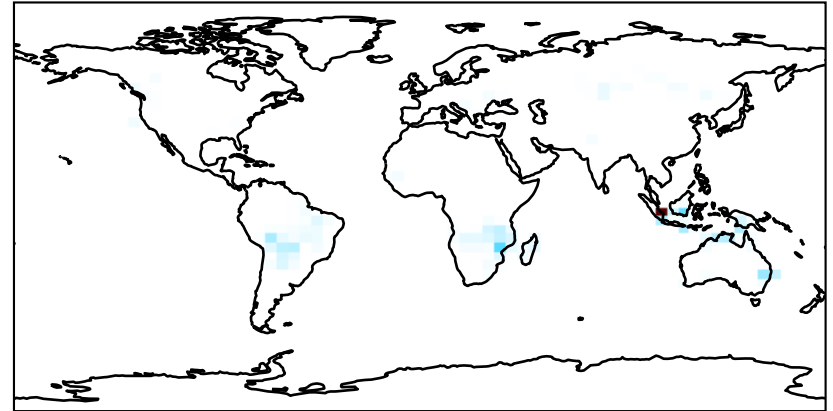


# EmisOCPO\_BioBurn (Oct2019)

GCC\_14.0.0\_1yr (Ref)  
4.0x5.0



GCC\_14.0.0\_10yr (Dev)  
4.0x5.0



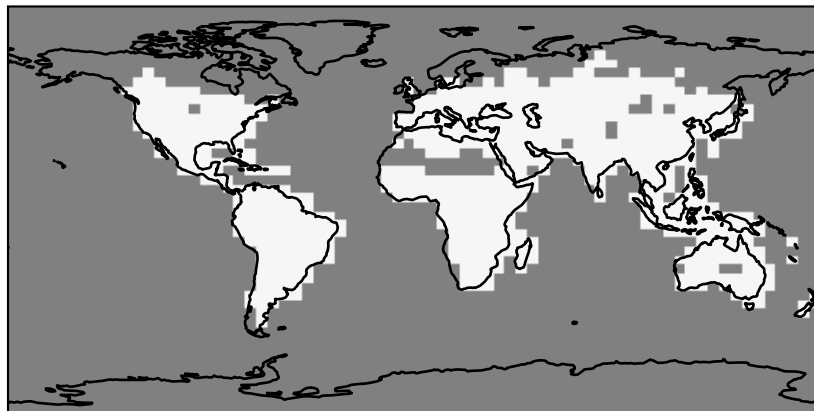
Difference  
Dev - Ref, Dynamic Range



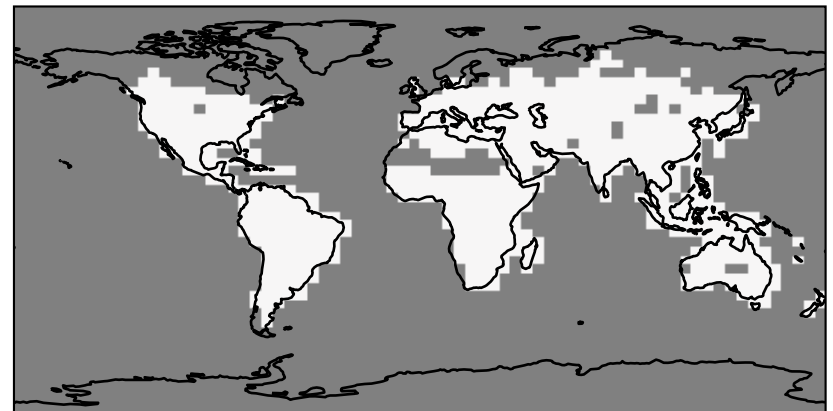
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

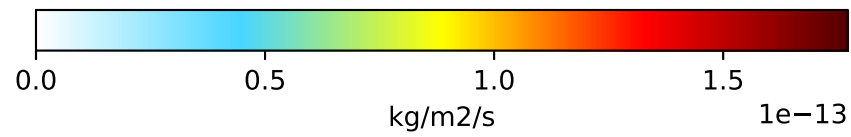
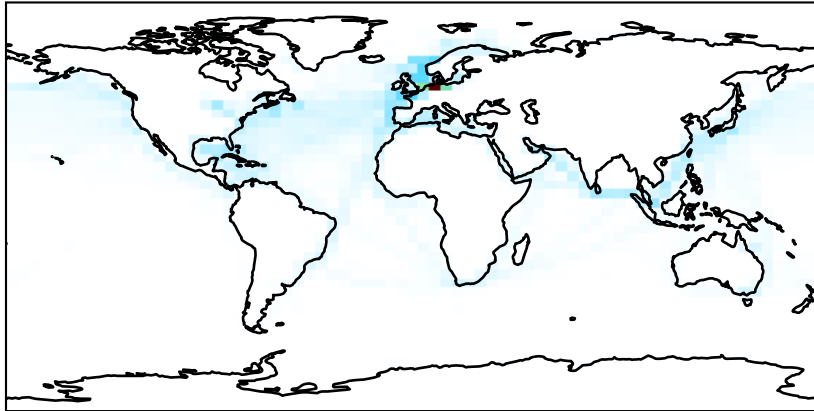


Ratio  
Dev/Ref, Fixed Range

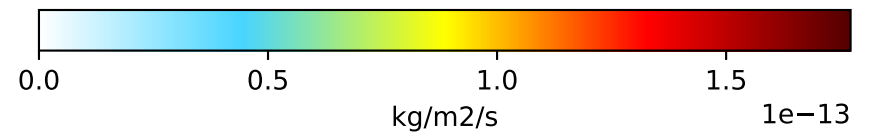
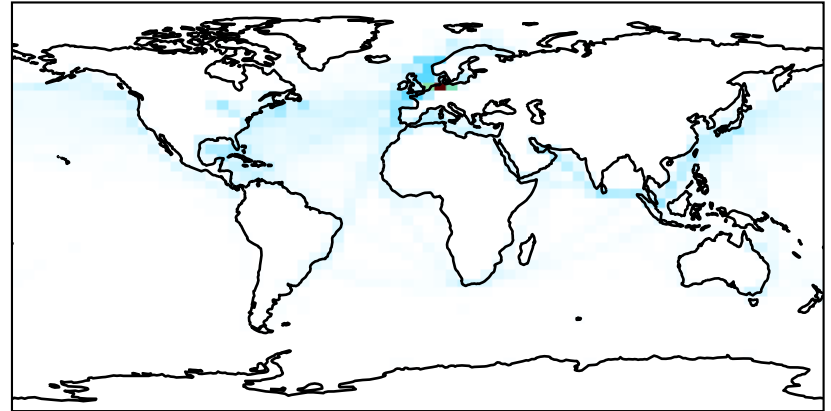


# EmisOCPO\_Ship (Oct2019)

GCC\_14.0.0\_1yr (Ref)  
4.0x5.0



GCC\_14.0.0\_10yr (Dev)  
4.0x5.0



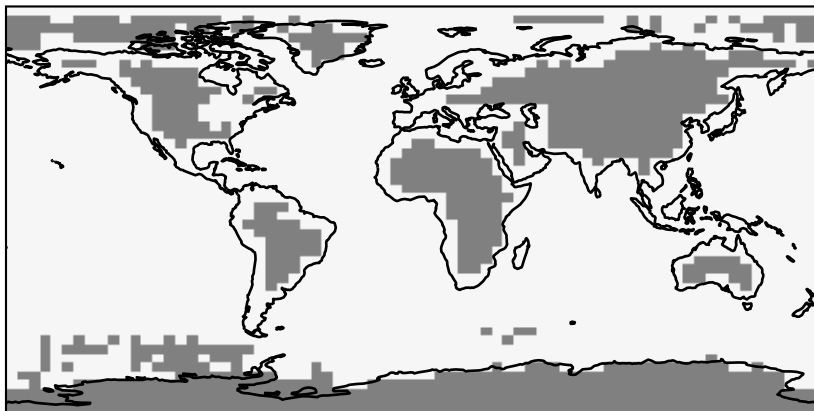
Difference  
Dev - Ref, Dynamic Range



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



Ratio  
Dev/Ref, Dynamic Range



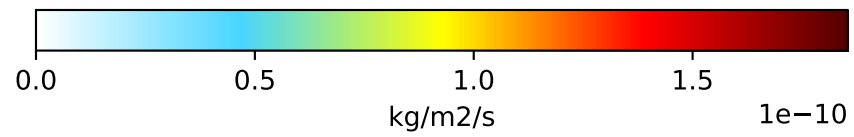
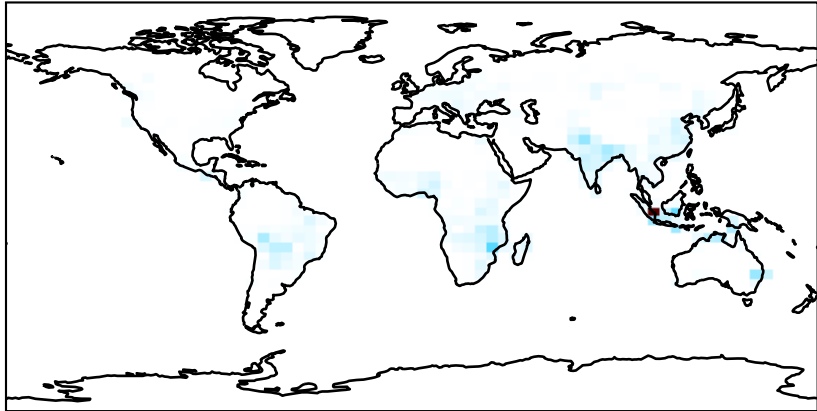
Ratio  
Dev/Ref, Fixed Range



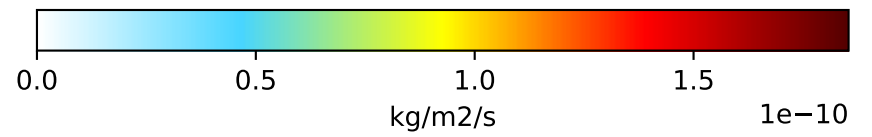
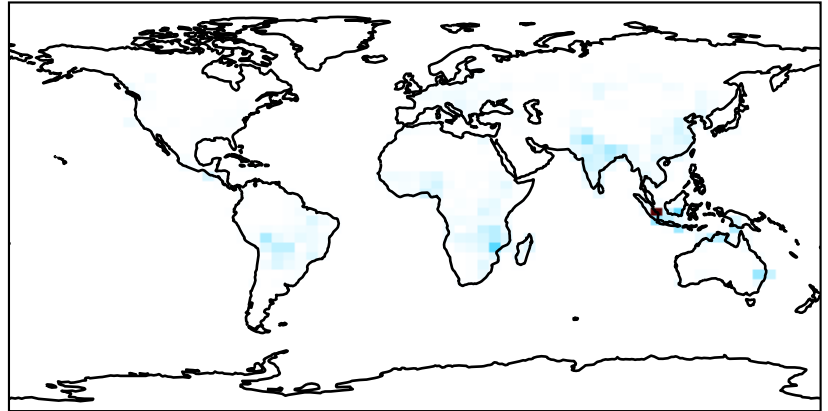


# EmisOCPO\_Total (Oct2019)

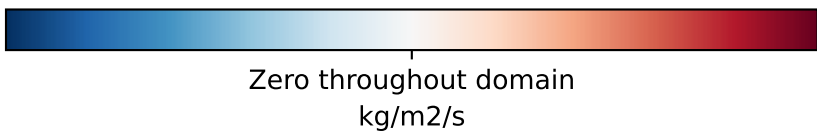
GCC\_14.0.0\_1yr (Ref)  
4.0x5.0



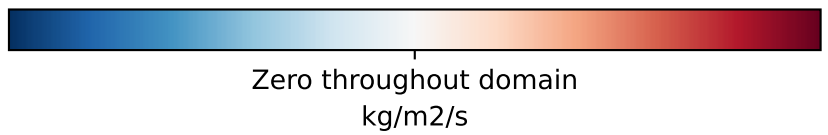
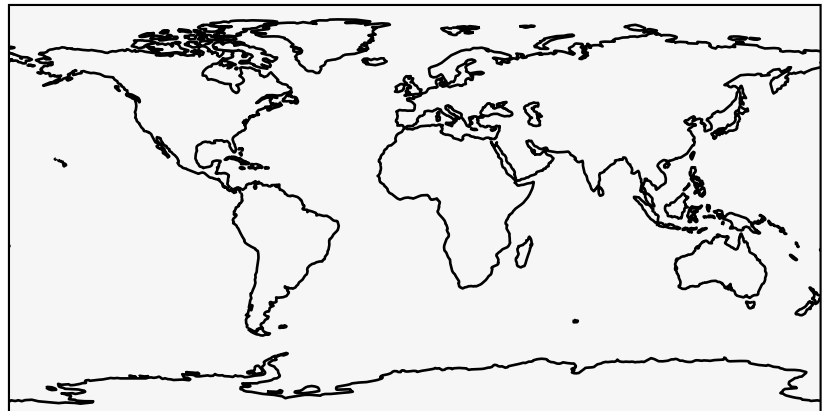
GCC\_14.0.0\_10yr (Dev)  
4.0x5.0



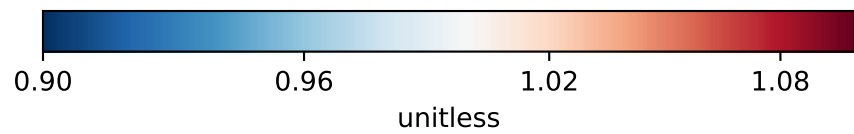
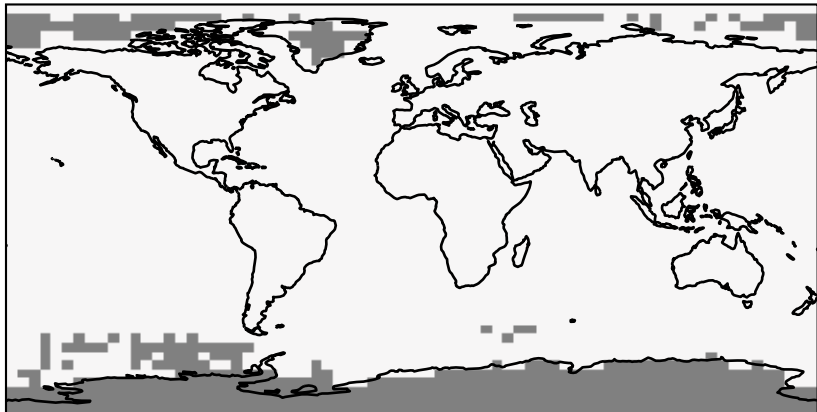
Difference  
Dev - Ref, Dynamic Range



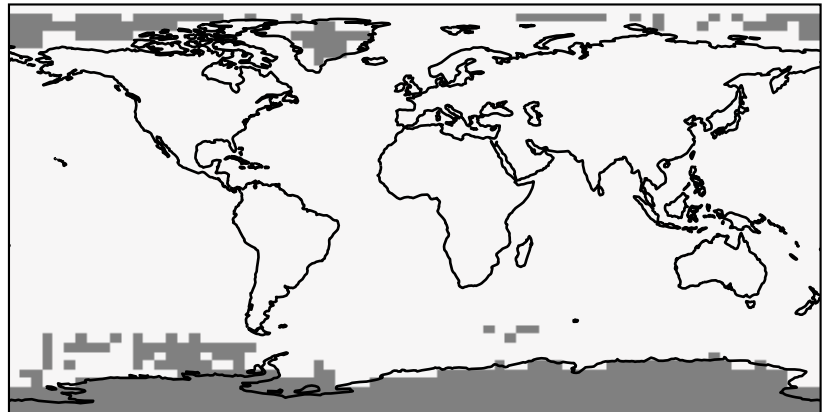
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range



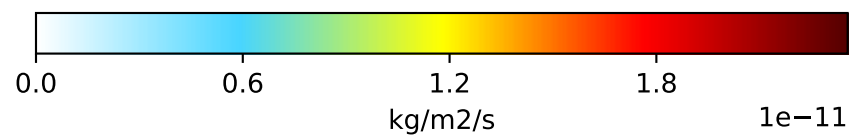
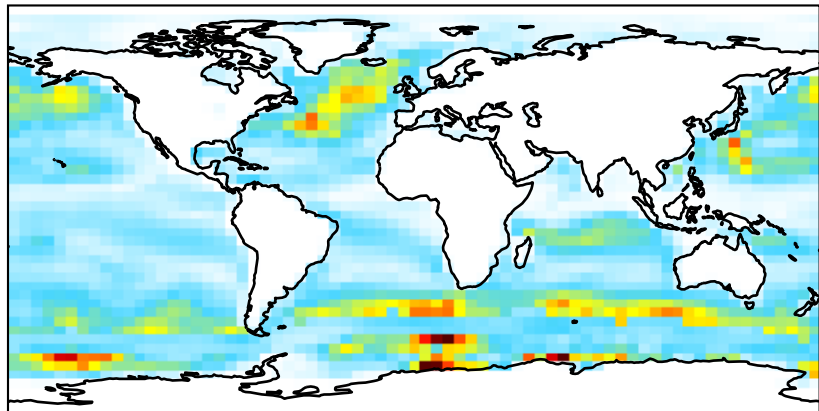
Ratio  
Dev/Ref, Fixed Range



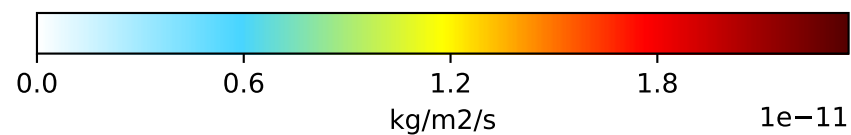
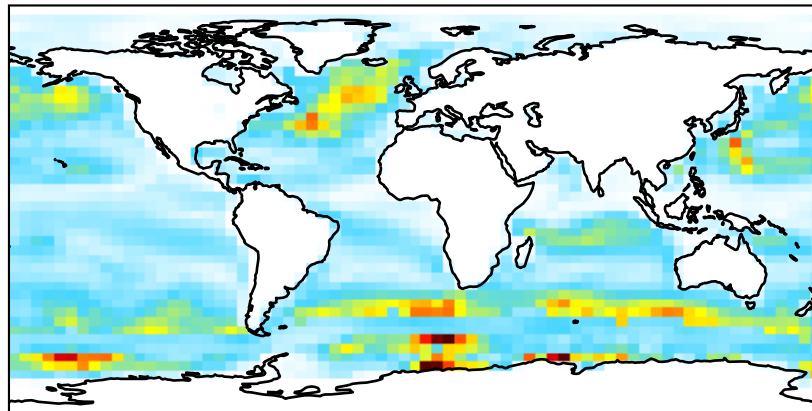


# EmisSALA\_Natural (Oct2019)

GCC\_14.0.0\_1yr (Ref)  
4.0x5.0



GCC\_14.0.0\_10yr (Dev)  
4.0x5.0



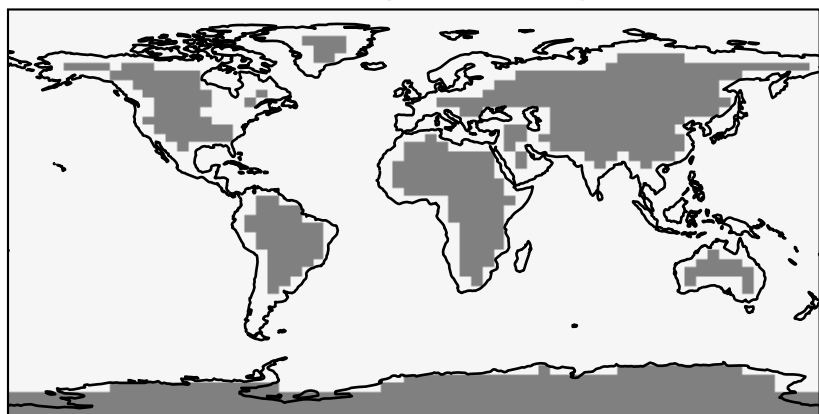
Difference  
Dev - Ref, Dynamic Range



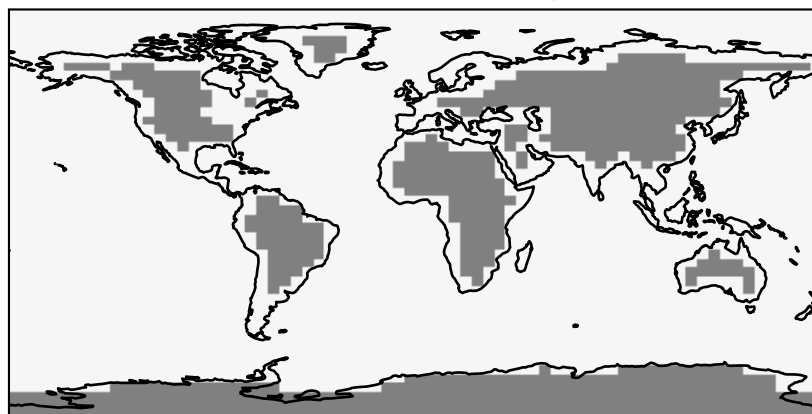
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

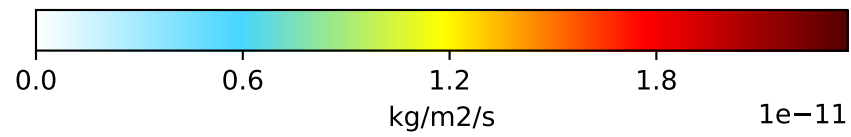
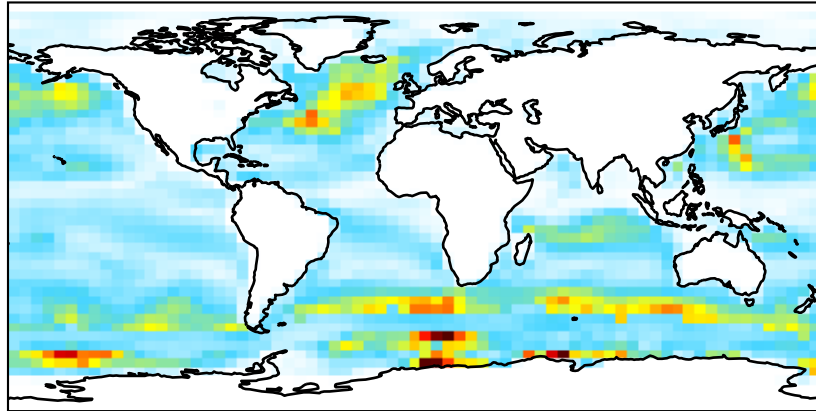


Ratio  
Dev/Ref, Fixed Range

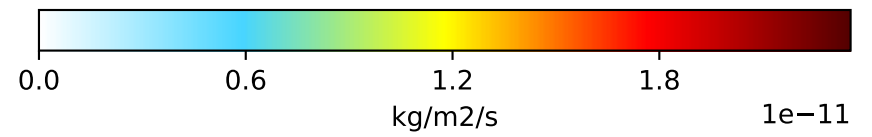
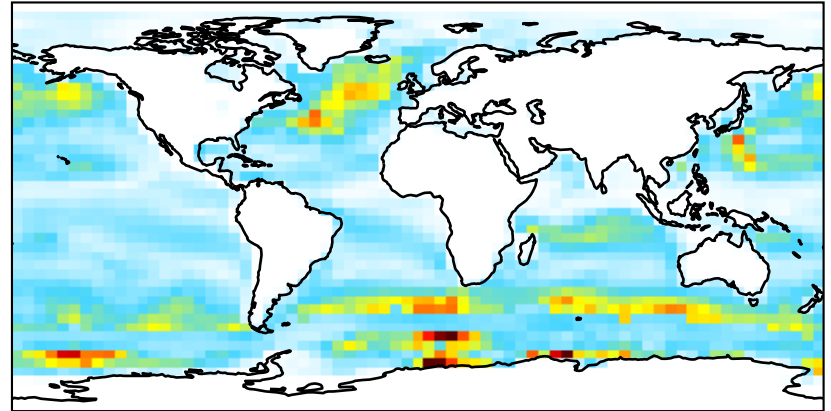


# EmisSALAAL\_Natural (Oct2019)

GCC\_14.0.0\_1yr (Ref)  
4.0x5.0



GCC\_14.0.0\_10yr (Dev)  
4.0x5.0



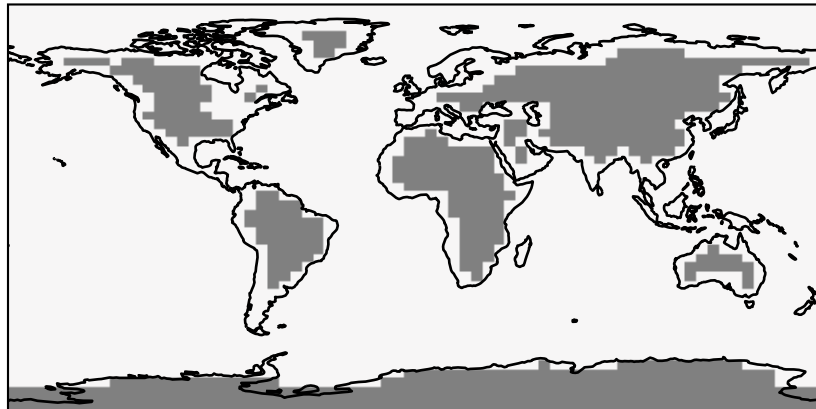
Difference  
Dev - Ref, Dynamic Range



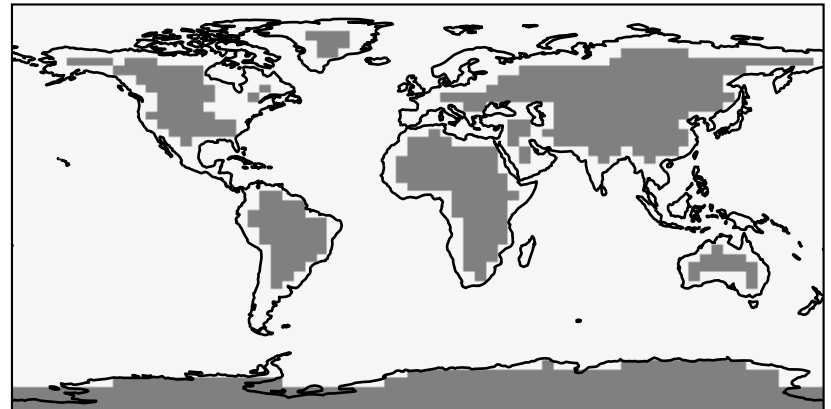
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

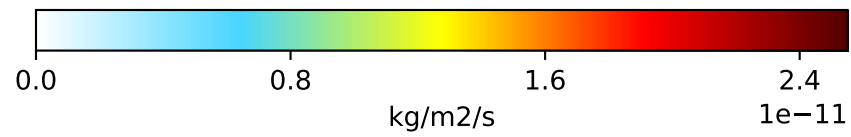
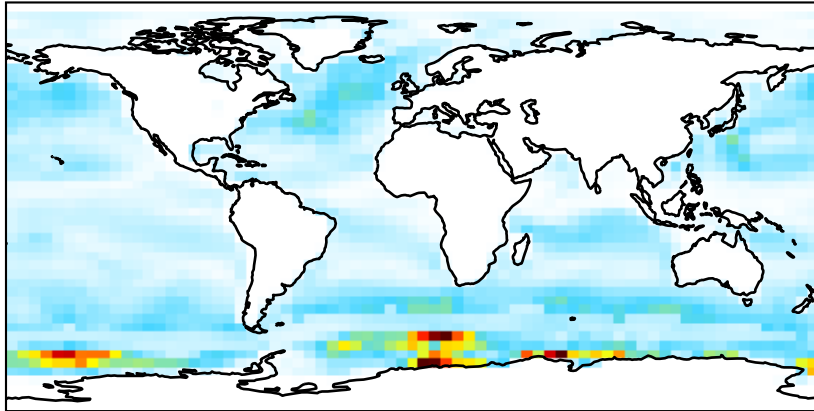


Ratio  
Dev/Ref, Fixed Range

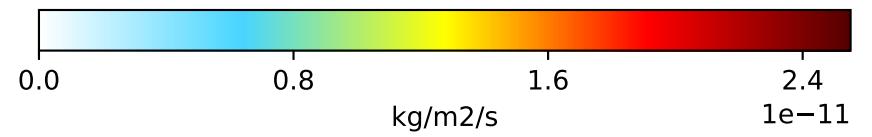
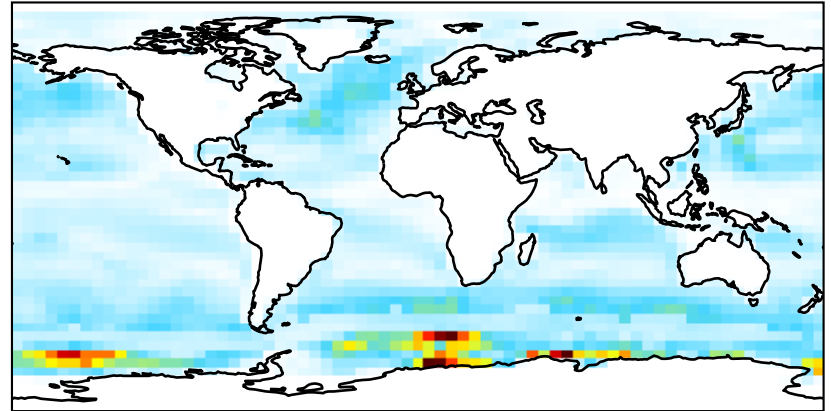


# EmisSALACL\_Natural (Oct2019)

GCC\_14.0.0\_1yr (Ref)  
4.0x5.0



GCC\_14.0.0\_10yr (Dev)  
4.0x5.0



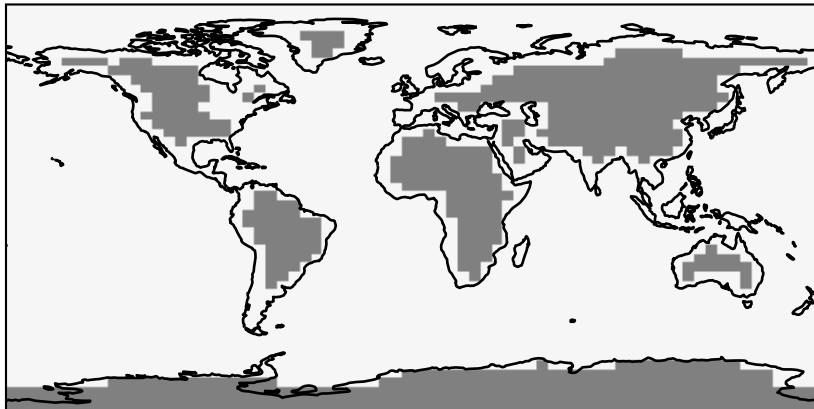
Difference  
Dev - Ref, Dynamic Range



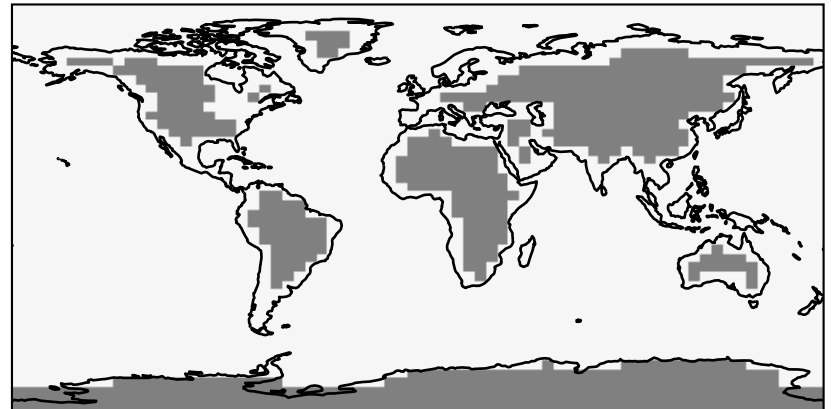
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

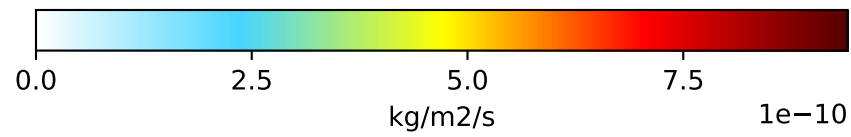
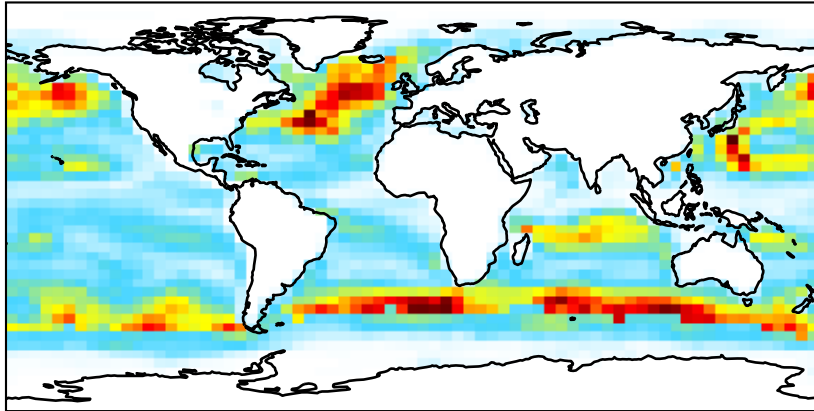


Ratio  
Dev/Ref, Fixed Range

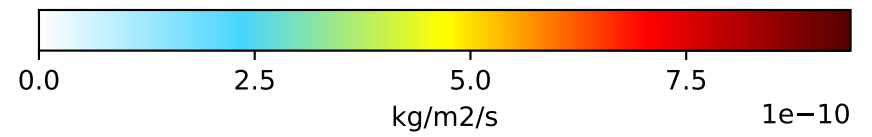
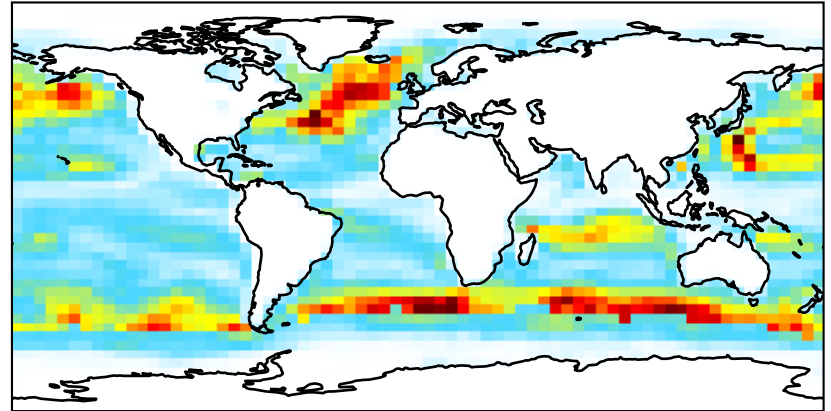


# EmisSALC\_Natural (Oct2019)

GCC\_14.0.0\_1yr (Ref)  
4.0x5.0



GCC\_14.0.0\_10yr (Dev)  
4.0x5.0



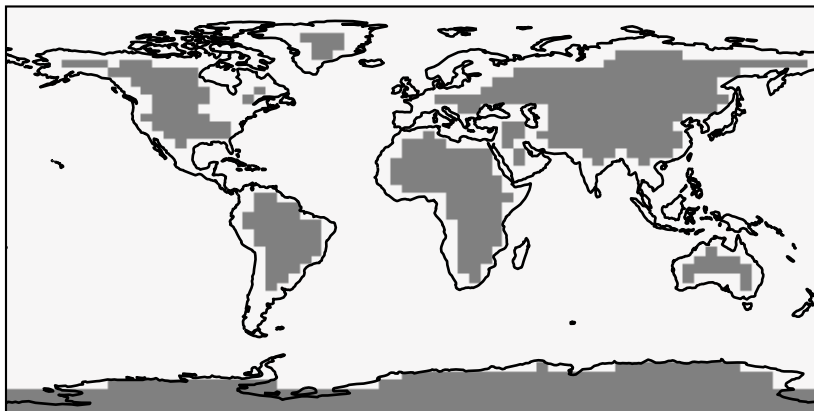
Difference  
Dev - Ref, Dynamic Range



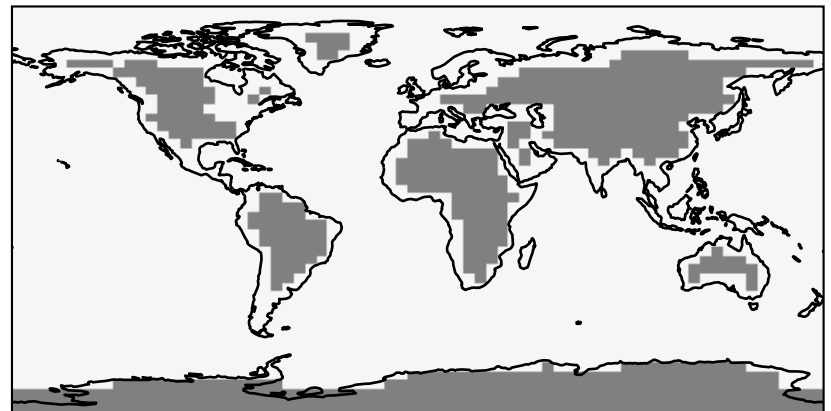
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

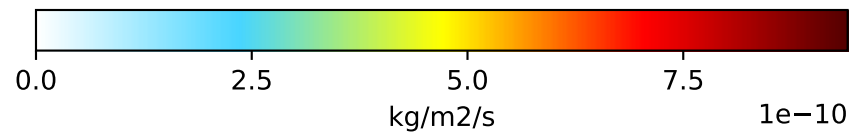
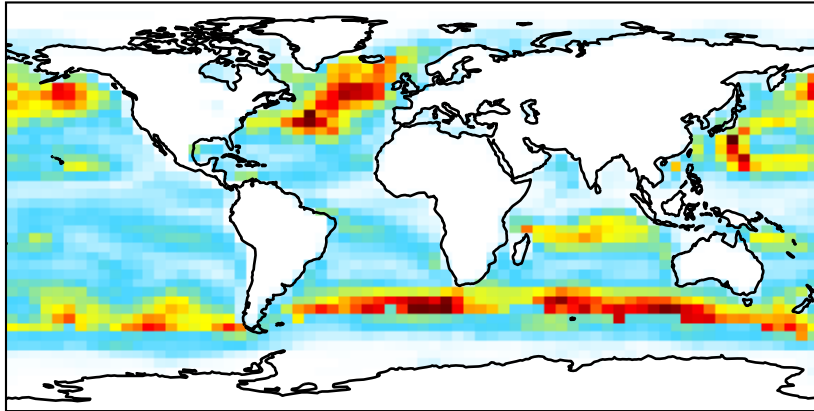


Ratio  
Dev/Ref, Fixed Range

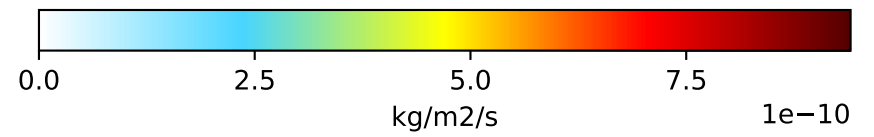
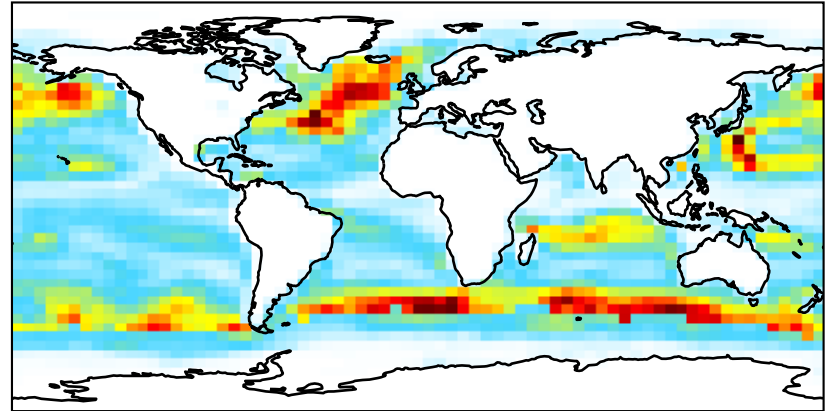


# EmisSALCAL\_Natural (Oct2019)

GCC\_14.0.0\_1yr (Ref)  
4.0x5.0



GCC\_14.0.0\_10yr (Dev)  
4.0x5.0



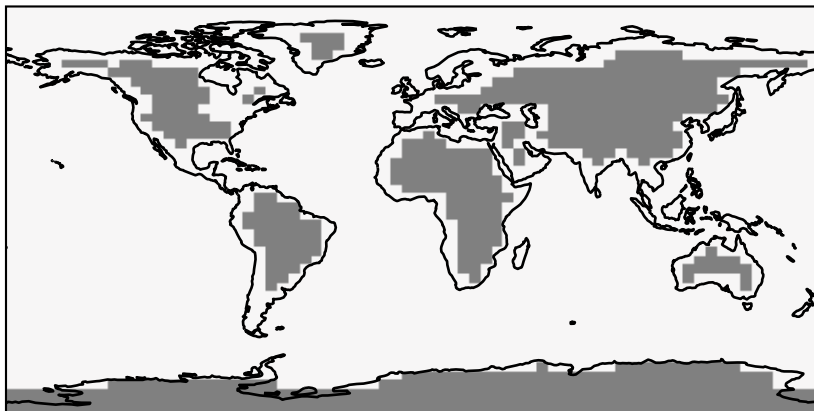
Difference  
Dev - Ref, Dynamic Range



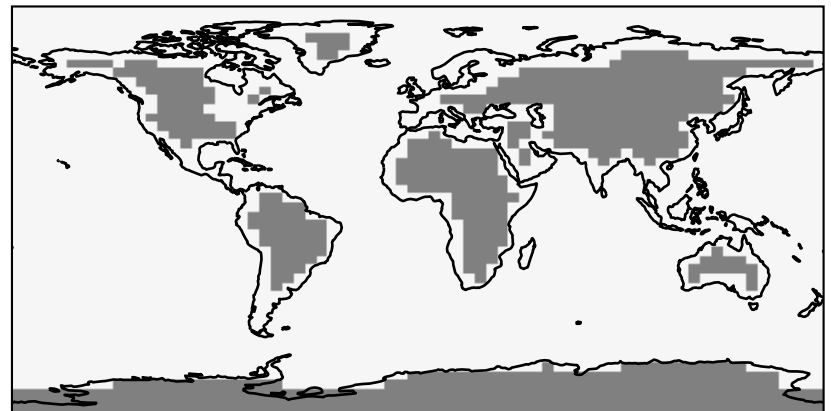
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range



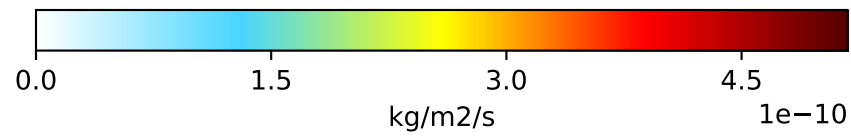
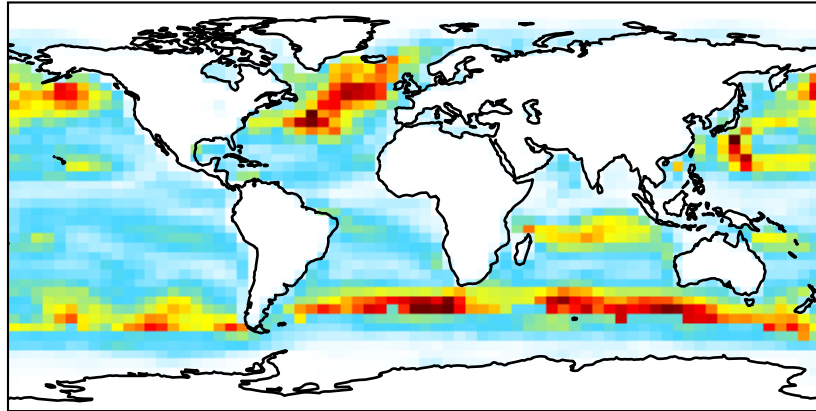
Ratio  
Dev/Ref, Fixed Range



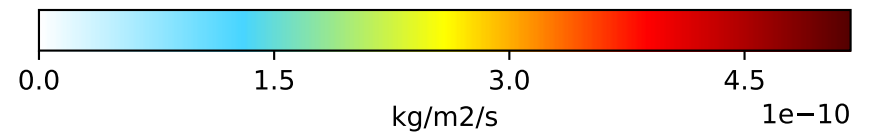
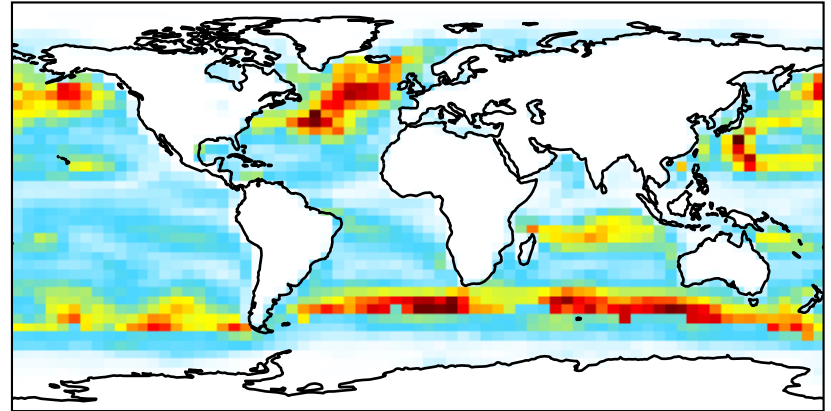


# EmisSALCCL\_Natural (Oct2019)

GCC\_14.0.0\_1yr (Ref)  
4.0x5.0



GCC\_14.0.0\_10yr (Dev)  
4.0x5.0



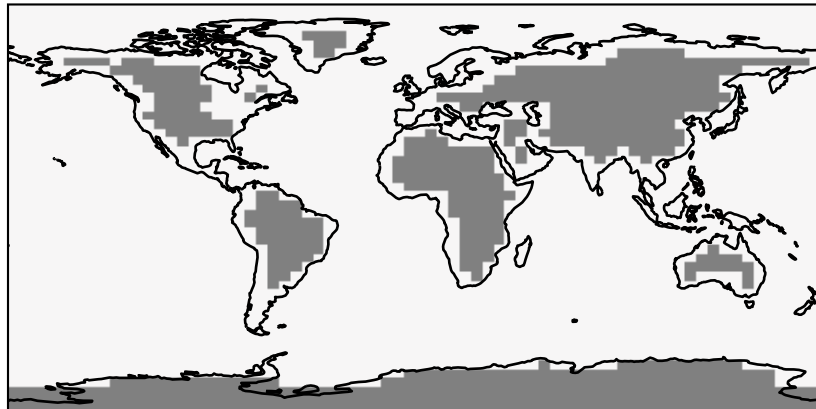
Difference  
Dev - Ref, Dynamic Range



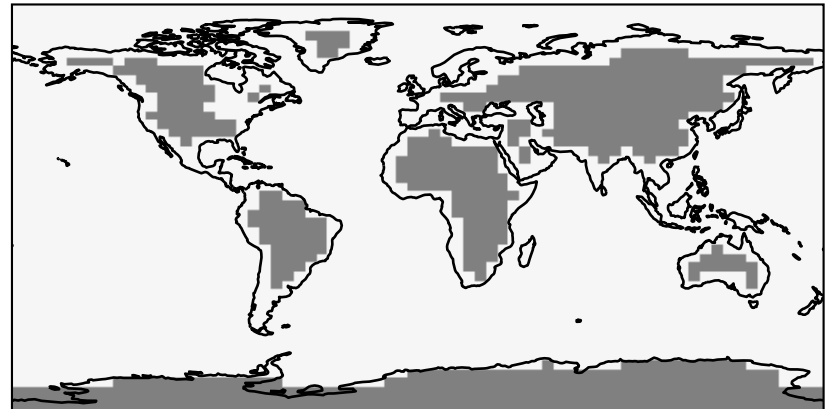
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

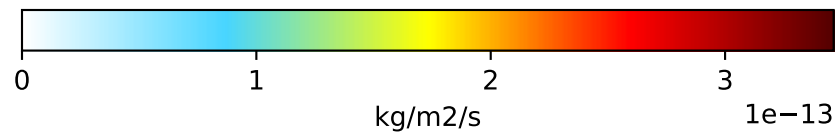
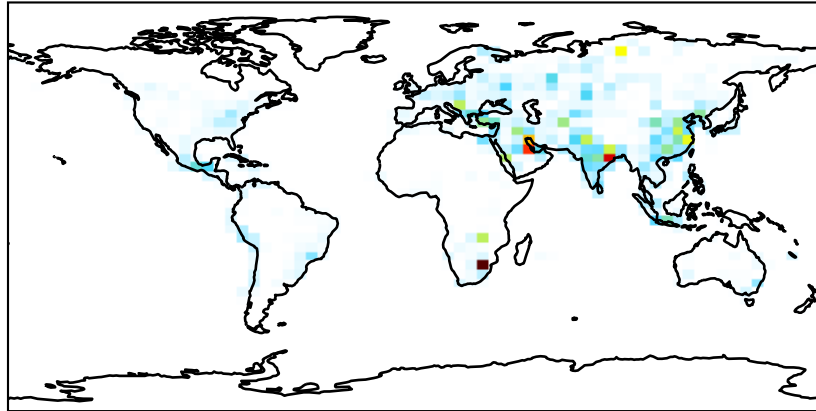


Ratio  
Dev/Ref, Fixed Range

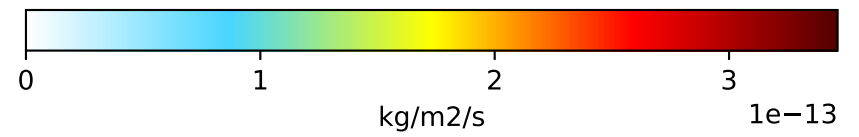
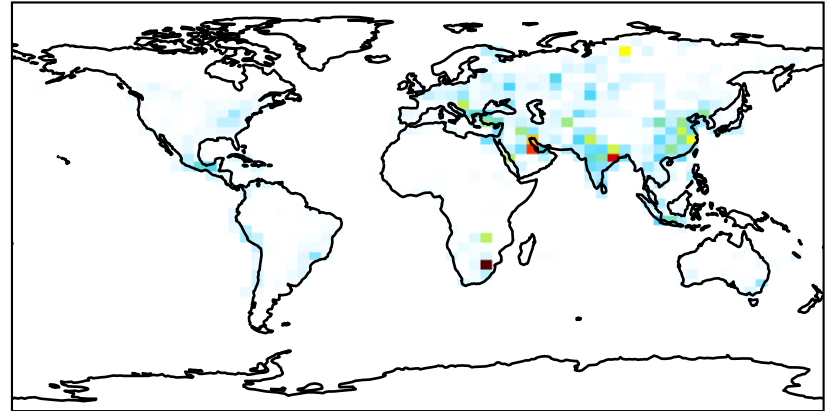


# EmispFe\_Anthro (Oct2019)

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

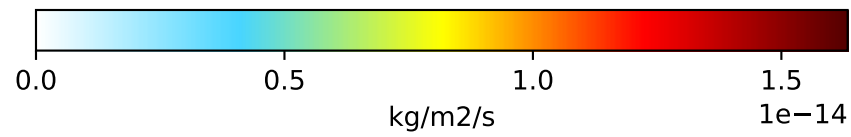
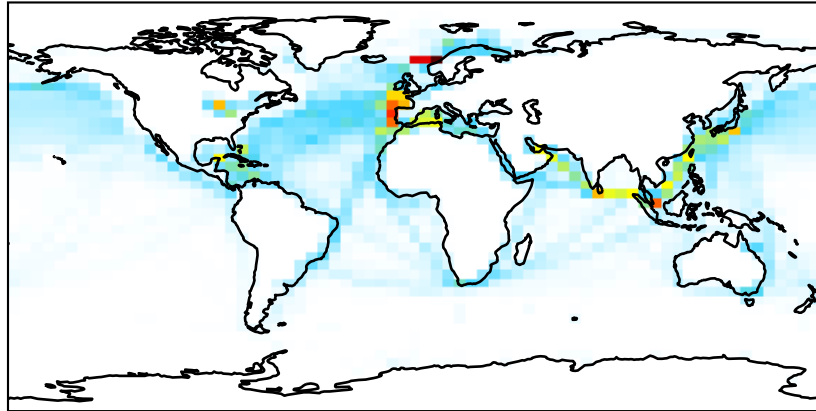


Ratio  
Dev/Ref, Fixed Range

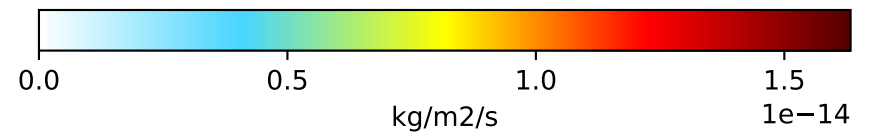
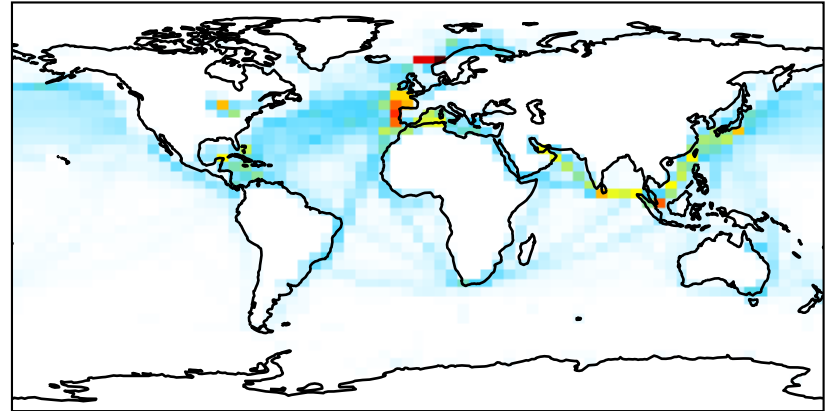


# EmispFe\_Ship (Oct2019)

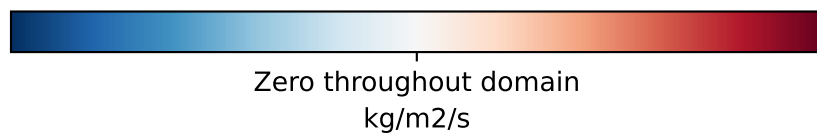
GCC\_14.0.0\_1yr (Ref)  
4.0x5.0



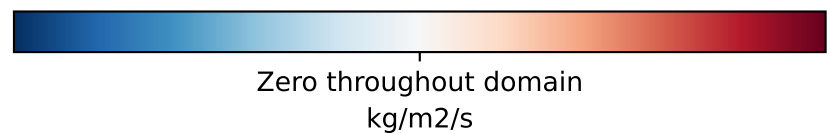
GCC\_14.0.0\_10yr (Dev)  
4.0x5.0



Difference  
Dev - Ref, Dynamic Range



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



Ratio  
Dev/Ref, Dynamic Range

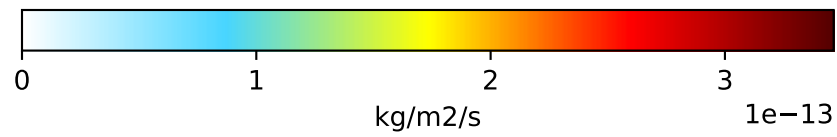
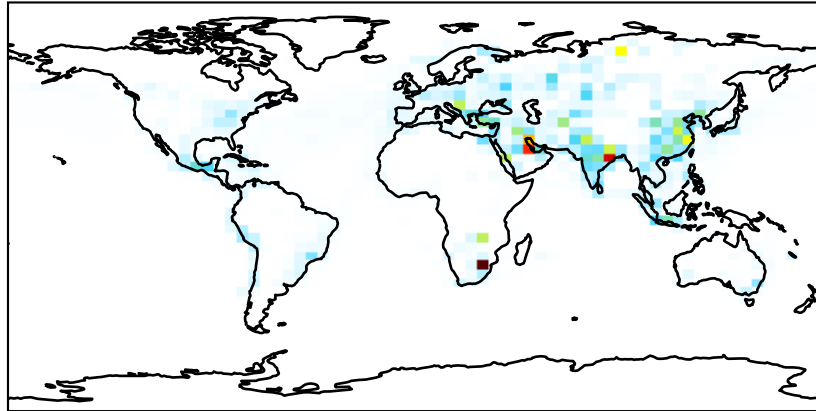


Ratio  
Dev/Ref, Fixed Range

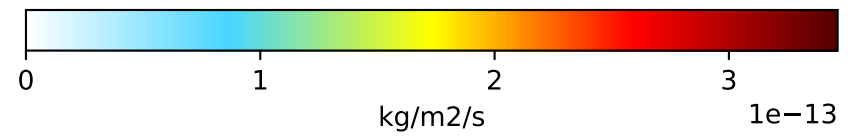
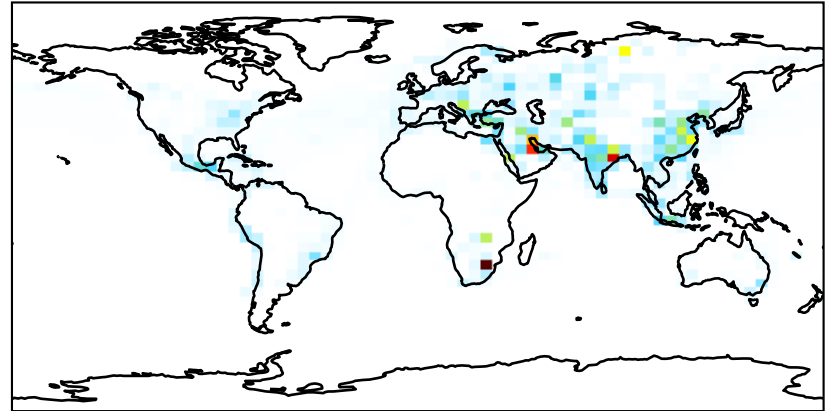


# EmispFe\_Total (Oct2019)

GCC\_14.0.0\_1yr (Ref)  
4.0x5.0



GCC\_14.0.0\_10yr (Dev)  
4.0x5.0



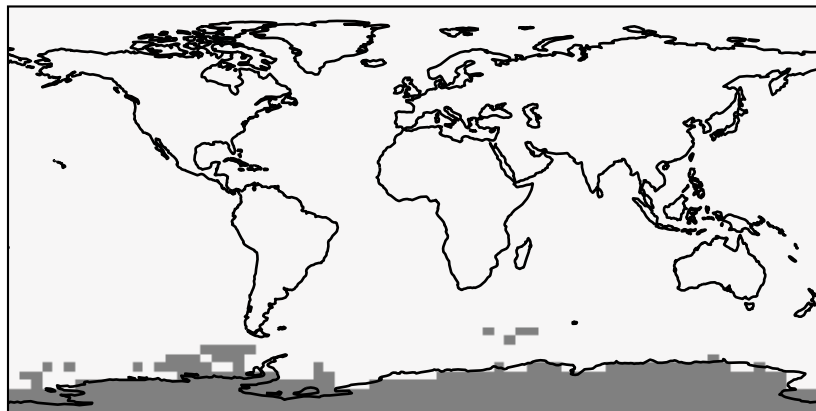
Difference  
Dev - Ref, Dynamic Range



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



Ratio  
Dev/Ref, Dynamic Range



Ratio  
Dev/Ref, Fixed Range

