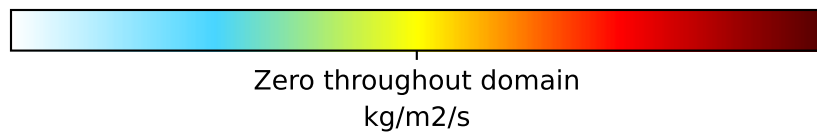
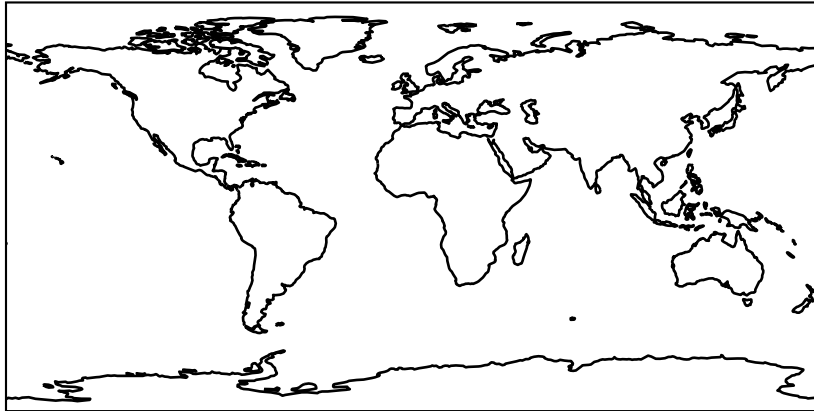
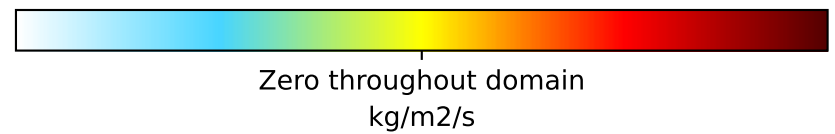
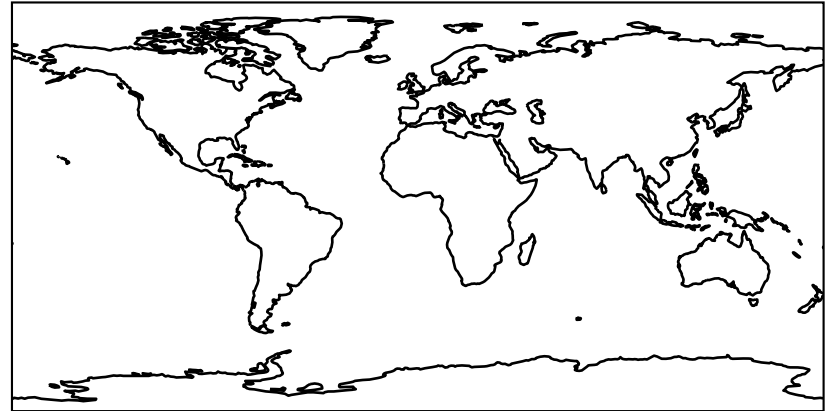


# EmisHNO2\_Anthro (Jan2019)

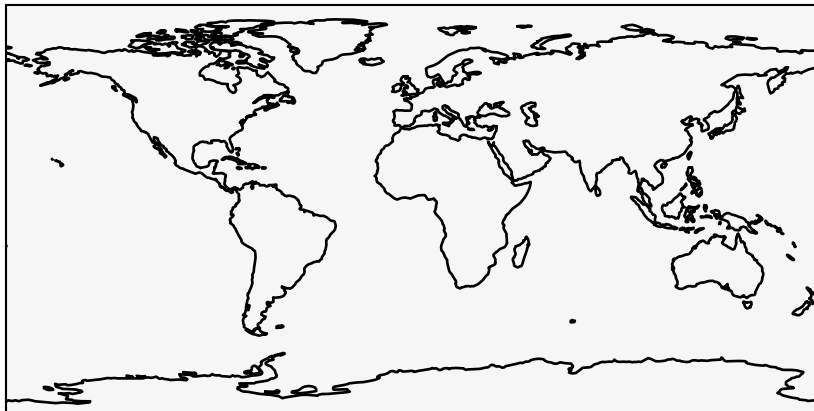
GCC\_13.3.0-rc.0 (Ref)  
4.0x5.0



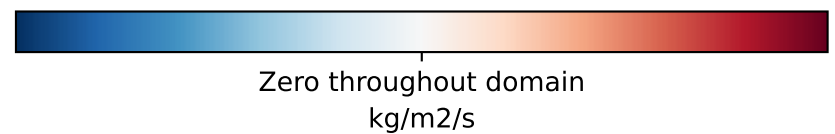
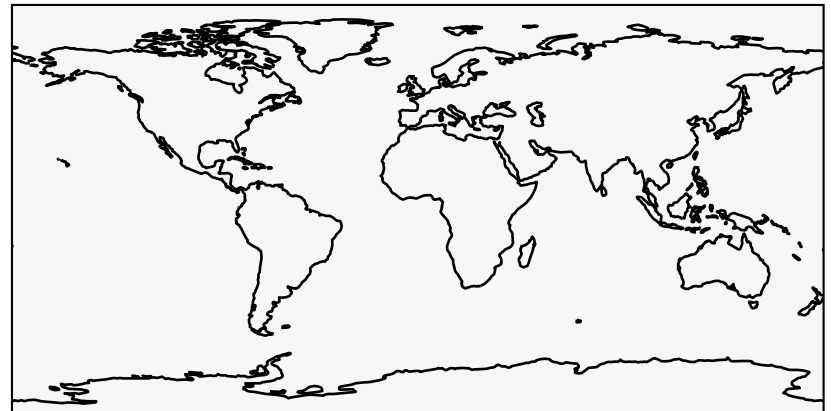
GCC\_13.4.0-rc.3 (Dev)  
4.0x5.0



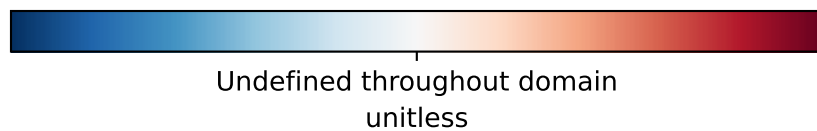
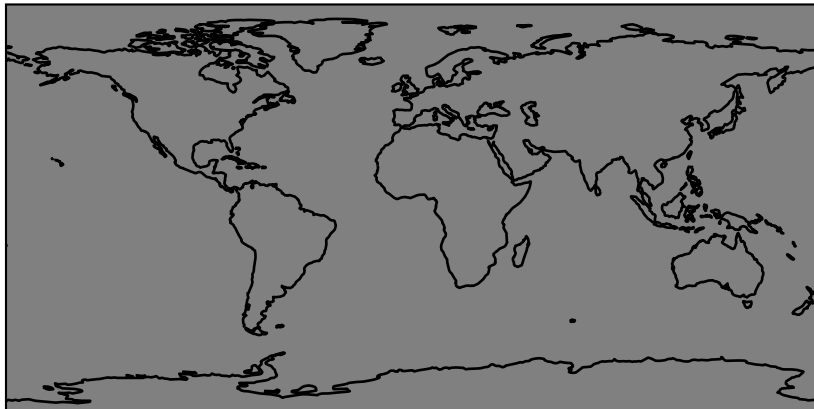
Difference  
Dev - Ref, Dynamic Range



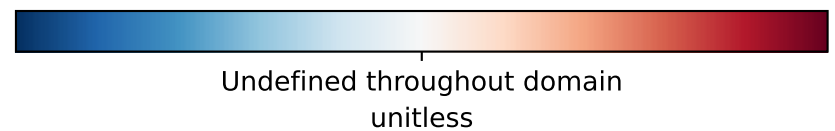
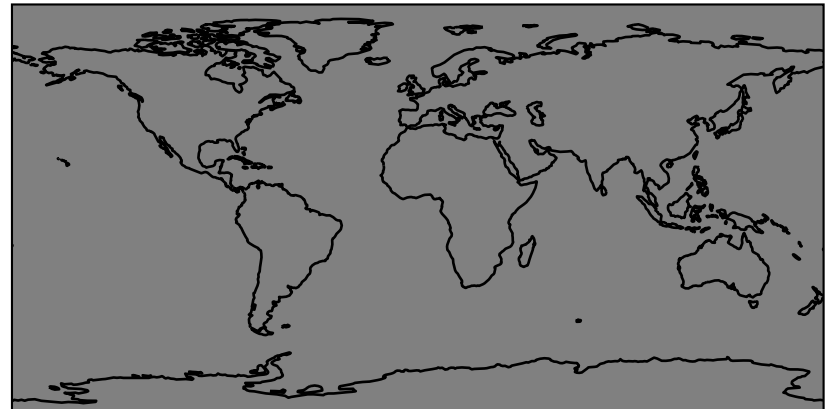
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

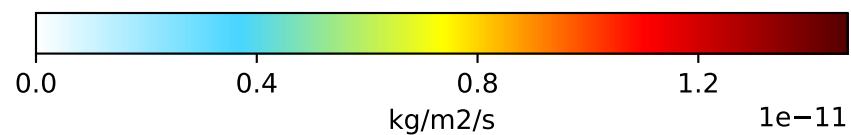
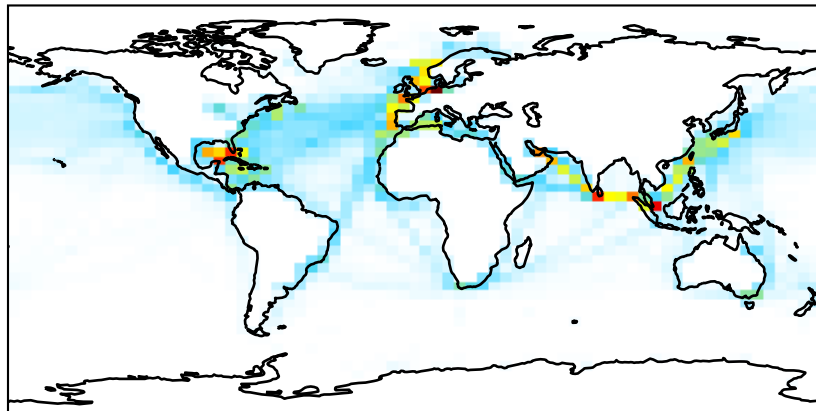


Ratio  
Dev/Ref, Fixed Range

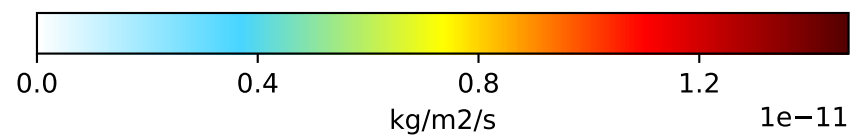
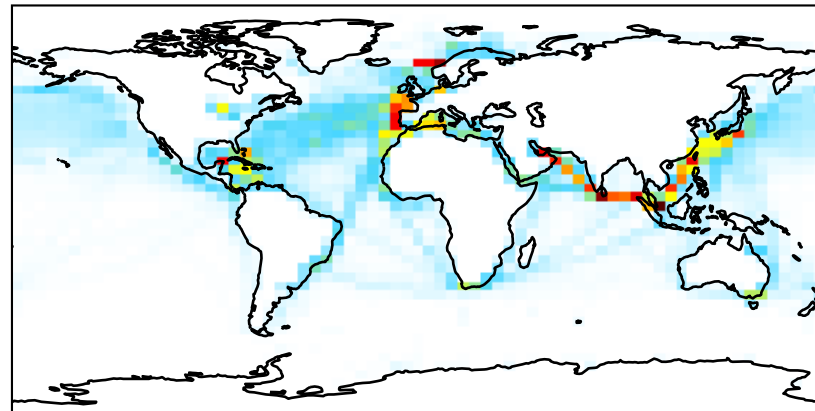


# EmisHNO3\_Ship (Jan2019)

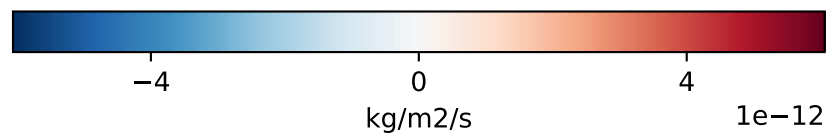
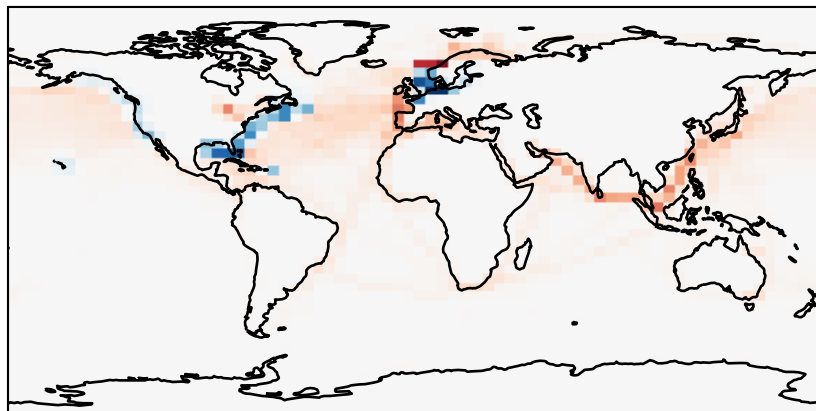
GCC\_13.3.0-rc.0 (Ref)  
4.0x5.0



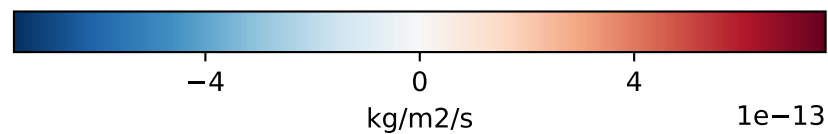
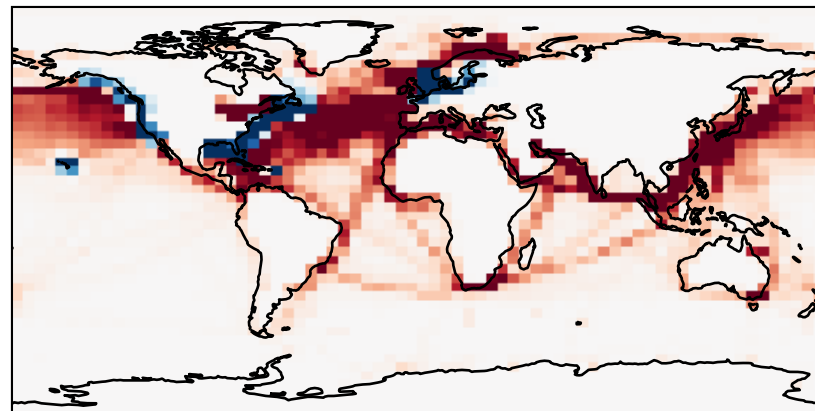
GCC\_13.4.0-rc.3 (Dev)  
4.0x5.0



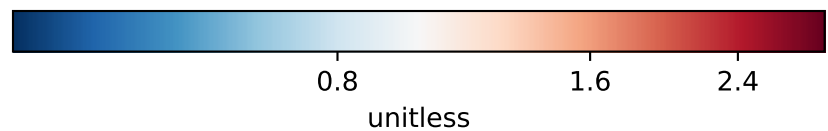
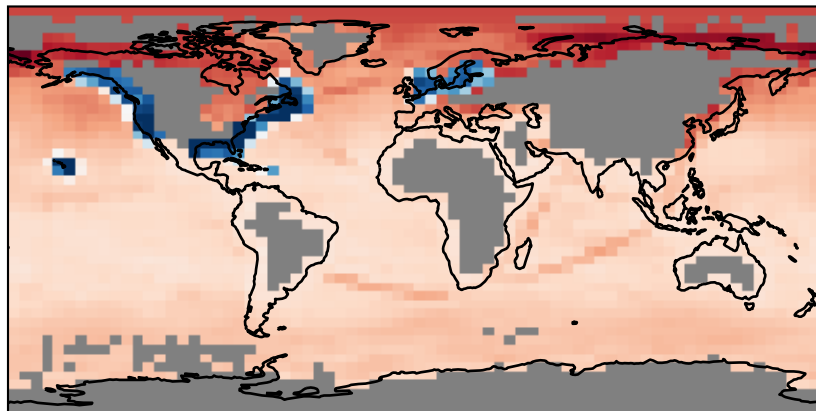
Difference  
Dev - Ref, Dynamic Range



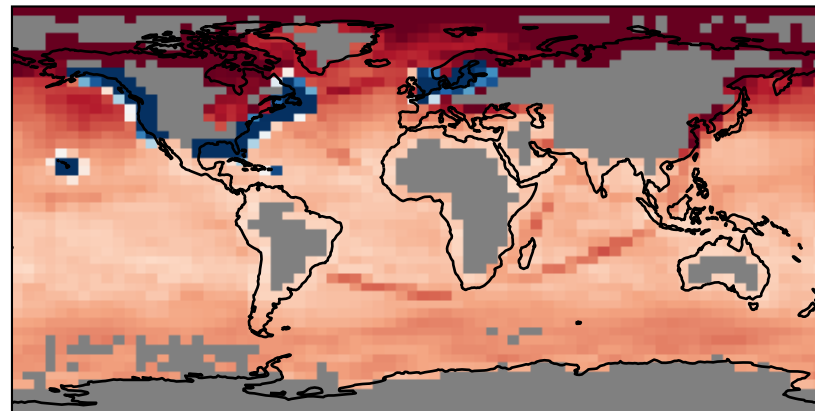
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

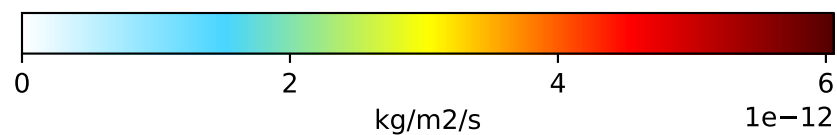
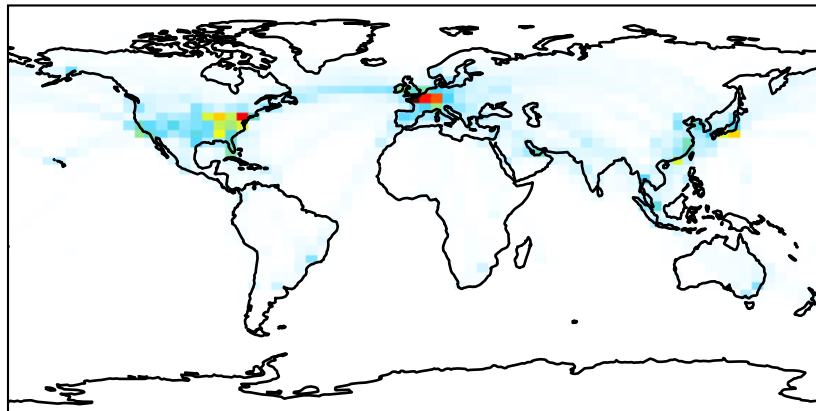


Ratio  
Dev/Ref, Fixed Range

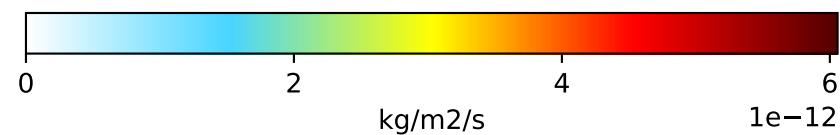
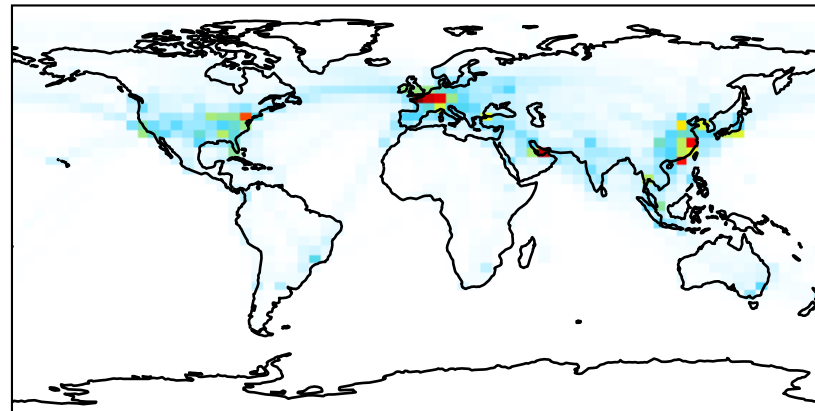


# EmisNO\_Aircraft (Jan2019)

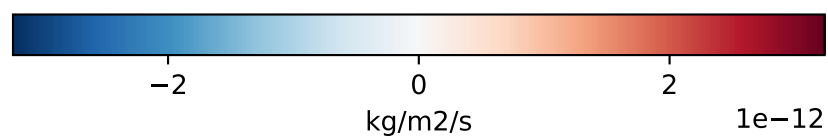
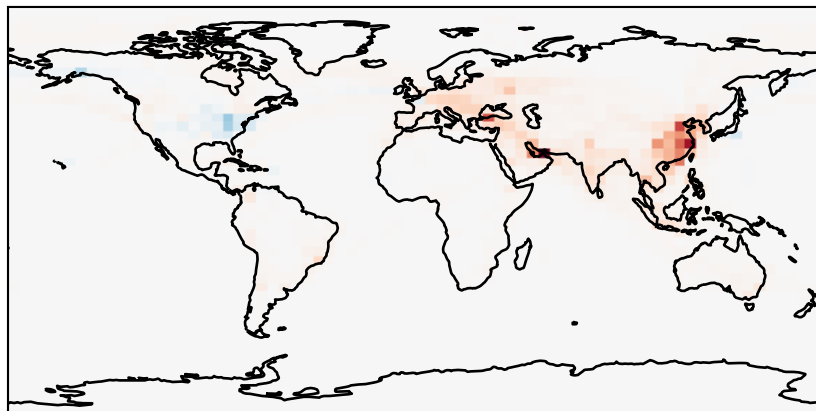
GCC\_13.3.0-rc.0 (Ref)  
4.0x5.0



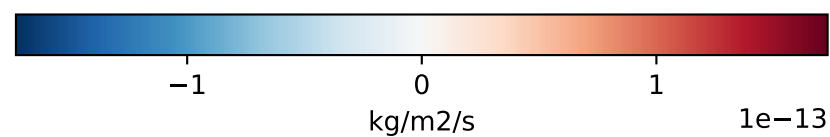
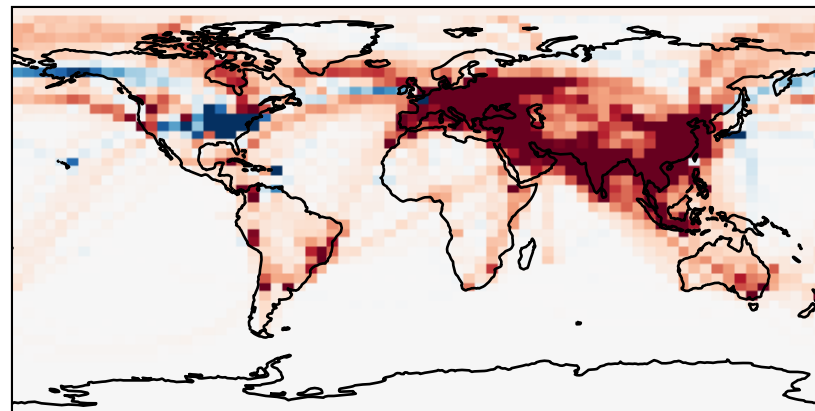
GCC\_13.4.0-rc.3 (Dev)  
4.0x5.0



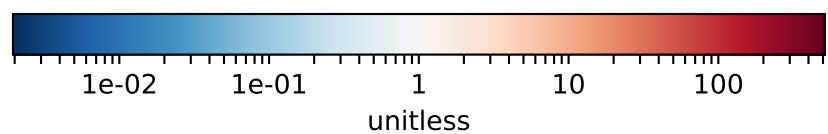
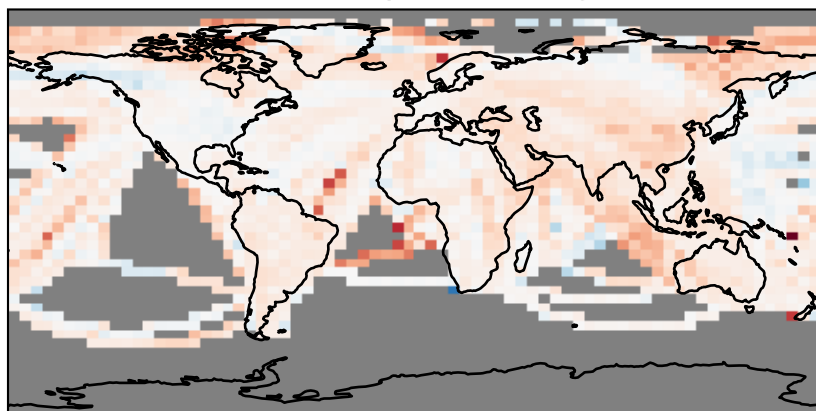
Difference  
Dev - Ref, Dynamic Range



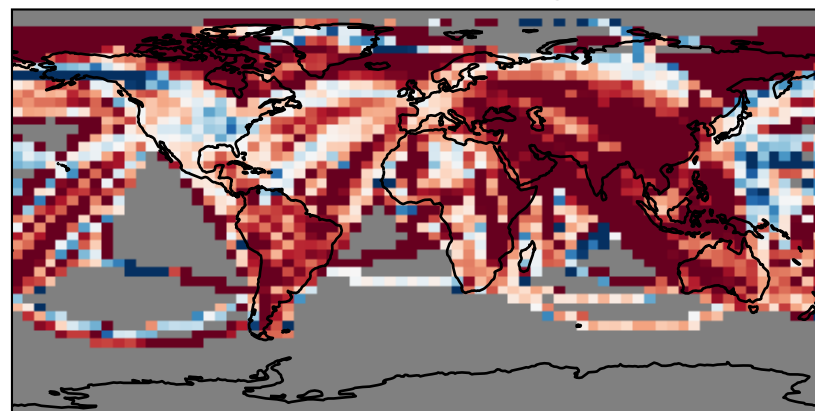
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

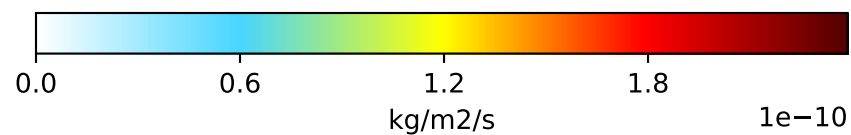
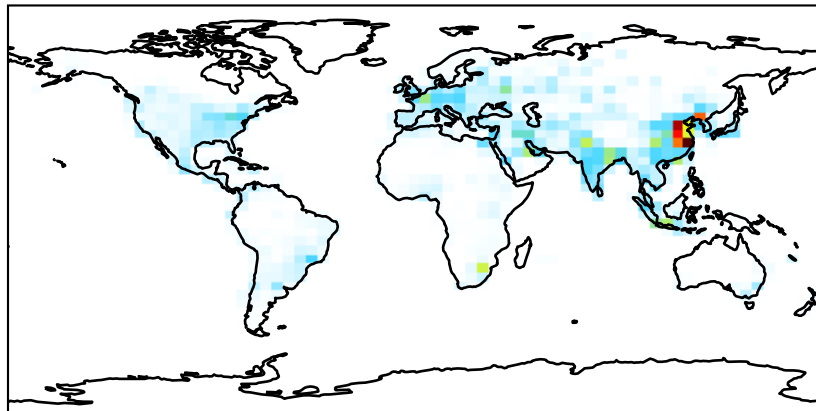


Ratio  
Dev/Ref, Fixed Range

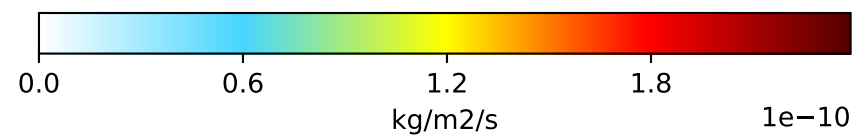
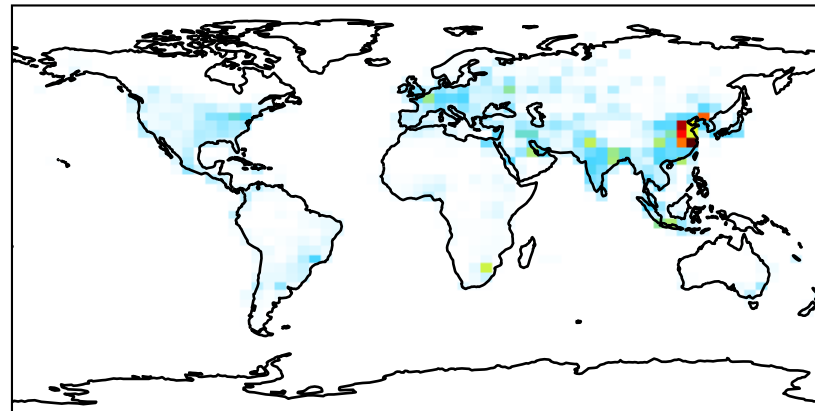


# EmisNO\_Anthro (Jan2019)

GCC\_13.3.0-rc.0 (Ref)  
4.0x5.0



GCC\_13.4.0-rc.3 (Dev)  
4.0x5.0



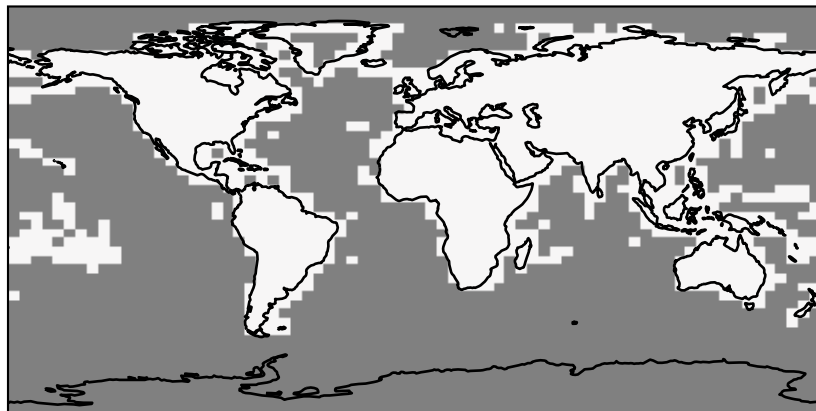
Difference  
Dev - Ref, Dynamic Range



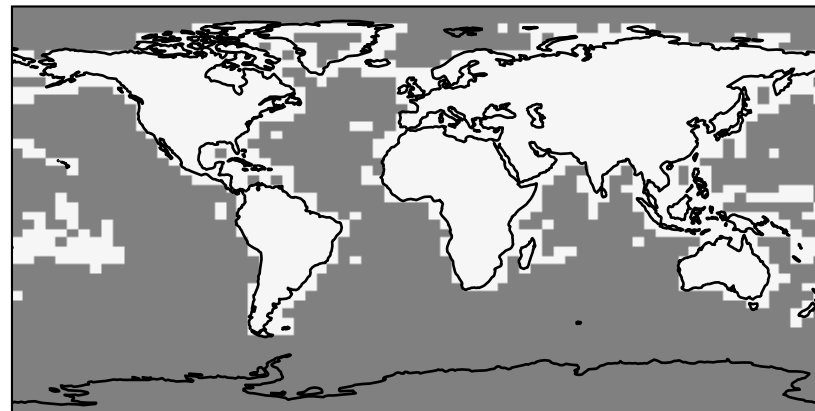
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

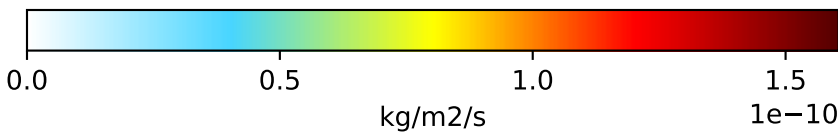
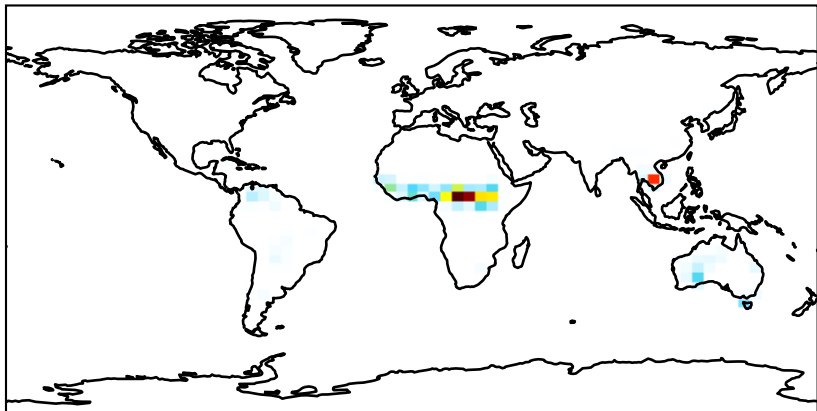


Ratio  
Dev/Ref, Fixed Range

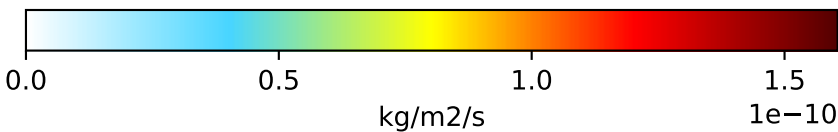
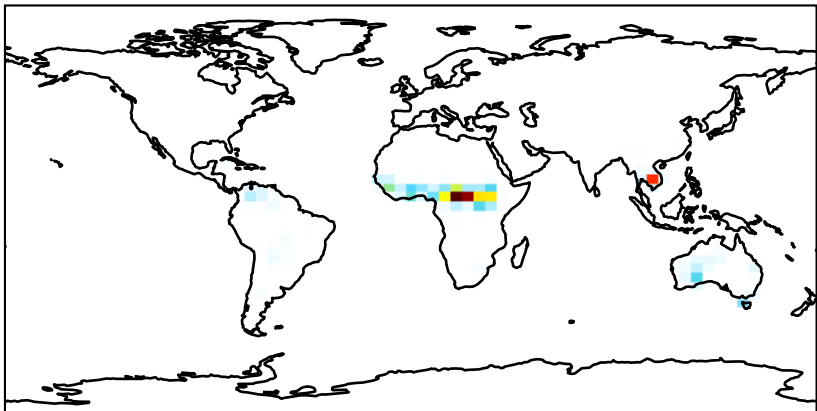


# EmisNO\_BioBurn (Jan2019)

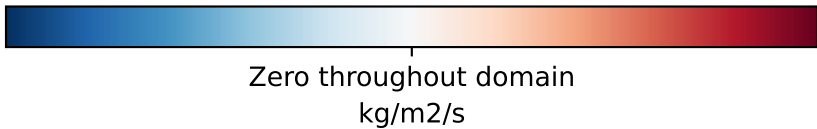
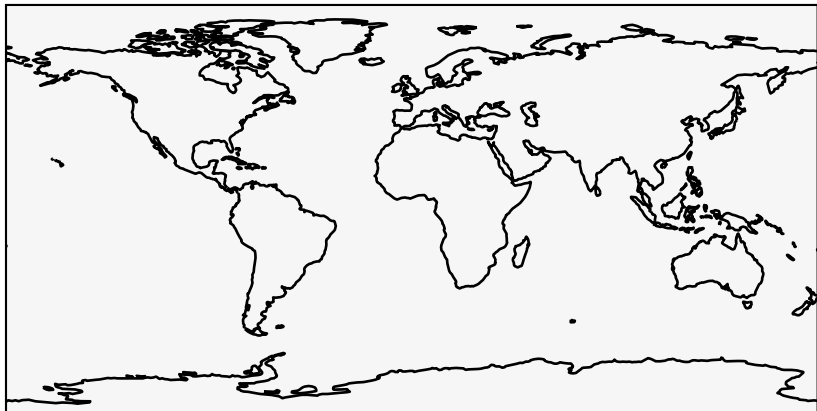
GCC\_13.3.0-rc.0 (Ref)  
4.0x5.0



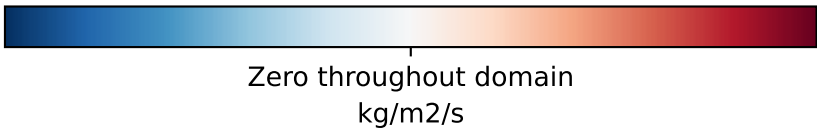
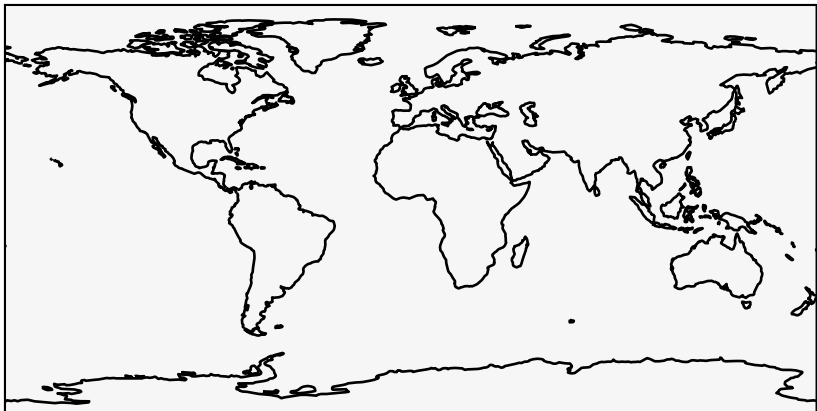
GCC\_13.4.0-rc.3 (Dev)  
4.0x5.0



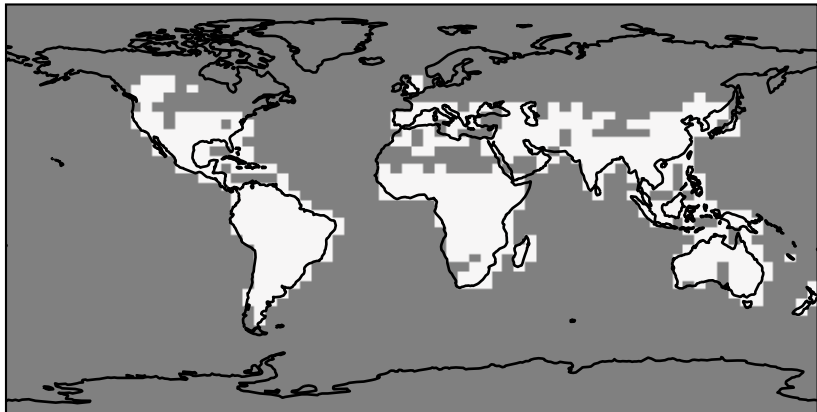
Difference  
Dev - Ref, Dynamic Range



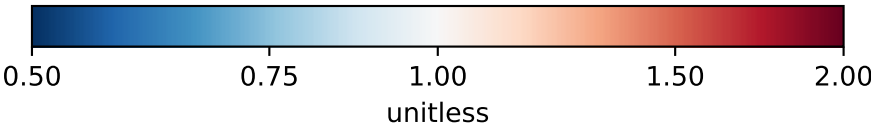
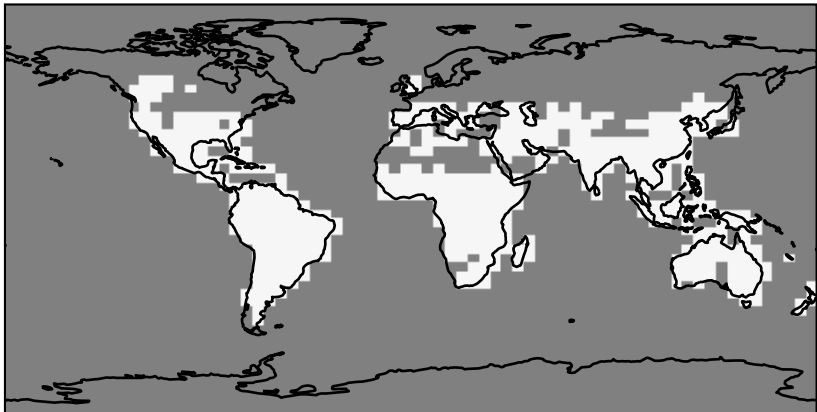
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range



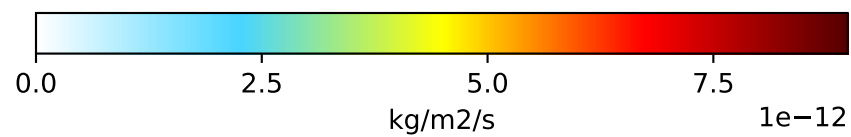
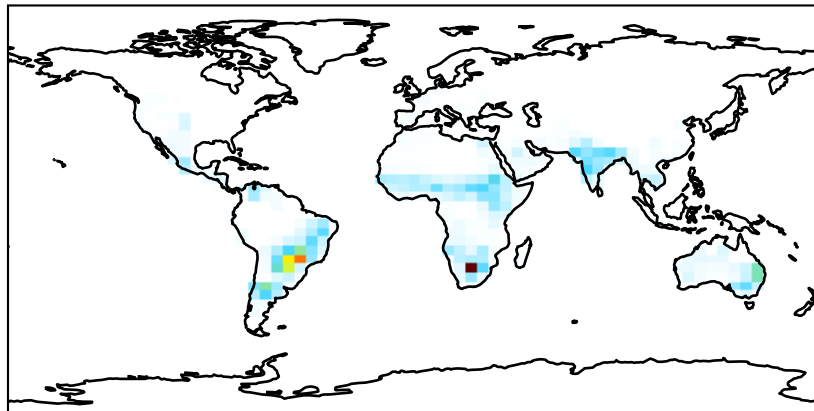
Ratio  
Dev/Ref, Fixed Range



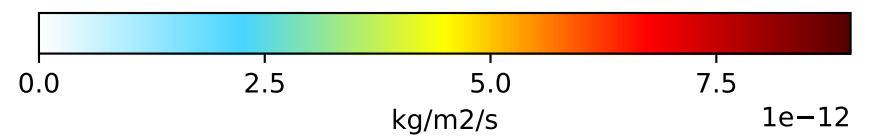
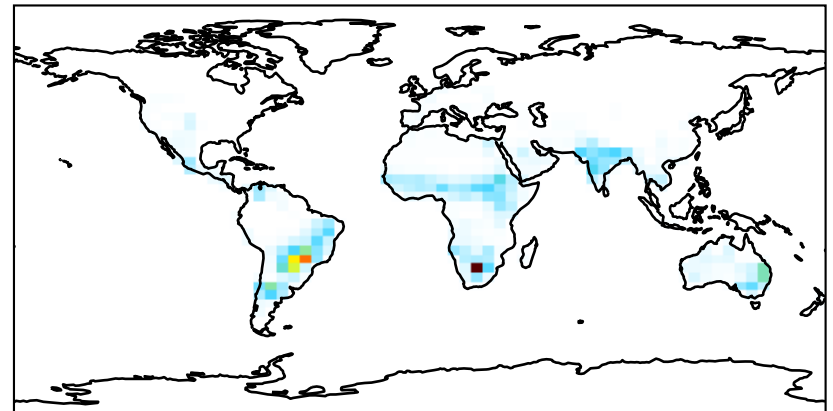


# EmisNO\_Fert (Jan2019)

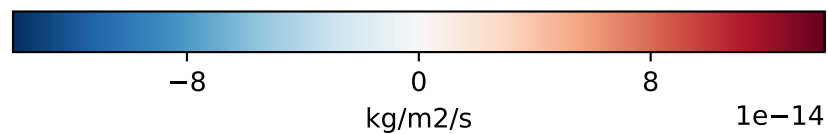
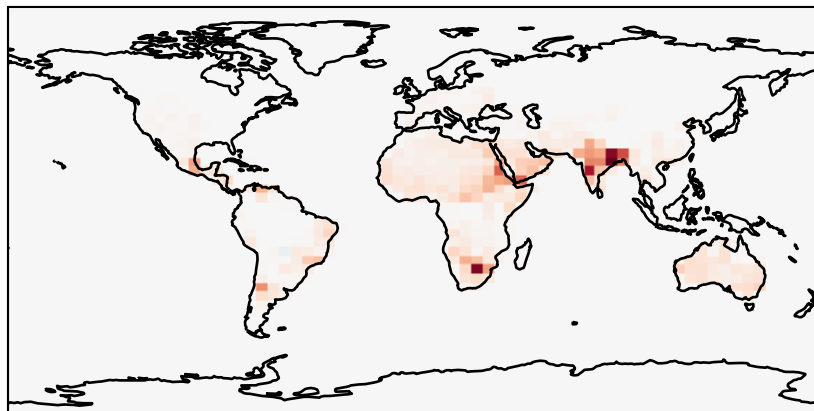
GCC\_13.3.0-rc.0 (Ref)  
4.0x5.0



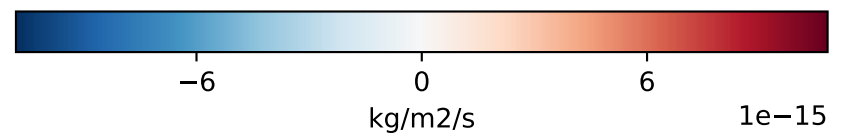
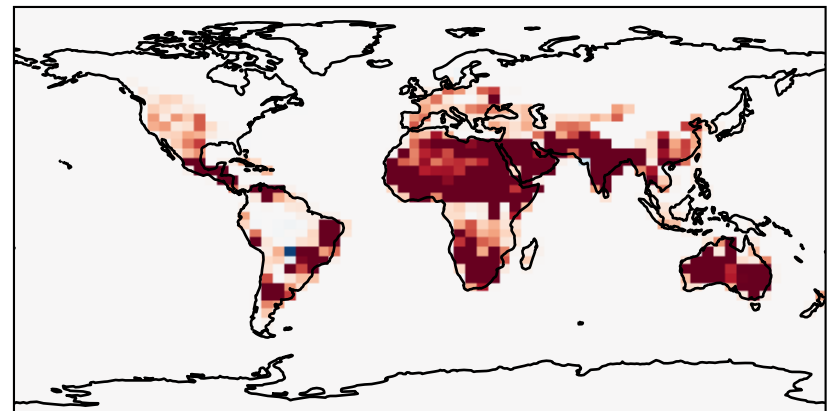
GCC\_13.4.0-rc.3 (Dev)  
4.0x5.0



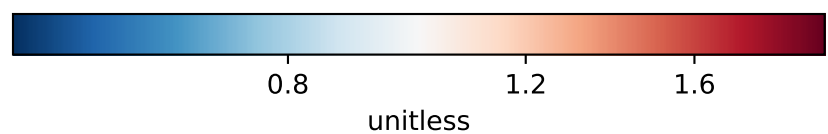
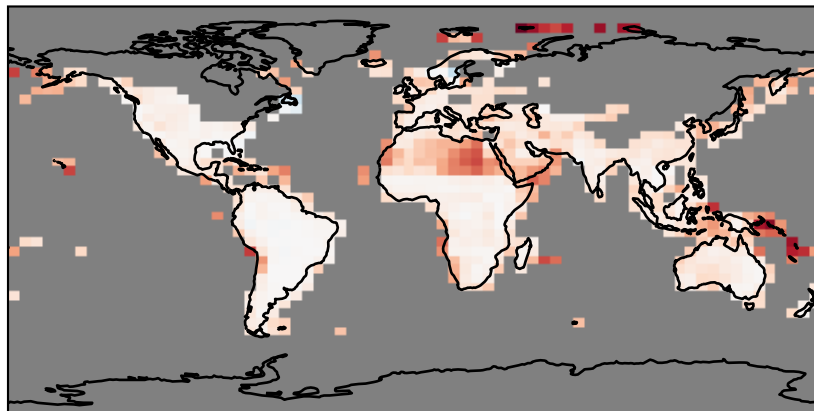
Difference  
Dev - Ref, Dynamic Range



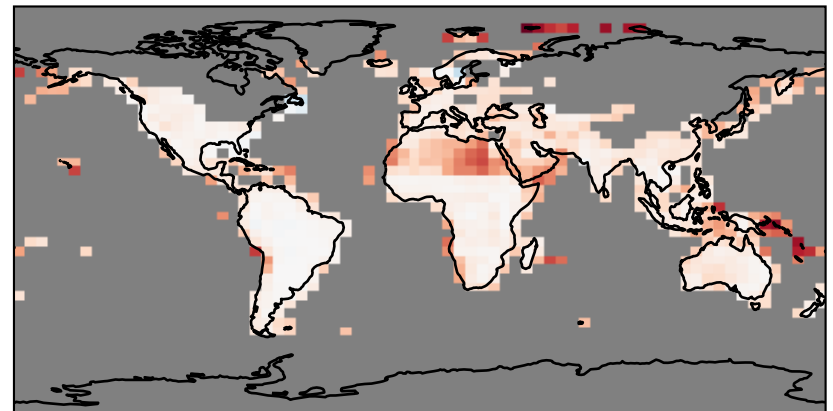
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

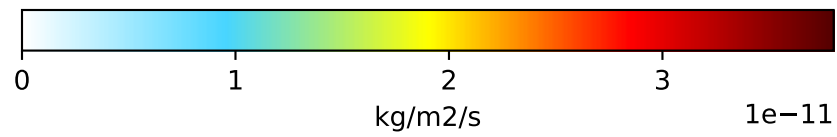
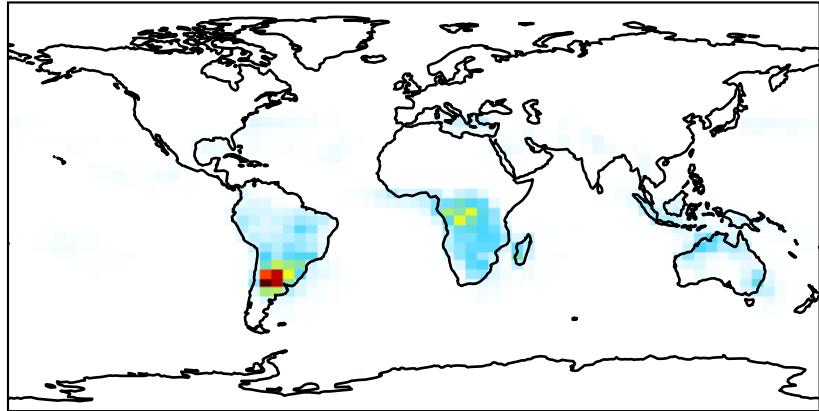


Ratio  
Dev/Ref, Fixed Range

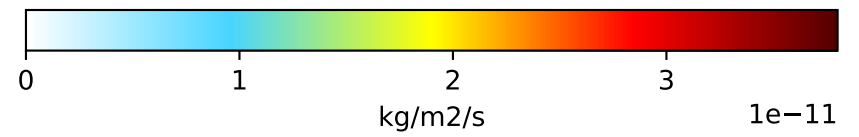
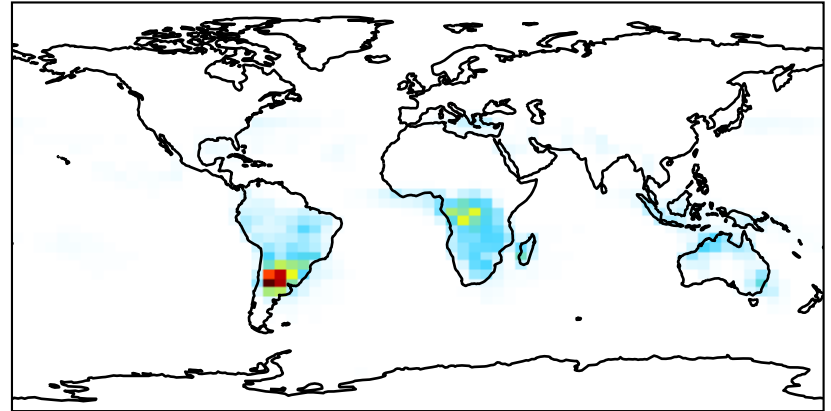


# EmisNO\_Lightning (Jan2019)

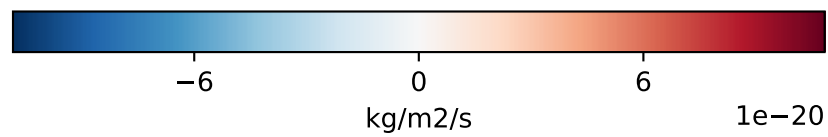
GCC\_13.3.0-rc.0 (Ref)  
4.0x5.0



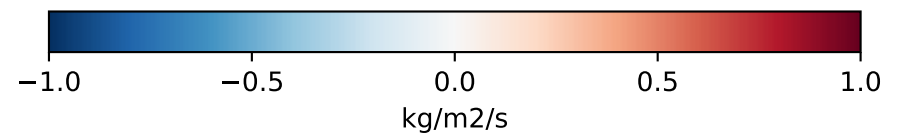
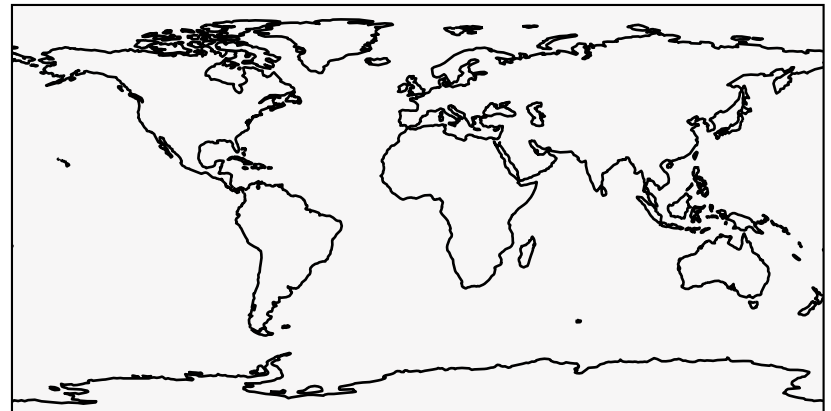
GCC\_13.4.0-rc.3 (Dev)  
4.0x5.0



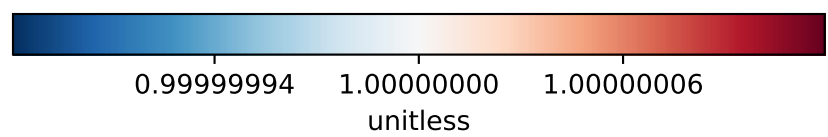
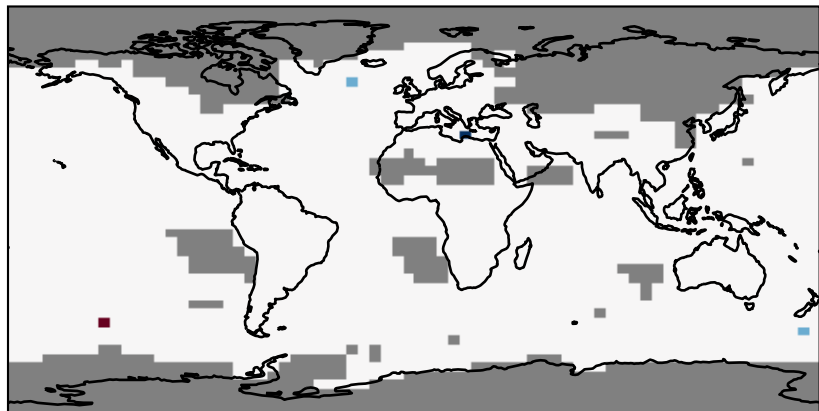
Difference  
Dev - Ref, Dynamic Range



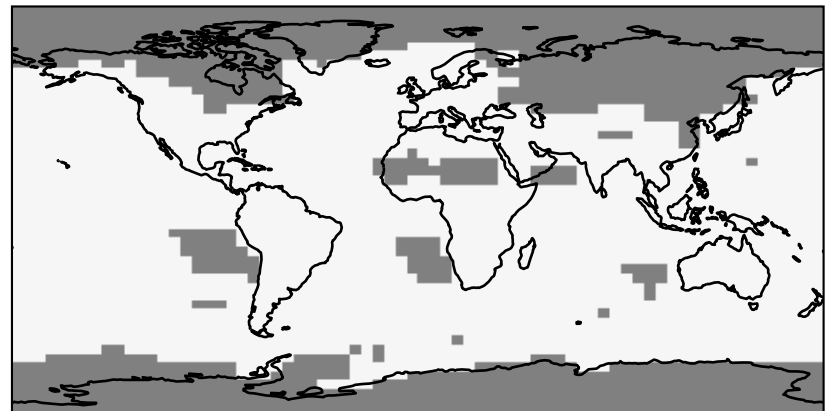
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

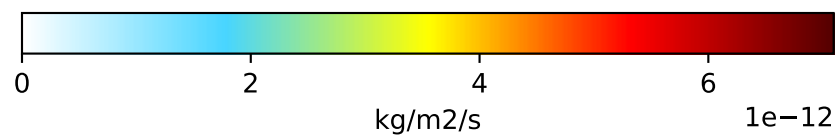
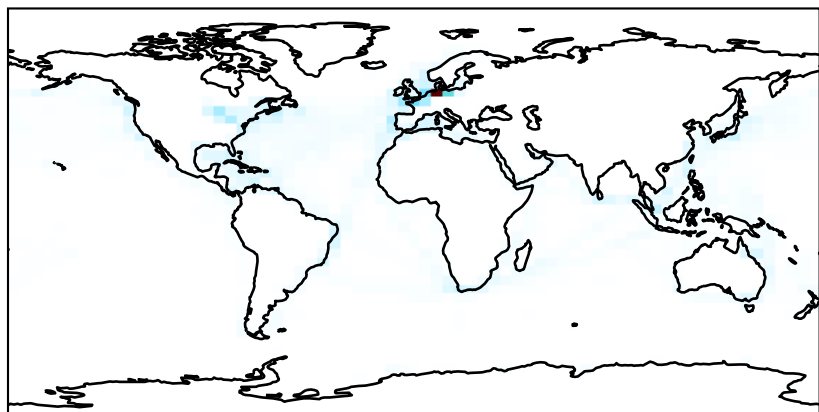


Ratio  
Dev/Ref, Fixed Range

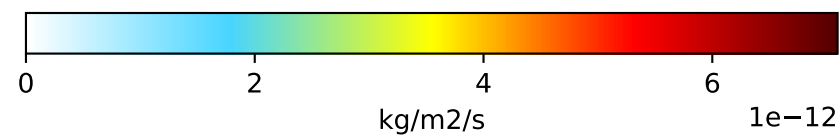
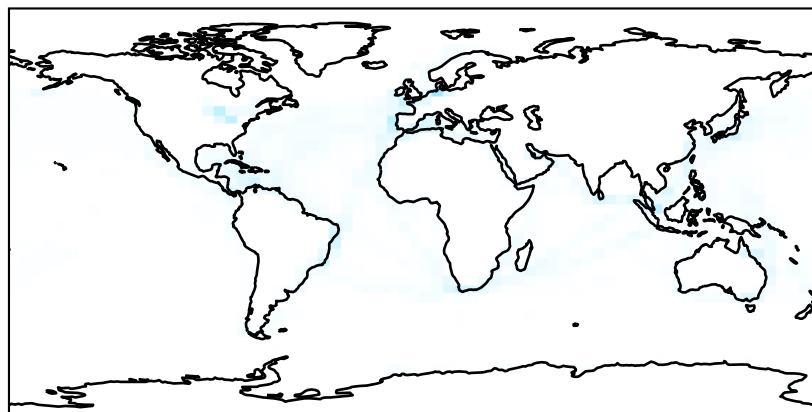


# EmisNO\_Ship (Jan2019)

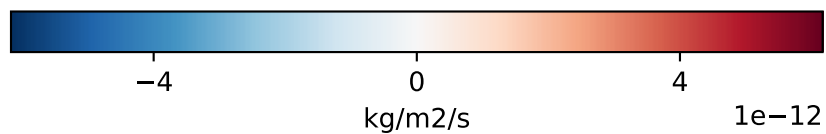
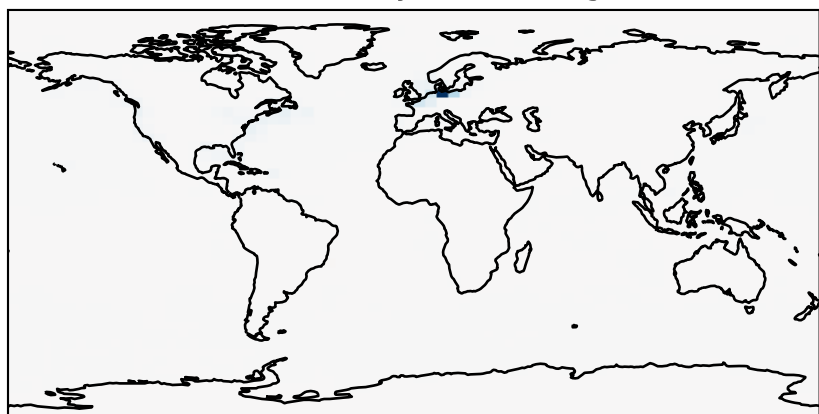
GCC\_13.3.0-rc.0 (Ref)  
4.0x5.0



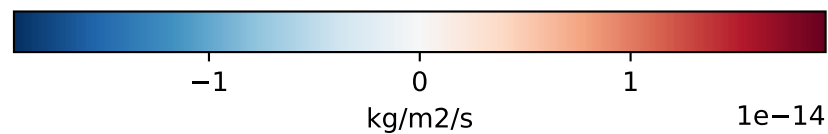
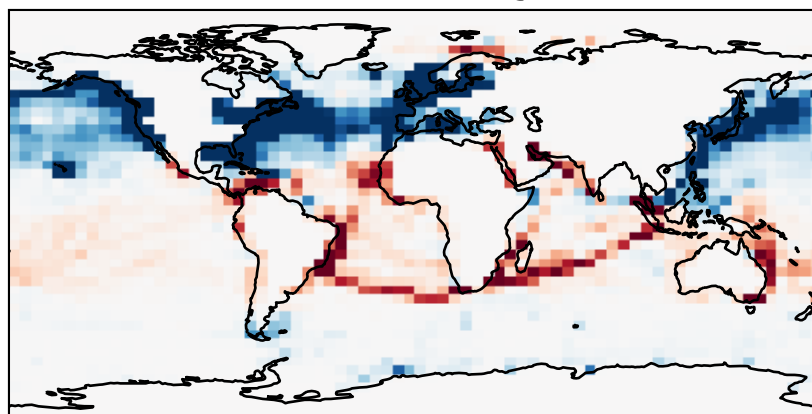
GCC\_13.4.0-rc.3 (Dev)  
4.0x5.0



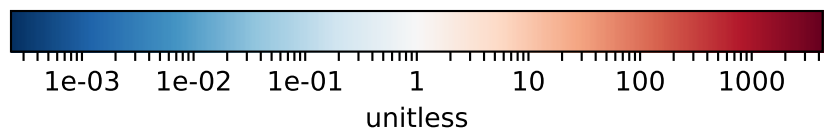
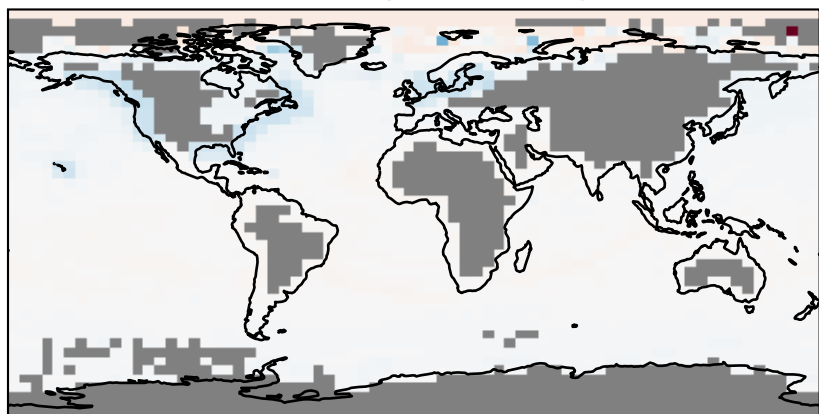
Difference  
Dev - Ref, Dynamic Range



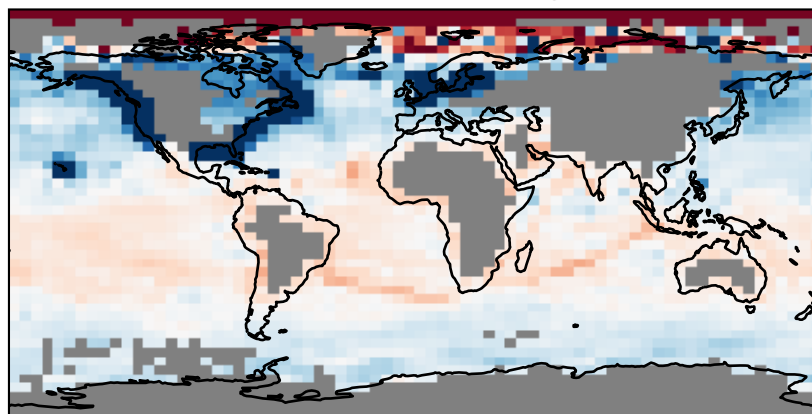
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range



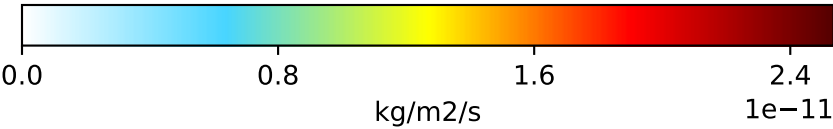
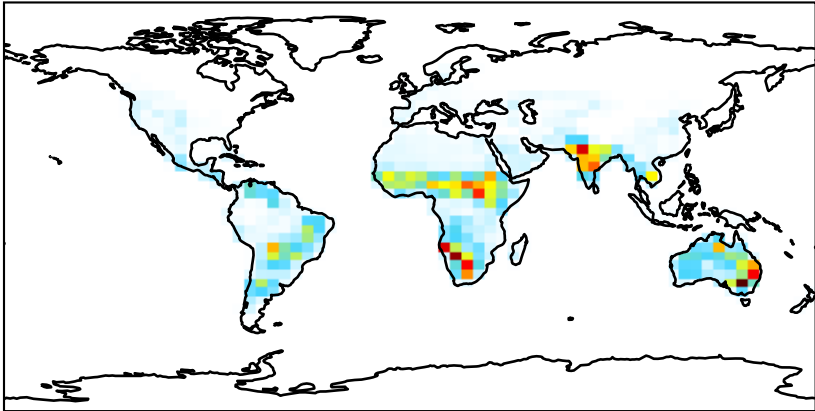
Ratio  
Dev/Ref, Fixed Range



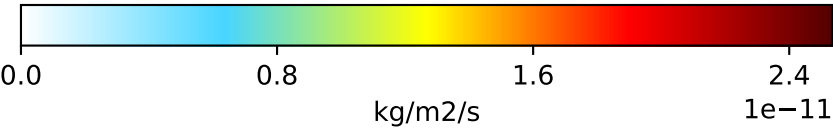
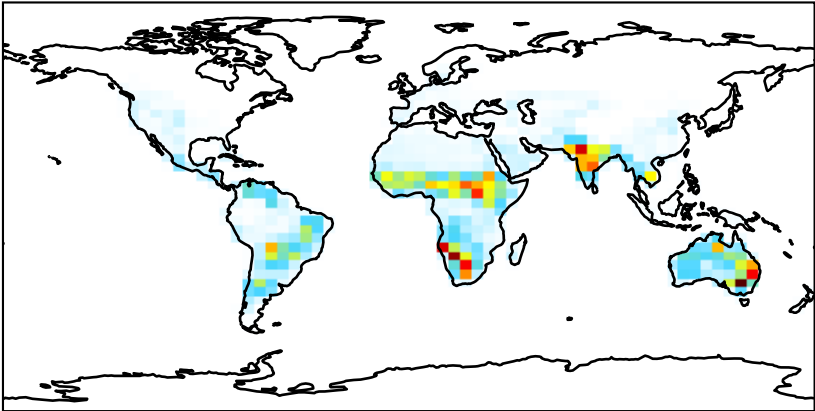


# EmisNO\_Soil (Jan2019)

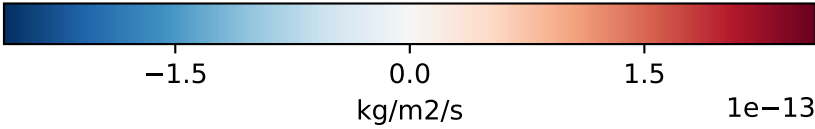
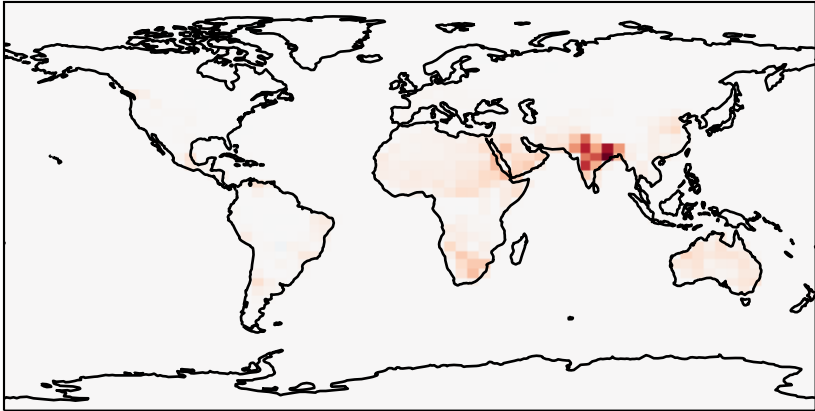
GCC\_13.3.0-rc.0 (Ref)  
4.0x5.0



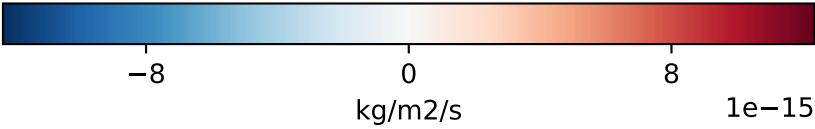
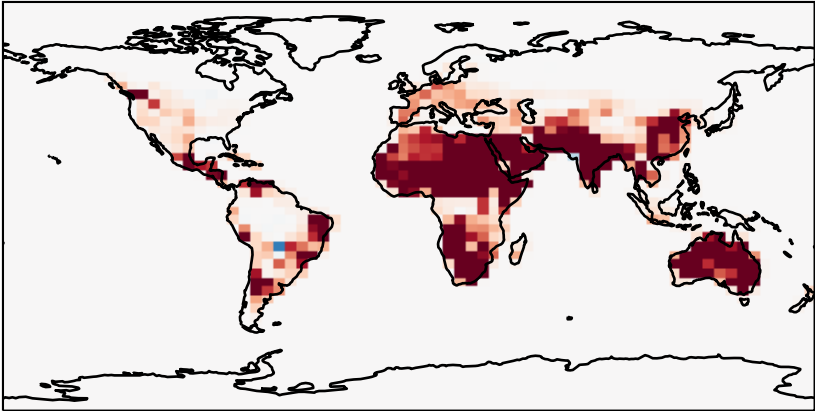
GCC\_13.4.0-rc.3 (Dev)  
4.0x5.0



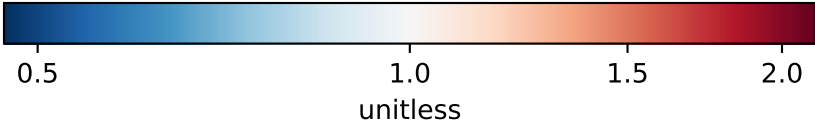
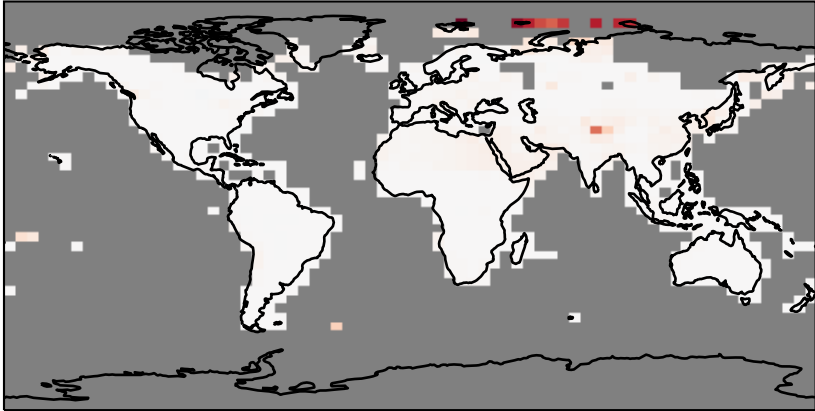
Difference  
Dev - Ref, Dynamic Range



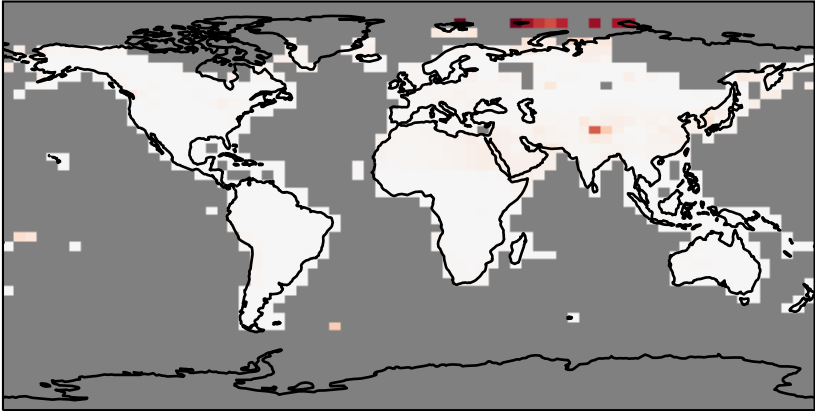
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

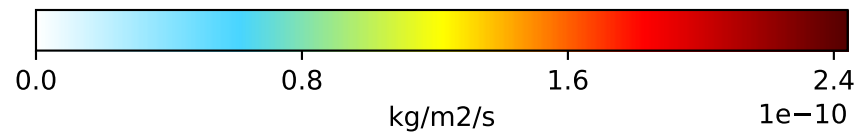
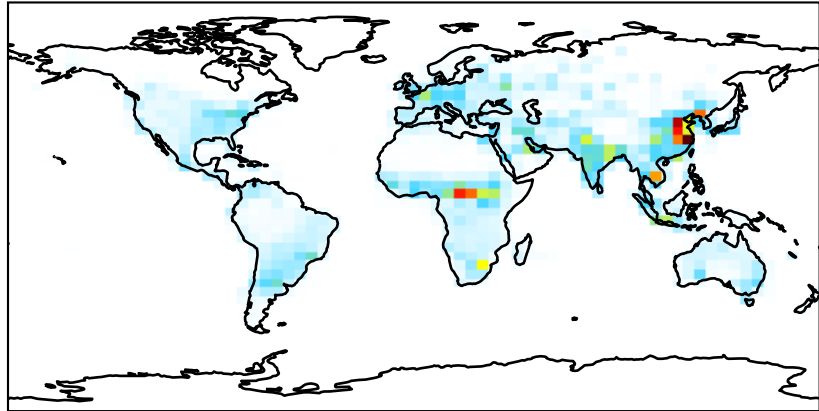


Ratio  
Dev/Ref, Fixed Range

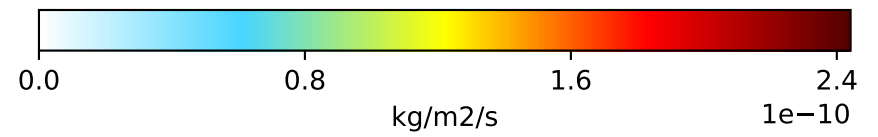
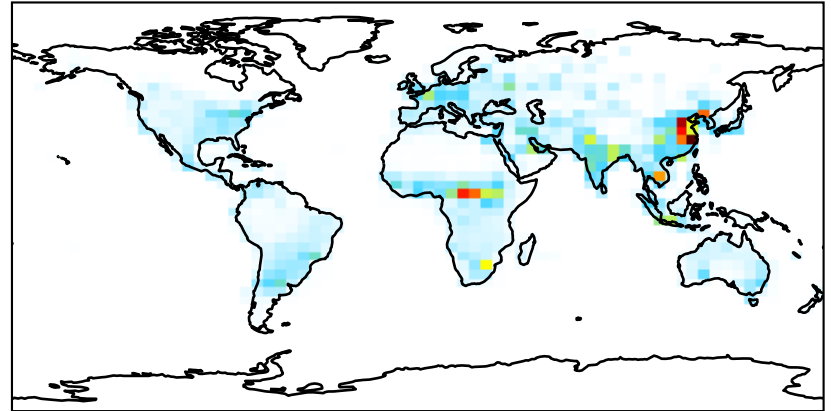


# EmisNO\_Total (Jan2019)

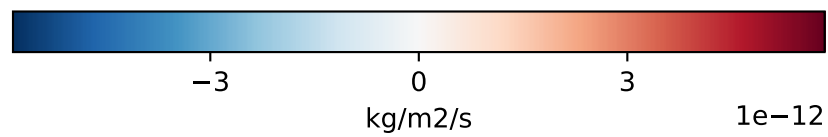
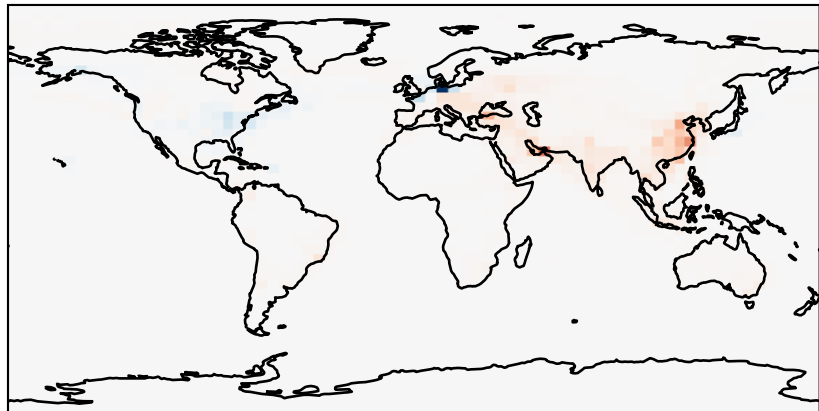
GCC\_13.3.0-rc.0 (Ref)  
4.0x5.0



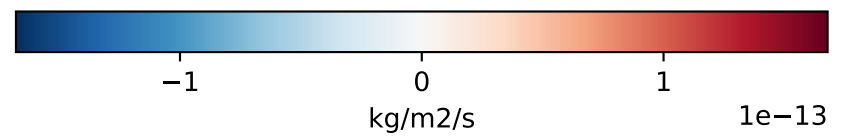
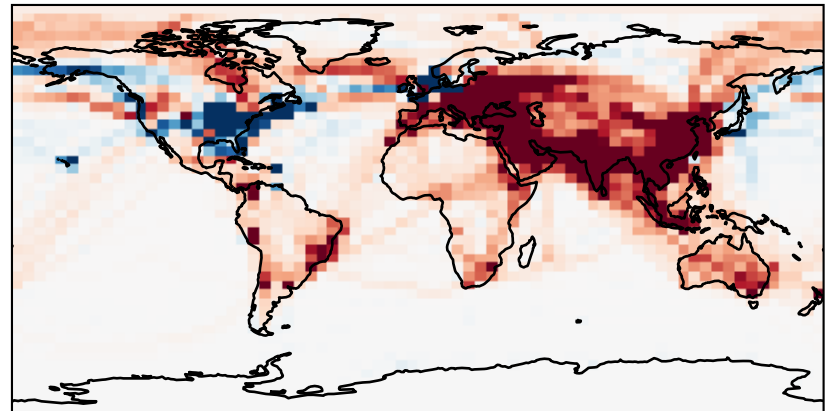
GCC\_13.4.0-rc.3 (Dev)  
4.0x5.0



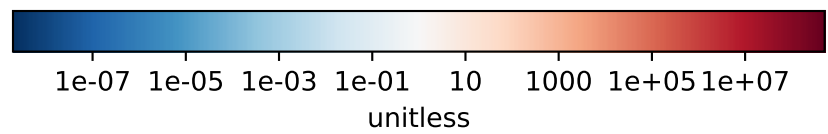
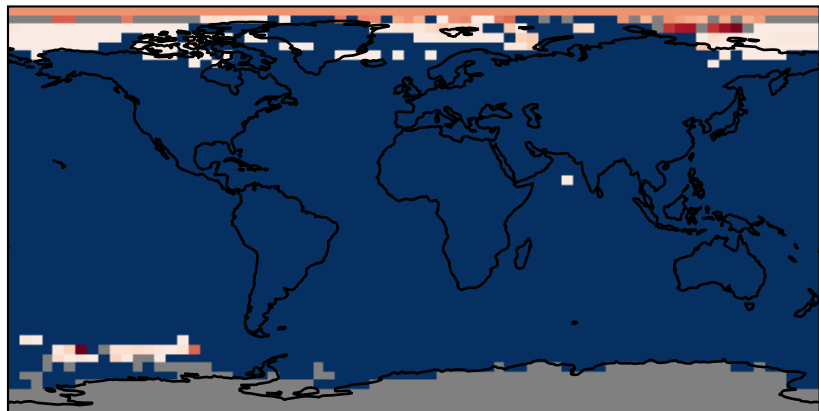
Difference  
Dev - Ref, Dynamic Range



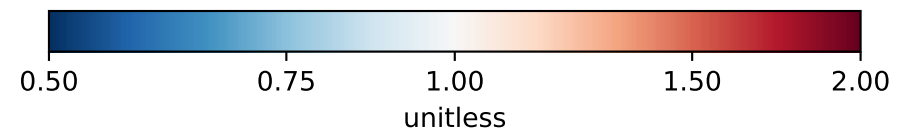
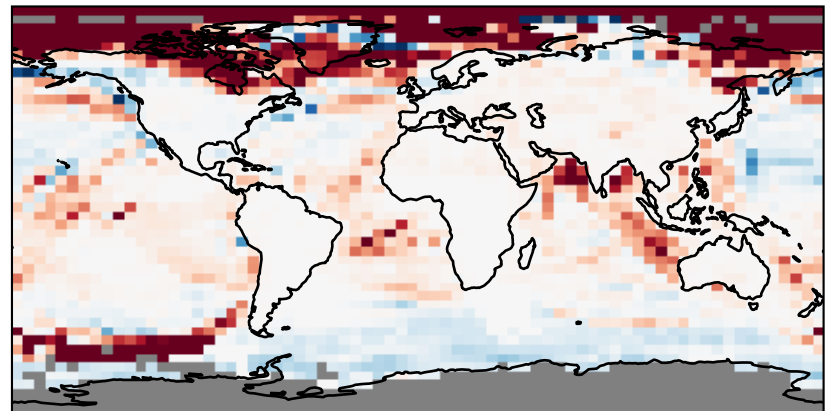
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

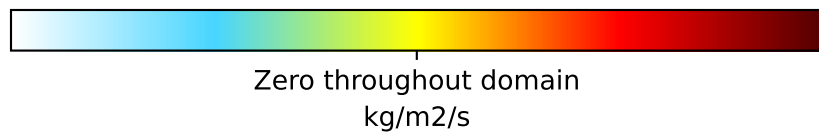
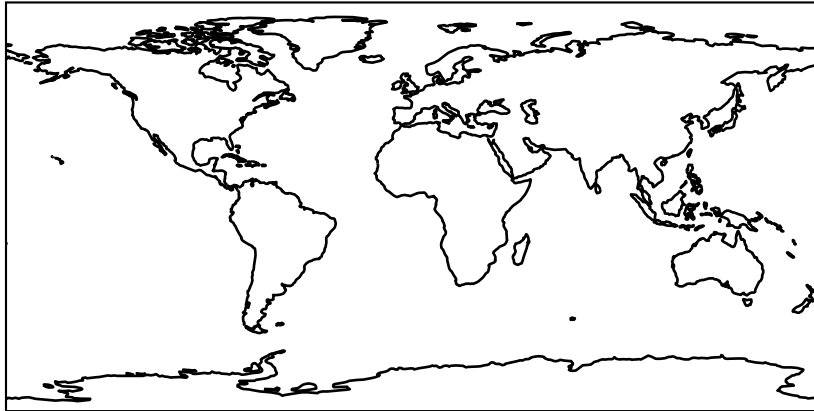


Ratio  
Dev/Ref, Fixed Range

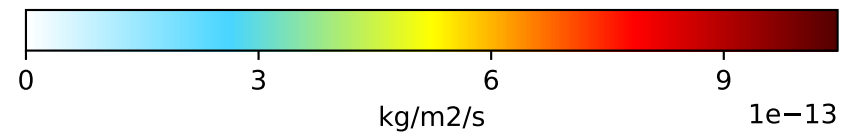
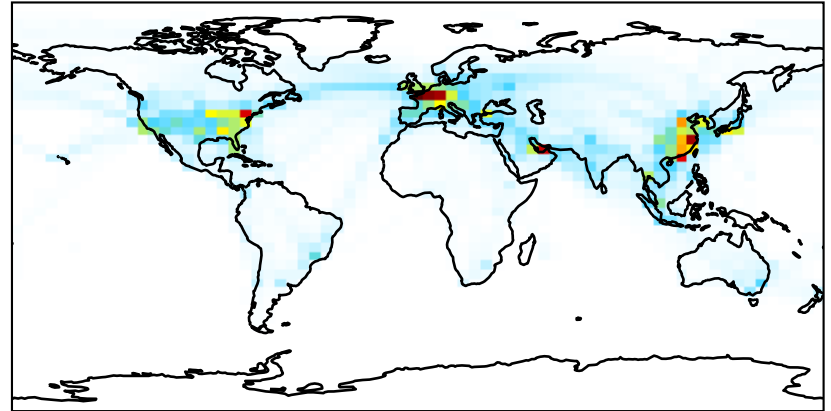


# EmisNO2\_Aircraft (Jan2019)

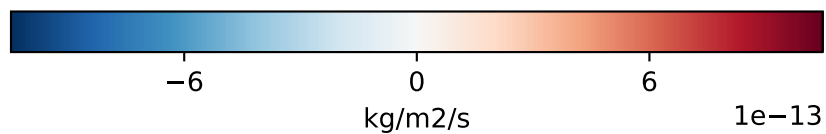
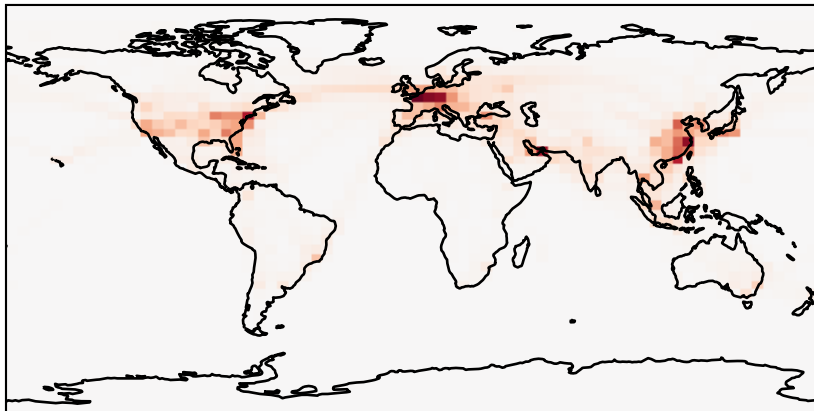
GCC\_13.3.0-rc.0 (Ref)  
4.0x5.0



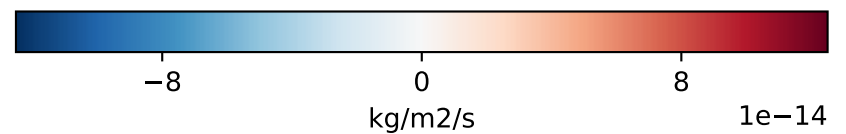
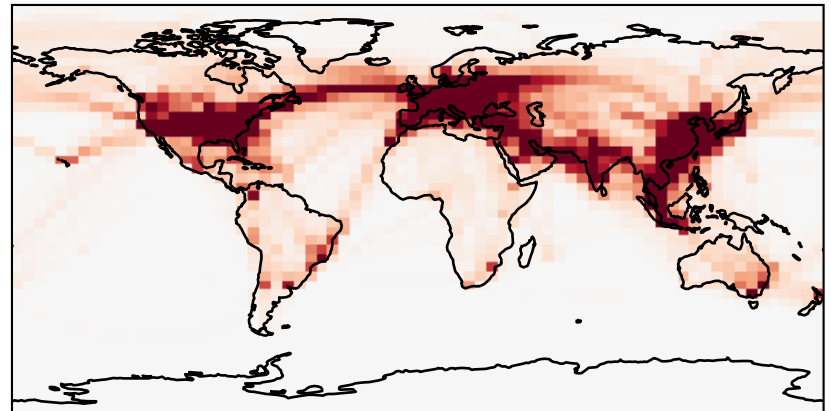
GCC\_13.4.0-rc.3 (Dev)  
4.0x5.0



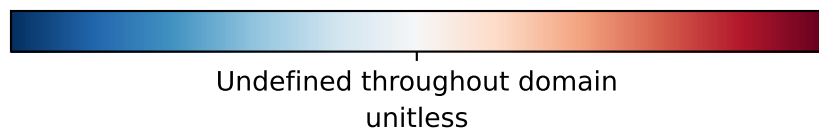
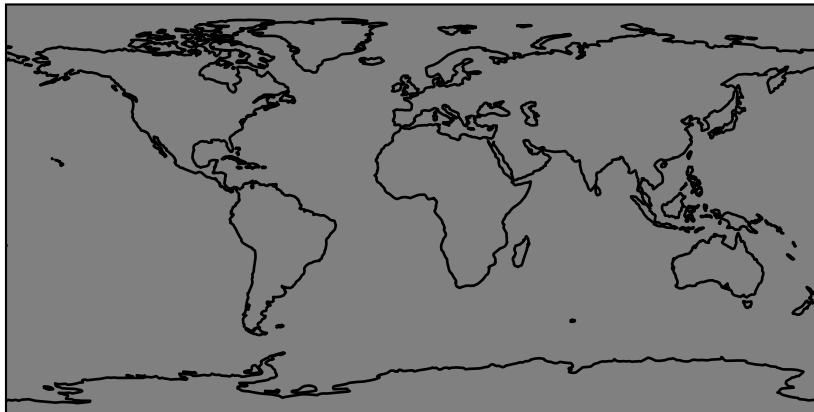
Difference  
Dev - Ref, Dynamic Range



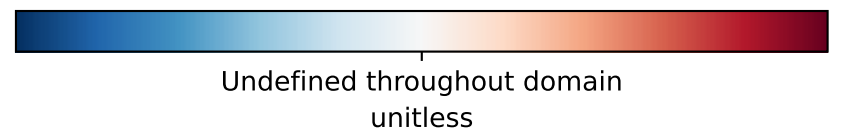
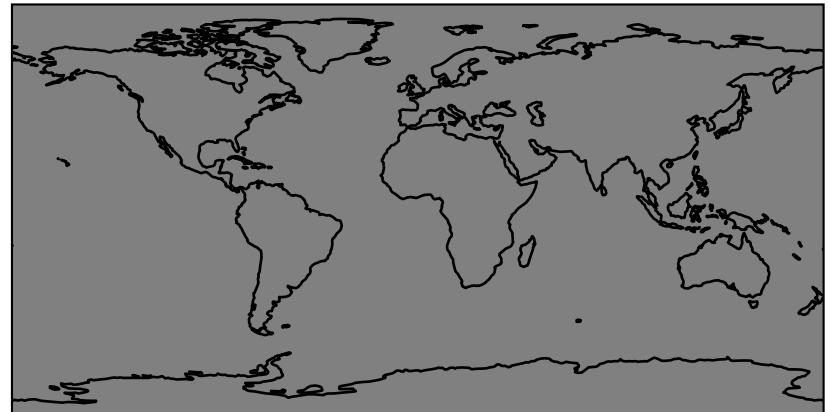
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

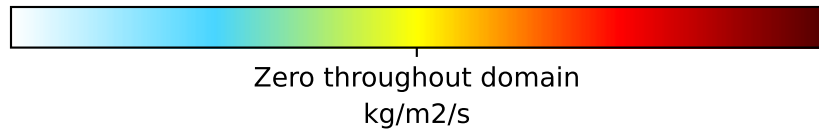
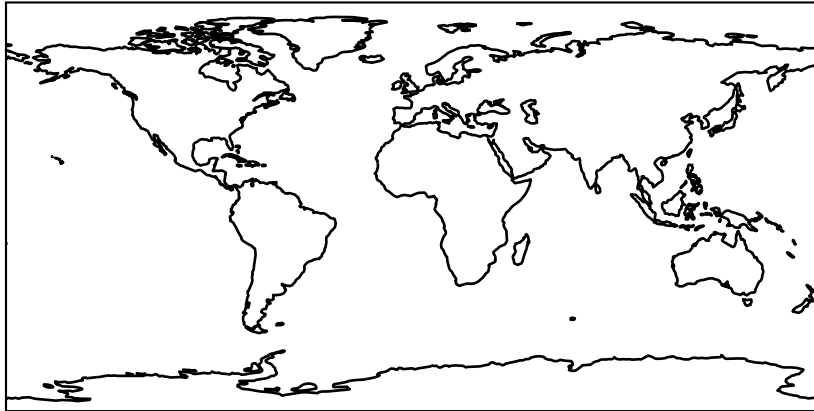


Ratio  
Dev/Ref, Fixed Range

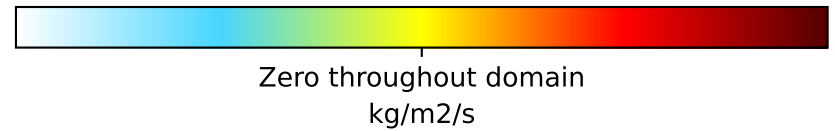
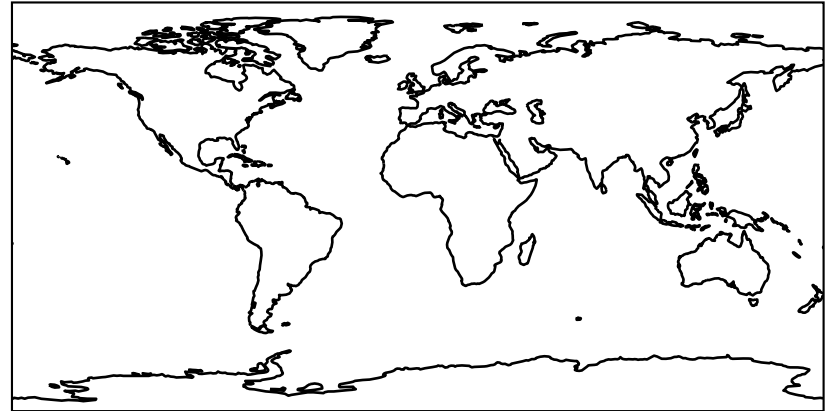


# EmisNO2\_Anthro (Jan2019)

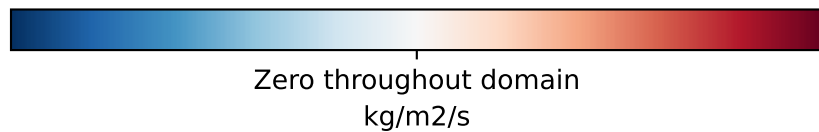
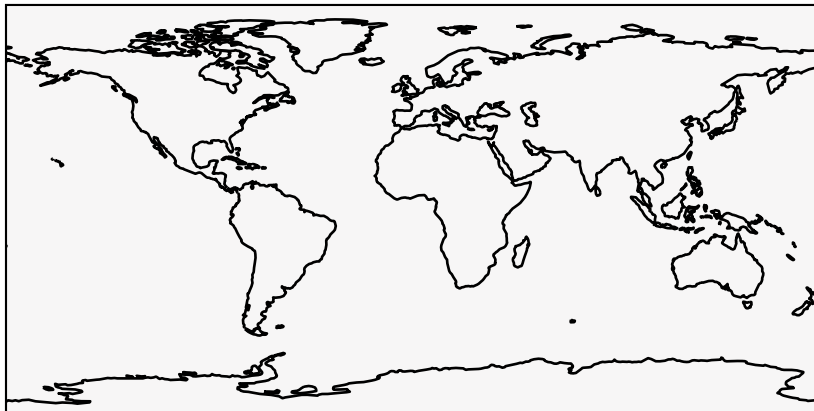
GCC\_13.3.0-rc.0 (Ref)  
4.0x5.0



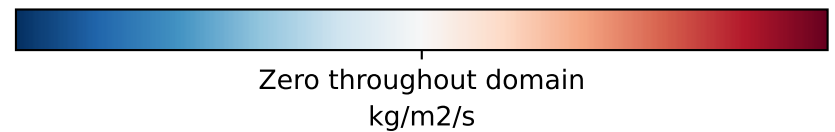
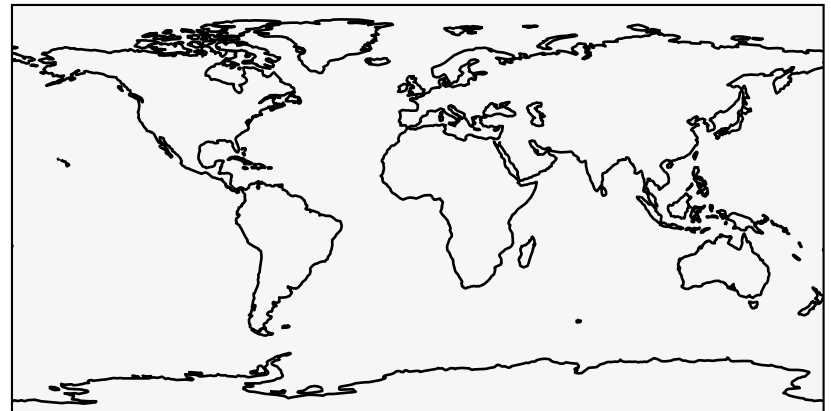
GCC\_13.4.0-rc.3 (Dev)  
4.0x5.0



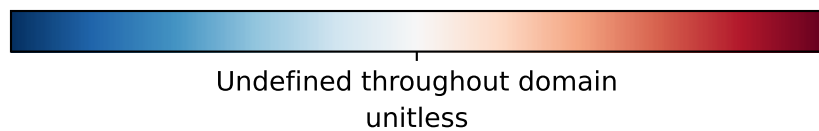
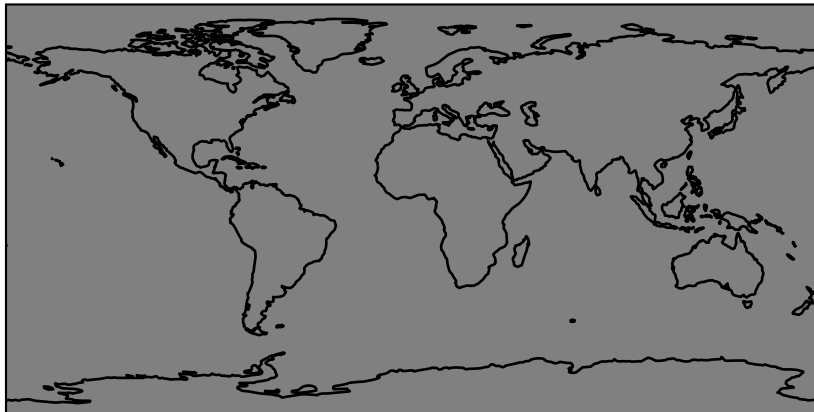
Difference  
Dev - Ref, Dynamic Range



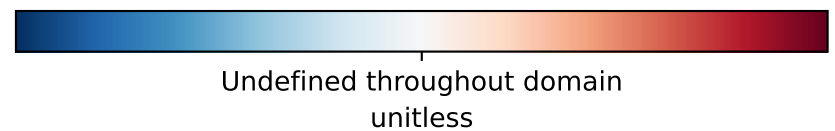
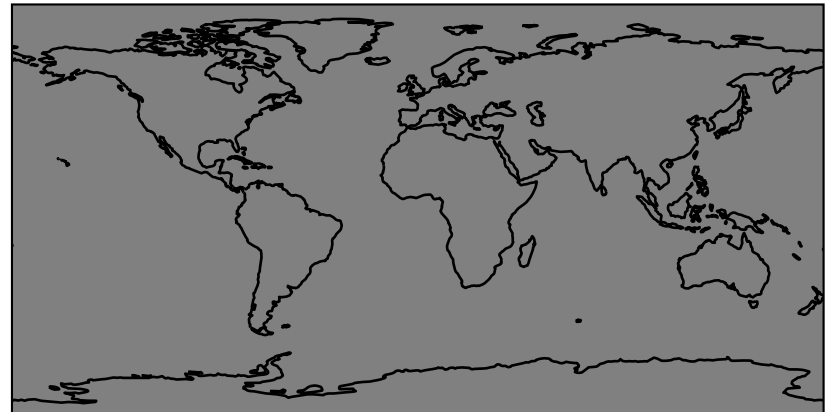
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

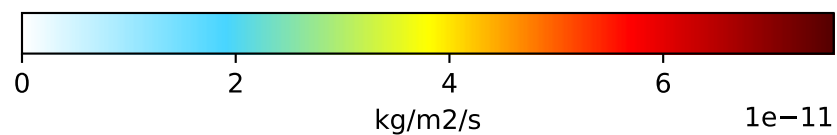
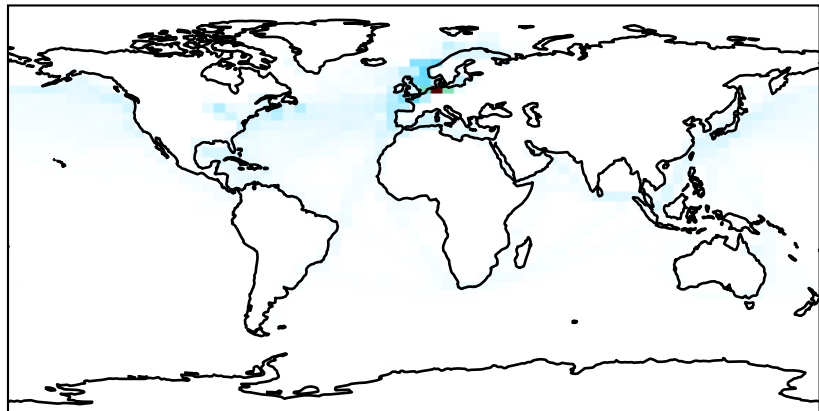


Ratio  
Dev/Ref, Fixed Range

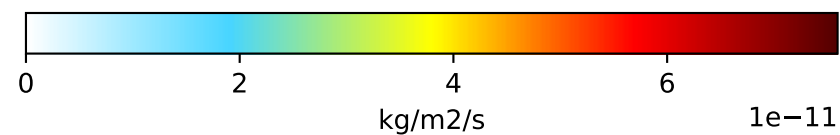
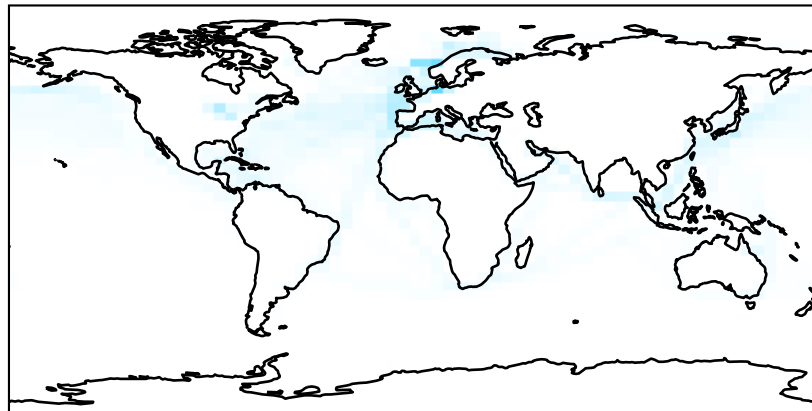


# EmisNO2\_Ship (Jan2019)

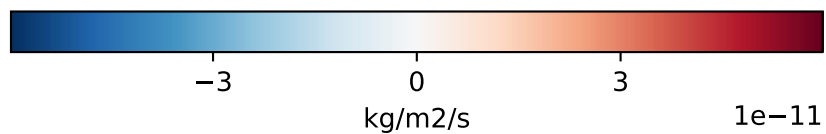
GCC\_13.3.0-rc.0 (Ref)  
4.0x5.0



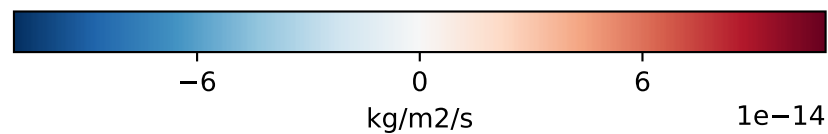
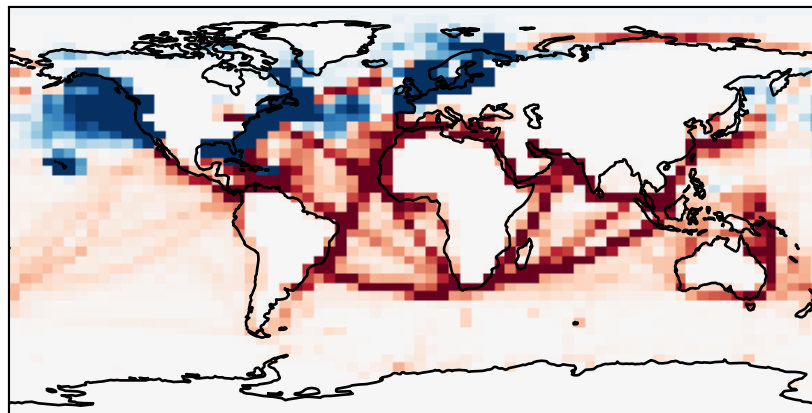
GCC\_13.4.0-rc.3 (Dev)  
4.0x5.0



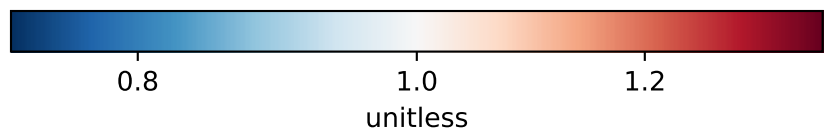
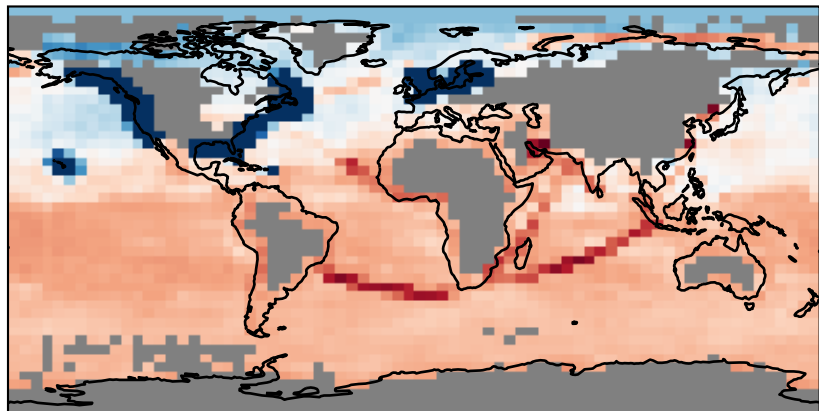
Difference  
Dev - Ref, Dynamic Range



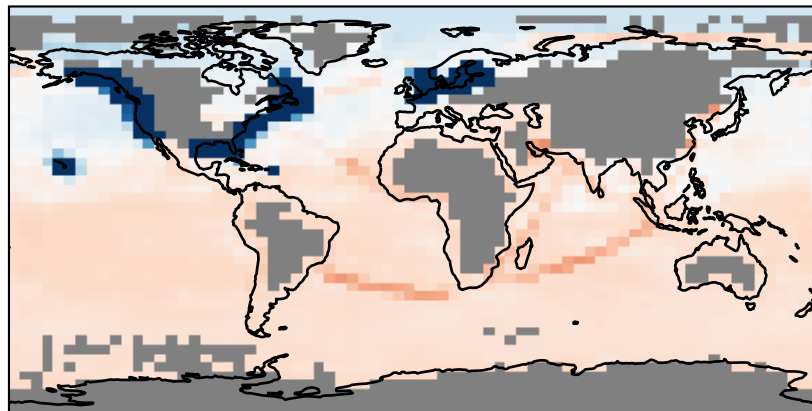
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range



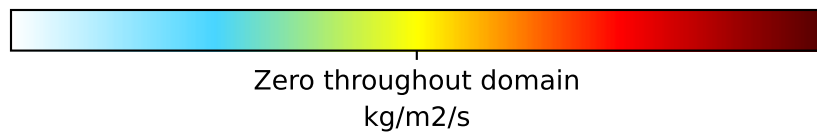
Ratio  
Dev/Ref, Fixed Range



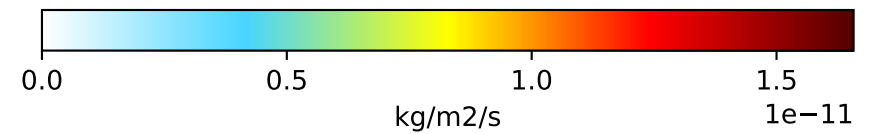
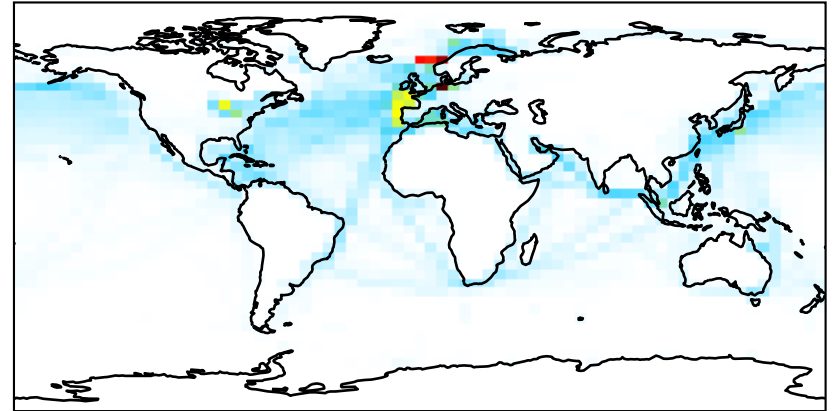


# EmisNO2\_Total (Jan2019)

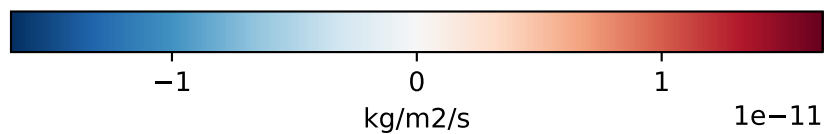
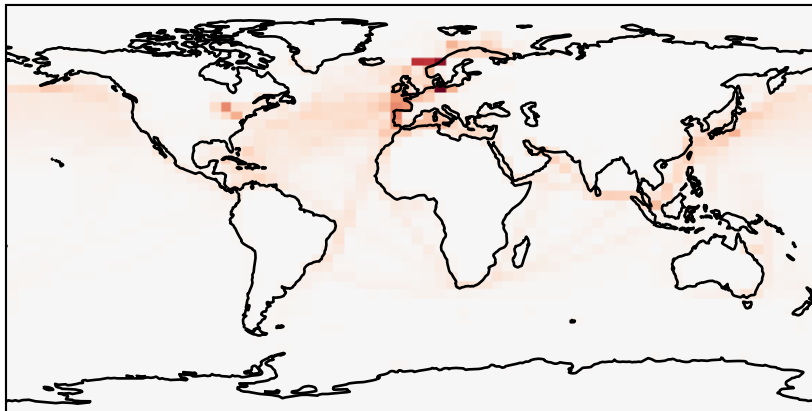
GCC\_13.3.0-rc.0 (Ref)  
4.0x5.0



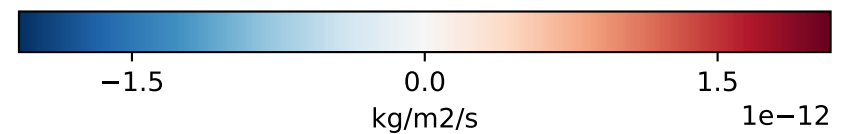
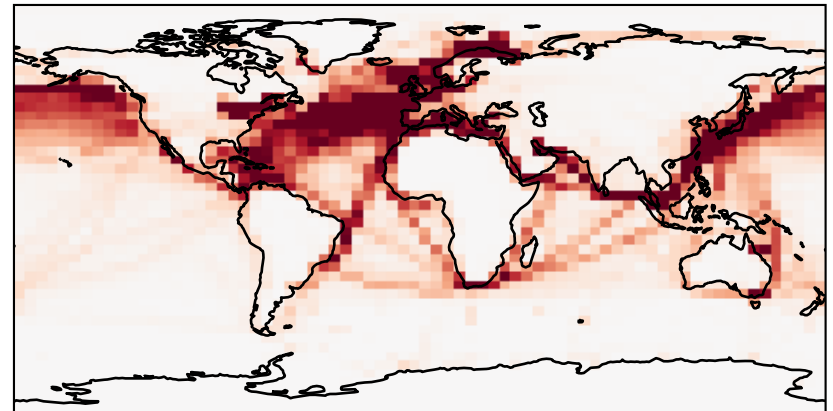
GCC\_13.4.0-rc.3 (Dev)  
4.0x5.0



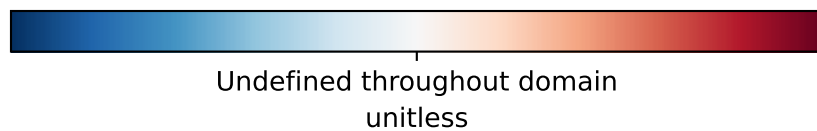
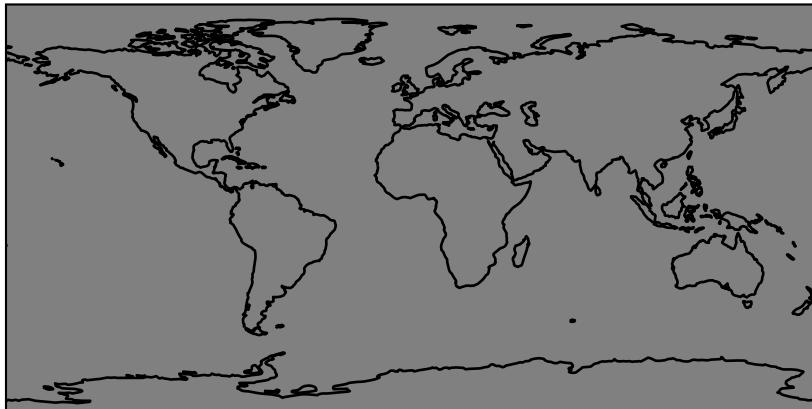
Difference  
Dev - Ref, Dynamic Range



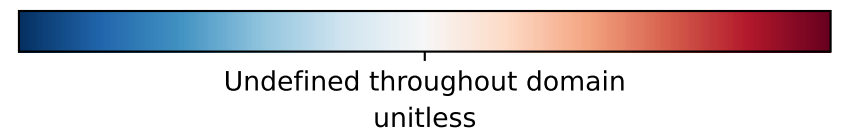
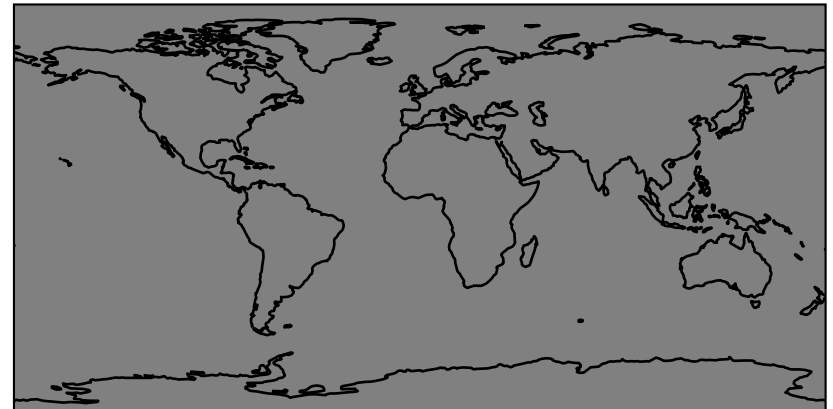
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

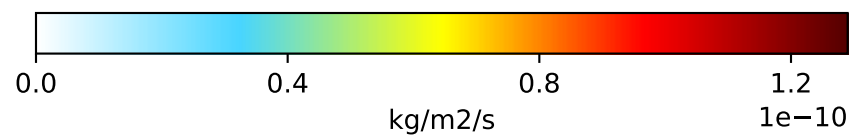
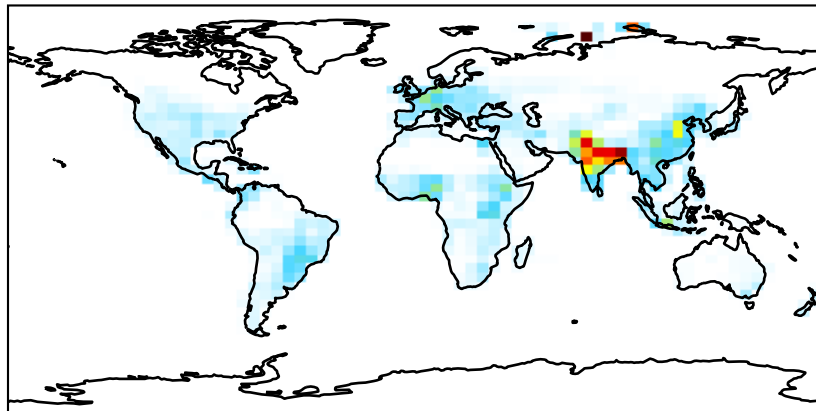


Ratio  
Dev/Ref, Fixed Range

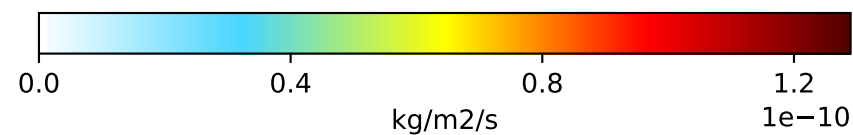
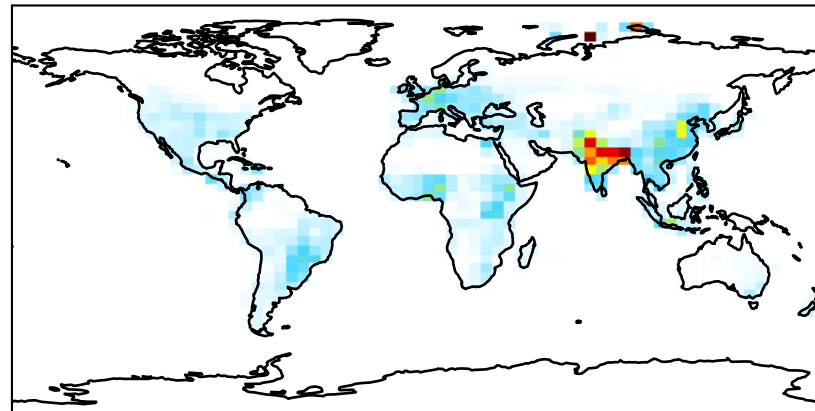


# EmisNH3\_Anthro (Jan2019)

GCC\_13.3.0-rc.0 (Ref)  
4.0x5.0



GCC\_13.4.0-rc.3 (Dev)  
4.0x5.0



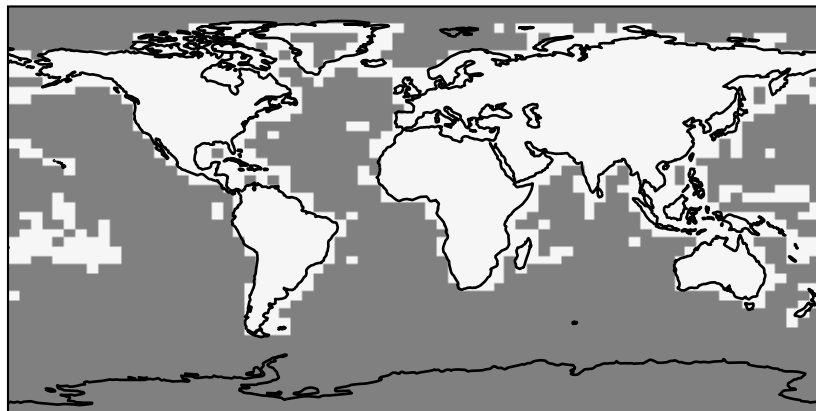
Difference  
Dev - Ref, Dynamic Range



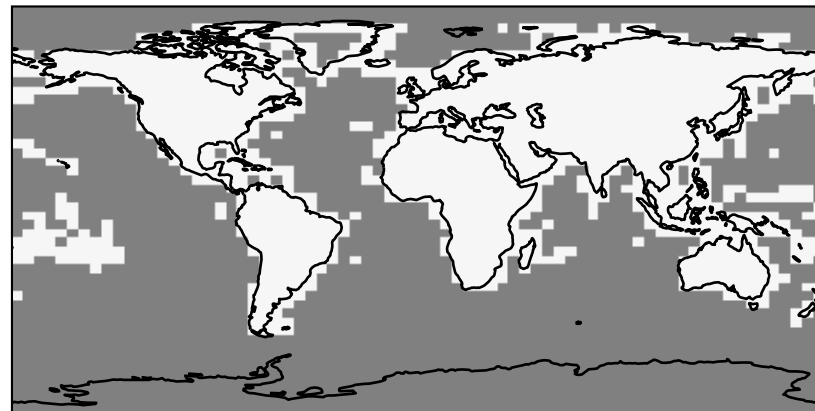
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

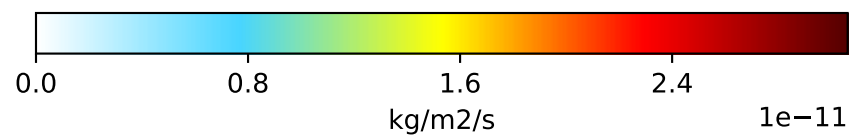
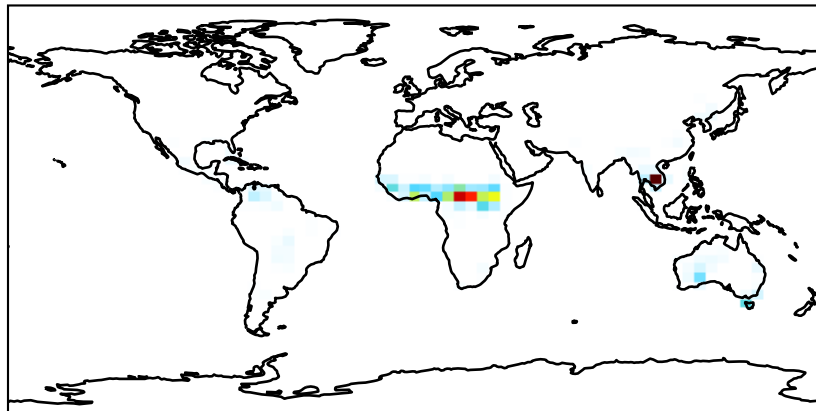


Ratio  
Dev/Ref, Fixed Range

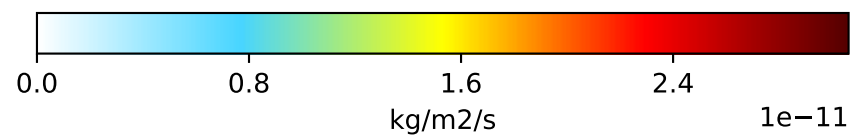
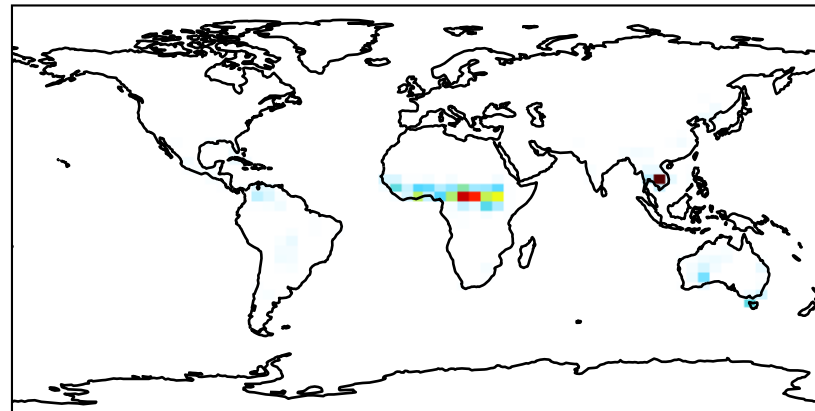


# EmisNH3\_BioBurn (Jan2019)

GCC\_13.3.0-rc.0 (Ref)  
4.0x5.0



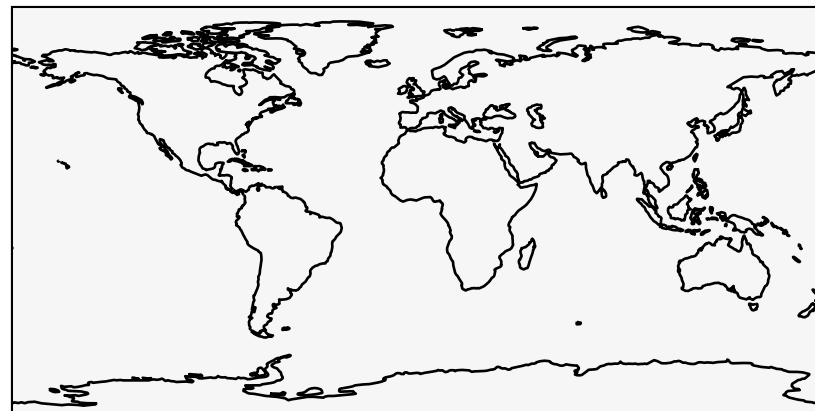
GCC\_13.4.0-rc.3 (Dev)  
4.0x5.0



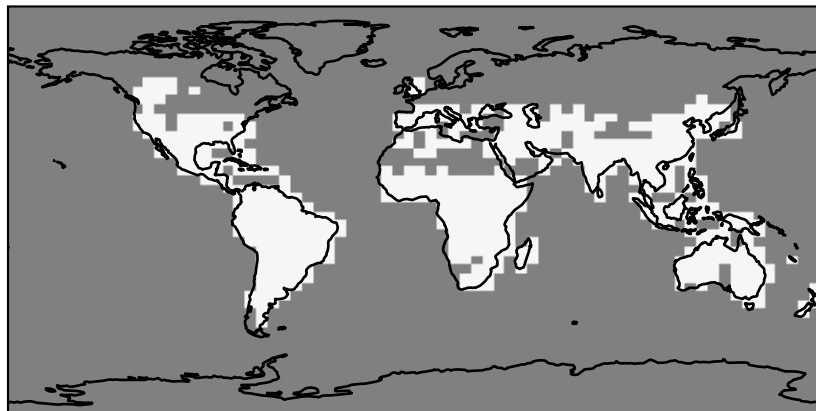
Difference  
Dev - Ref, Dynamic Range



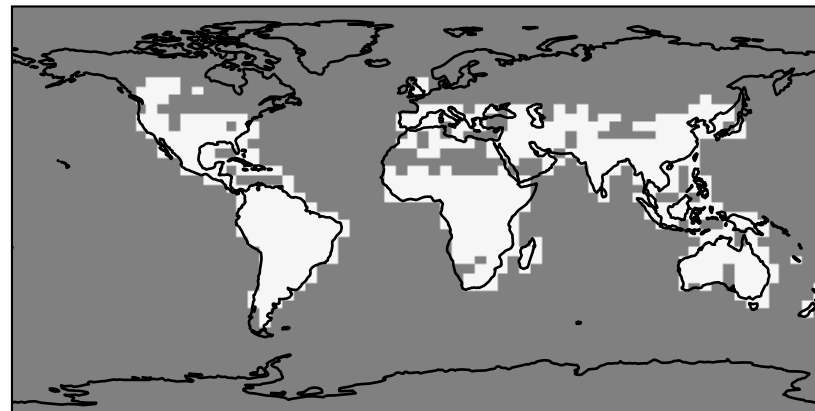
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

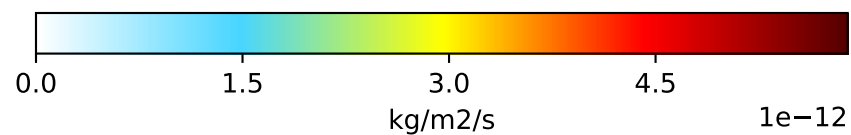
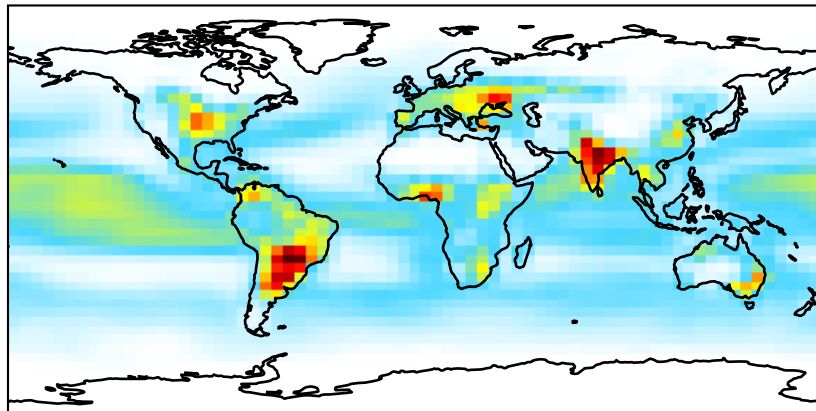


Ratio  
Dev/Ref, Fixed Range

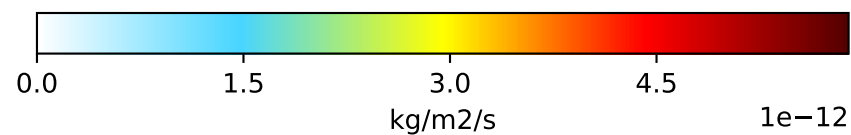
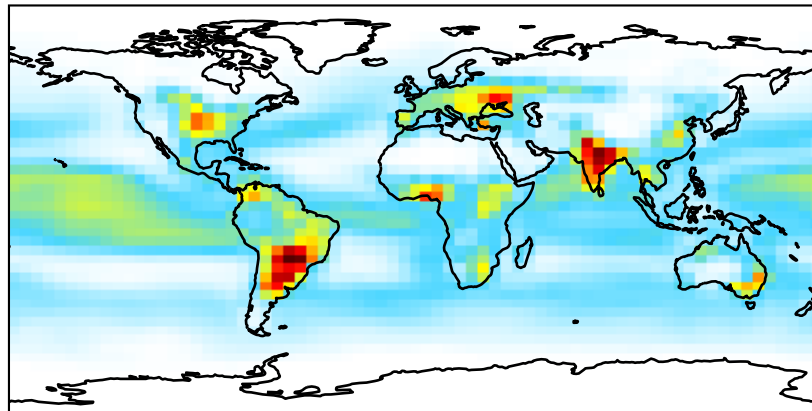


# EmisNH3\_Natural (Jan2019)

GCC\_13.3.0-rc.0 (Ref)  
4.0x5.0



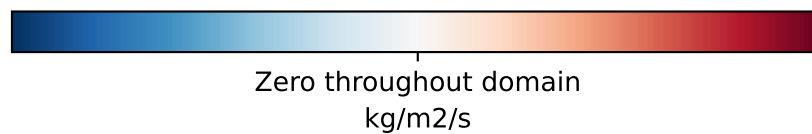
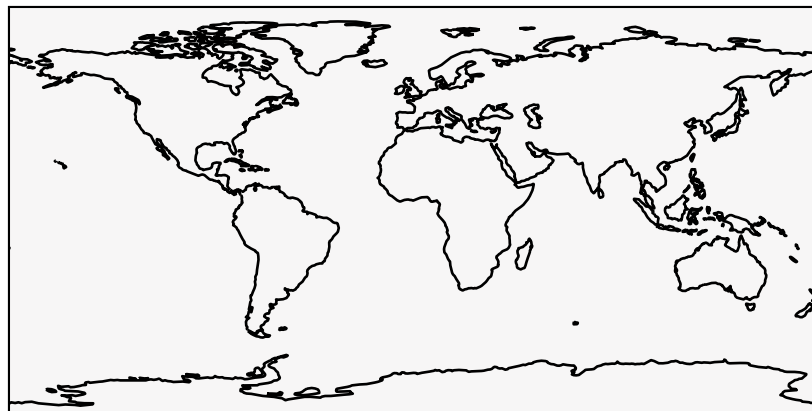
GCC\_13.4.0-rc.3 (Dev)  
4.0x5.0



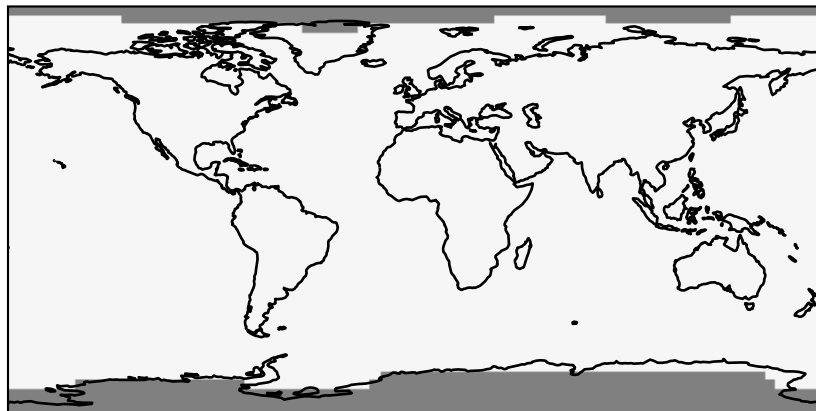
Difference  
Dev - Ref, Dynamic Range



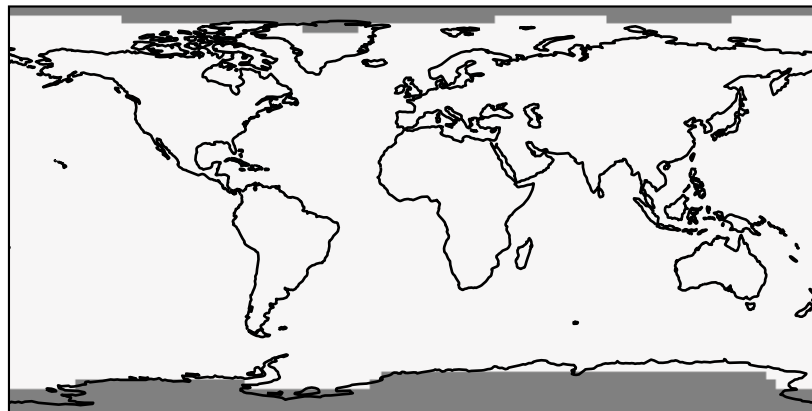
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

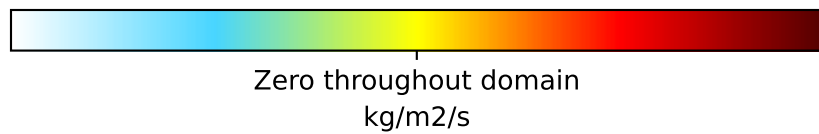
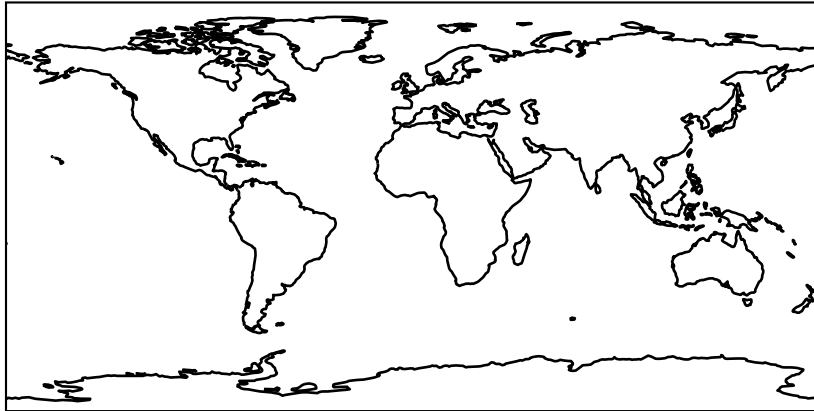


Ratio  
Dev/Ref, Fixed Range

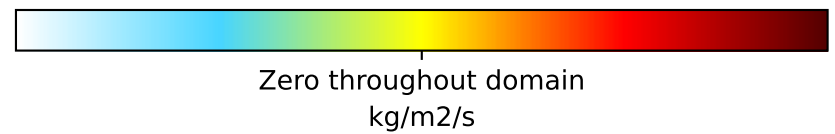
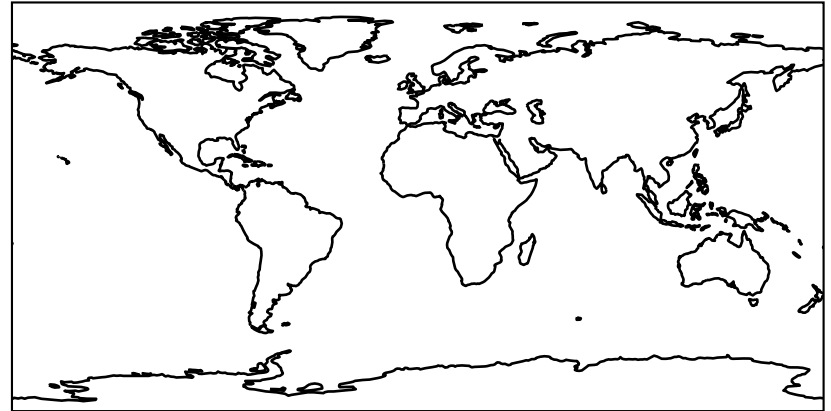


# EmisNH3\_Seabirds (Jan2019)

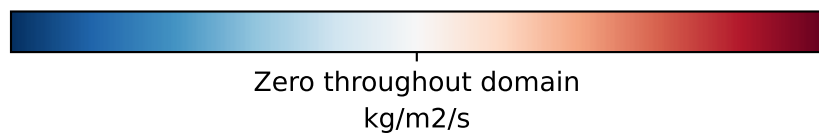
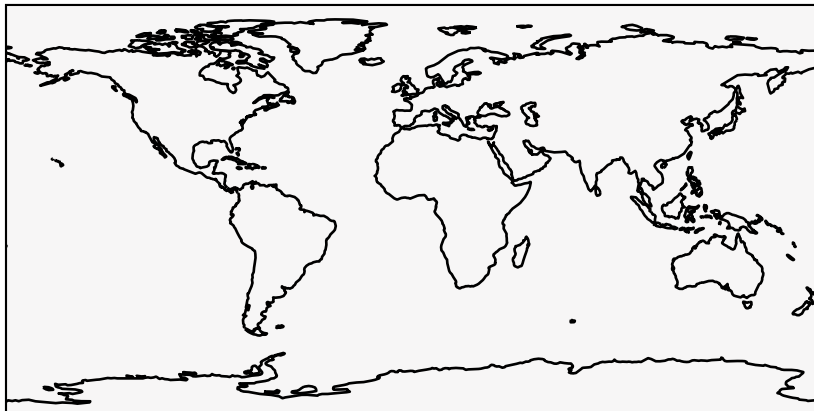
GCC\_13.3.0-rc.0 (Ref)  
4.0x5.0



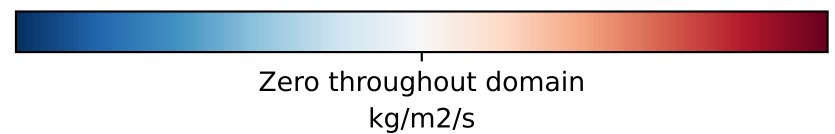
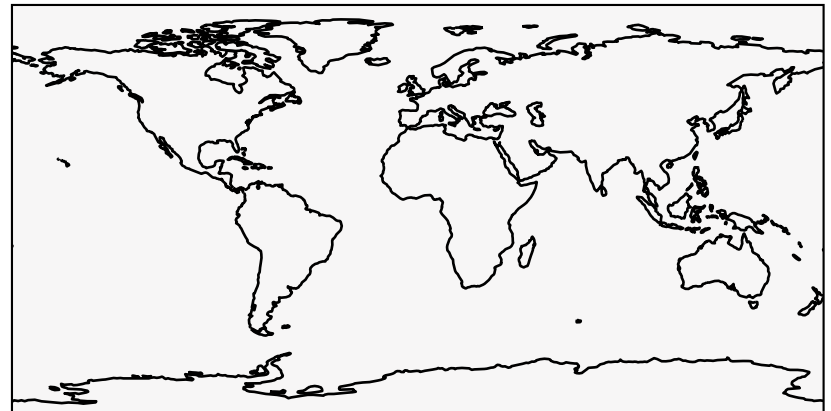
GCC\_13.4.0-rc.3 (Dev)  
4.0x5.0



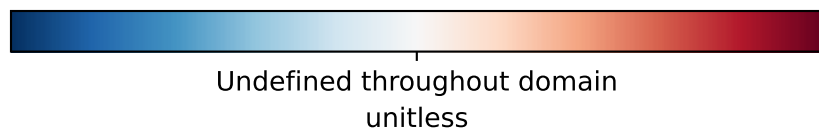
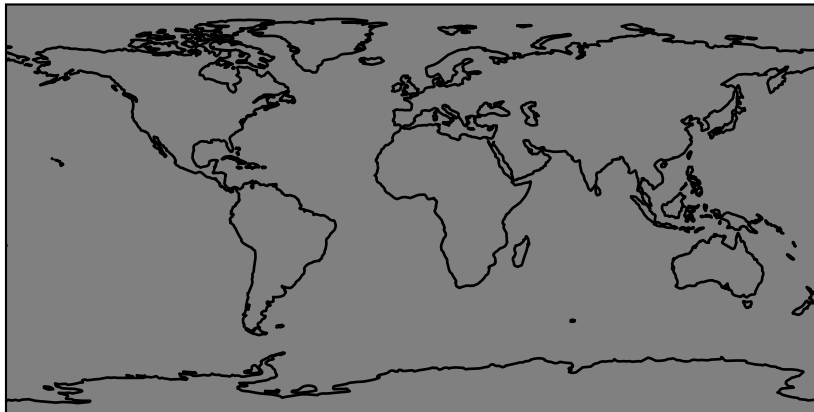
Difference  
Dev - Ref, Dynamic Range



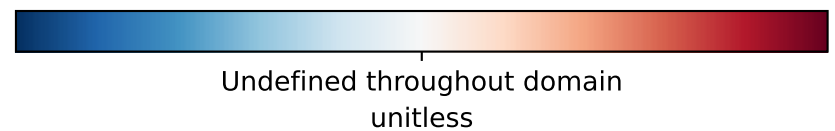
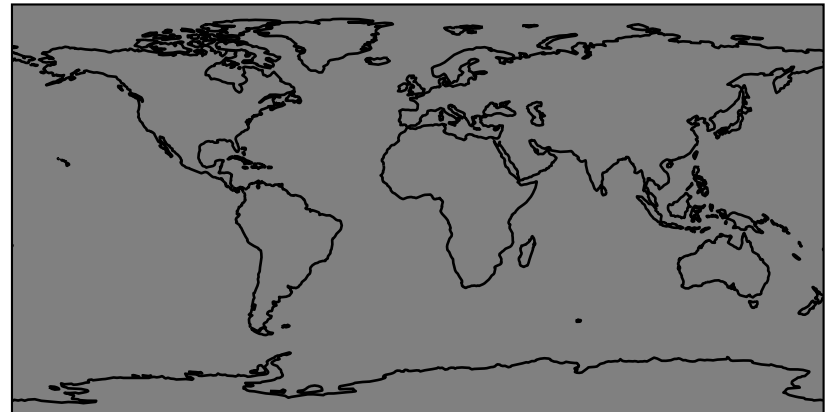
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range



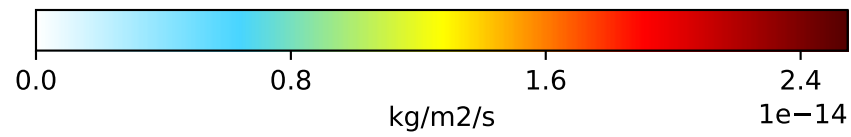
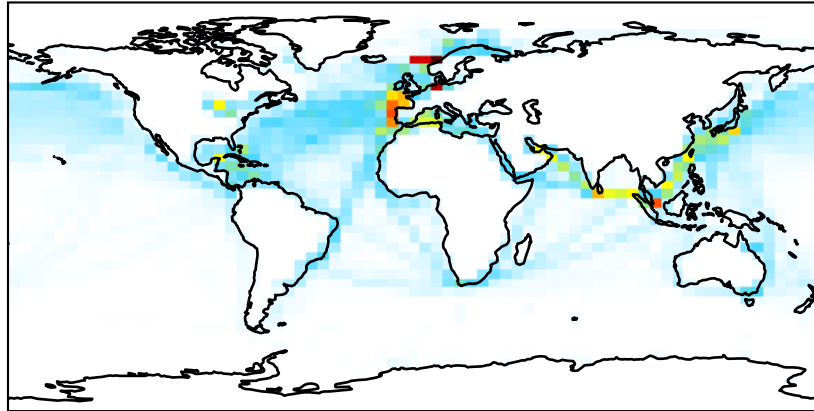
Ratio  
Dev/Ref, Fixed Range



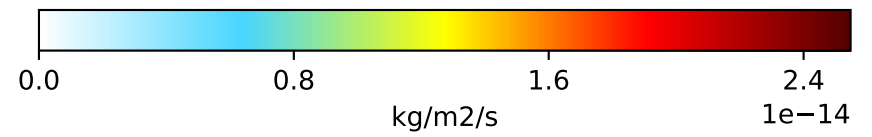
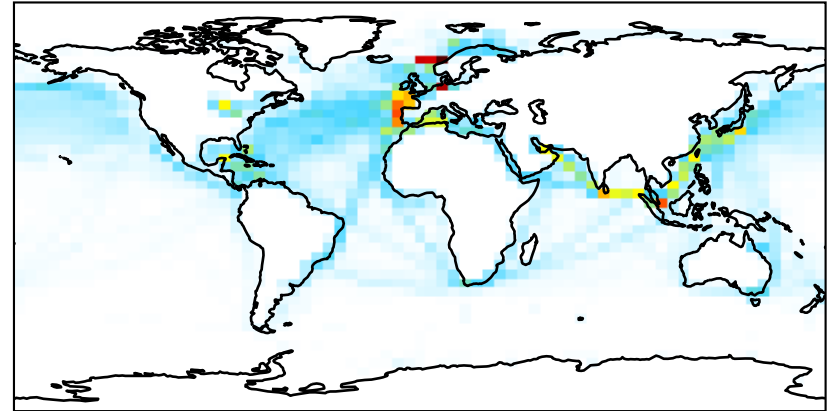


# EmisNH3\_Ship (Jan2019)

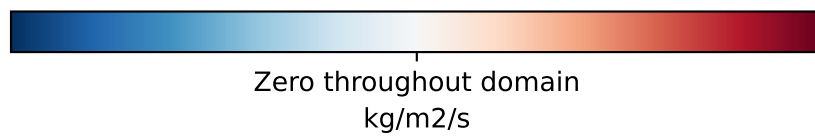
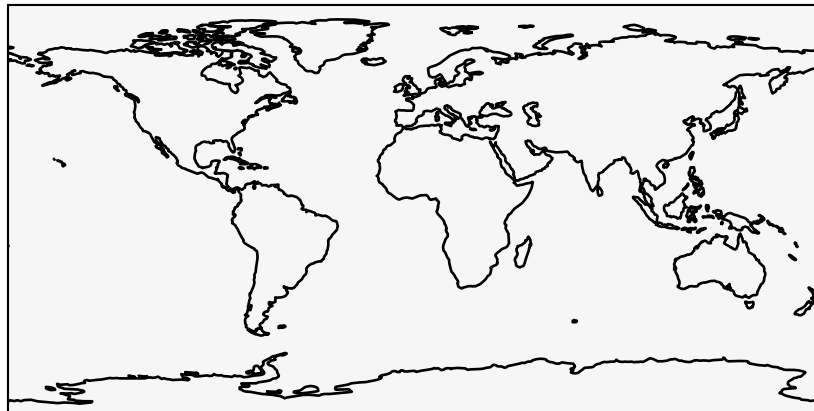
GCC\_13.3.0-rc.0 (Ref)  
4.0x5.0



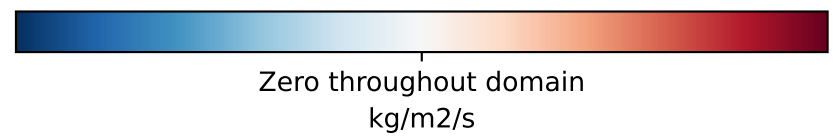
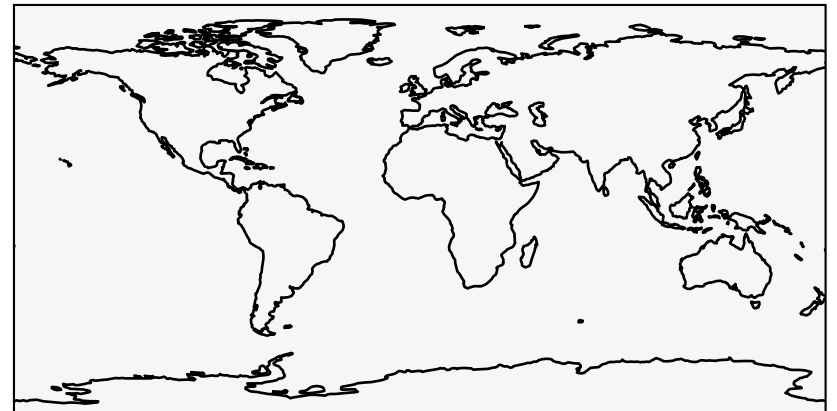
GCC\_13.4.0-rc.3 (Dev)  
4.0x5.0



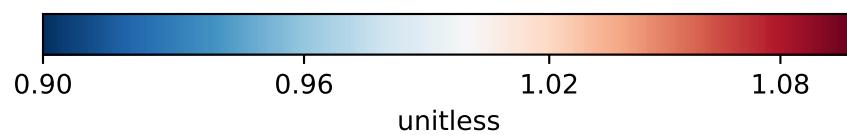
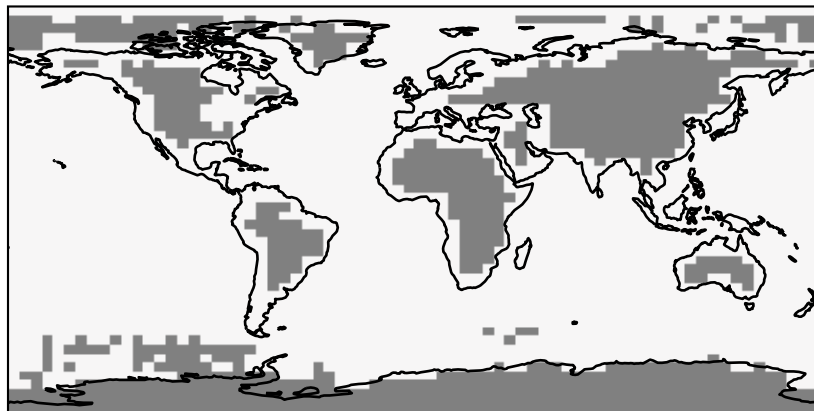
Difference  
Dev - Ref, Dynamic Range



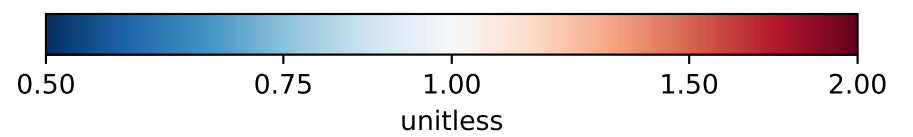
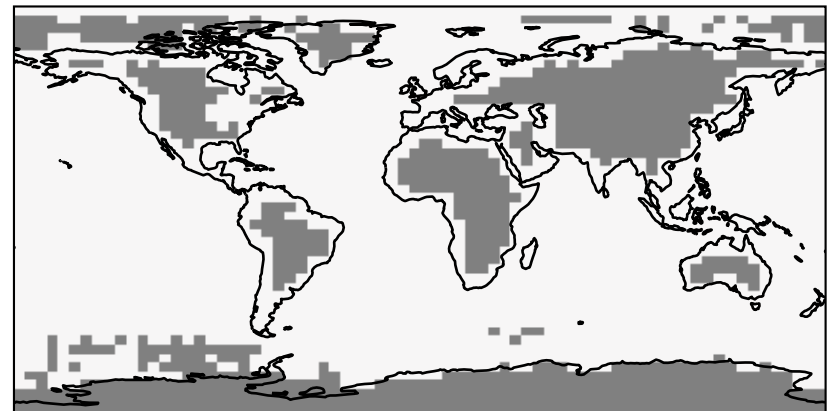
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

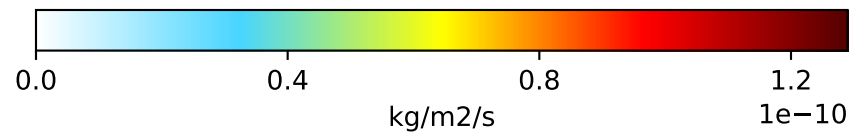
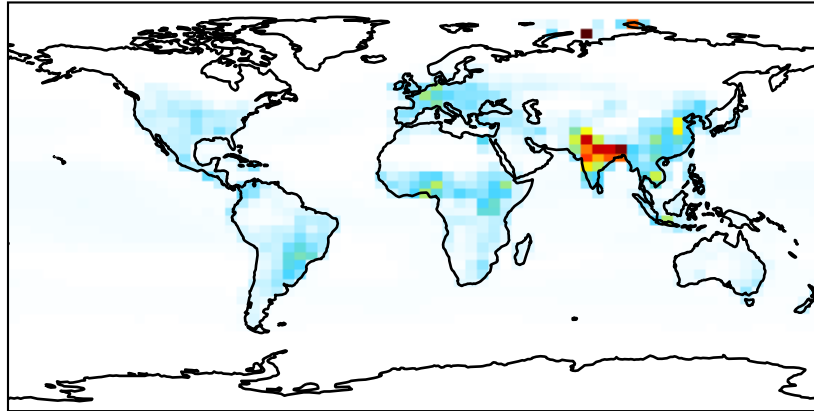


Ratio  
Dev/Ref, Fixed Range

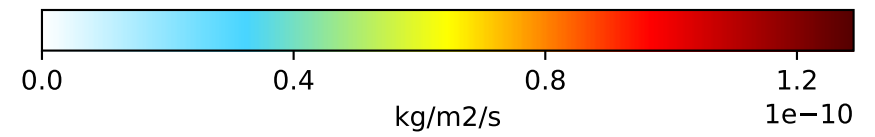
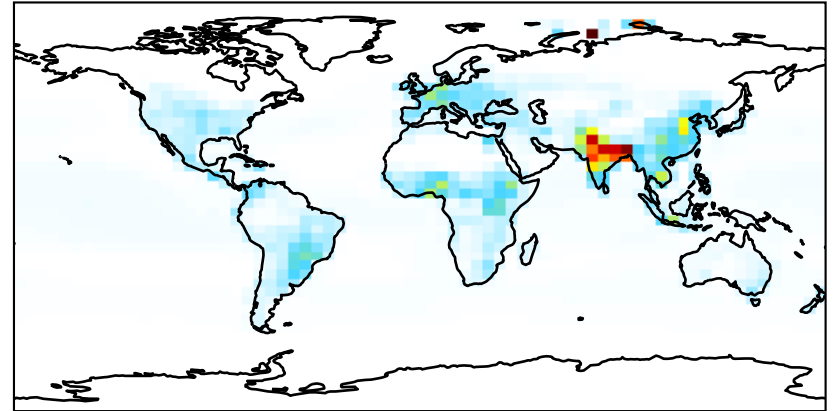


# EmisNH3\_Total (Jan2019)

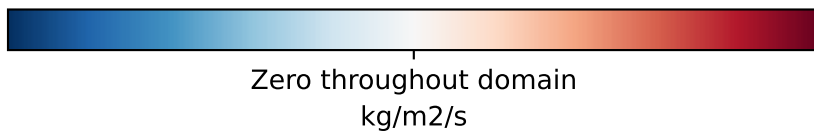
GCC\_13.3.0-rc.0 (Ref)  
4.0x5.0



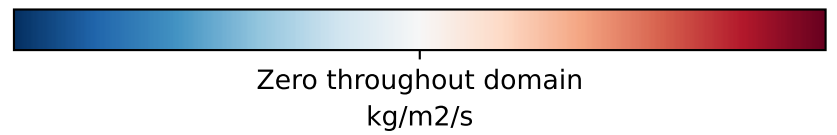
GCC\_13.4.0-rc.3 (Dev)  
4.0x5.0



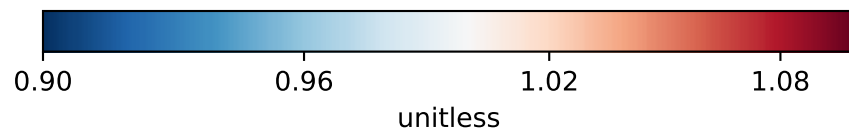
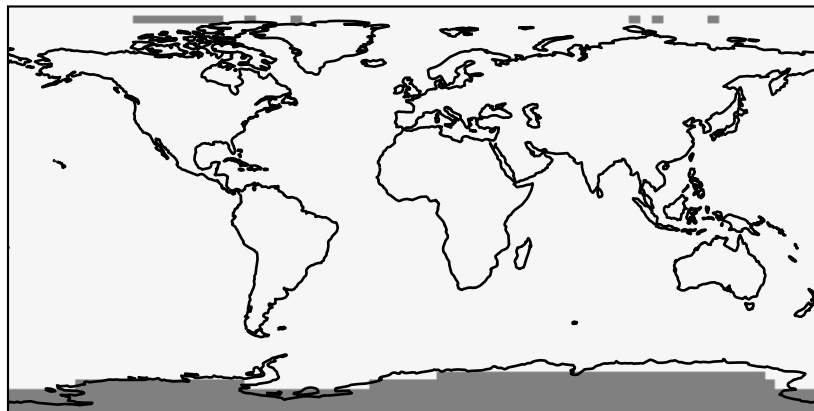
Difference  
Dev - Ref, Dynamic Range



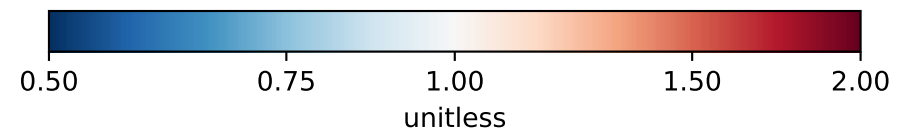
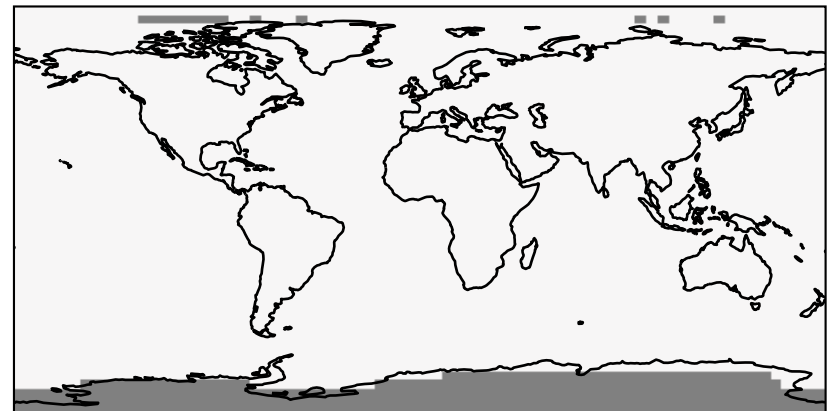
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

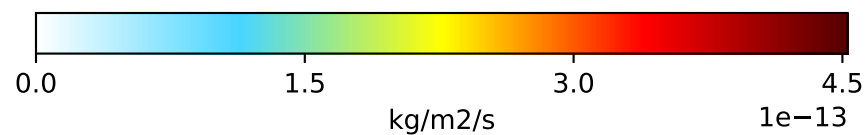
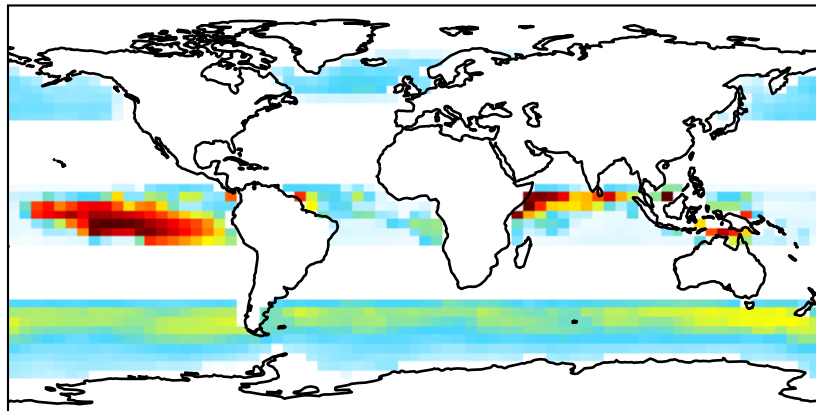


Ratio  
Dev/Ref, Fixed Range

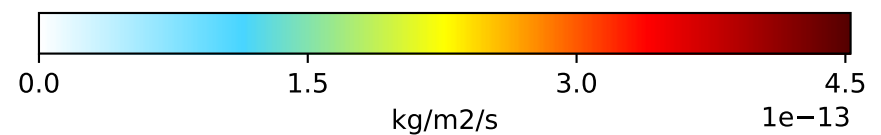
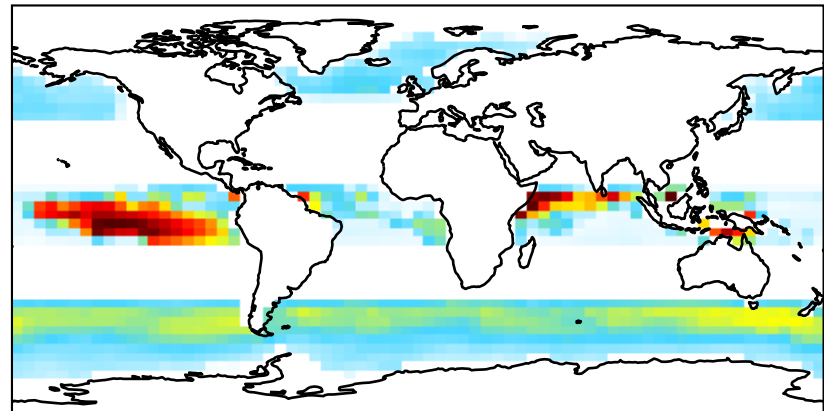


# EmisMEN03\_Ocean (Jan2019)

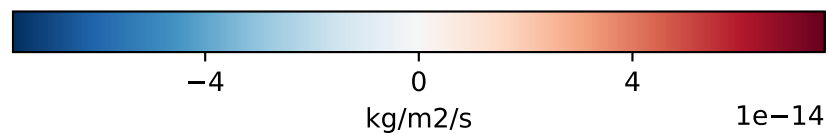
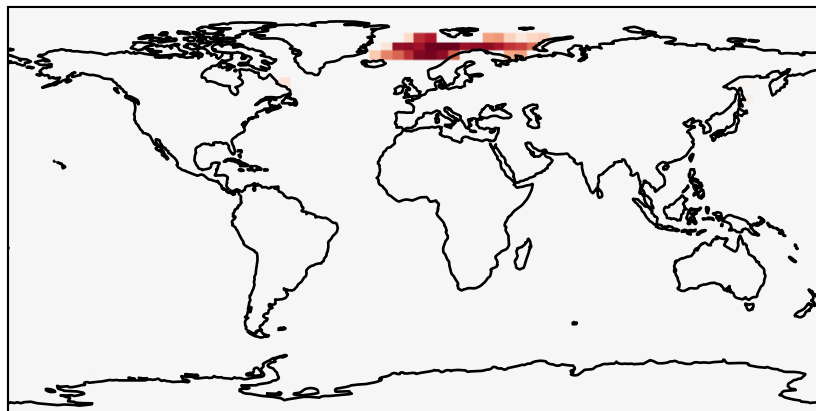
GCC\_13.3.0-rc.0 (Ref)  
4.0x5.0



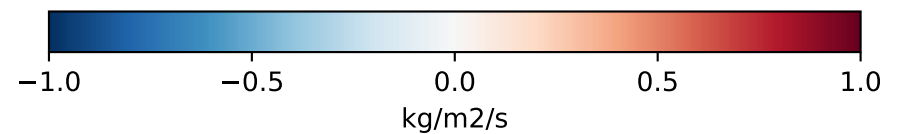
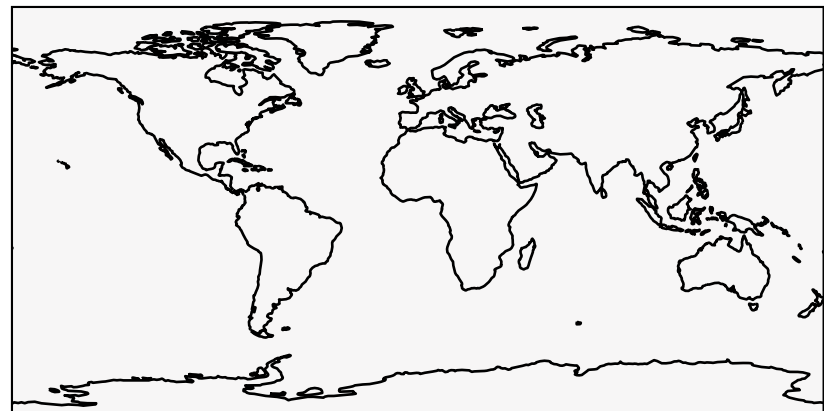
GCC\_13.4.0-rc.3 (Dev)  
4.0x5.0



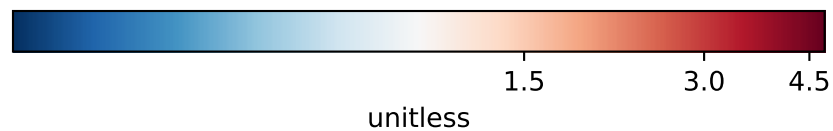
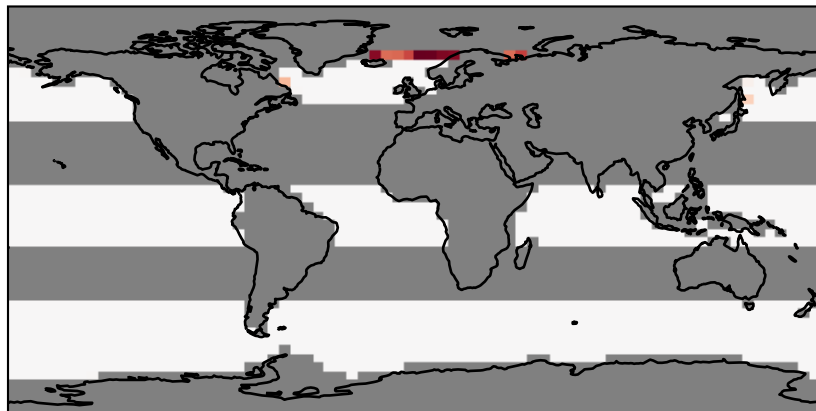
Difference  
Dev - Ref, Dynamic Range



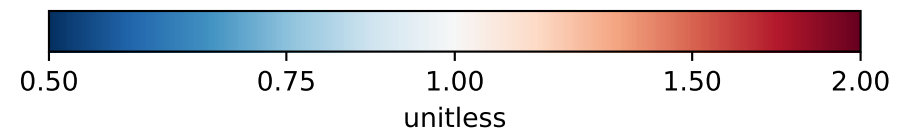
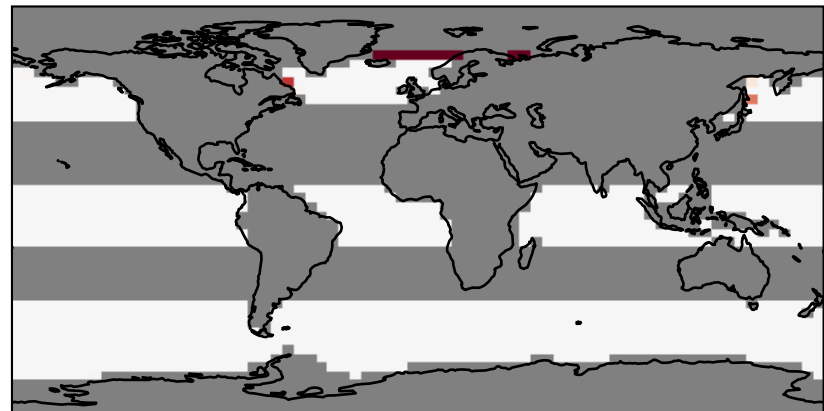
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

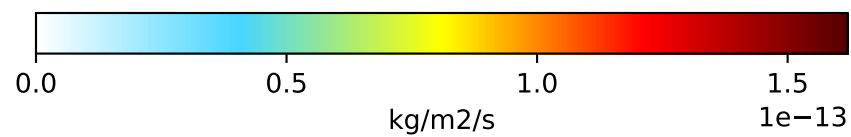
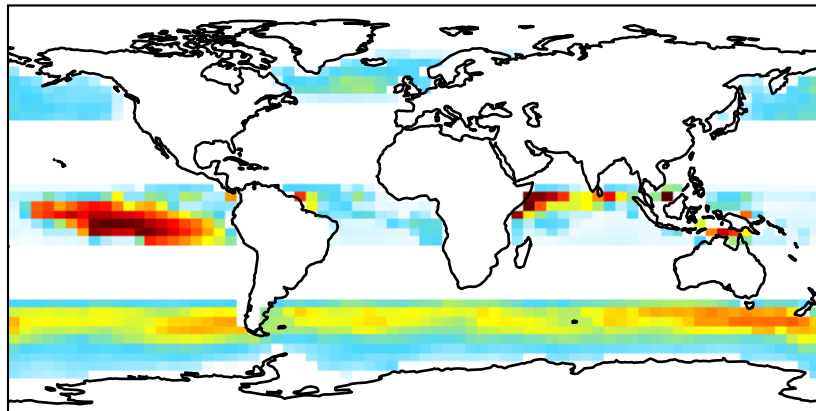


Ratio  
Dev/Ref, Fixed Range

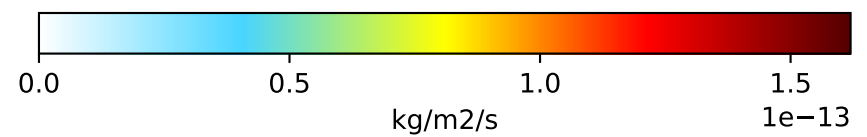
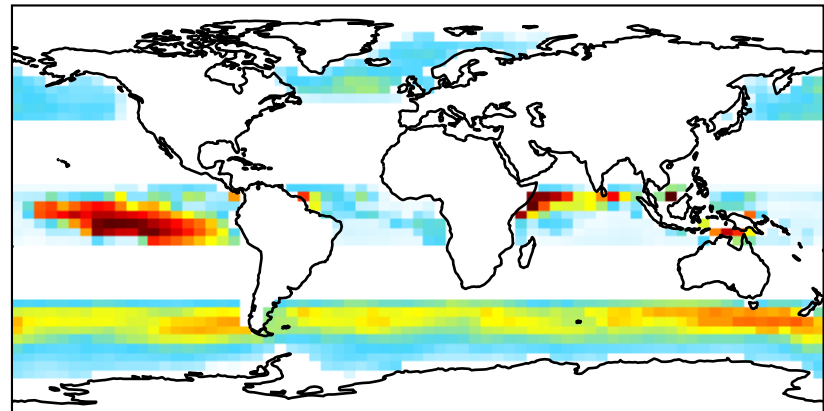


# EmisETNO3\_Ocean (Jan2019)

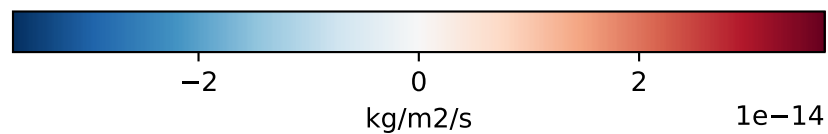
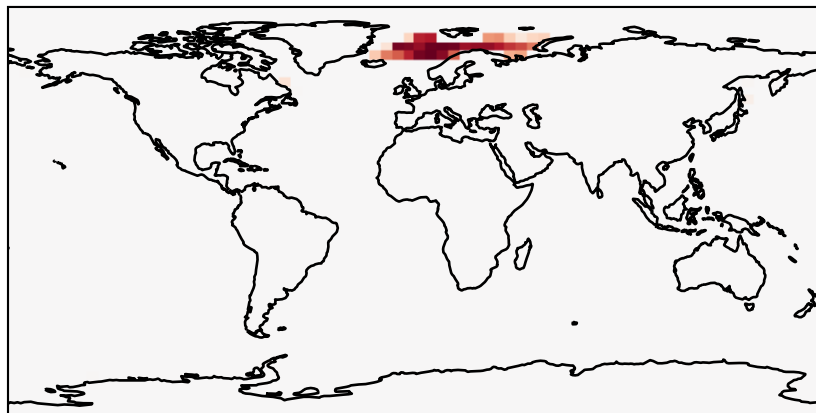
GCC\_13.3.0-rc.0 (Ref)  
4.0x5.0



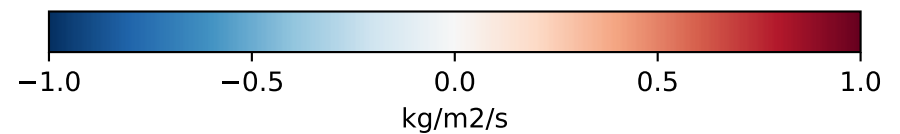
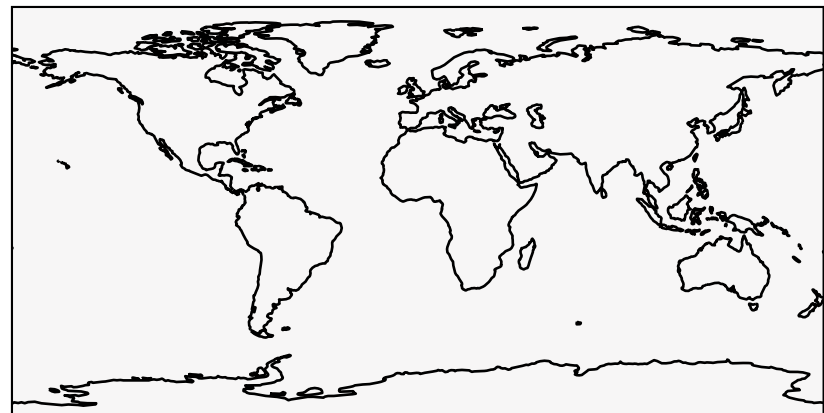
GCC\_13.4.0-rc.3 (Dev)  
4.0x5.0



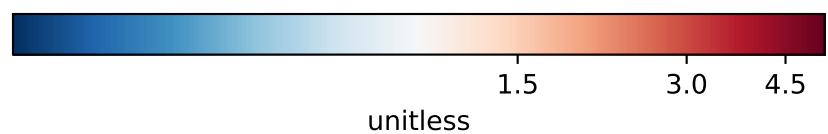
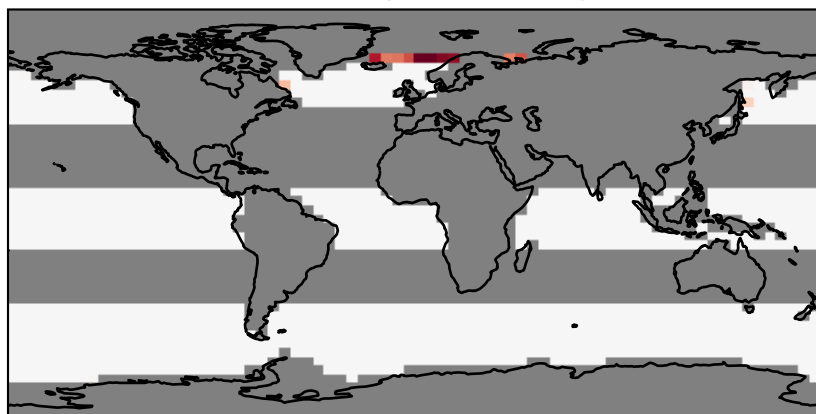
Difference  
Dev - Ref, Dynamic Range



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



Ratio  
Dev/Ref, Dynamic Range



Ratio  
Dev/Ref, Fixed Range

