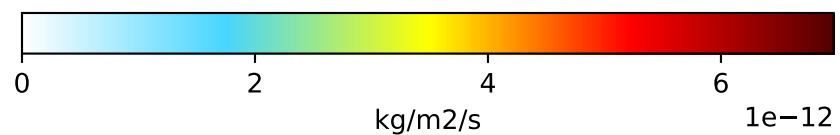
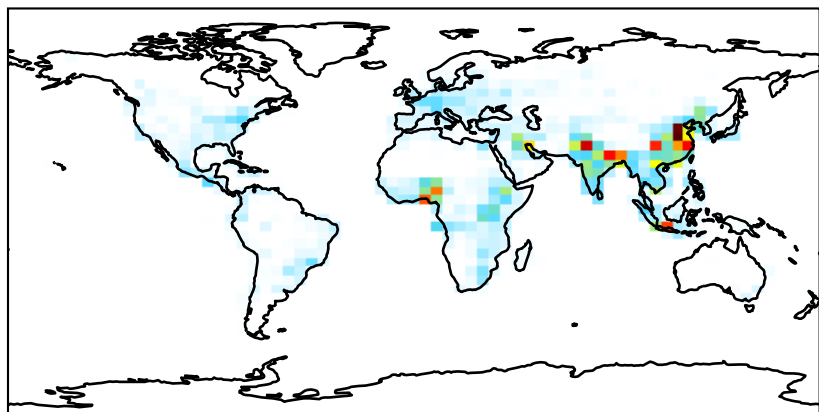
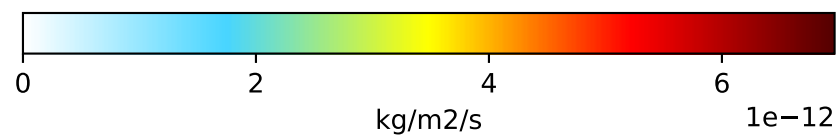
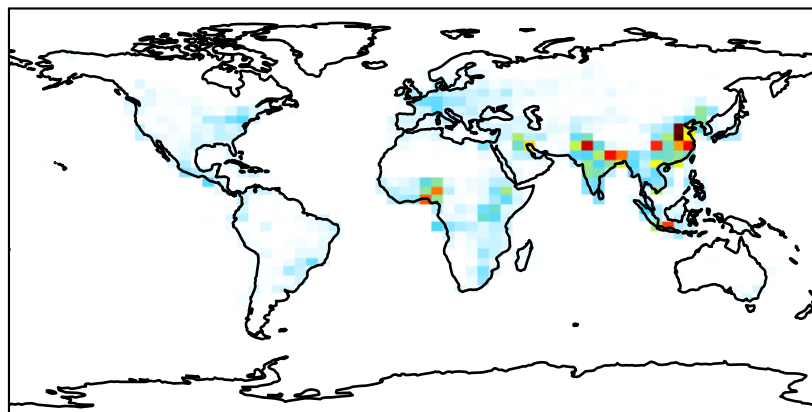


# EmisEOH\_Anthro (Apr2019)

GCC\_13.4.0-rc.4 (Ref)  
4.0x5.0



GCC\_14.0.0-rc.3 (Dev)  
4.0x5.0



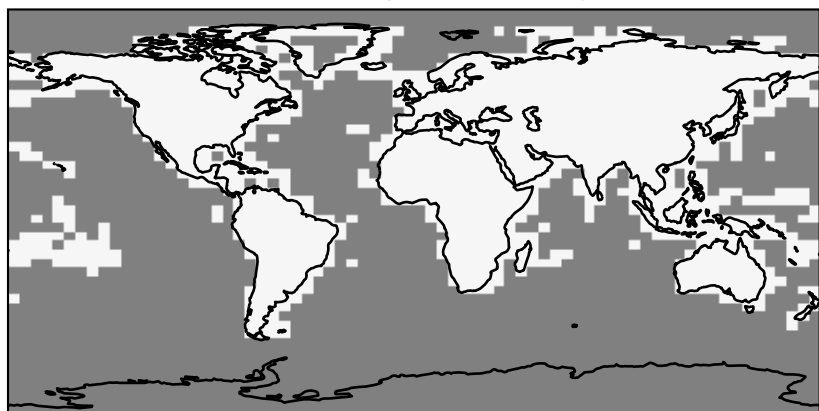
Difference  
Dev - Ref, Dynamic Range



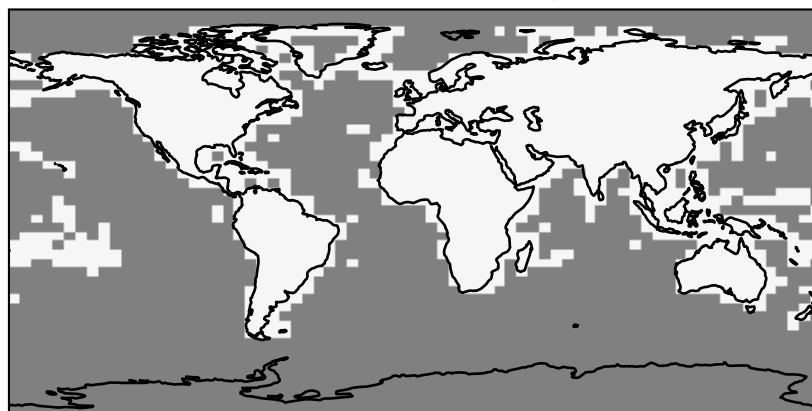
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

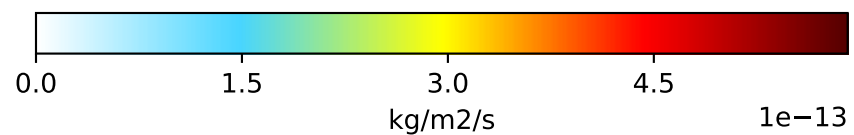
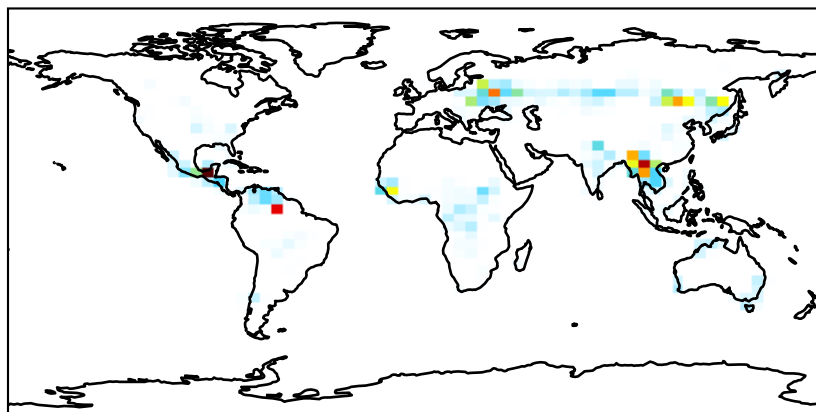


Ratio  
Dev/Ref, Fixed Range

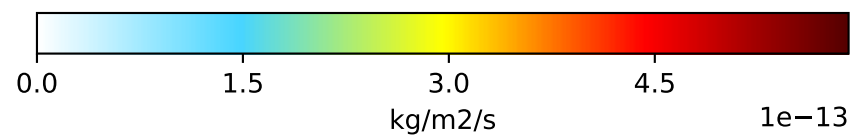
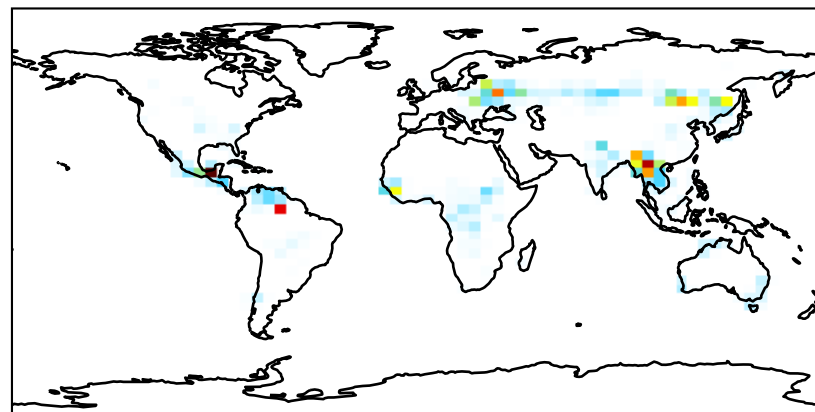


# EmisEOH\_BioBurn (Apr2019)

GCC\_13.4.0-rc.4 (Ref)  
4.0x5.0



GCC\_14.0.0-rc.3 (Dev)  
4.0x5.0



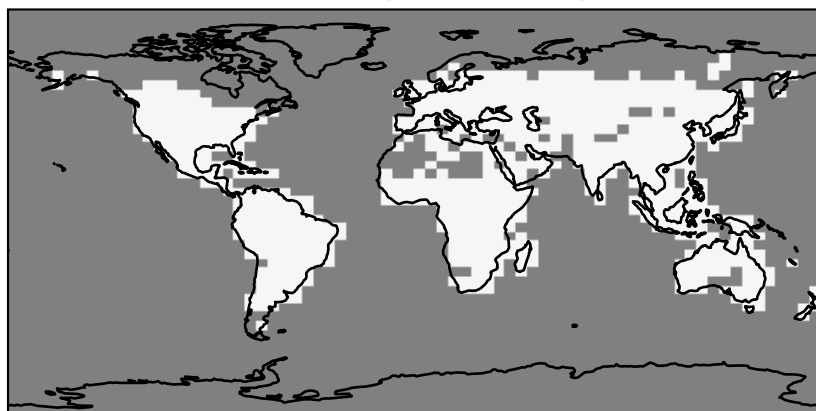
Difference  
Dev - Ref, Dynamic Range



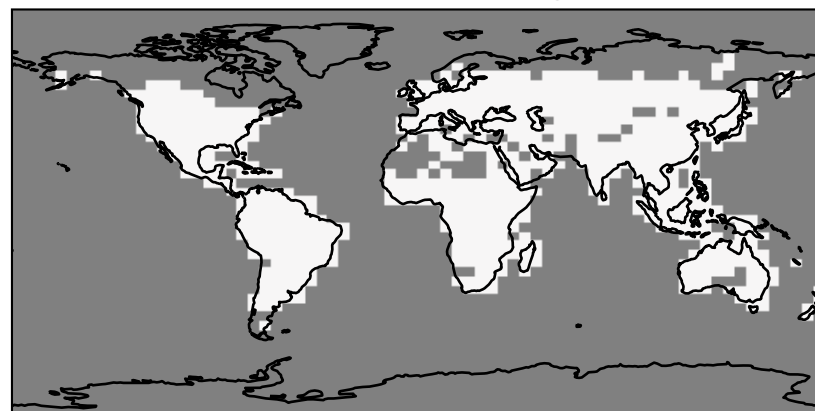
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

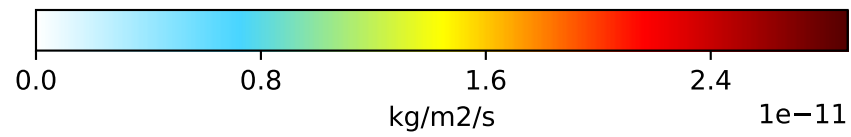
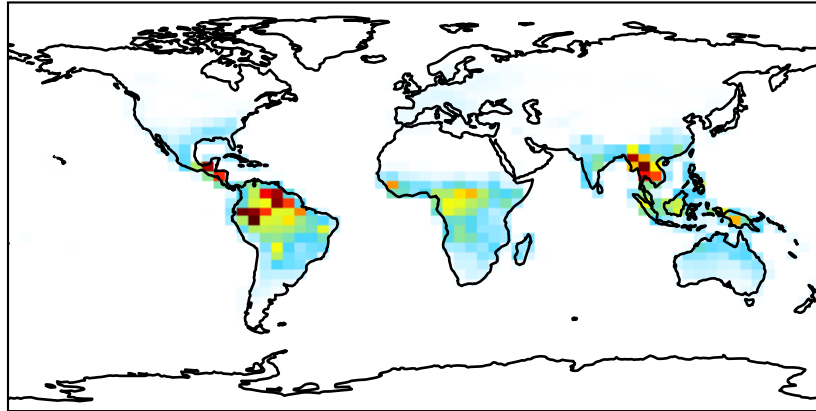


Ratio  
Dev/Ref, Fixed Range

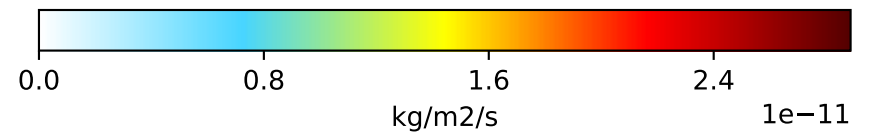
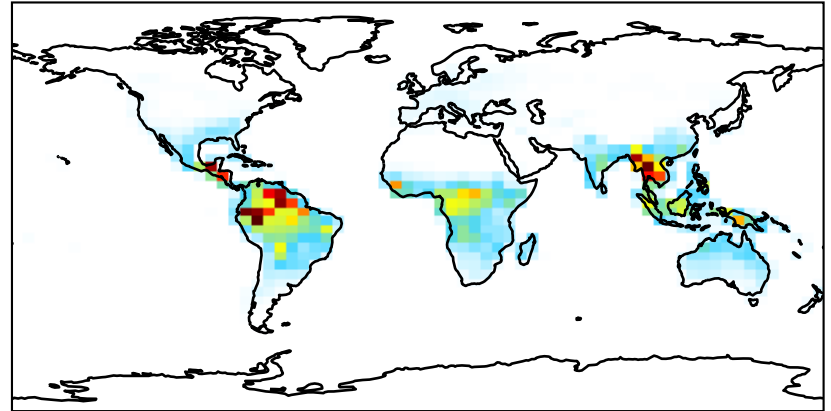


# EmisEOH\_Biogenic (Apr2019)

GCC\_13.4.0-rc.4 (Ref)  
4.0x5.0



GCC\_14.0.0-rc.3 (Dev)  
4.0x5.0



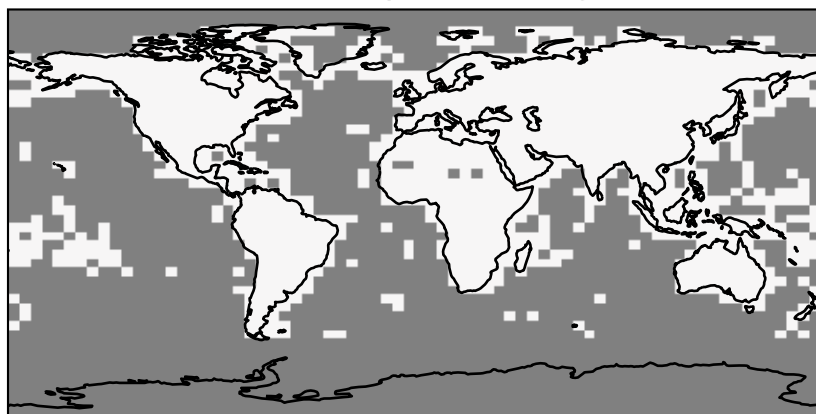
Difference  
Dev - Ref, Dynamic Range



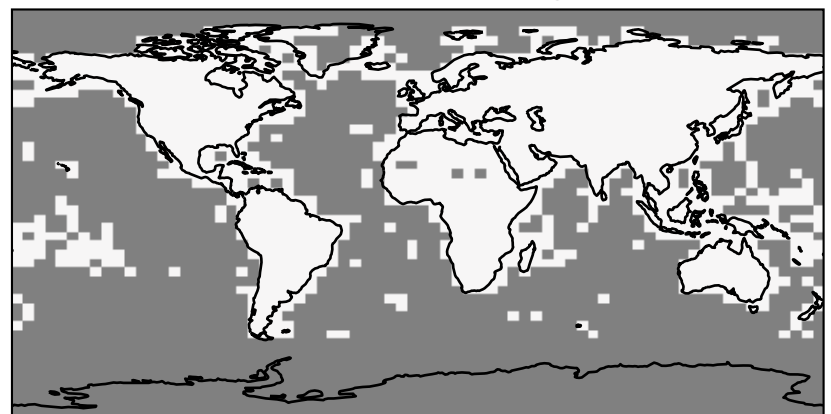
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

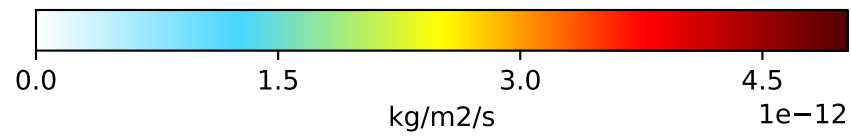
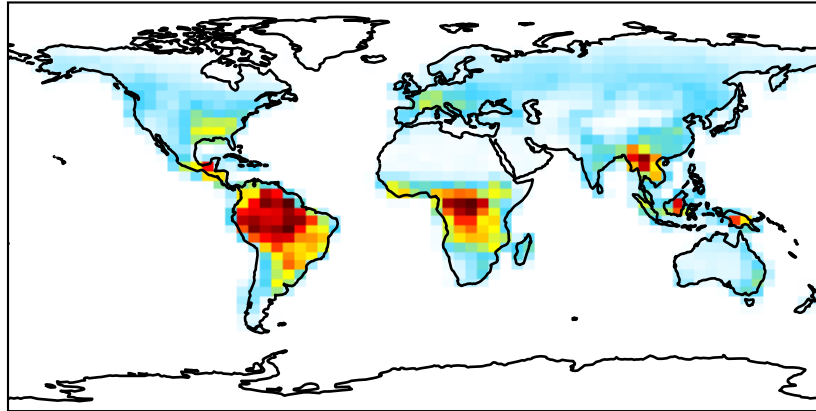


Ratio  
Dev/Ref, Fixed Range

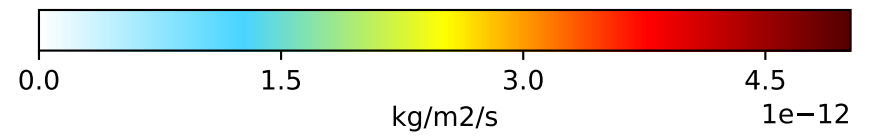
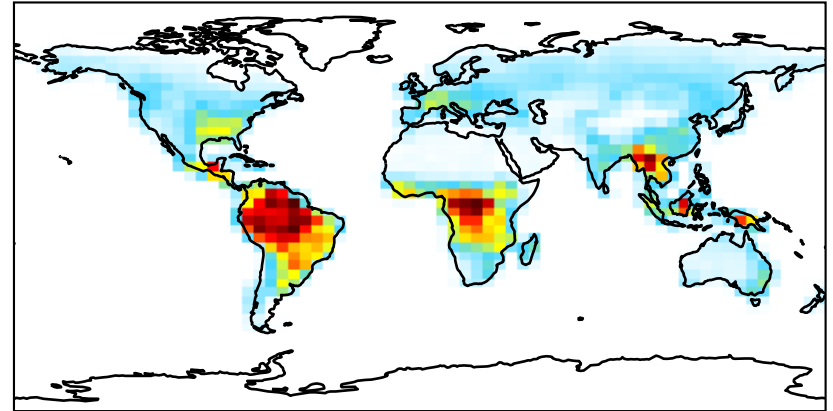


# EmisEOH\_PlantDecay (Apr2019)

GCC\_13.4.0-rc.4 (Ref)  
4.0x5.0



GCC\_14.0.0-rc.3 (Dev)  
4.0x5.0



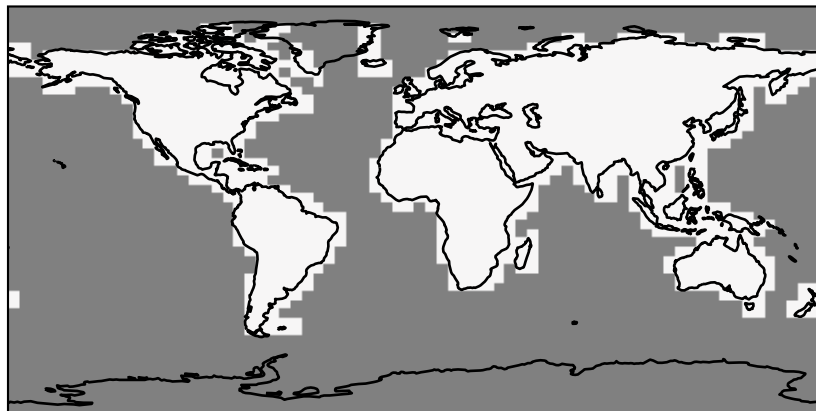
Difference  
Dev - Ref, Dynamic Range



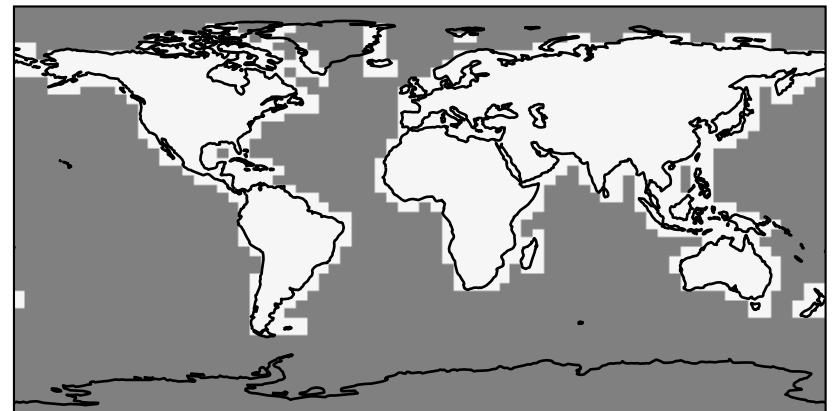
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range



Ratio  
Dev/Ref, Fixed Range



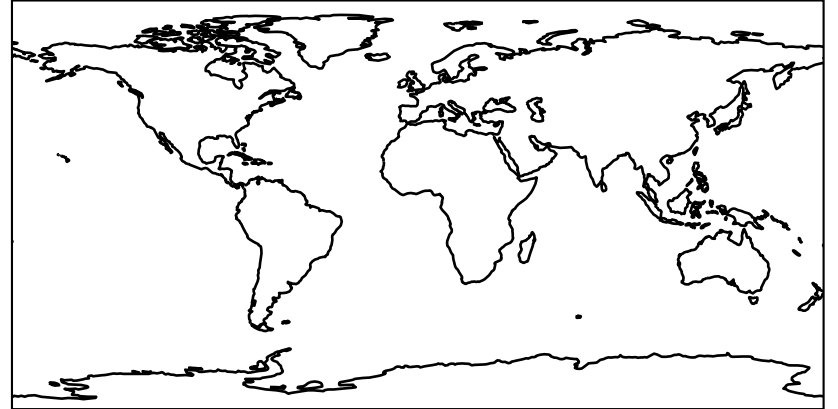
# EmisEOH\_Ship (Apr2019)

GCC\_13.4.0-rc.4 (Ref)  
4.0x5.0



Zero throughout domain  
kg/m2/s

GCC\_14.0.0-rc.3 (Dev)  
4.0x5.0



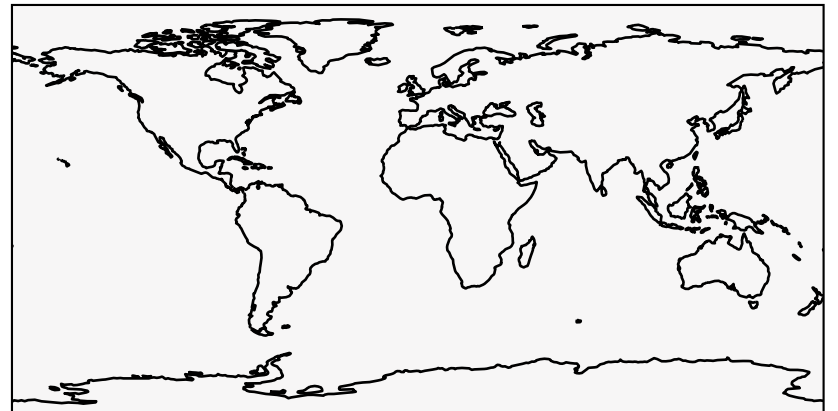
Zero throughout domain  
kg/m2/s

Difference  
Dev - Ref, Dynamic Range



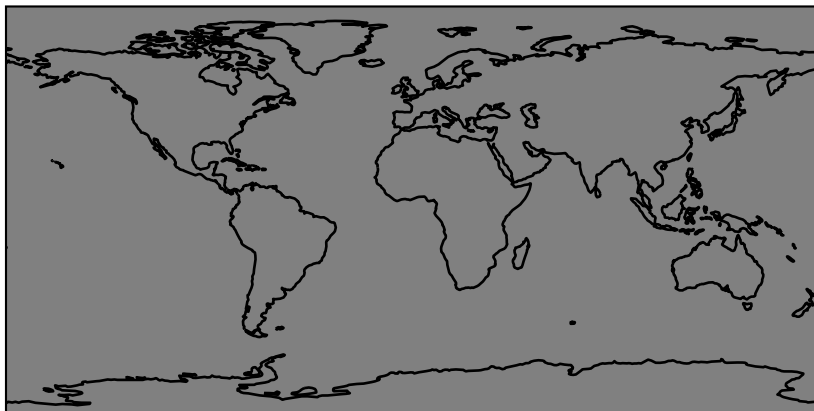
Zero throughout domain  
kg/m2/s

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



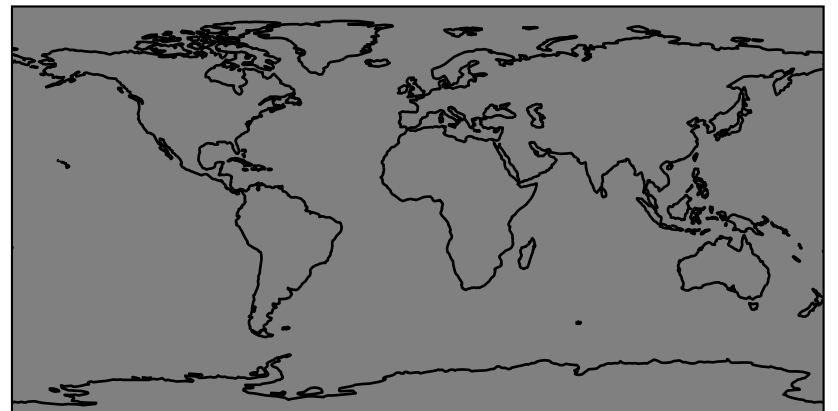
Zero throughout domain  
kg/m2/s

Ratio  
Dev/Ref, Dynamic Range



Undefined throughout domain  
unitless

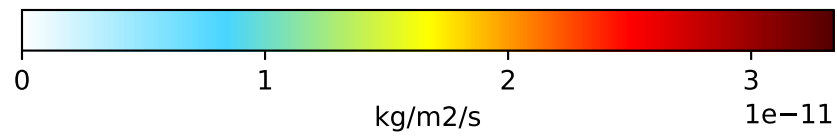
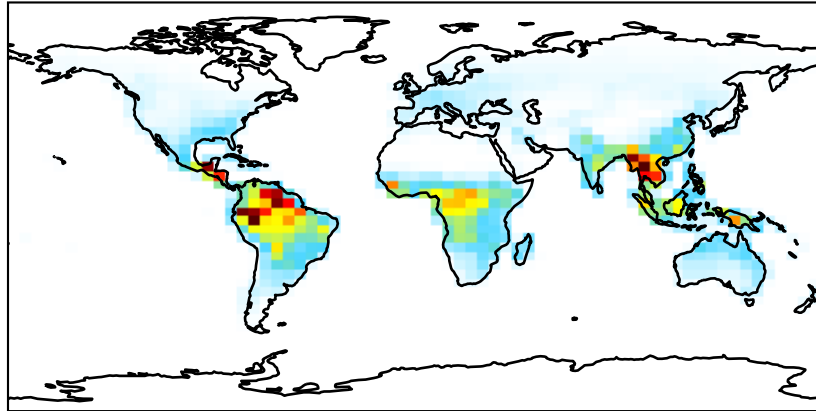
Ratio  
Dev/Ref, Fixed Range



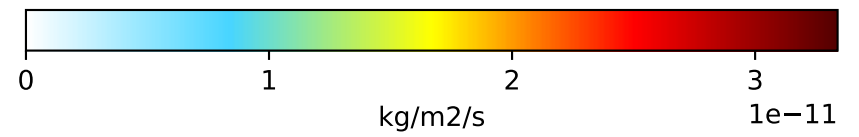
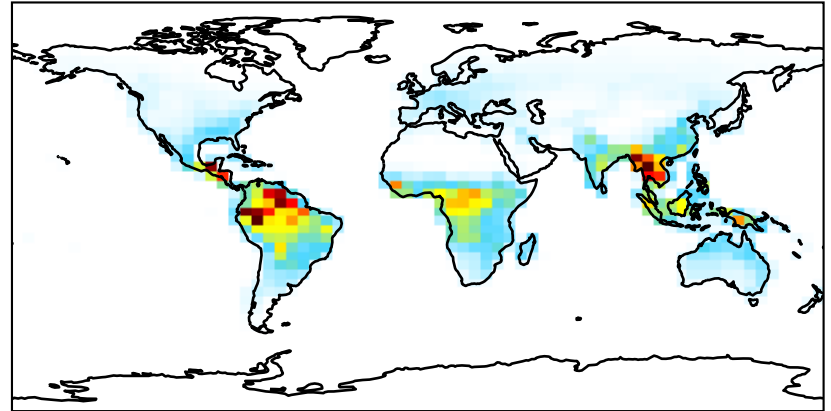
Undefined throughout domain  
unitless

# EmisEOH\_Total (Apr2019)

GCC\_13.4.0-rc.4 (Ref)  
4.0x5.0



GCC\_14.0.0-rc.3 (Dev)  
4.0x5.0



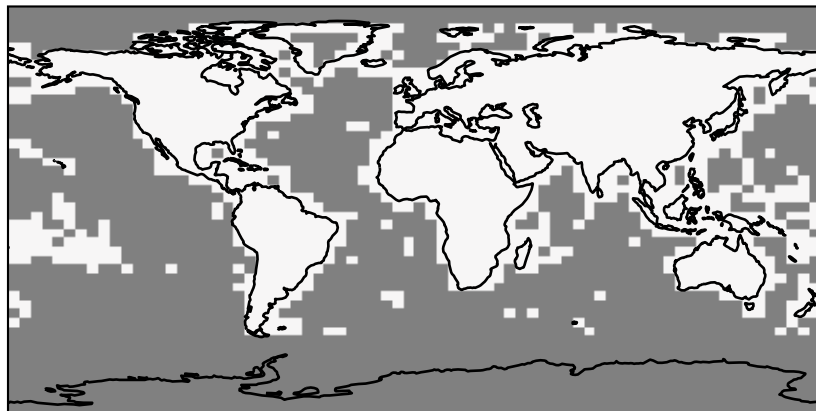
Difference  
Dev - Ref, Dynamic Range



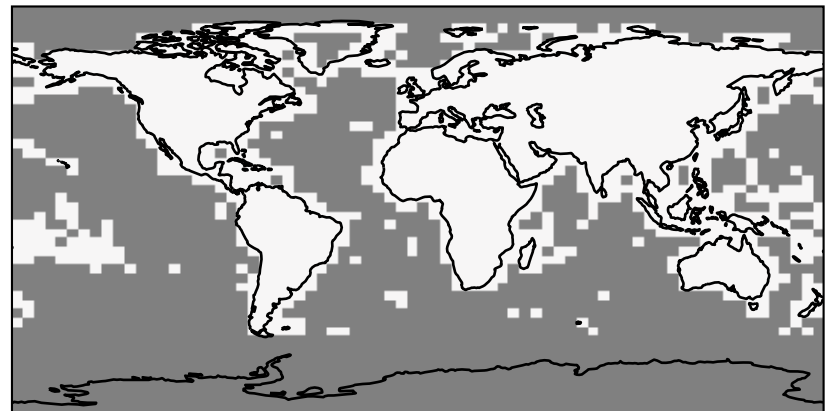
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

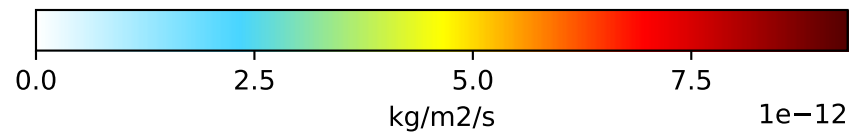
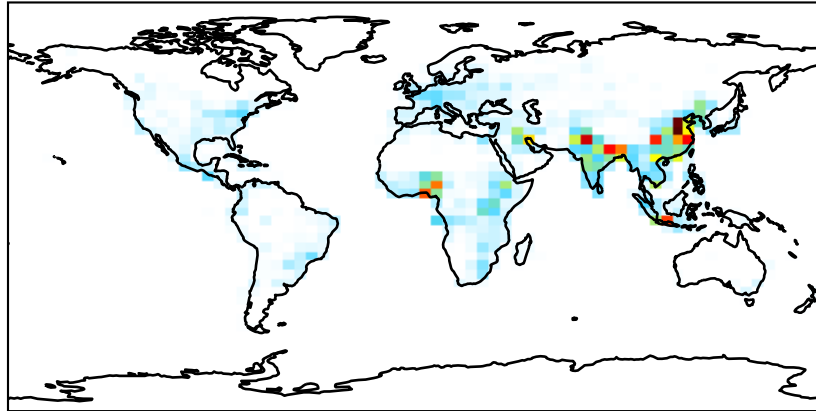


Ratio  
Dev/Ref, Fixed Range

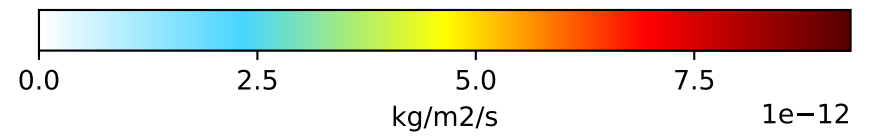
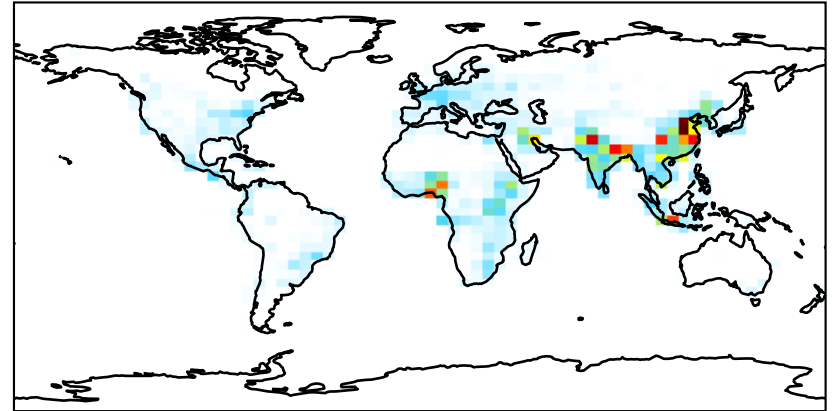


# EmisMOH\_Anthro (Apr2019)

GCC\_13.4.0-rc.4 (Ref)  
4.0x5.0



GCC\_14.0.0-rc.3 (Dev)  
4.0x5.0



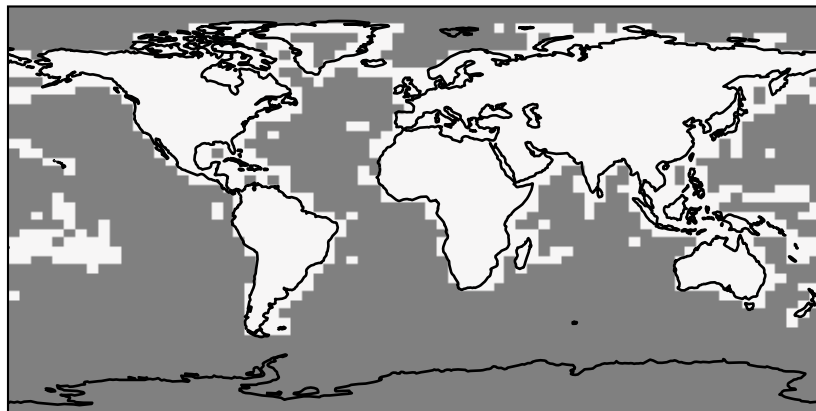
Difference  
Dev - Ref, Dynamic Range



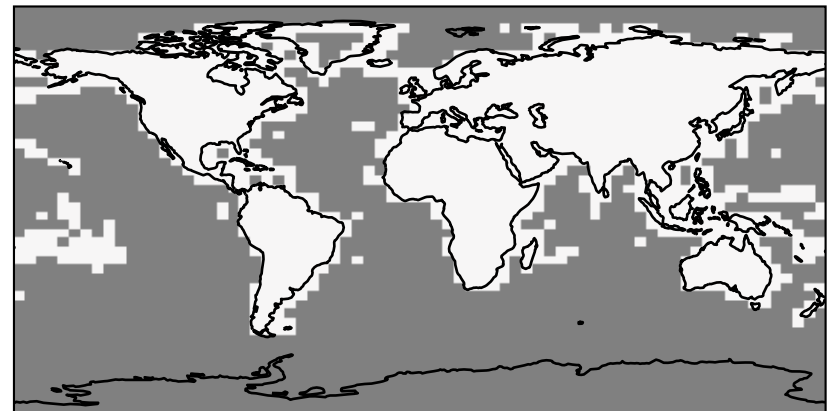
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

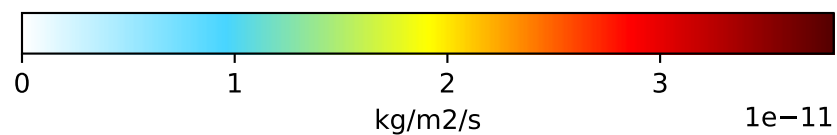
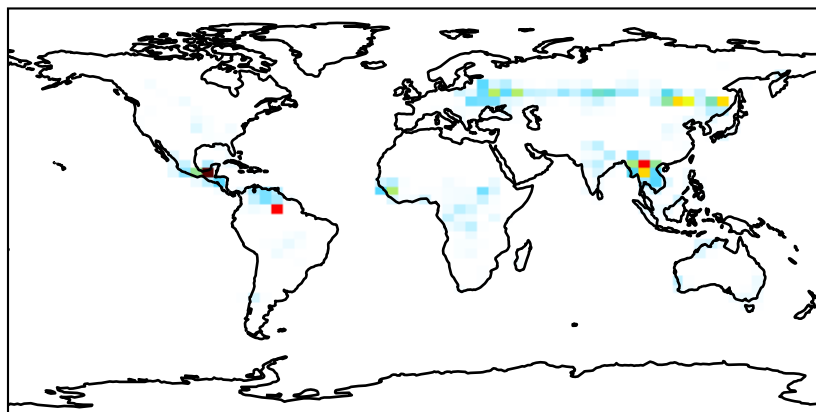


Ratio  
Dev/Ref, Fixed Range

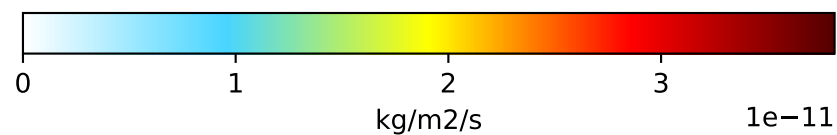
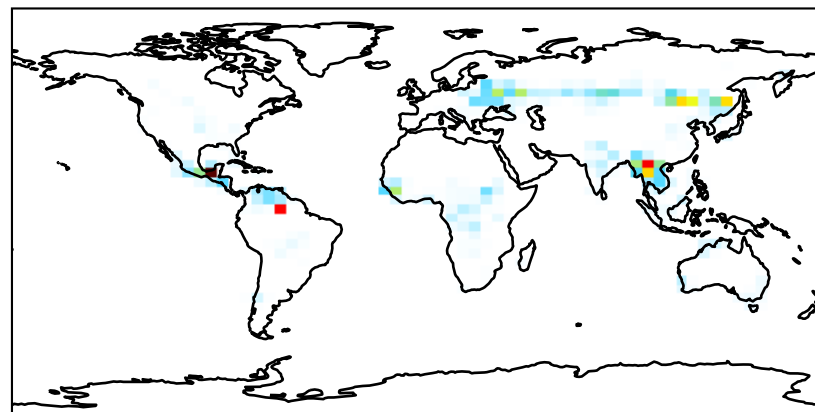


# EmisMOH\_BioBurn (Apr2019)

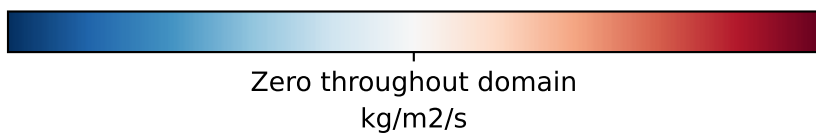
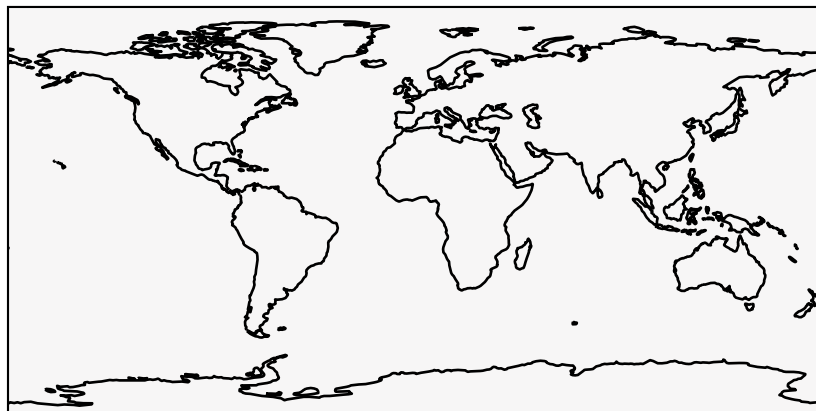
GCC\_13.4.0-rc.4 (Ref)  
4.0x5.0



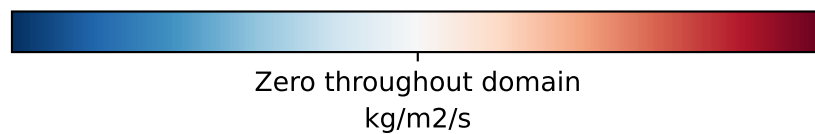
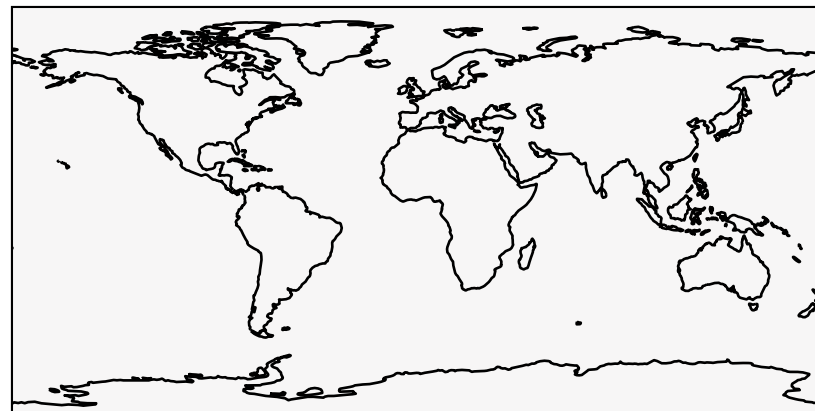
GCC\_14.0.0-rc.3 (Dev)  
4.0x5.0



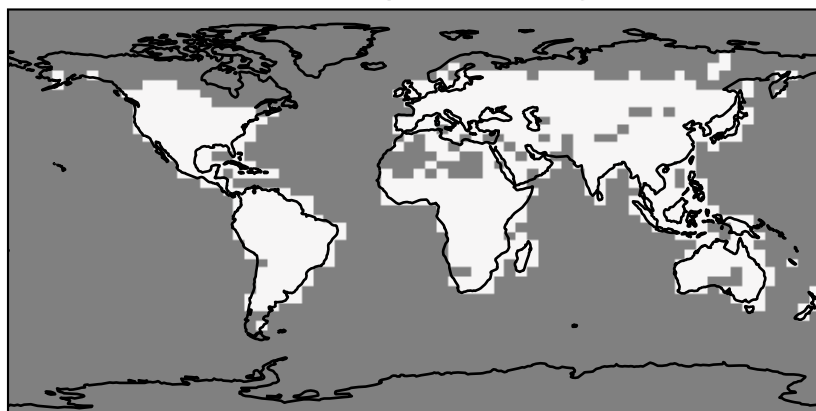
Difference  
Dev - Ref, Dynamic Range



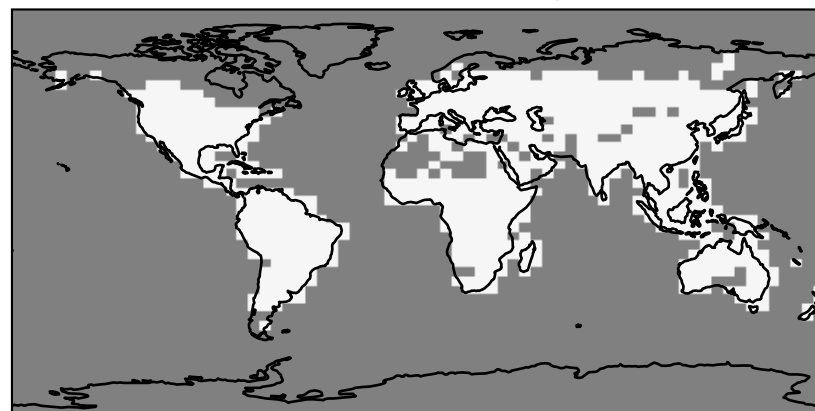
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range



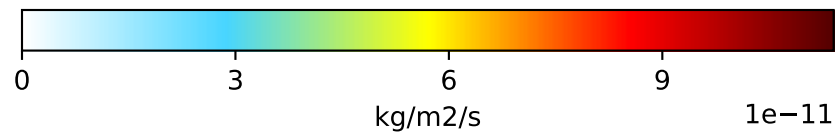
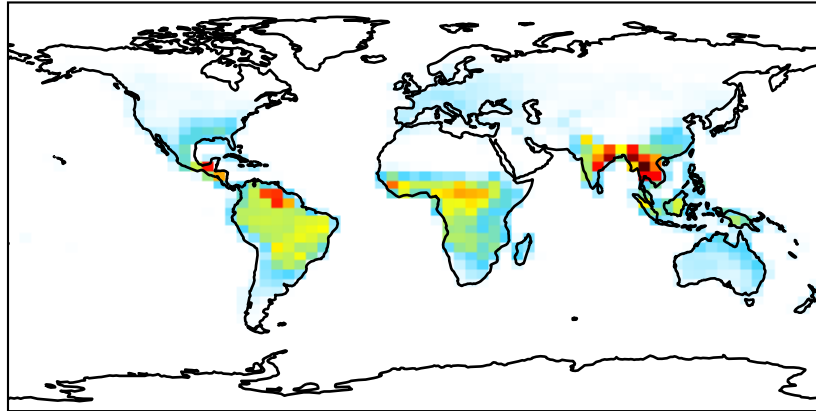
Ratio  
Dev/Ref, Fixed Range



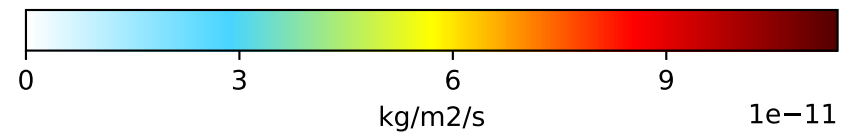
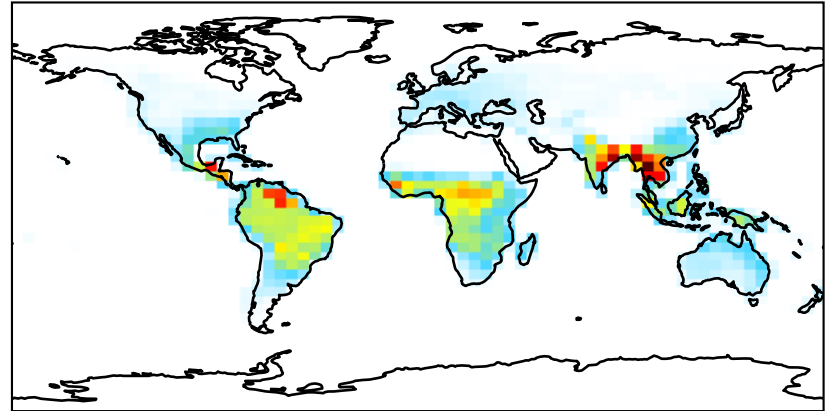


# EmisMOH\_Biogenic (Apr2019)

GCC\_13.4.0-rc.4 (Ref)  
4.0x5.0



GCC\_14.0.0-rc.3 (Dev)  
4.0x5.0



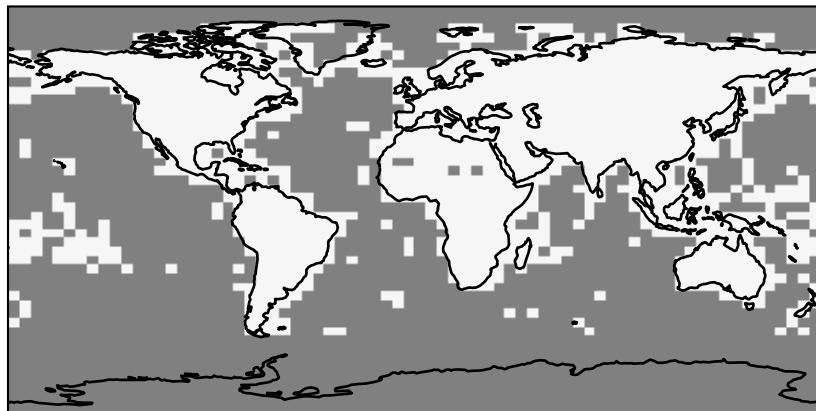
Difference  
Dev - Ref, Dynamic Range



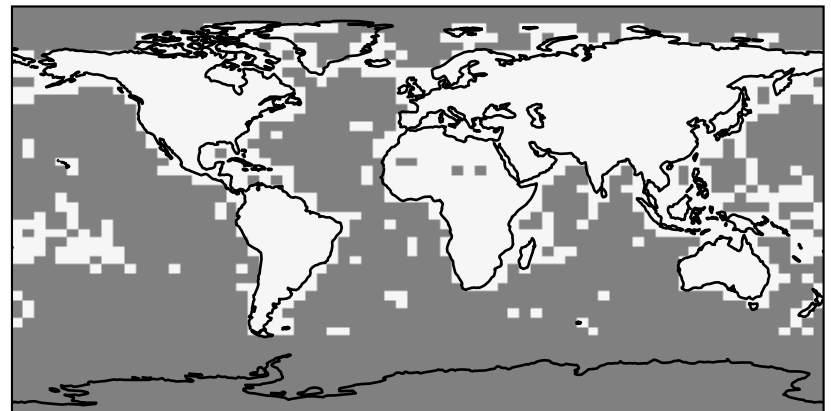
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

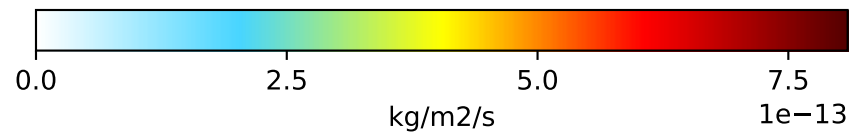
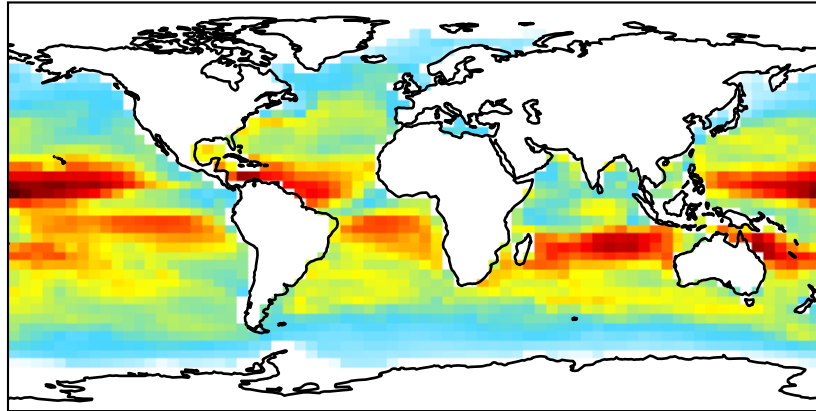


Ratio  
Dev/Ref, Fixed Range

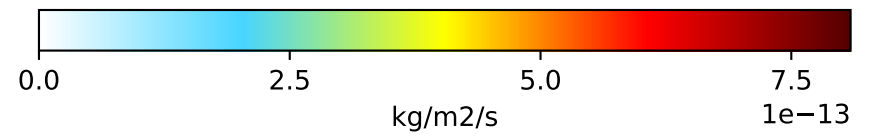
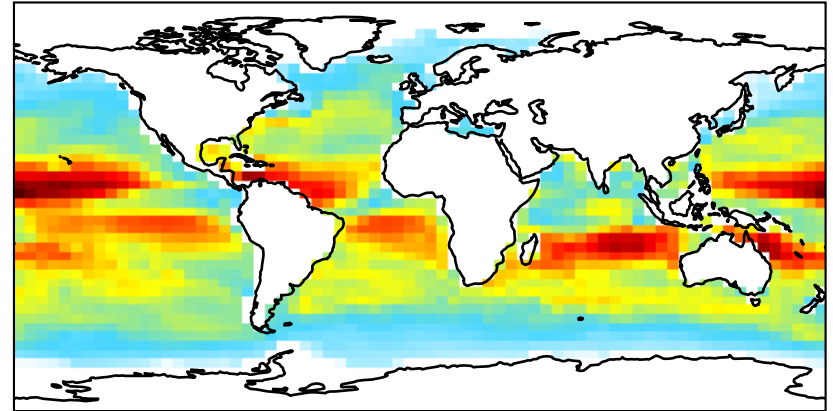


# EmisMOH\_Ocean (Apr2019)

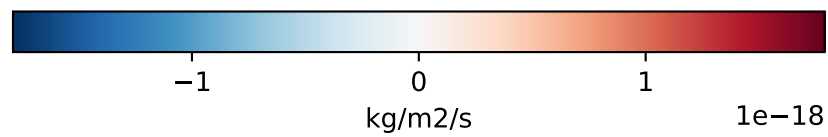
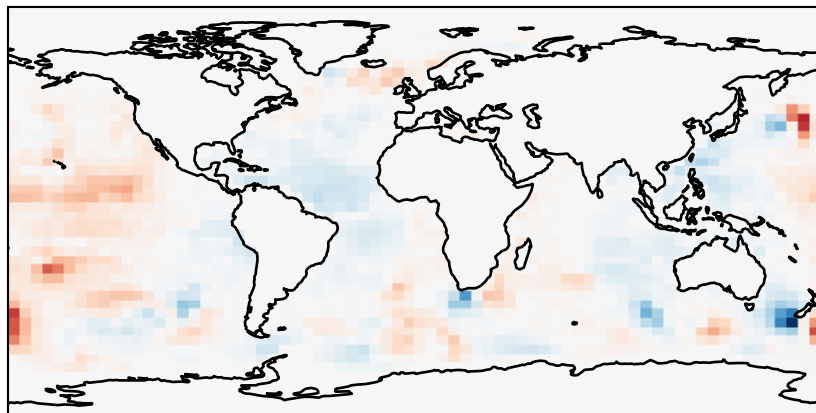
GCC\_13.4.0-rc.4 (Ref)  
4.0x5.0



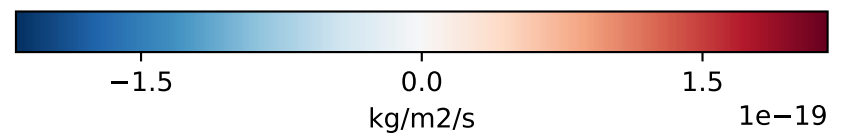
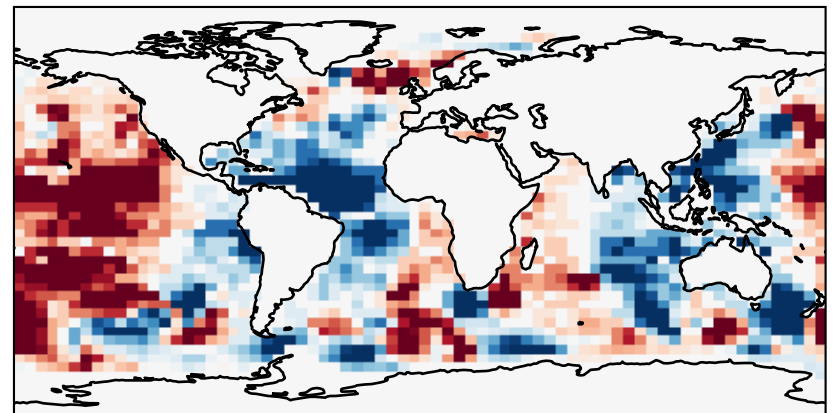
GCC\_14.0.0-rc.3 (Dev)  
4.0x5.0



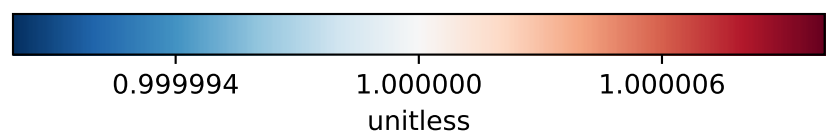
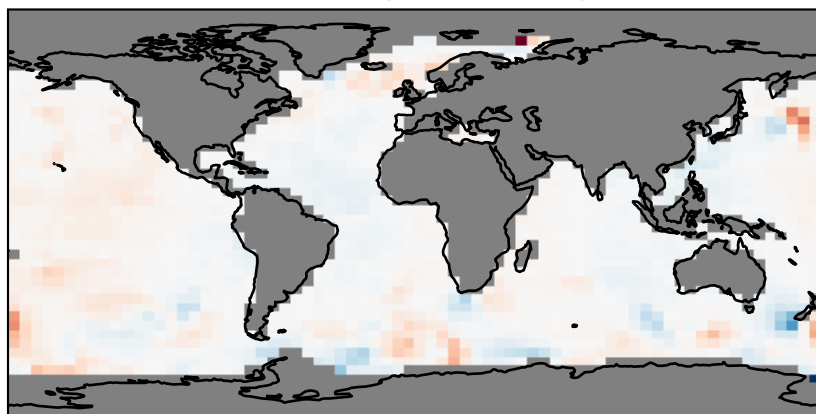
Difference  
Dev - Ref, Dynamic Range



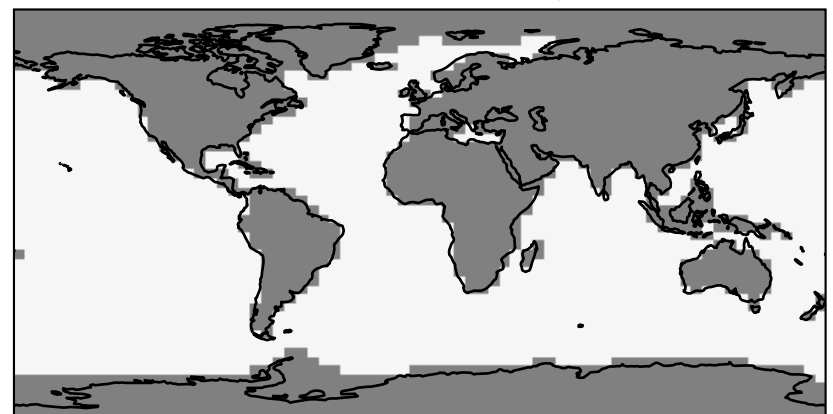
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

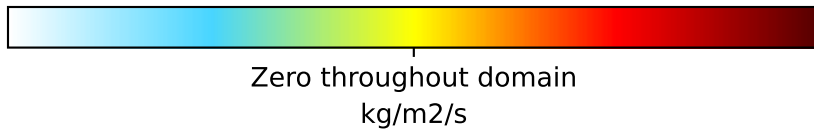


Ratio  
Dev/Ref, Fixed Range

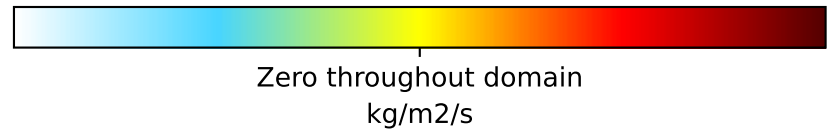
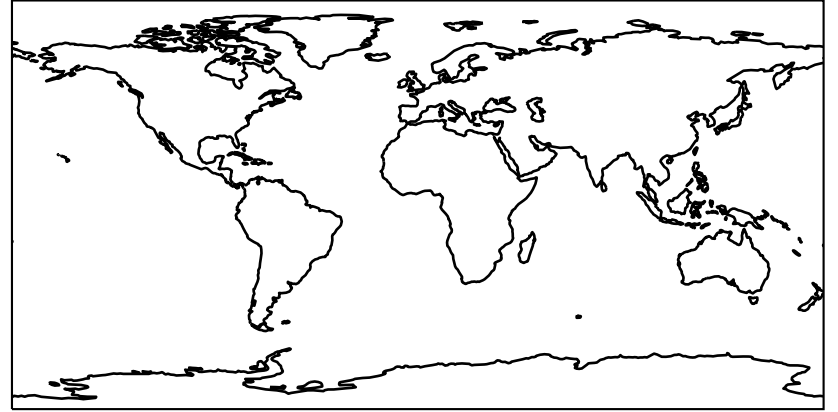


# EmisMOH\_Ship (Apr2019)

GCC\_13.4.0-rc.4 (Ref)  
4.0x5.0



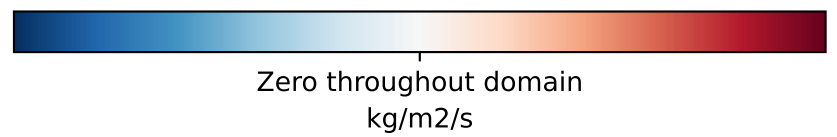
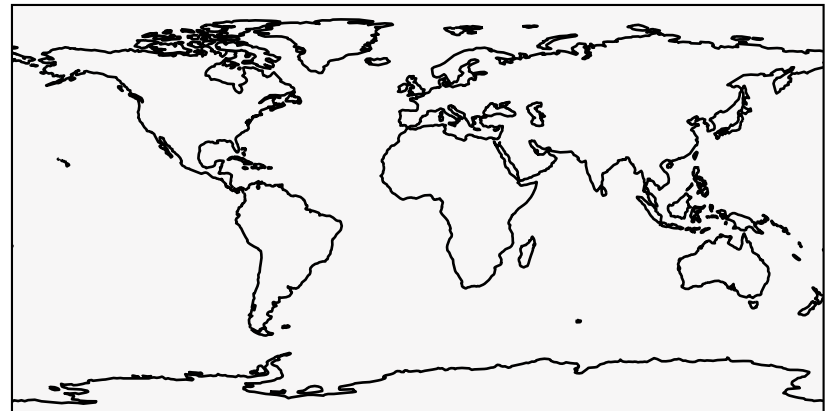
GCC\_14.0.0-rc.3 (Dev)  
4.0x5.0



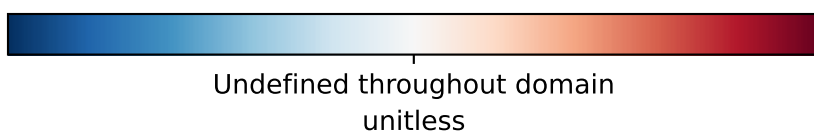
Difference  
Dev - Ref, Dynamic Range



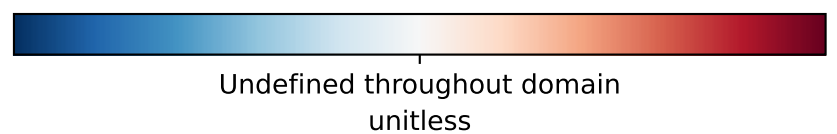
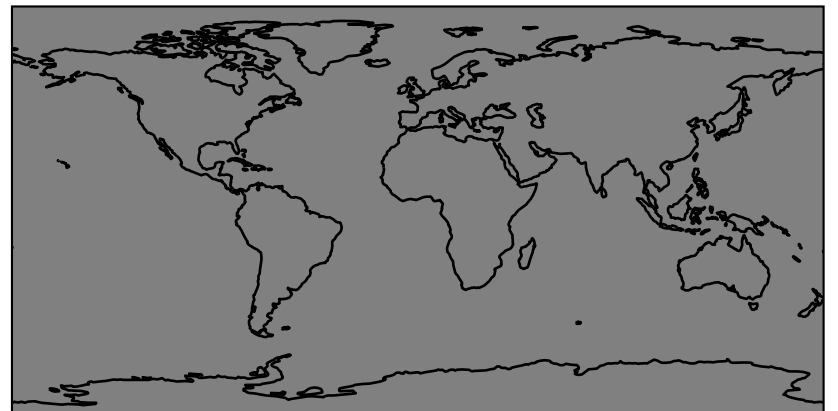
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

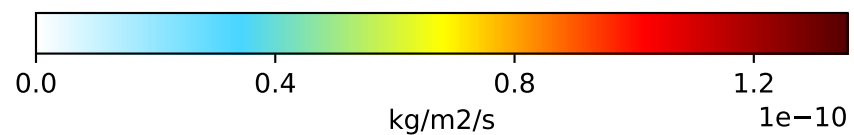
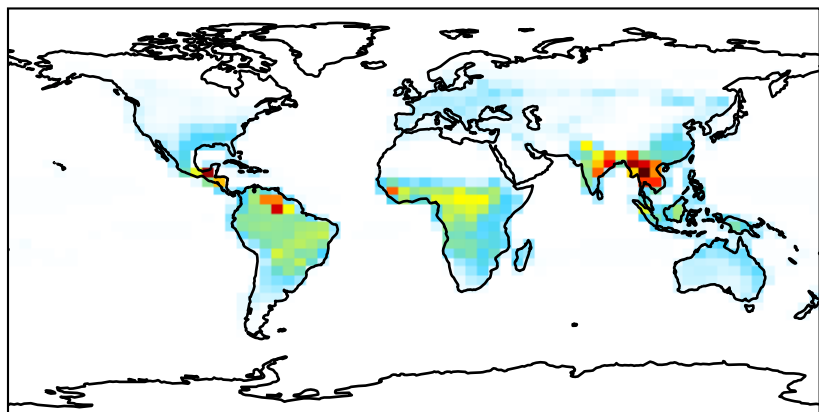


Ratio  
Dev/Ref, Fixed Range

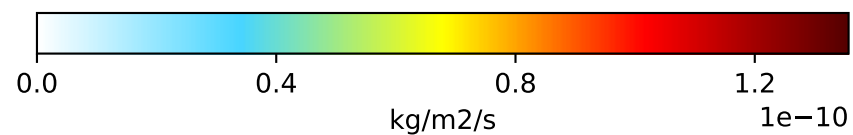
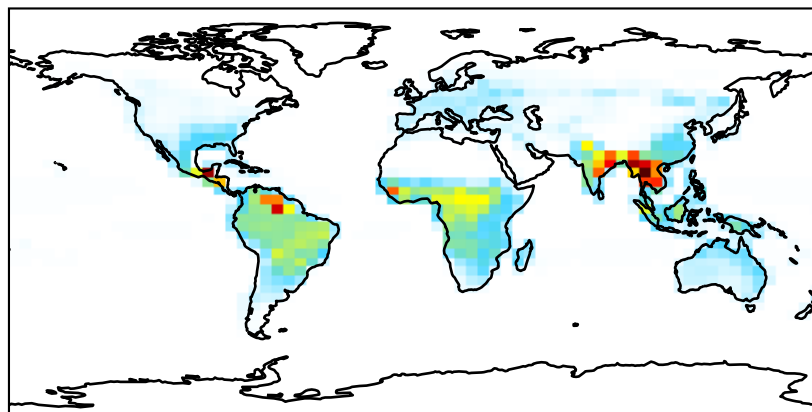


# EmisMOH\_Total (Apr2019)

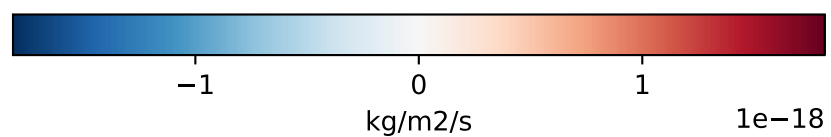
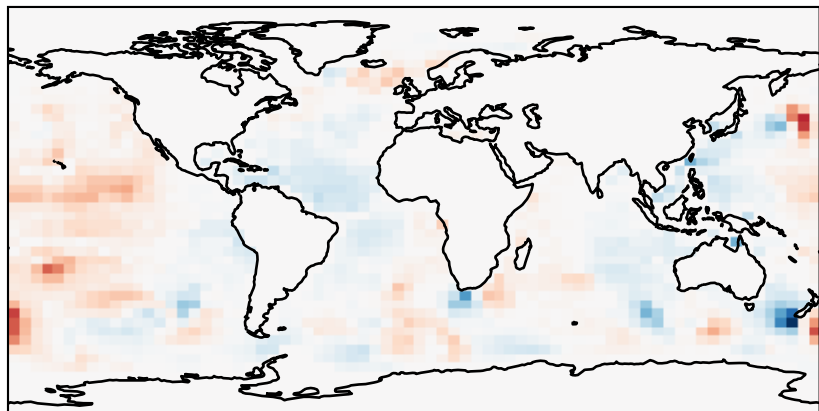
GCC\_13.4.0-rc.4 (Ref)  
4.0x5.0



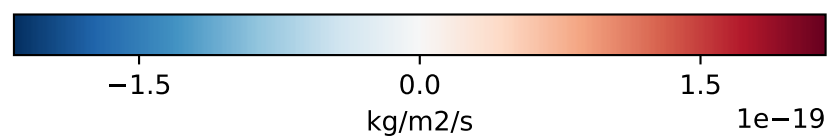
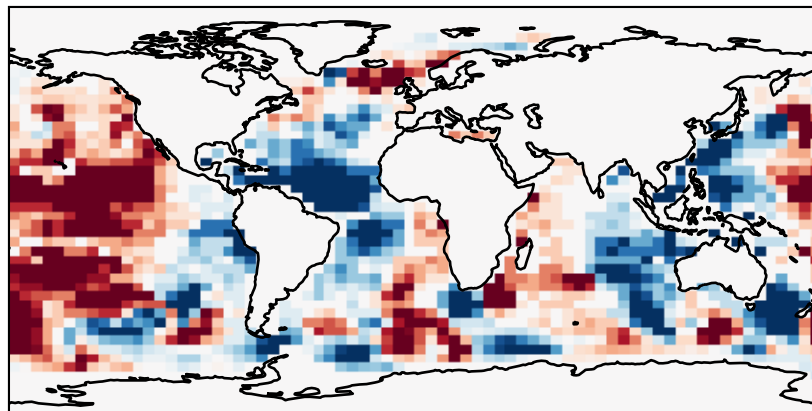
GCC\_14.0.0-rc.3 (Dev)  
4.0x5.0



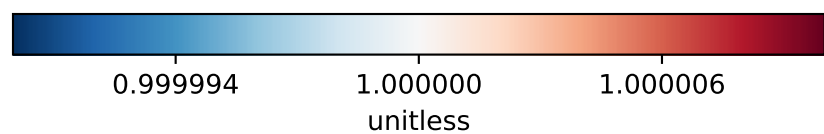
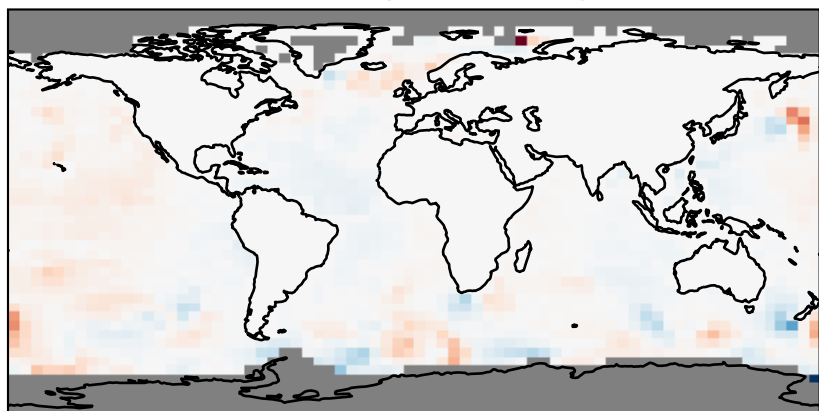
Difference  
Dev - Ref, Dynamic Range



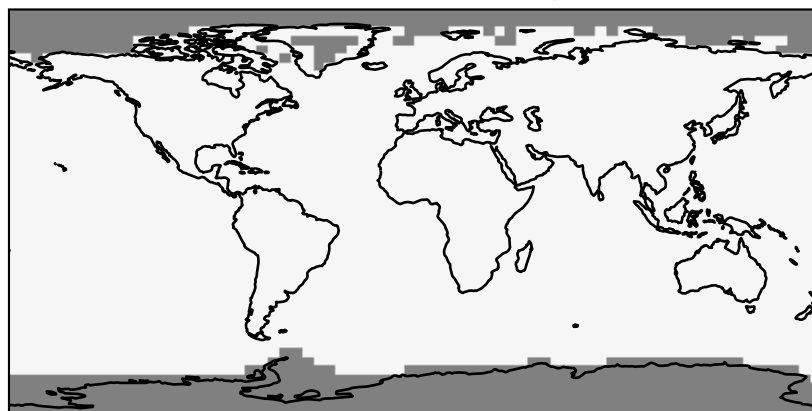
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

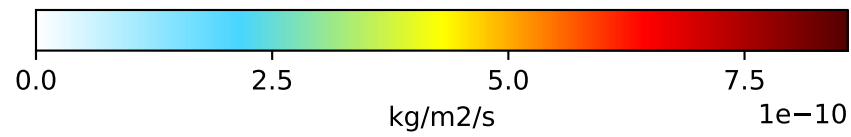
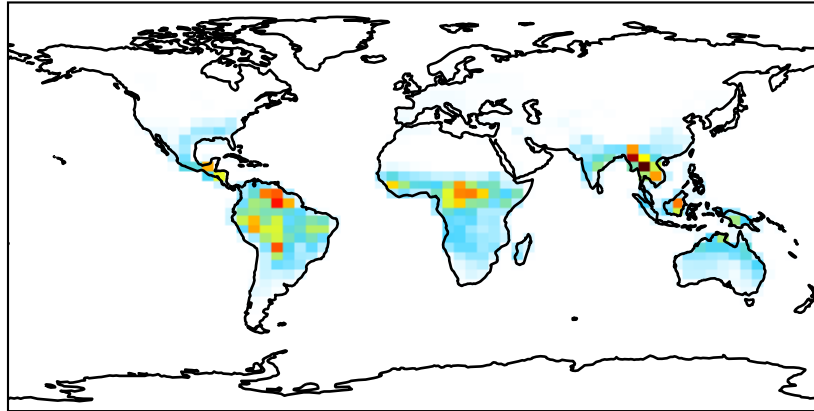


Ratio  
Dev/Ref, Fixed Range

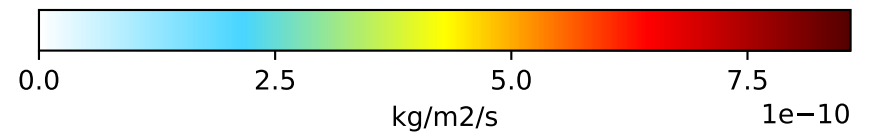
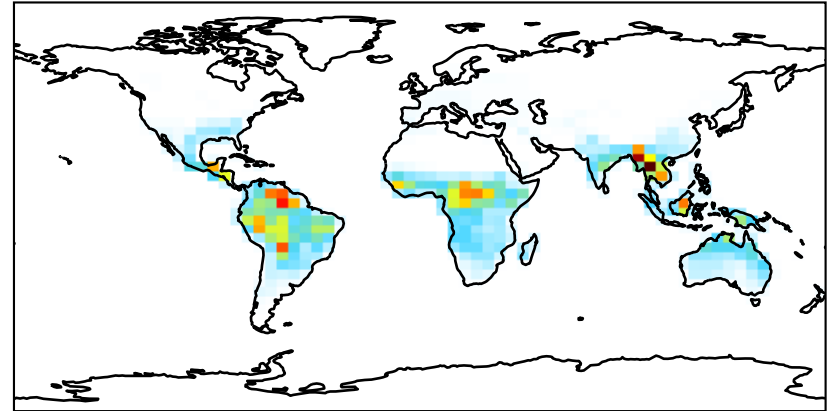


# EmisSOP\_Biogenic (Apr2019)

GCC\_13.4.0-rc.4 (Ref)  
4.0x5.0



GCC\_14.0.0-rc.3 (Dev)  
4.0x5.0



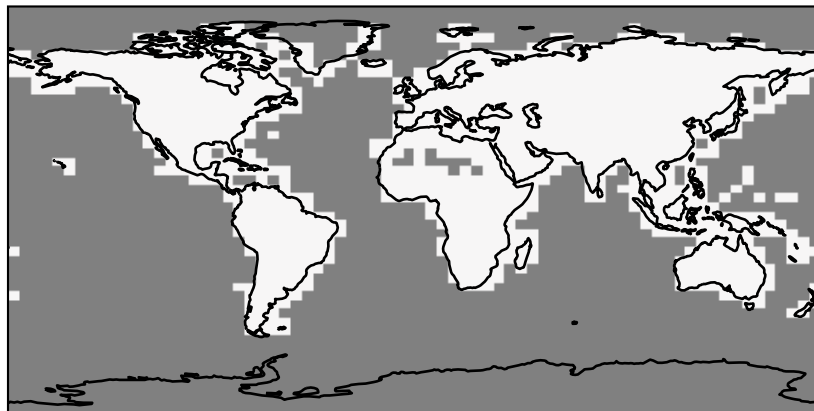
Difference  
Dev - Ref, Dynamic Range



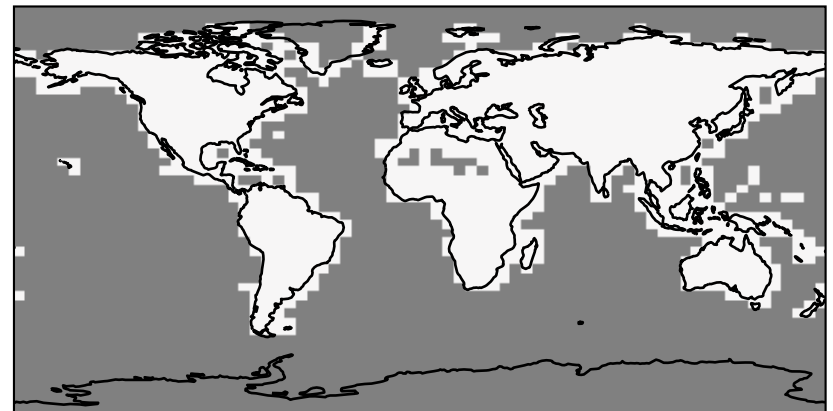
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

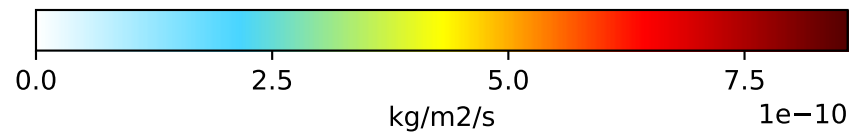
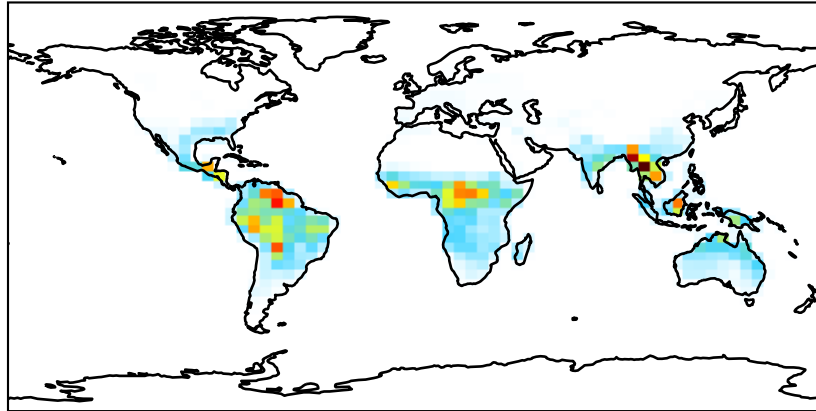


Ratio  
Dev/Ref, Fixed Range

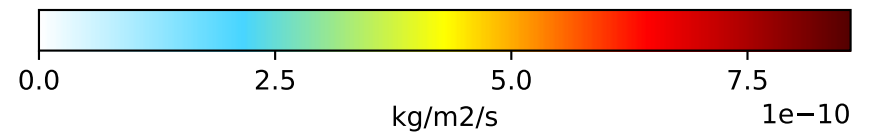
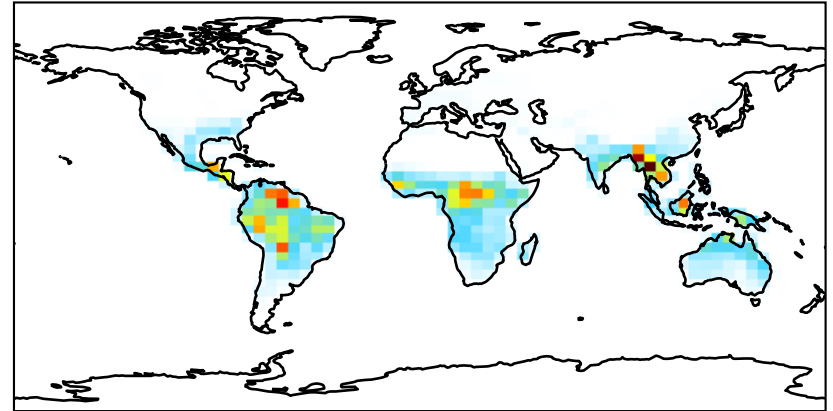


# EmisISOP\_Total (Apr2019)

GCC\_13.4.0-rc.4 (Ref)  
4.0x5.0



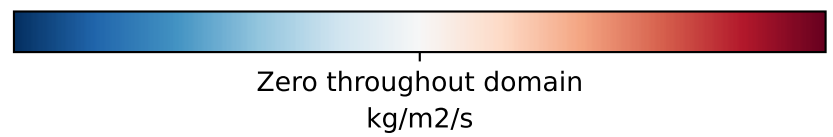
GCC\_14.0.0-rc.3 (Dev)  
4.0x5.0



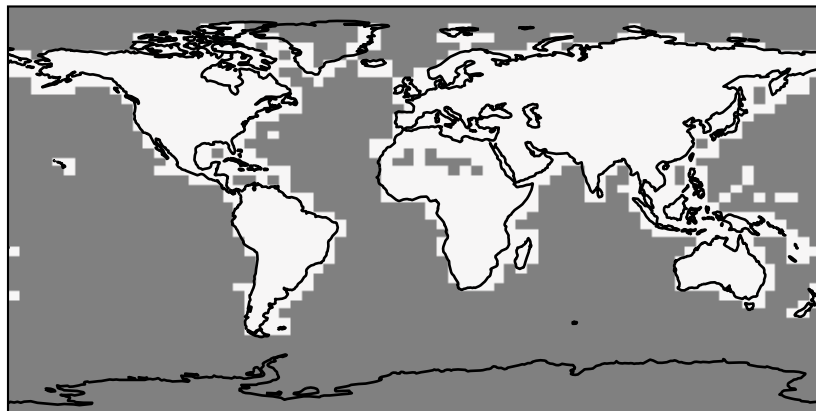
Difference  
Dev - Ref, Dynamic Range



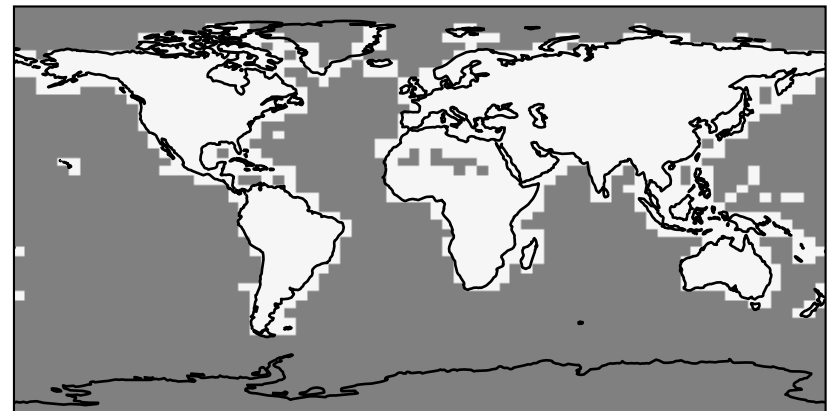
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

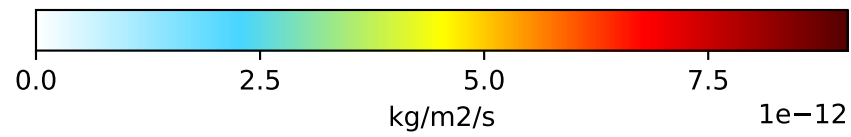
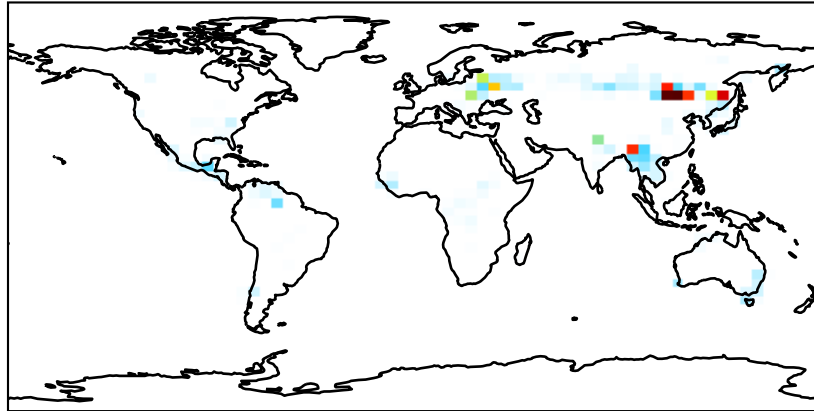


Ratio  
Dev/Ref, Fixed Range

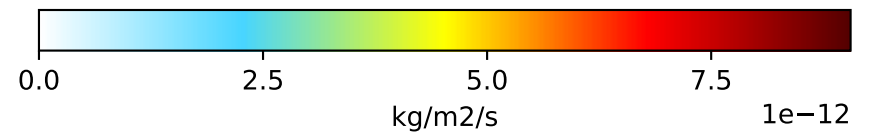
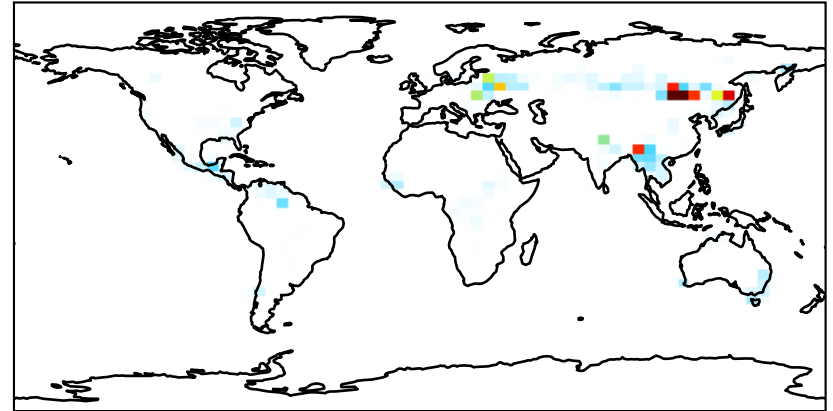


# EmisMTPA\_BioBurn (Apr2019)

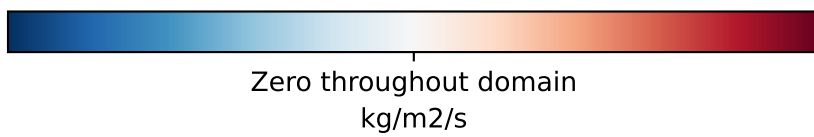
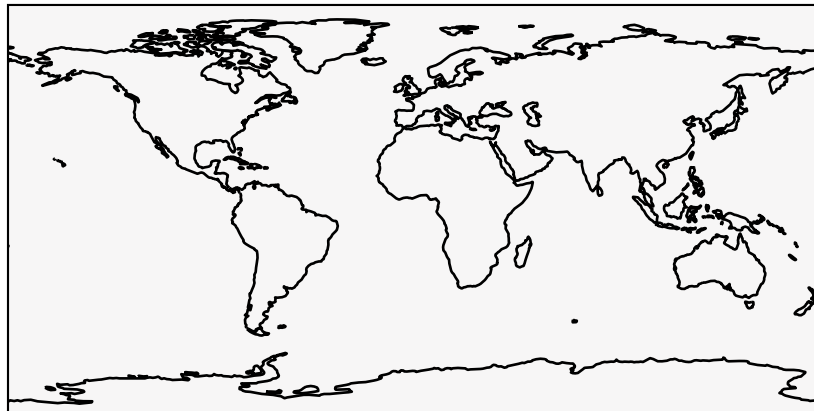
GCC\_13.4.0-rc.4 (Ref)  
4.0x5.0



GCC\_14.0.0-rc.3 (Dev)  
4.0x5.0



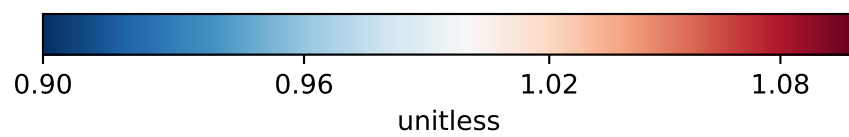
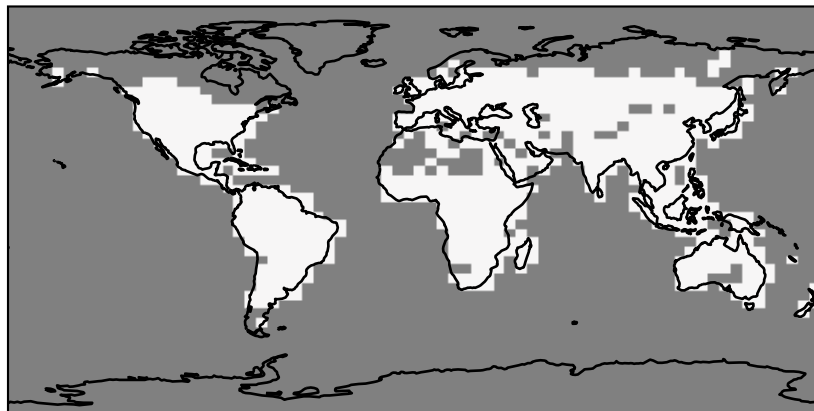
Difference  
Dev - Ref, Dynamic Range



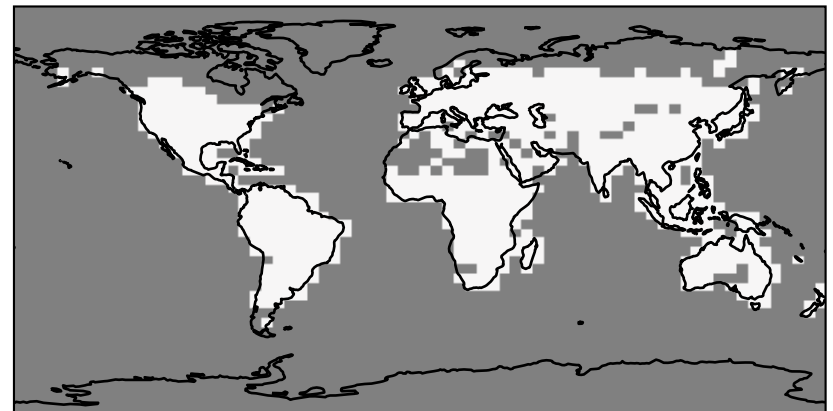
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

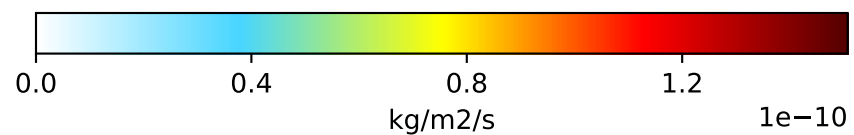
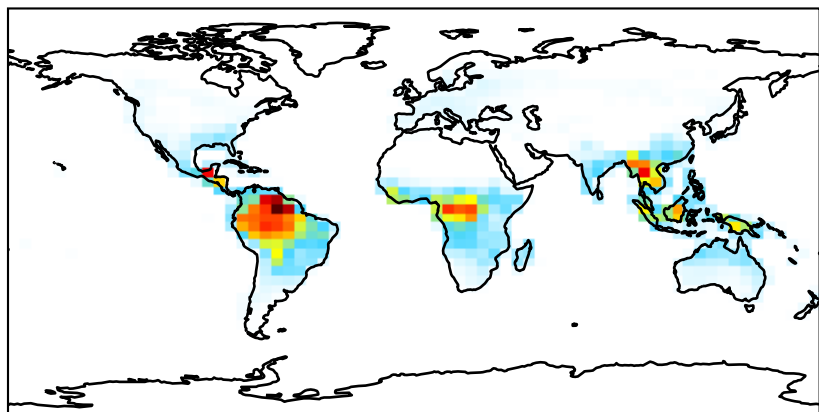


Ratio  
Dev/Ref, Fixed Range

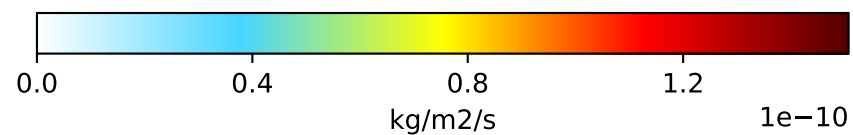
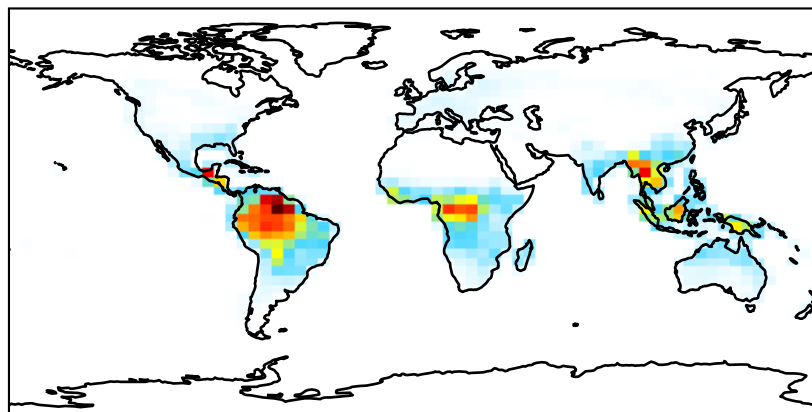


# EmisMTPA\_Biogenic (Apr2019)

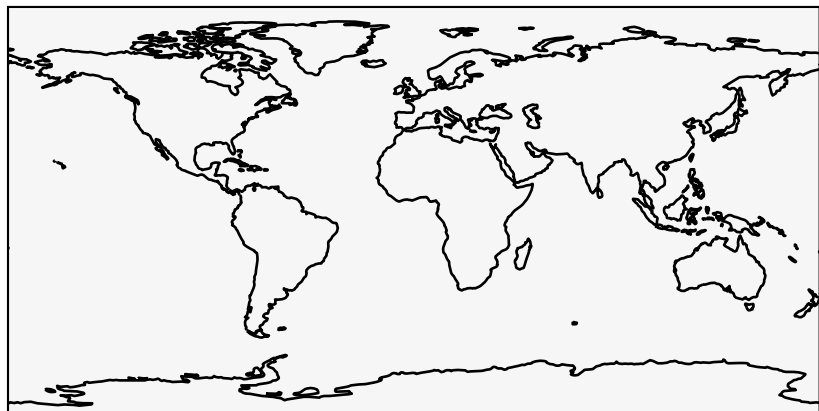
GCC\_13.4.0-rc.4 (Ref)  
4.0x5.0



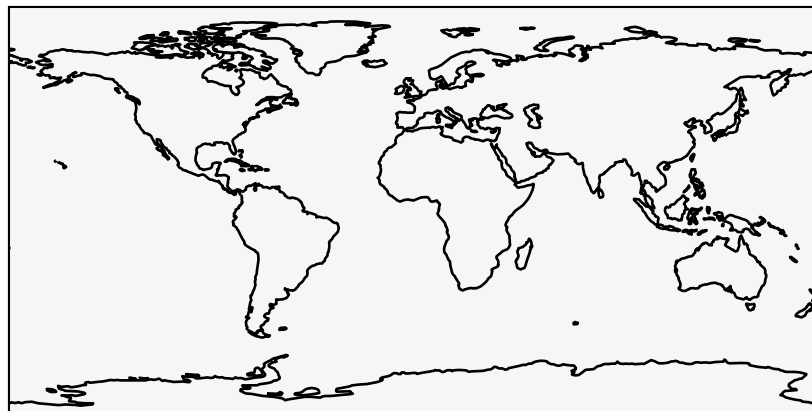
GCC\_14.0.0-rc.3 (Dev)  
4.0x5.0



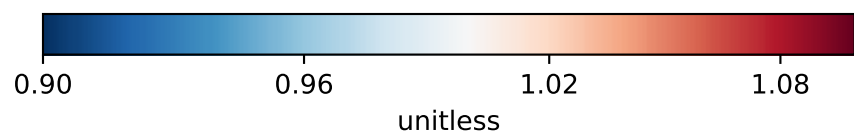
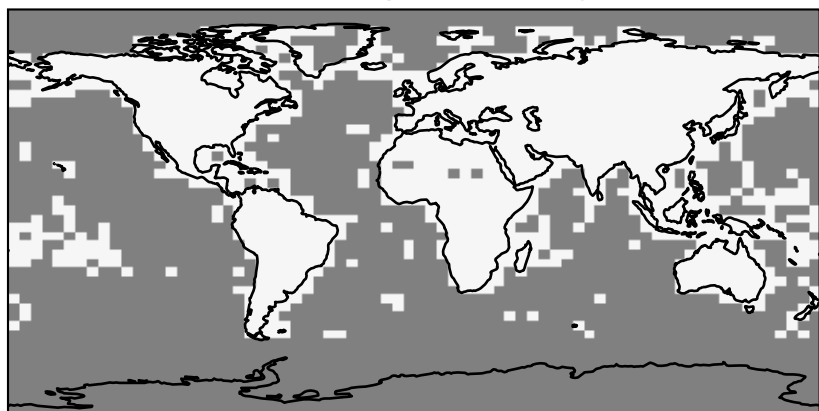
Difference  
Dev - Ref, Dynamic Range



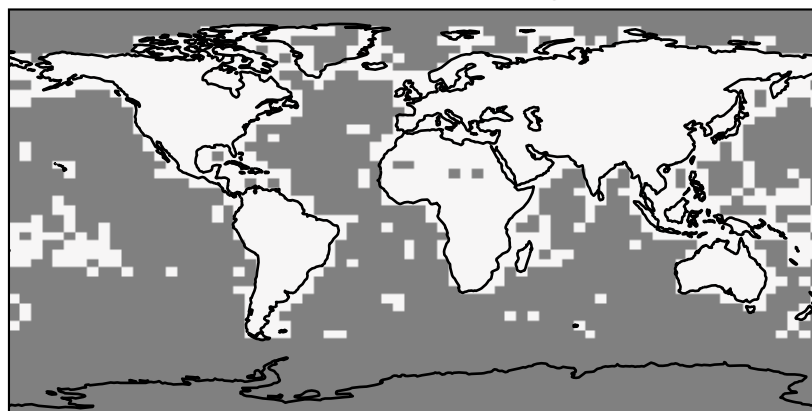
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range



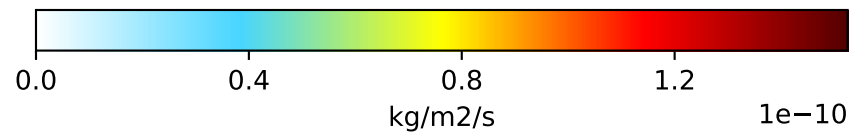
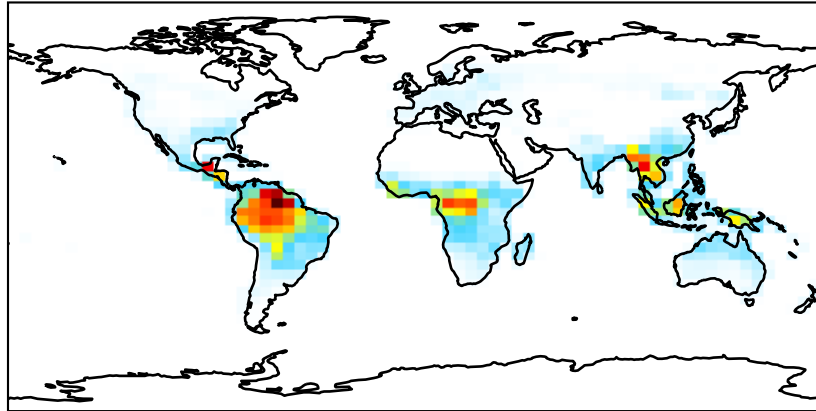
Ratio  
Dev/Ref, Fixed Range



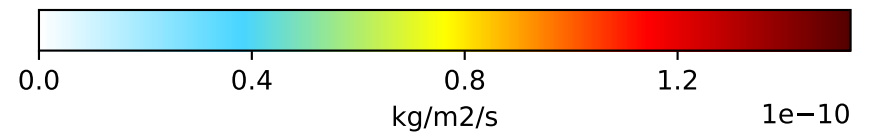
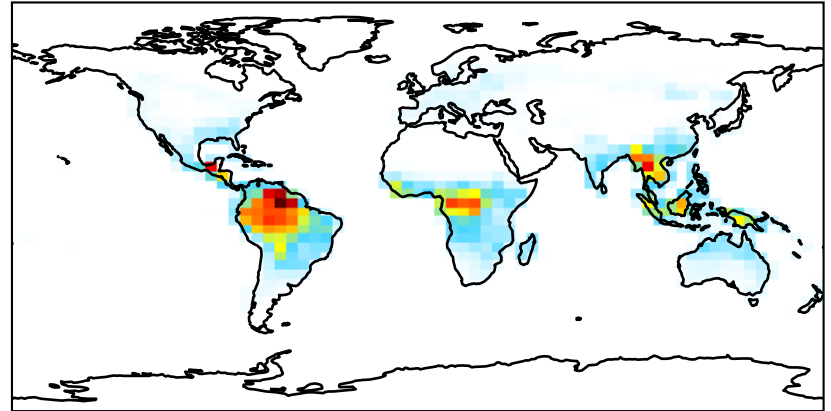


# EmisMTPA\_Total (Apr2019)

GCC\_13.4.0-rc.4 (Ref)  
4.0x5.0



GCC\_14.0.0-rc.3 (Dev)  
4.0x5.0



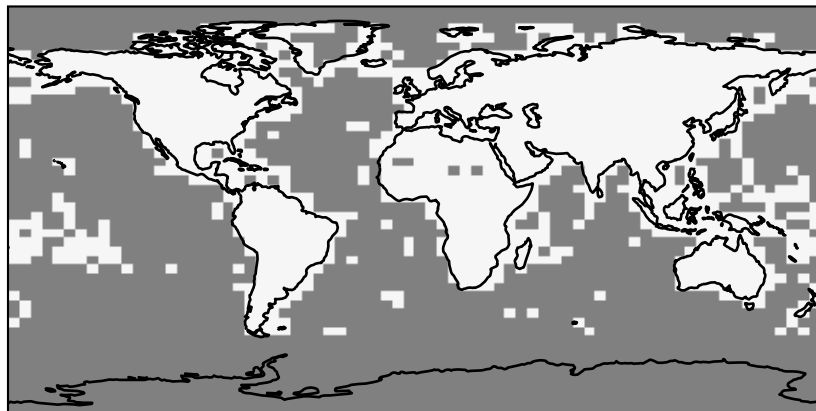
Difference  
Dev - Ref, Dynamic Range



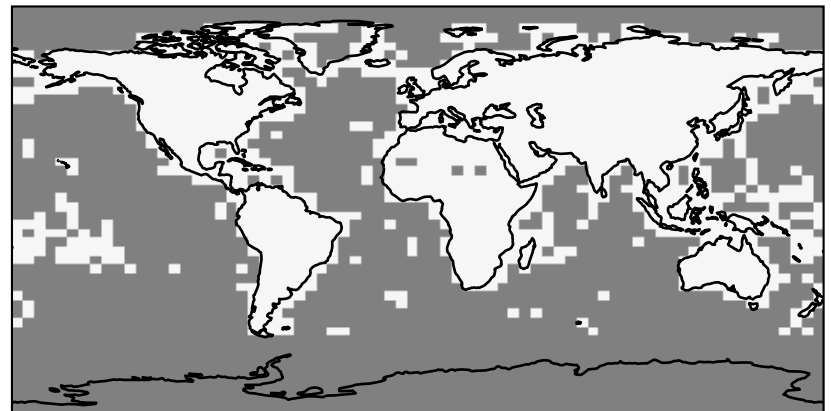
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

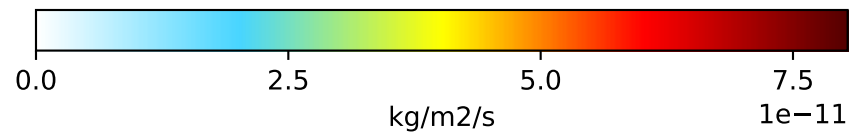
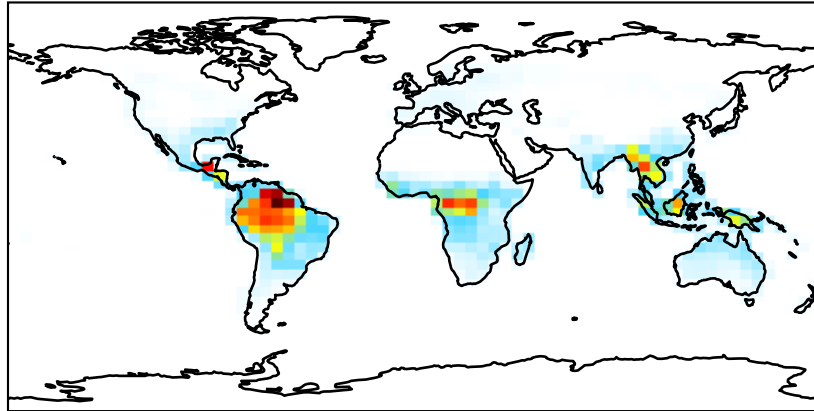


Ratio  
Dev/Ref, Fixed Range

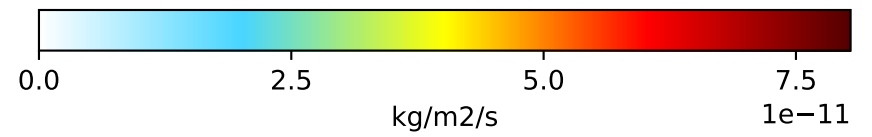
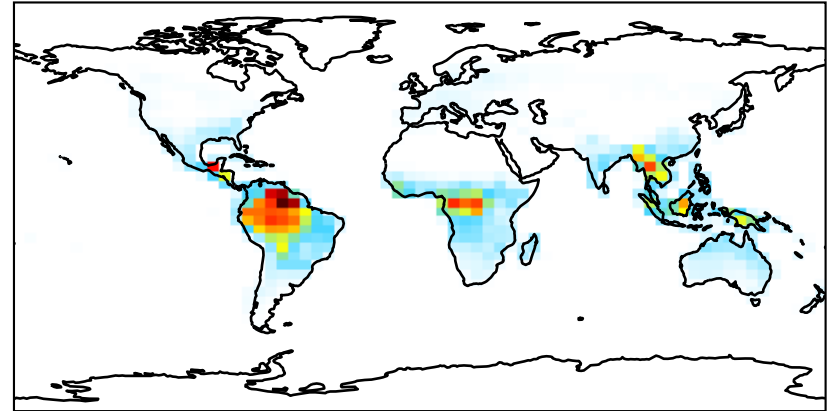


# EmisMTPO\_Biogenic (Apr2019)

GCC\_13.4.0-rc.4 (Ref)  
4.0x5.0



GCC\_14.0.0-rc.3 (Dev)  
4.0x5.0



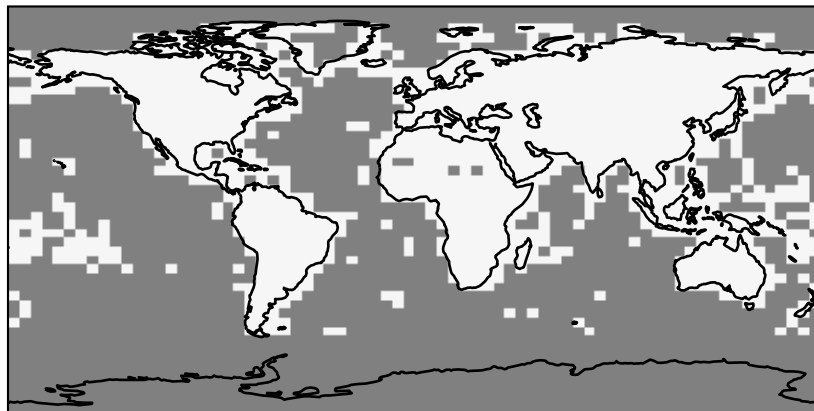
Difference  
Dev - Ref, Dynamic Range



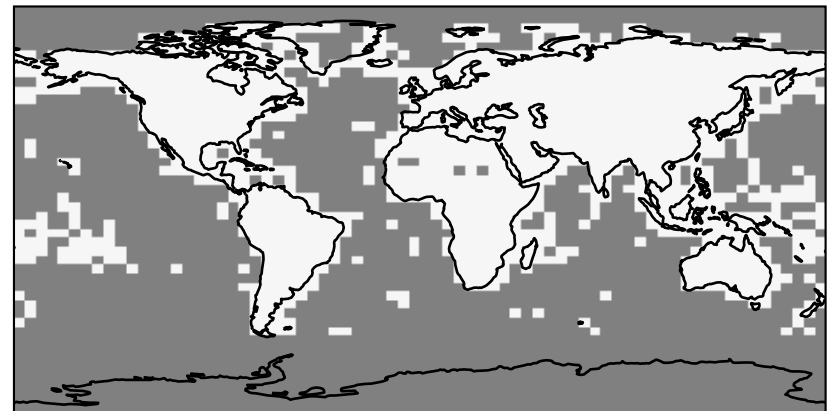
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

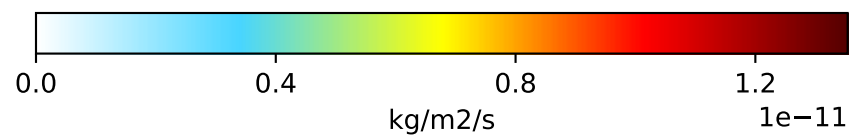
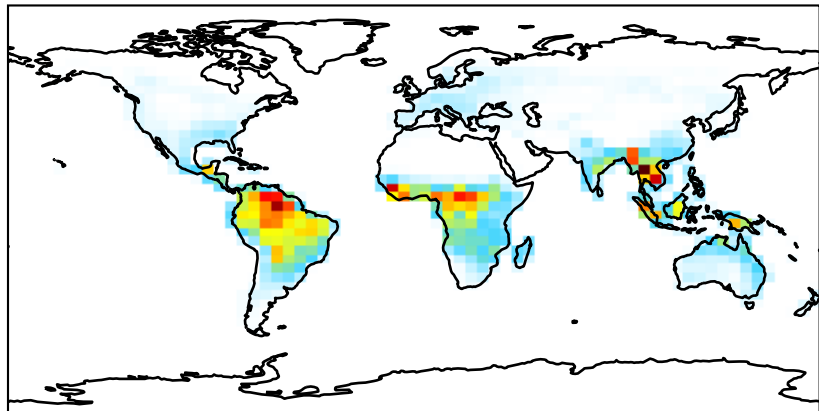


Ratio  
Dev/Ref, Fixed Range

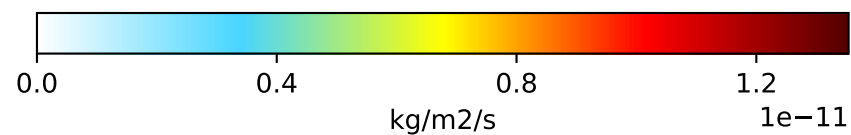
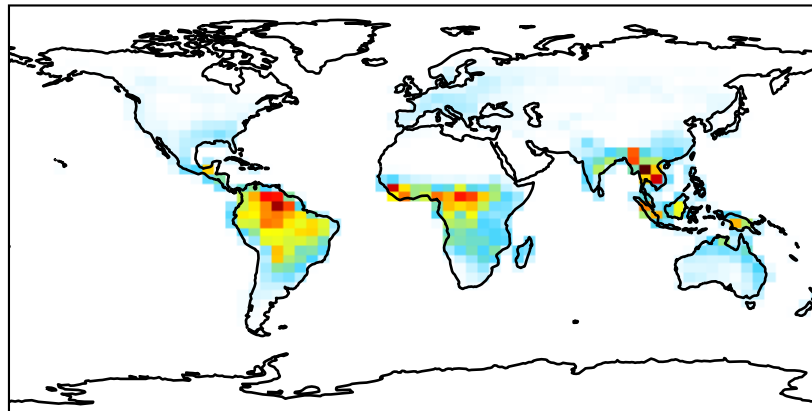


# EmisLIMO\_Biogenic (Apr2019)

GCC\_13.4.0-rc.4 (Ref)  
4.0x5.0



GCC\_14.0.0-rc.3 (Dev)  
4.0x5.0



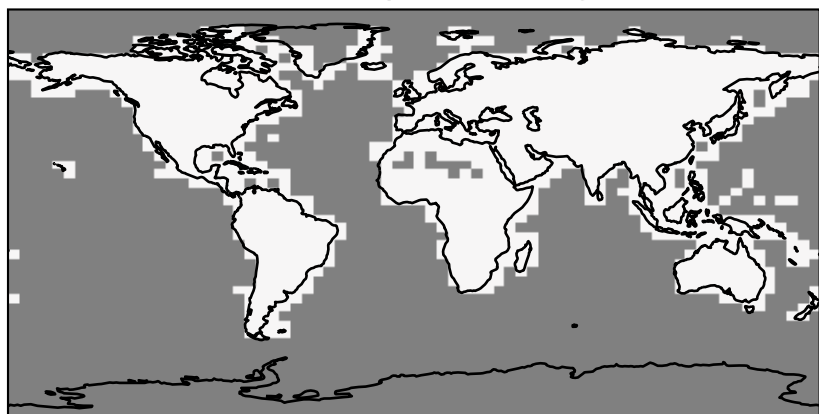
Difference  
Dev - Ref, Dynamic Range



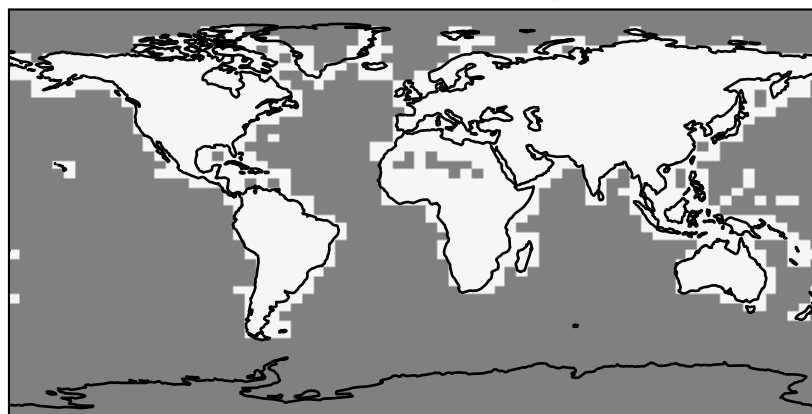
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

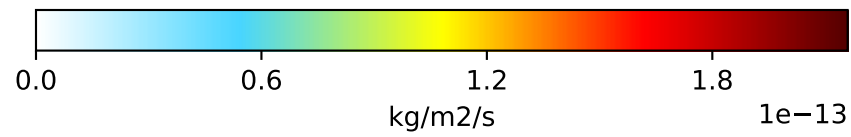
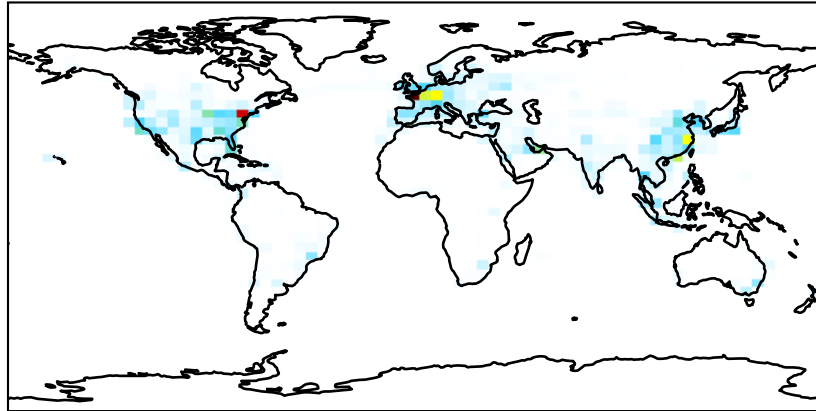


Ratio  
Dev/Ref, Fixed Range

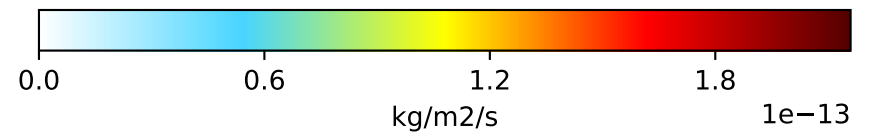
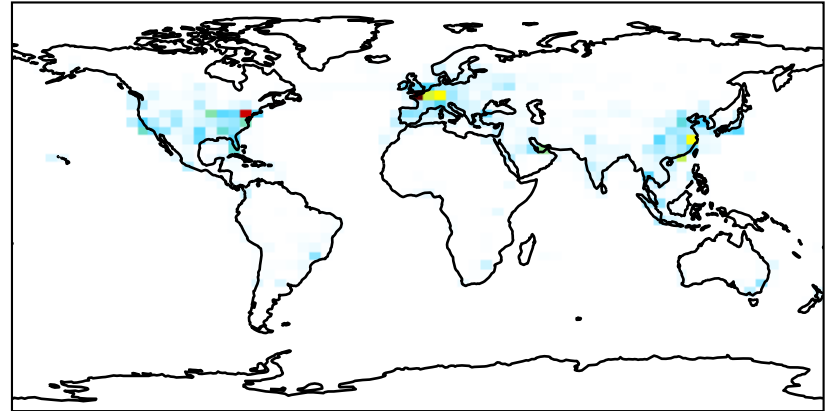


# EmisALK4\_Aircraft (Apr2019)

GCC\_13.4.0-rc.4 (Ref)  
4.0x5.0



GCC\_14.0.0-rc.3 (Dev)  
4.0x5.0



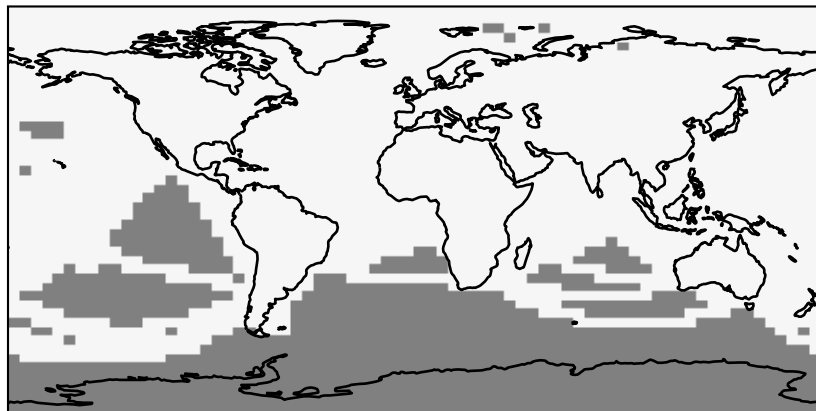
Difference  
Dev - Ref, Dynamic Range



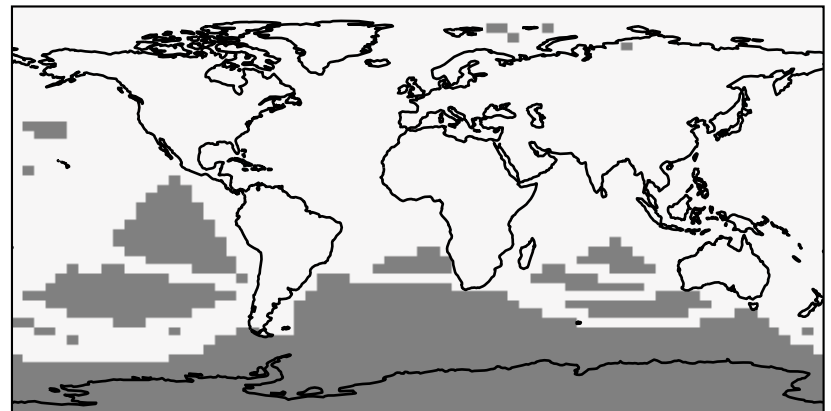
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

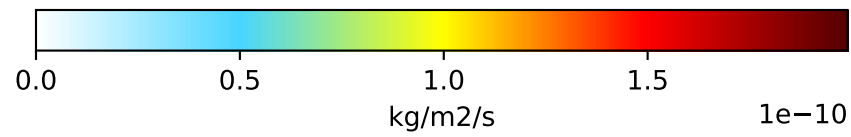
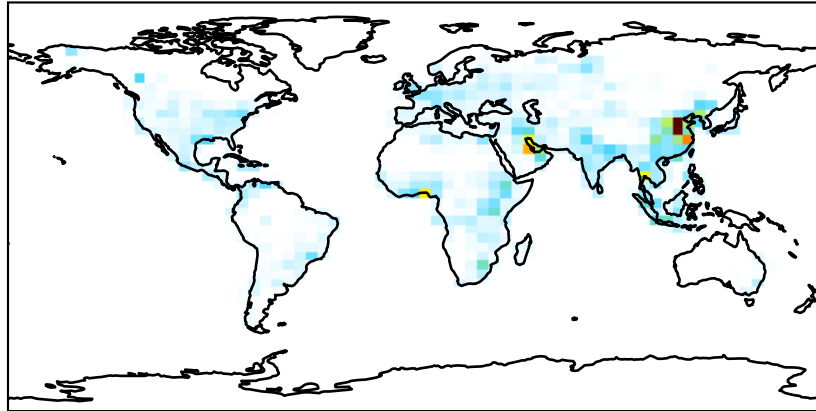


Ratio  
Dev/Ref, Fixed Range

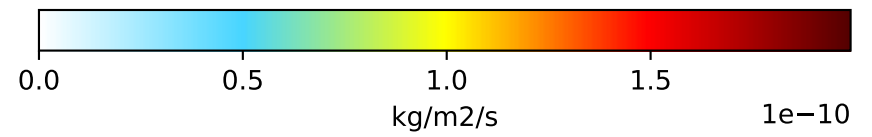
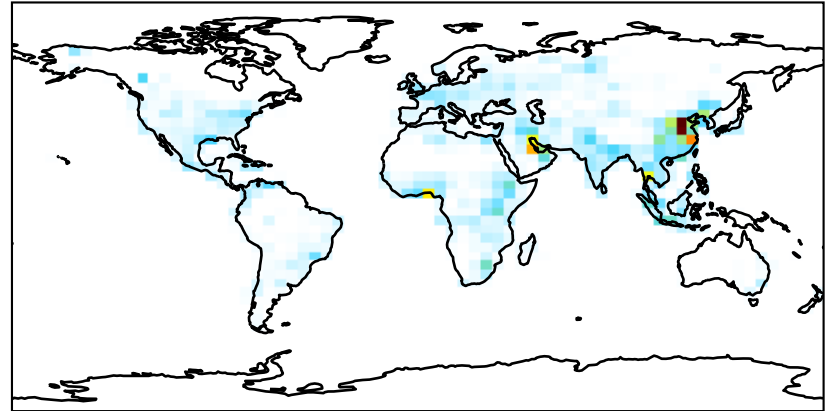


# EmisALK4\_Anthro (Apr2019)

GCC\_13.4.0-rc.4 (Ref)  
4.0x5.0



GCC\_14.0.0-rc.3 (Dev)  
4.0x5.0



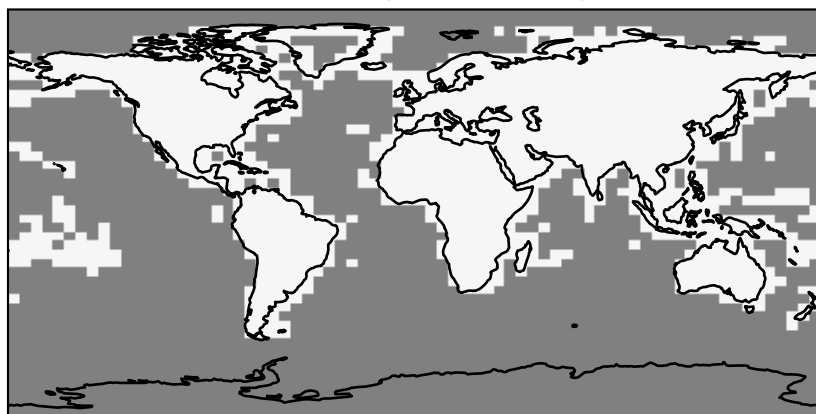
Difference  
Dev - Ref, Dynamic Range



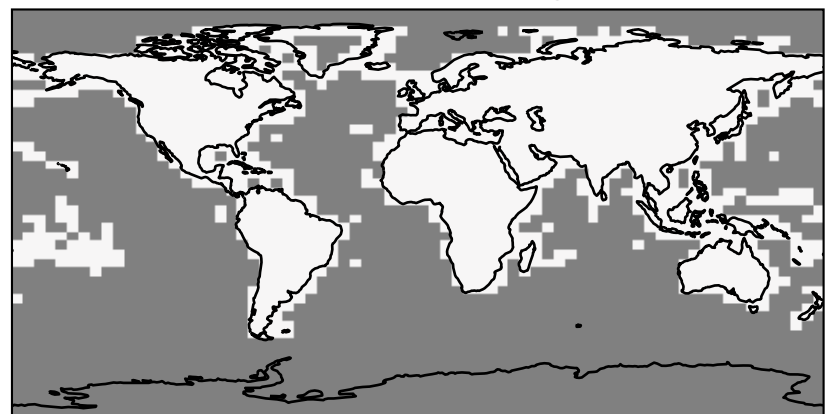
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

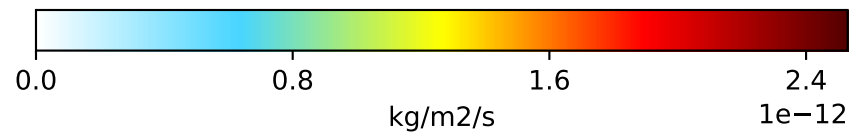
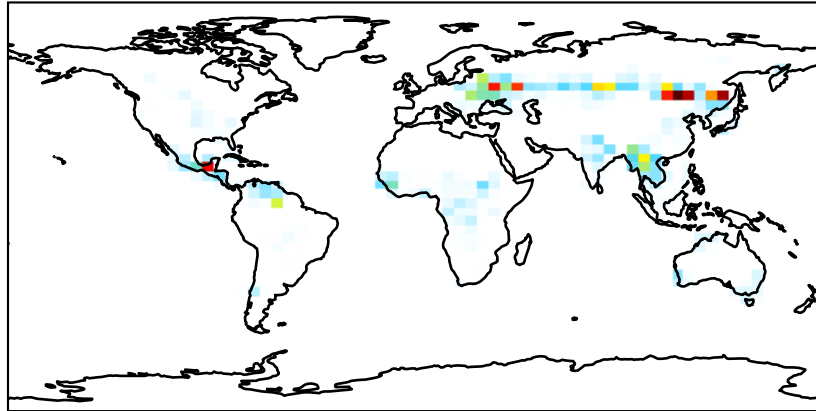


Ratio  
Dev/Ref, Fixed Range

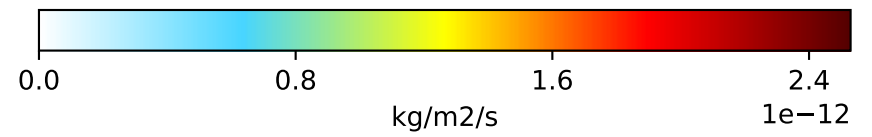
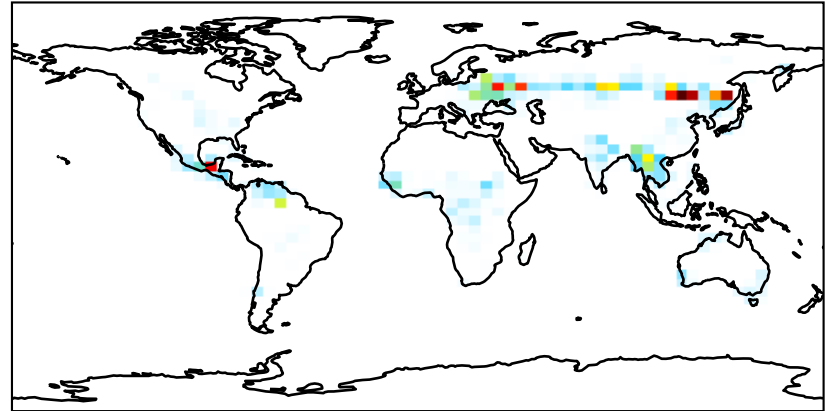


# EmisALK4\_BioBurn (Apr2019)

GCC\_13.4.0-rc.4 (Ref)  
4.0x5.0



GCC\_14.0.0-rc.3 (Dev)  
4.0x5.0



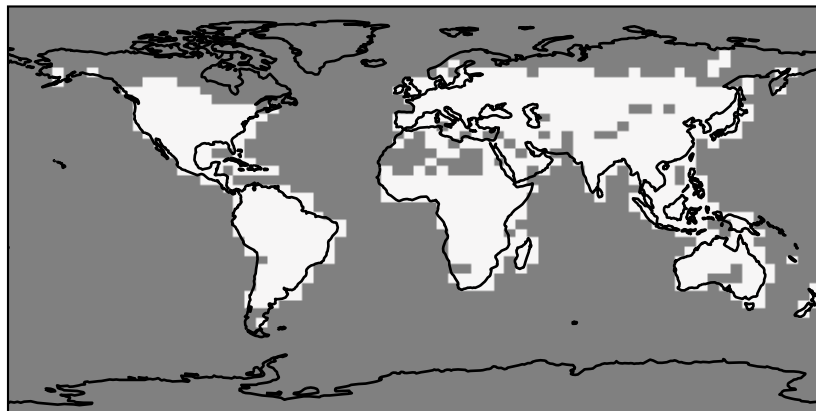
Difference  
Dev - Ref, Dynamic Range



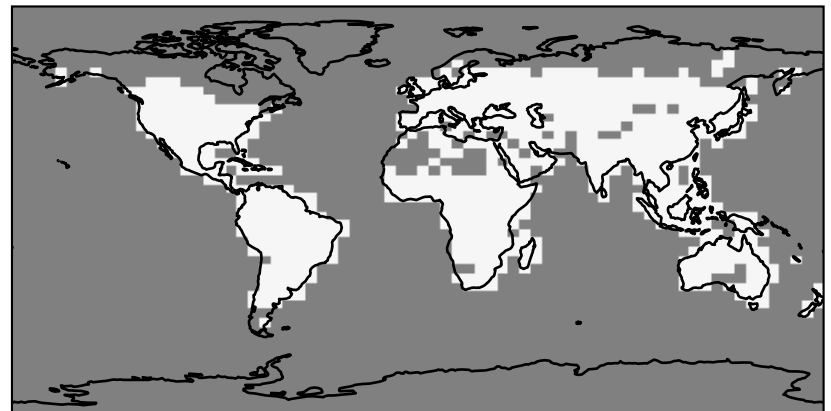
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

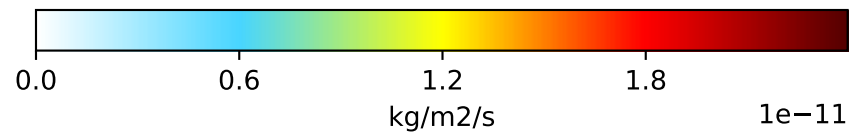


Ratio  
Dev/Ref, Fixed Range

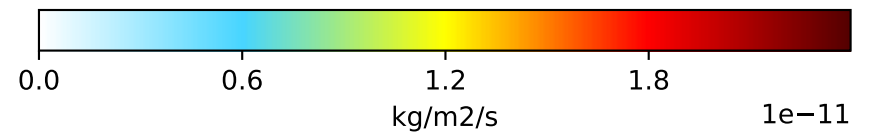
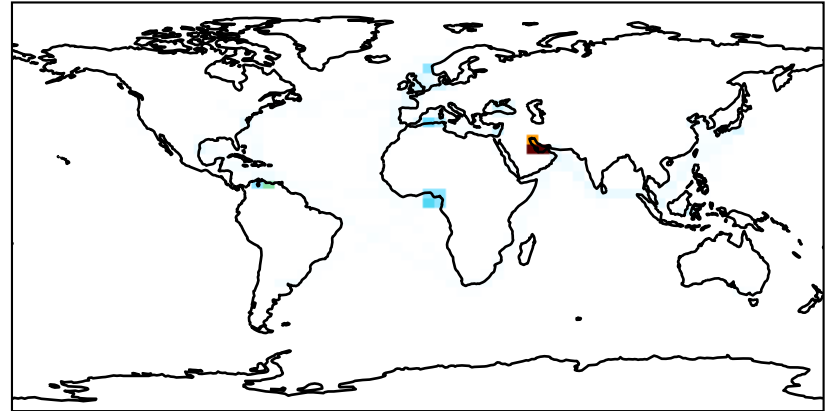


# EmisALK4\_Ship (Apr2019)

GCC\_13.4.0-rc.4 (Ref)  
4.0x5.0



GCC\_14.0.0-rc.3 (Dev)  
4.0x5.0



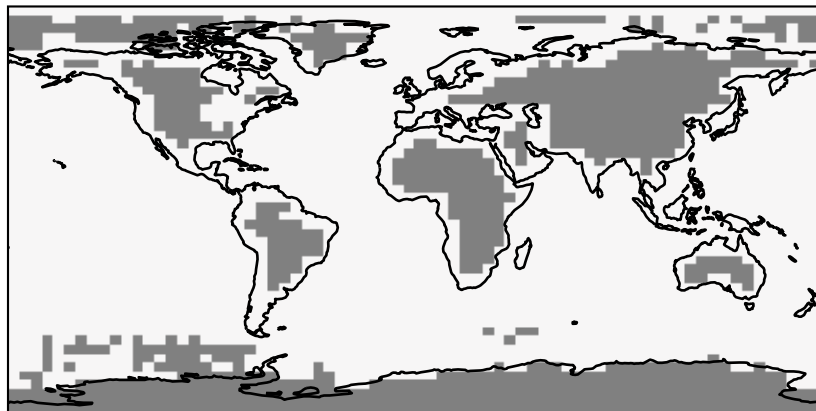
Difference  
Dev - Ref, Dynamic Range



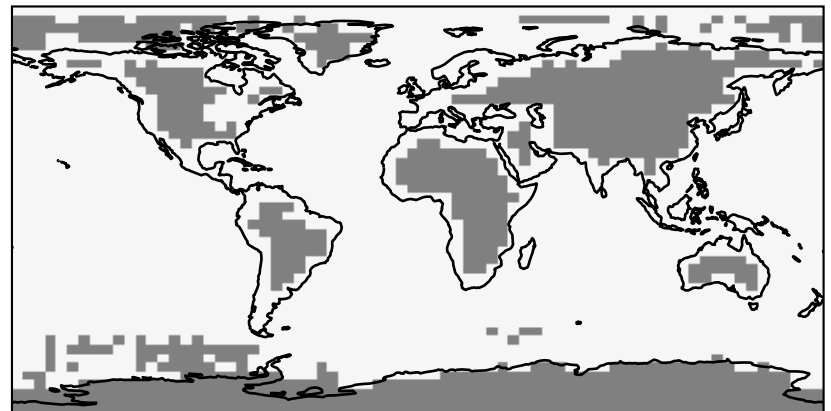
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

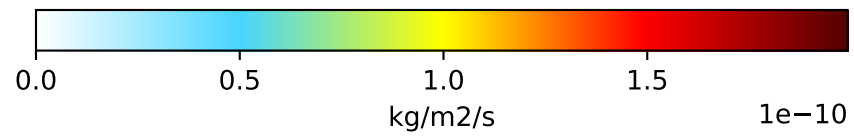
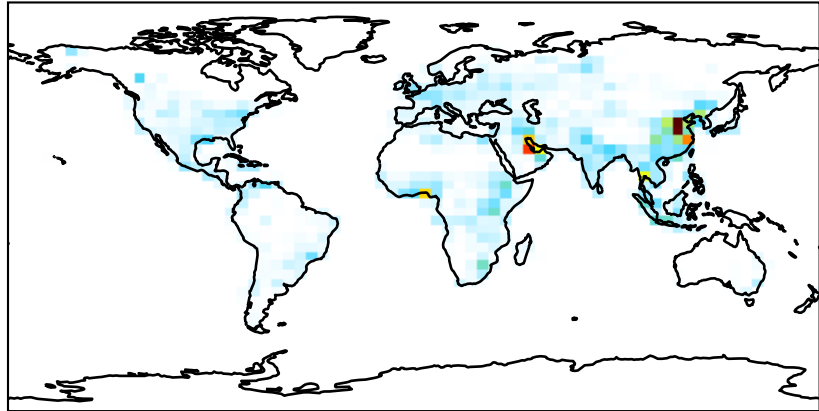


Ratio  
Dev/Ref, Fixed Range

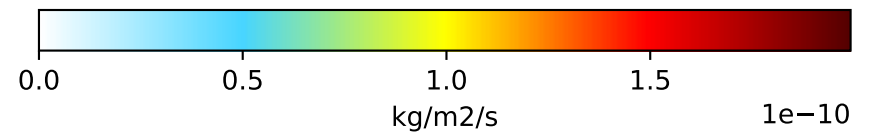
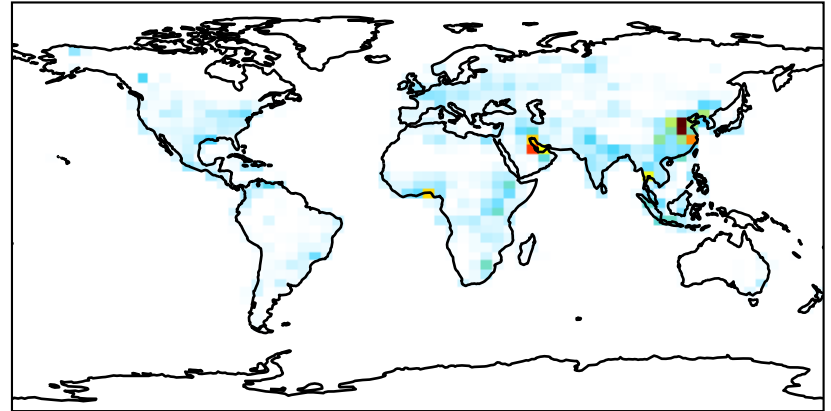


# EmisALK4\_Total (Apr2019)

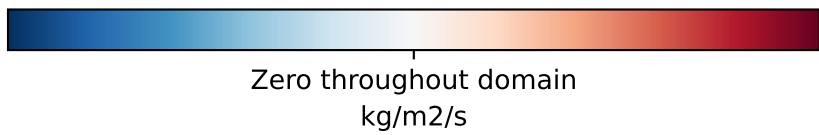
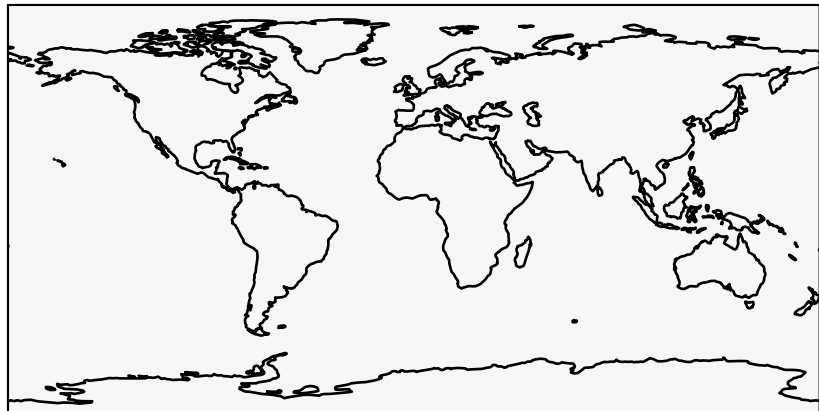
GCC\_13.4.0-rc.4 (Ref)  
4.0x5.0



GCC\_14.0.0-rc.3 (Dev)  
4.0x5.0



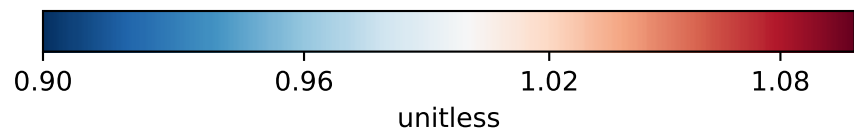
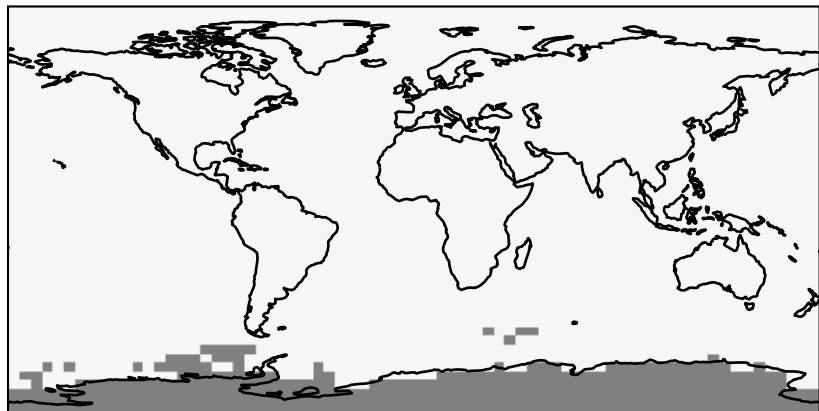
Difference  
Dev - Ref, Dynamic Range



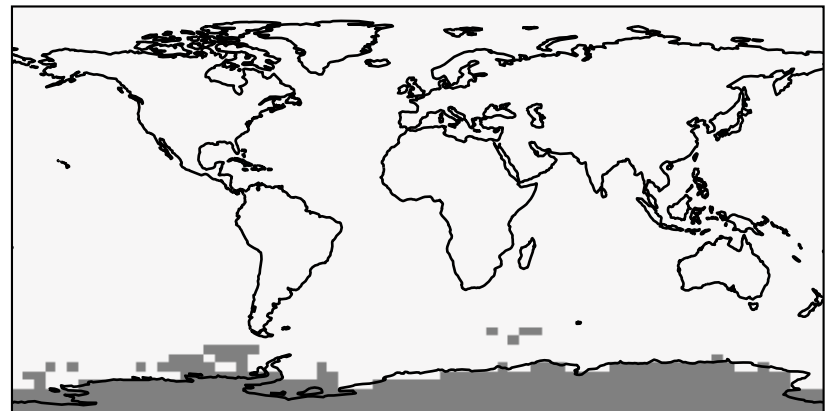
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range



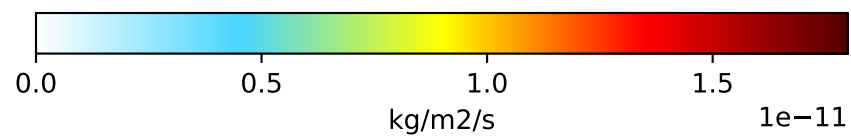
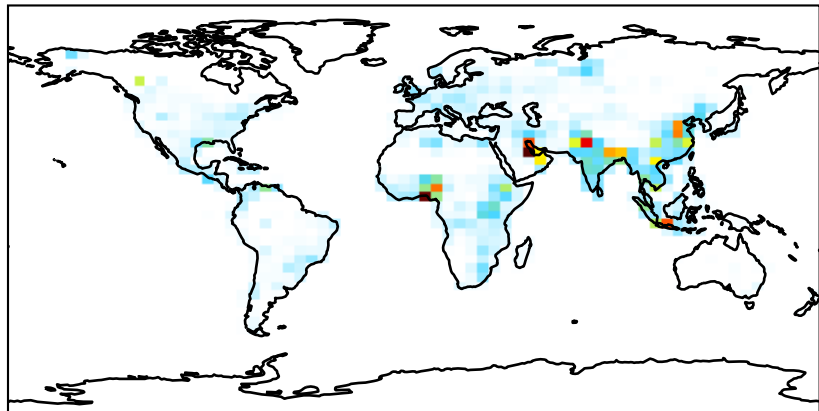
Ratio  
Dev/Ref, Fixed Range



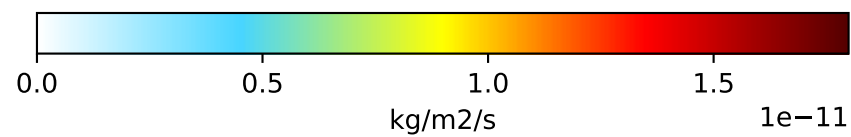
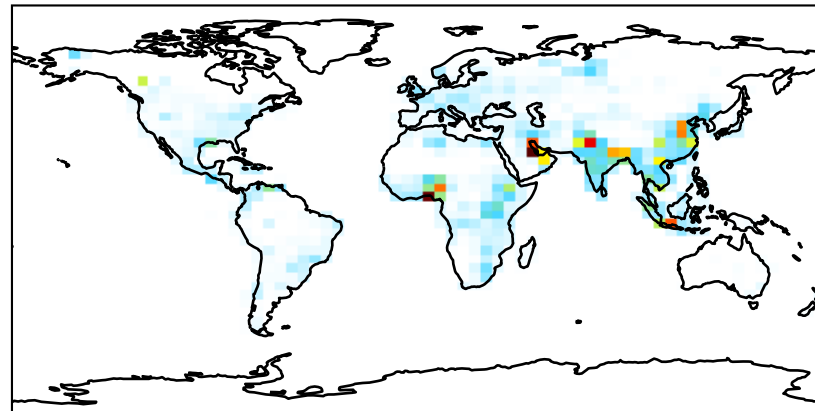


# EmisBENZ\_Anthro (Apr2019)

GCC\_13.4.0-rc.4 (Ref)  
4.0x5.0



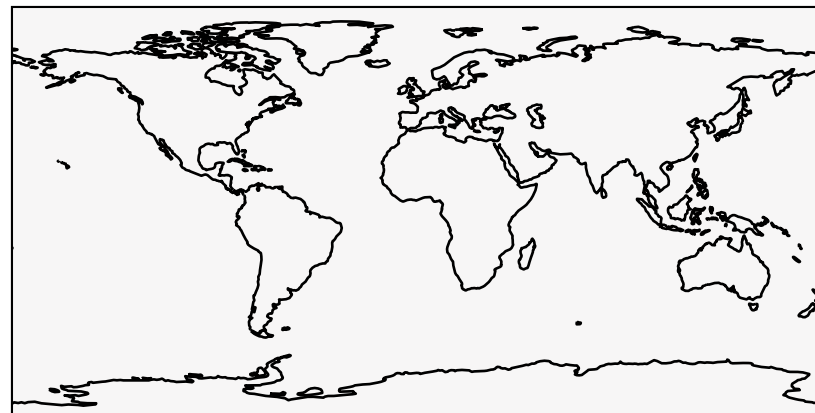
GCC\_14.0.0-rc.3 (Dev)  
4.0x5.0



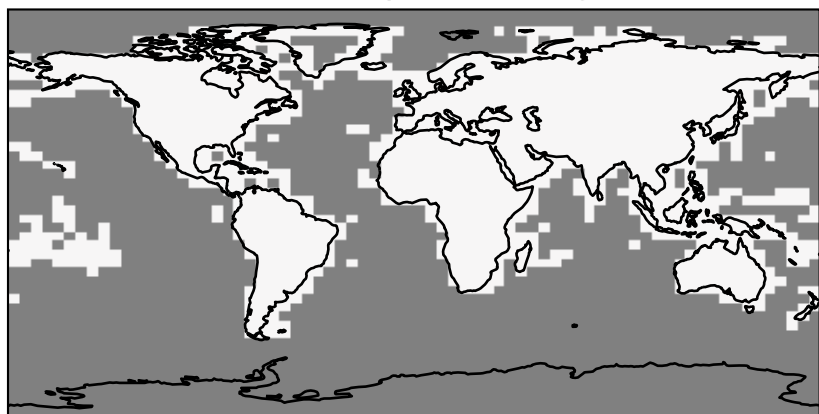
Difference  
Dev - Ref, Dynamic Range



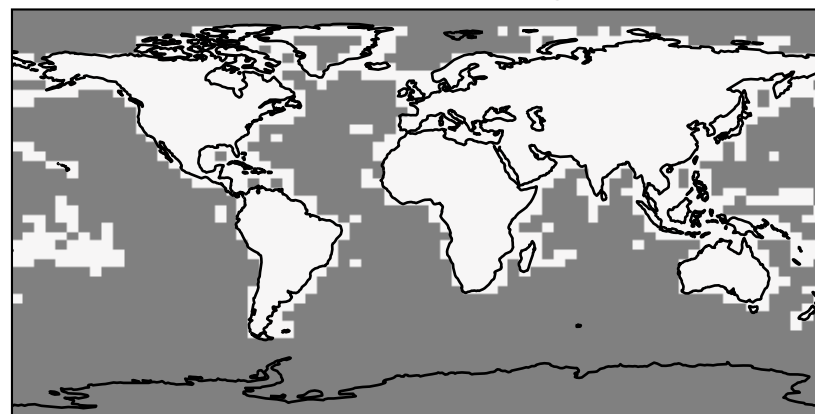
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

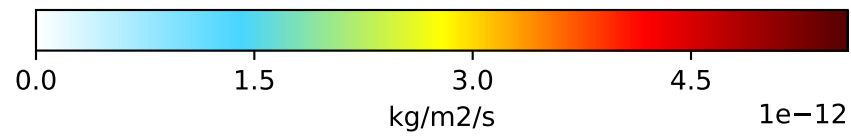
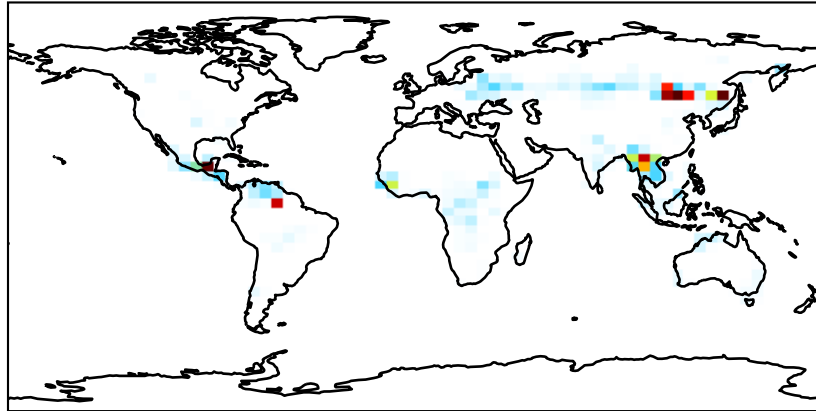


Ratio  
Dev/Ref, Fixed Range

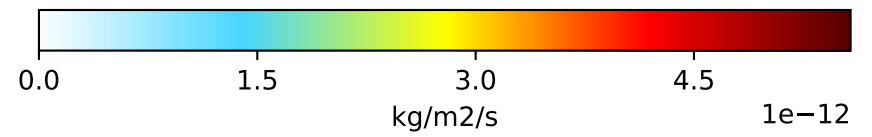
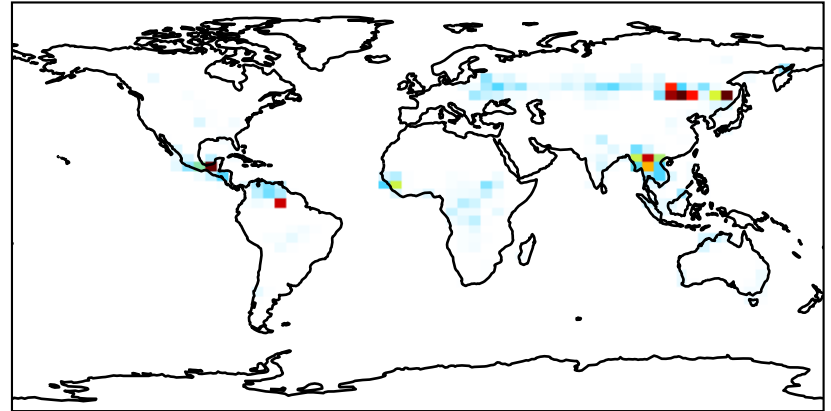


# EmisBENZ\_BioBurn (Apr2019)

GCC\_13.4.0-rc.4 (Ref)  
4.0x5.0



GCC\_14.0.0-rc.3 (Dev)  
4.0x5.0



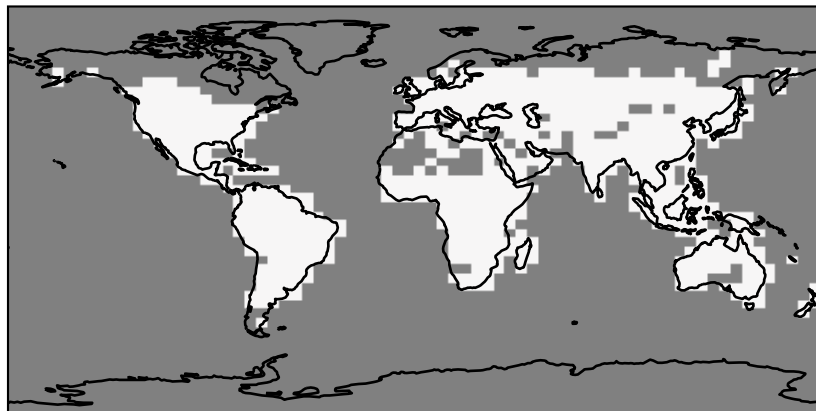
Difference  
Dev - Ref, Dynamic Range



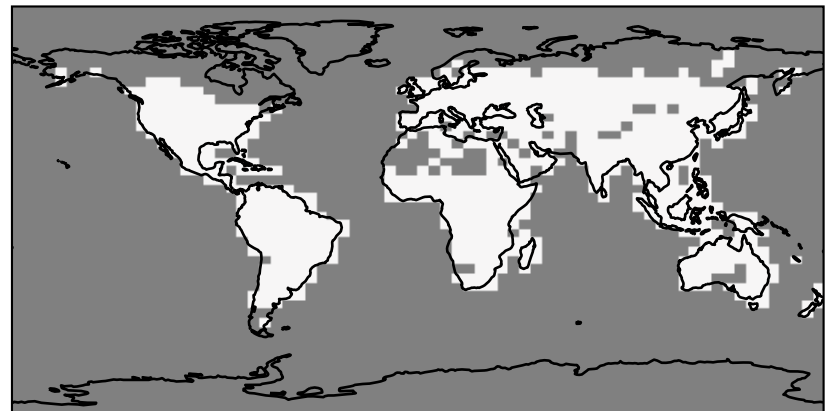
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

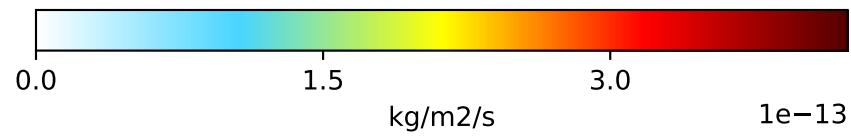
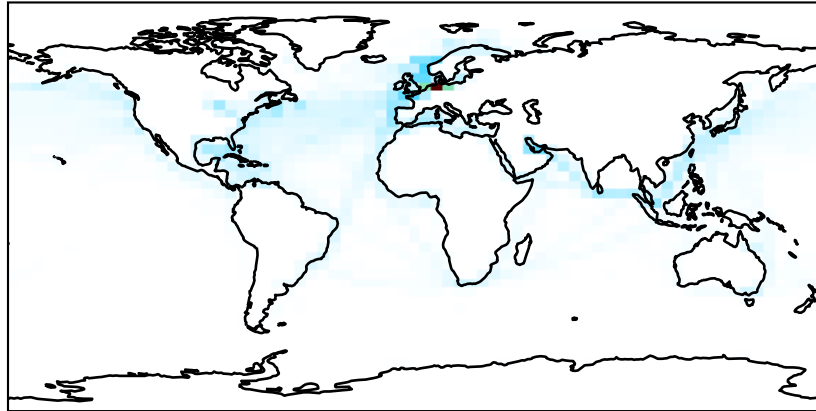


Ratio  
Dev/Ref, Fixed Range

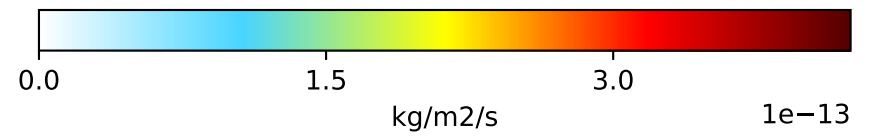
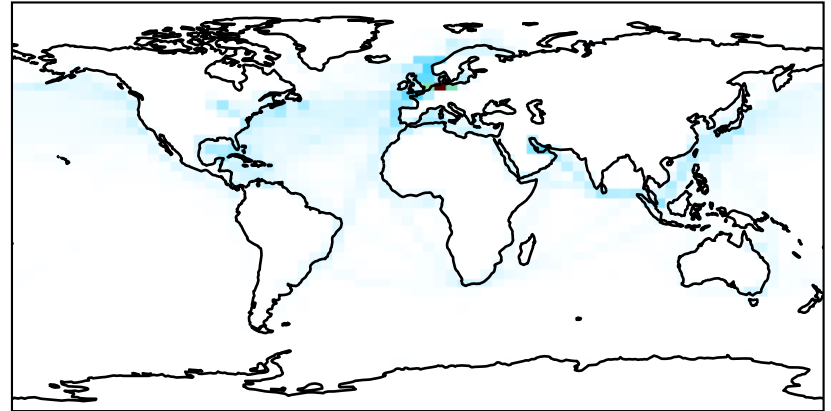


# EmisBENZ\_Ship (Apr2019)

GCC\_13.4.0-rc.4 (Ref)  
4.0x5.0



GCC\_14.0.0-rc.3 (Dev)  
4.0x5.0



Difference  
Dev - Ref, Dynamic Range



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



Ratio  
Dev/Ref, Dynamic Range

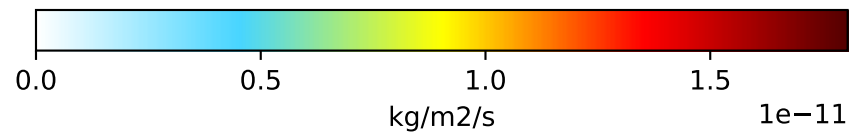
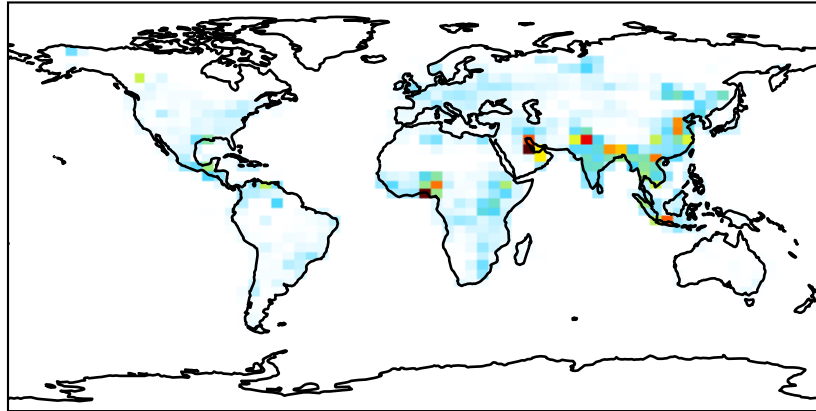


Ratio  
Dev/Ref, Fixed Range

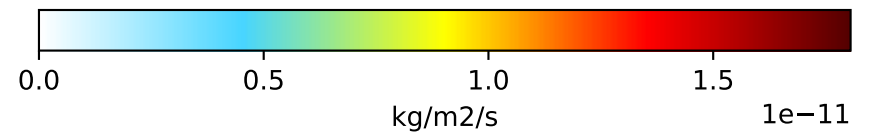
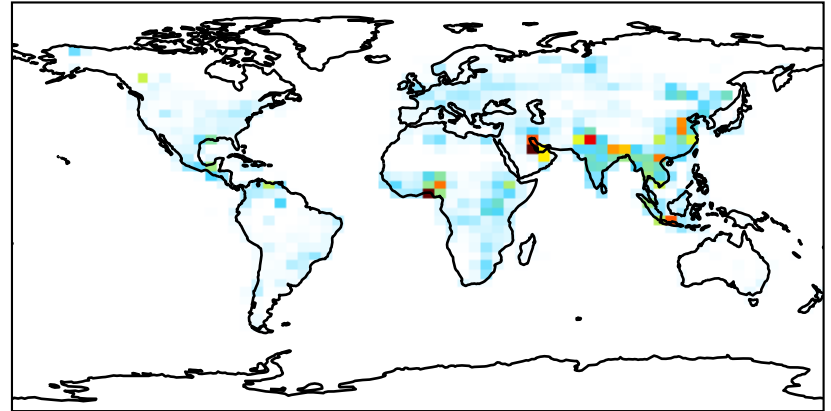


# EmisBENZ\_Total (Apr2019)

GCC\_13.4.0-rc.4 (Ref)  
4.0x5.0



GCC\_14.0.0-rc.3 (Dev)  
4.0x5.0



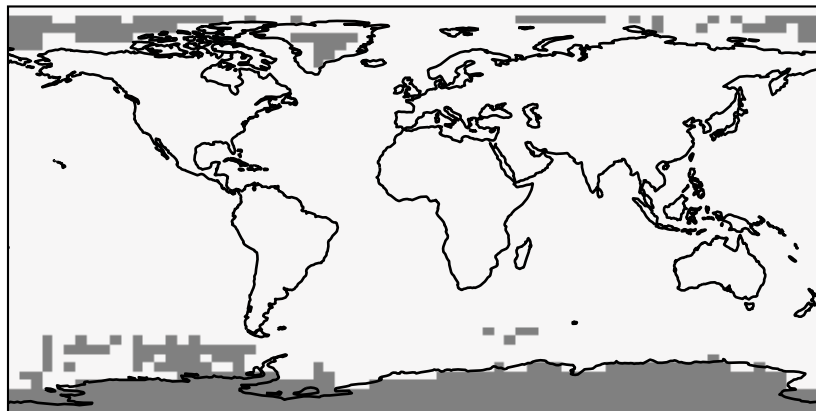
Difference  
Dev - Ref, Dynamic Range



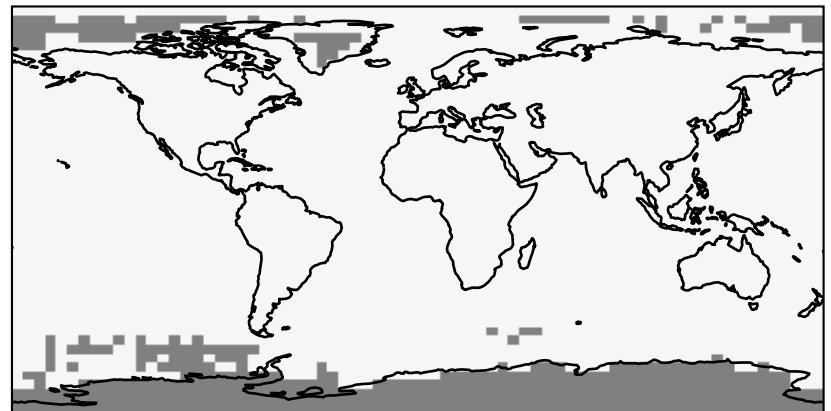
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

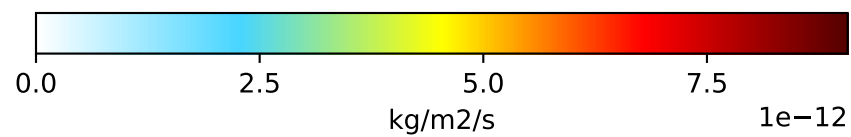
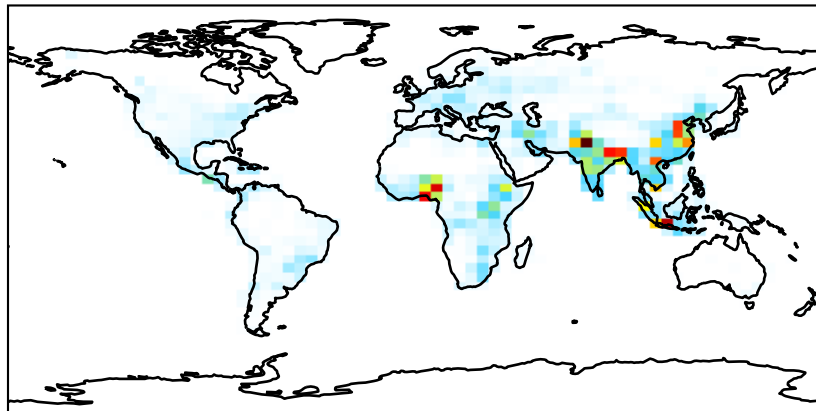


Ratio  
Dev/Ref, Fixed Range

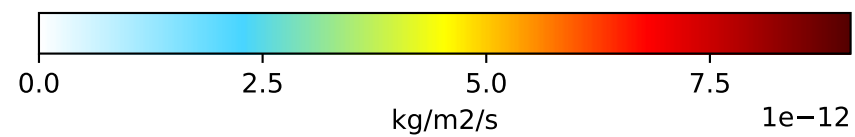
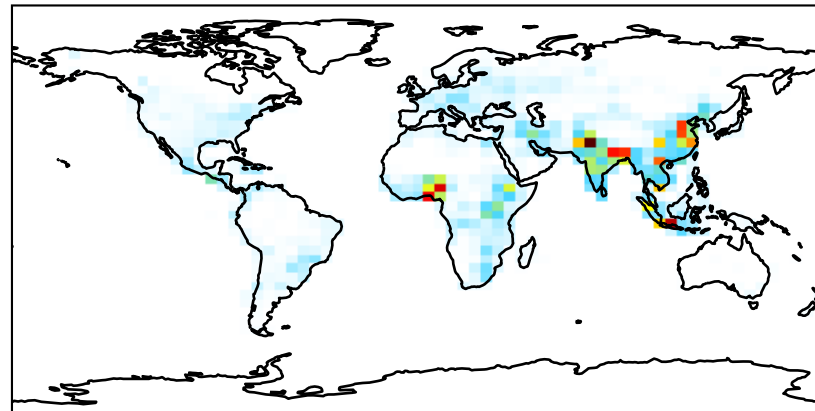


# EmisC2H2\_Anthro (Apr2019)

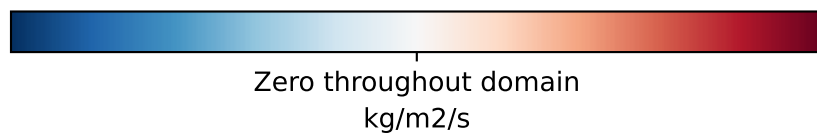
GCC\_13.4.0-rc.4 (Ref)  
4.0x5.0



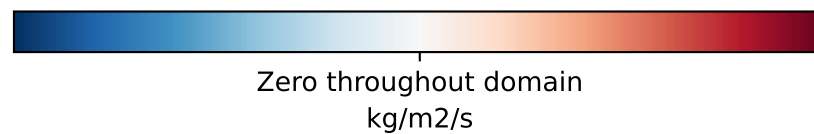
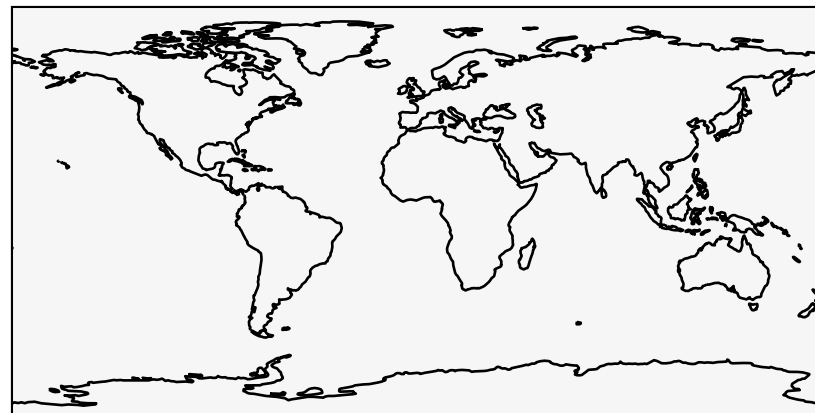
GCC\_14.0.0-rc.3 (Dev)  
4.0x5.0



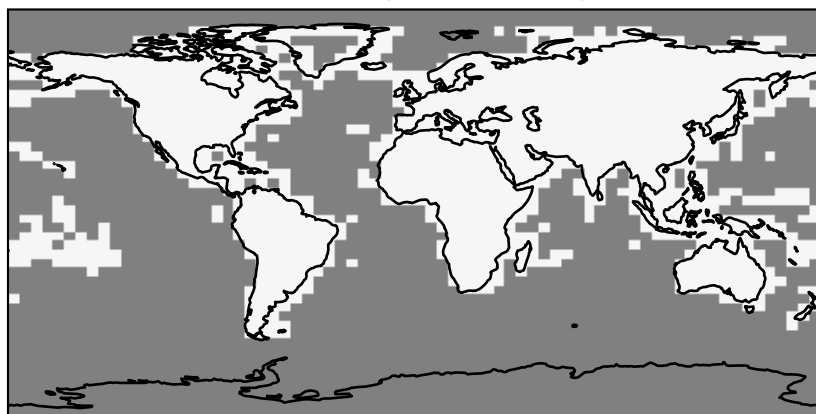
Difference  
Dev - Ref, Dynamic Range



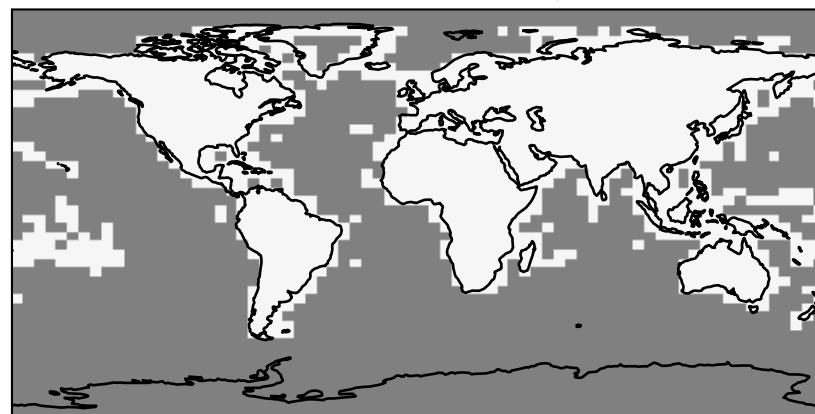
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

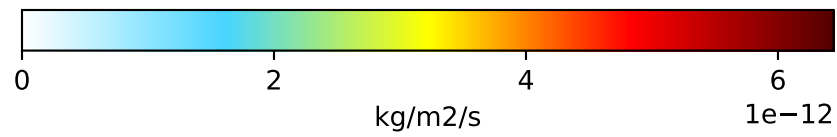
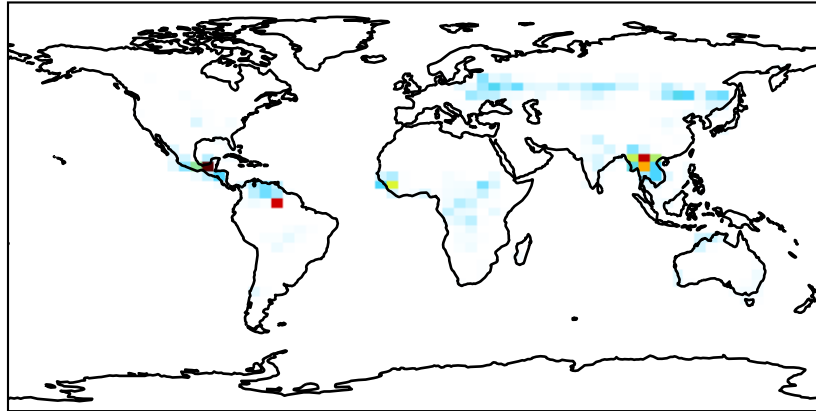


Ratio  
Dev/Ref, Fixed Range

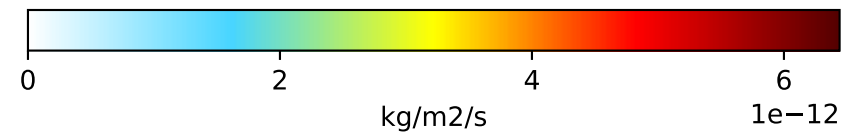
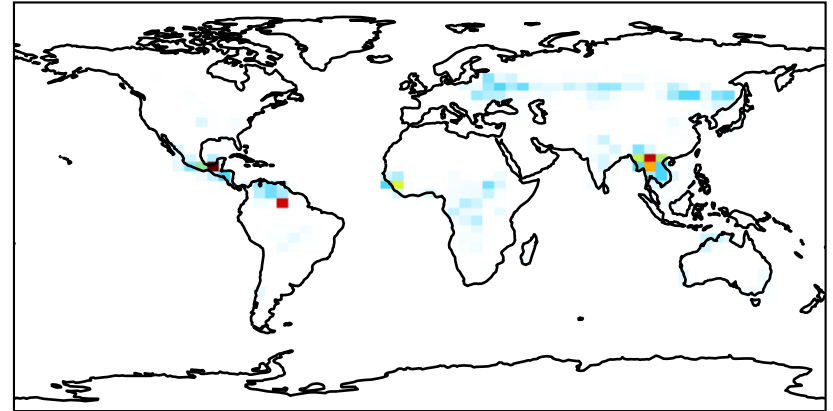


# EmisC2H2\_BioBurn (Apr2019)

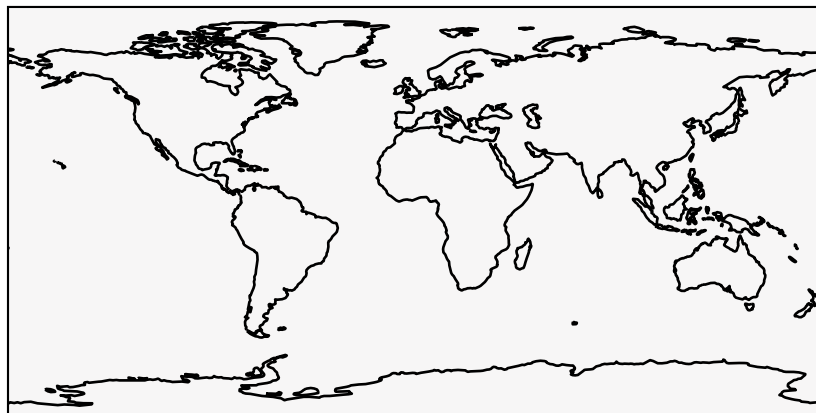
GCC\_13.4.0-rc.4 (Ref)  
4.0x5.0



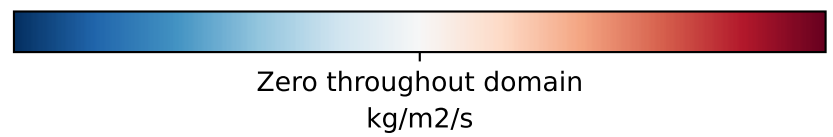
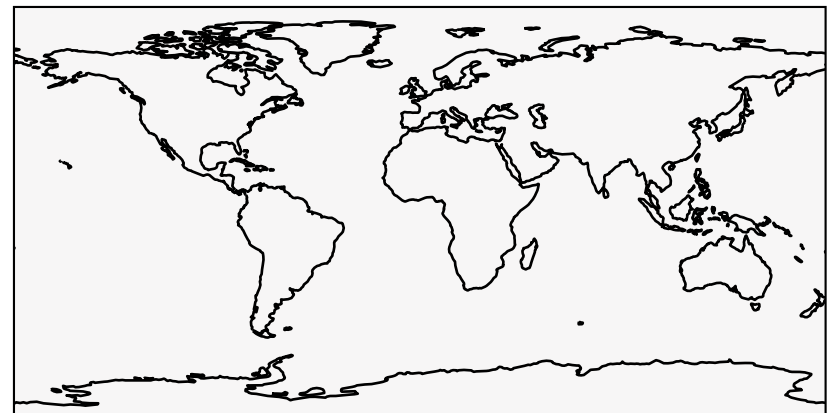
GCC\_14.0.0-rc.3 (Dev)  
4.0x5.0



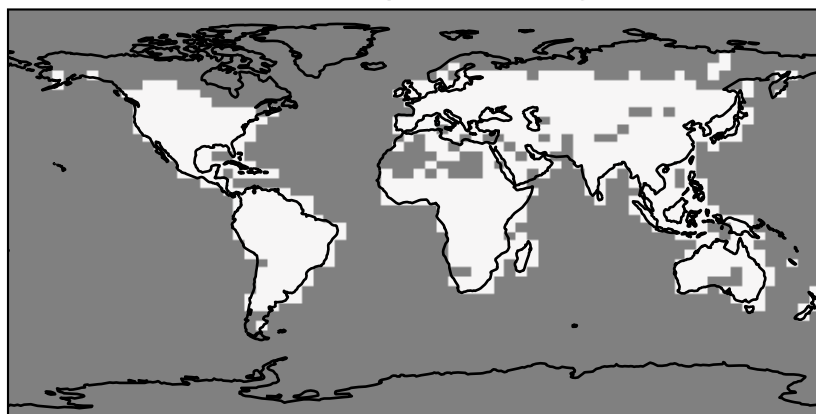
Difference  
Dev - Ref, Dynamic Range



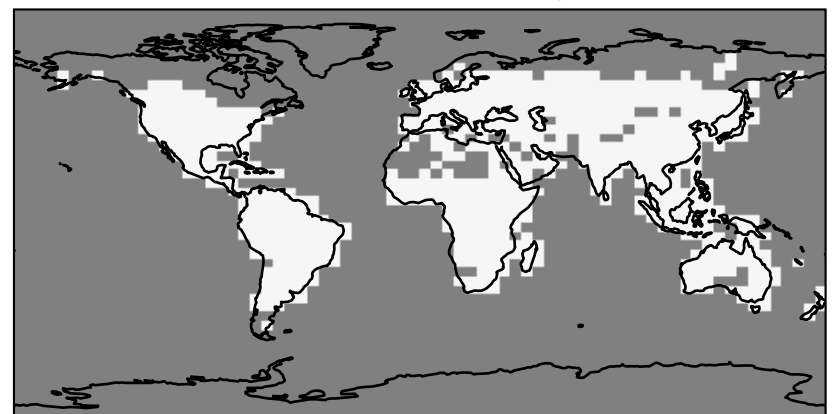
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

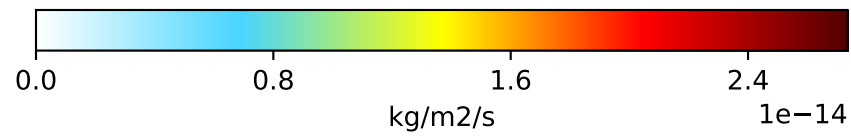
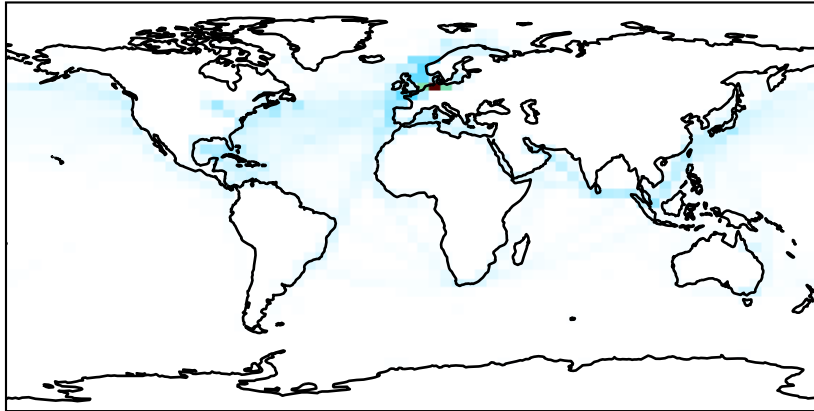


Ratio  
Dev/Ref, Fixed Range

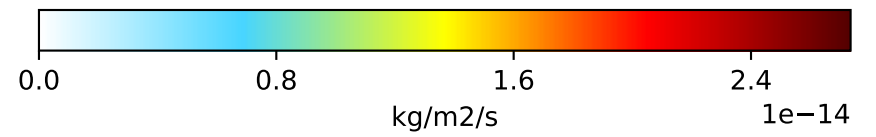
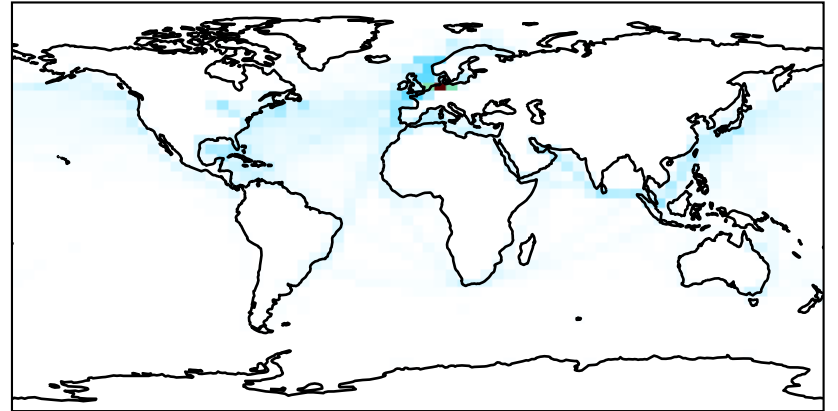


# EmisC2H2\_Ship (Apr2019)

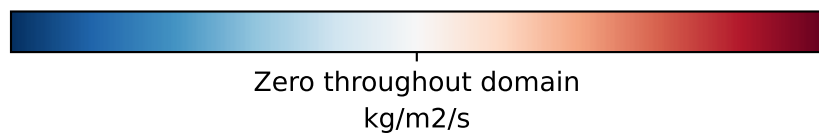
GCC\_13.4.0-rc.4 (Ref)  
4.0x5.0



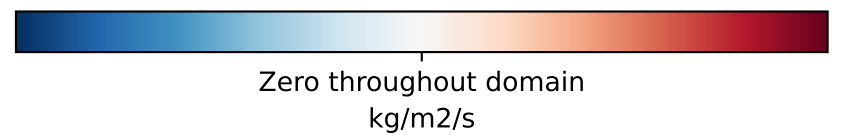
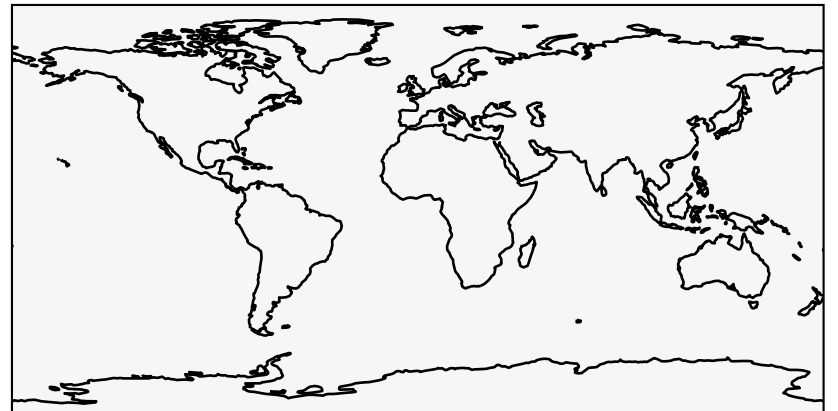
GCC\_14.0.0-rc.3 (Dev)  
4.0x5.0



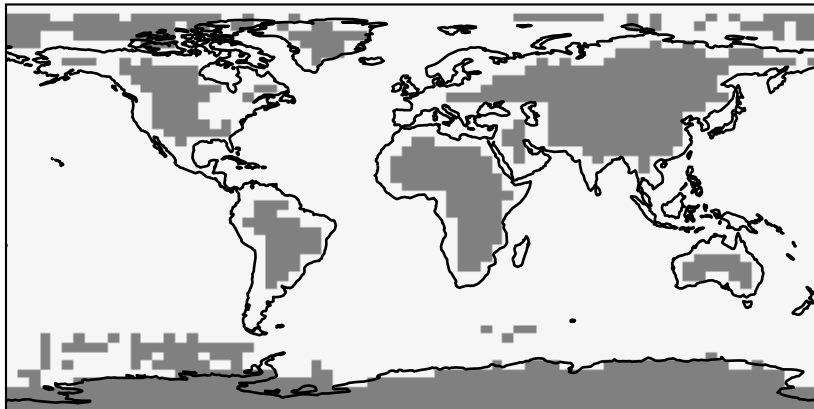
Difference  
Dev - Ref, Dynamic Range



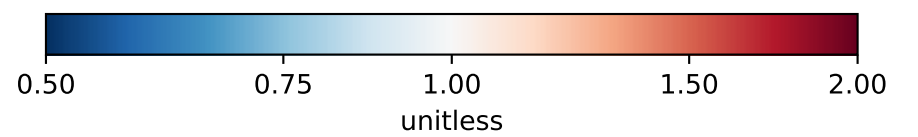
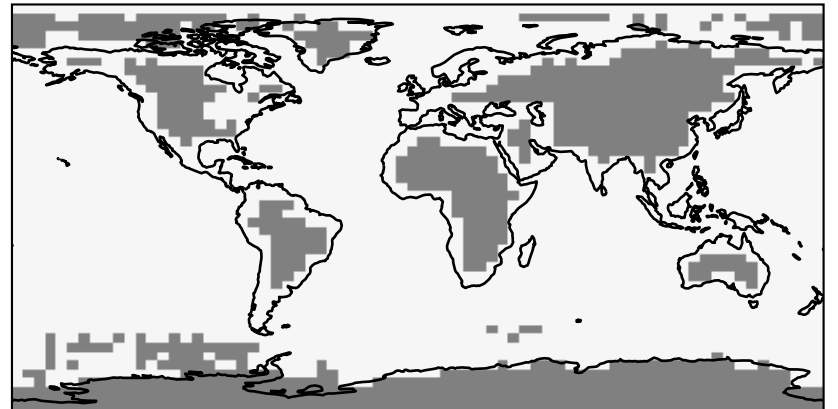
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

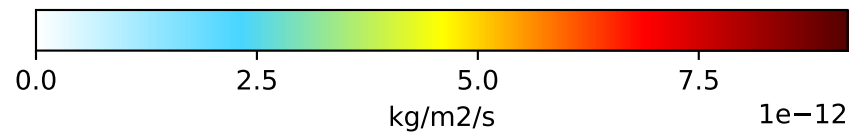
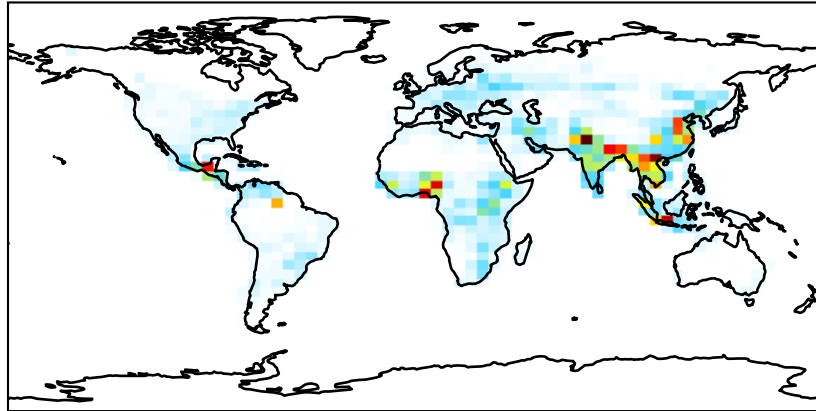


Ratio  
Dev/Ref, Fixed Range

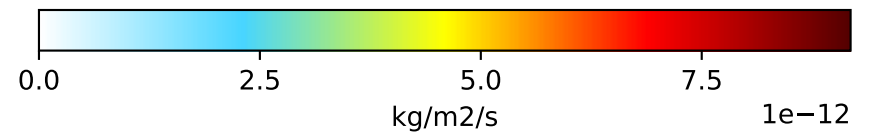
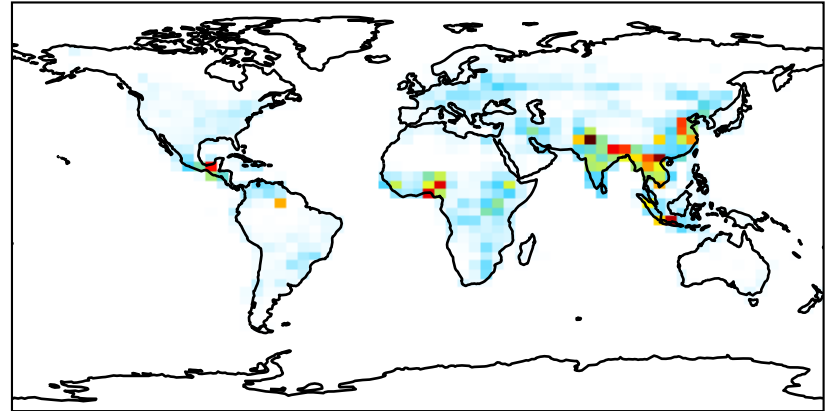


# EmisC2H2\_Total (Apr2019)

GCC\_13.4.0-rc.4 (Ref)  
4.0x5.0



GCC\_14.0.0-rc.3 (Dev)  
4.0x5.0



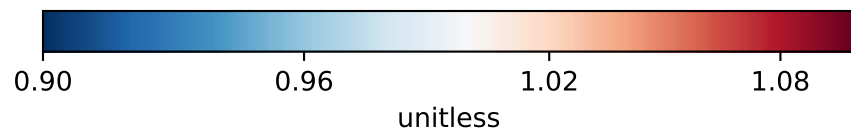
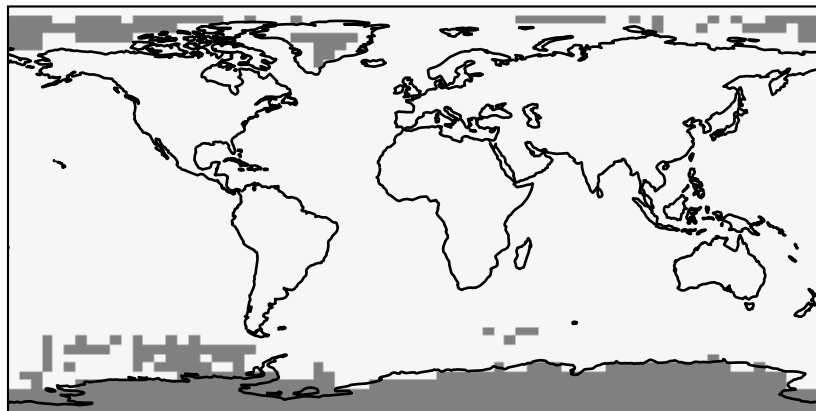
Difference  
Dev - Ref, Dynamic Range



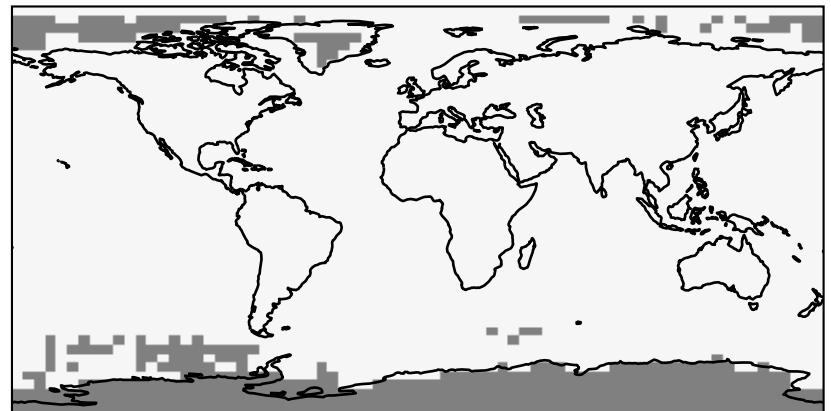
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range



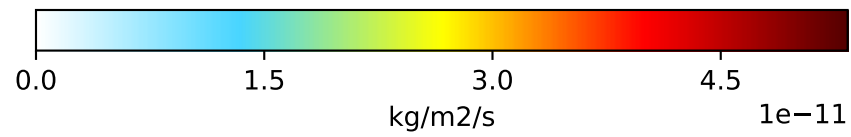
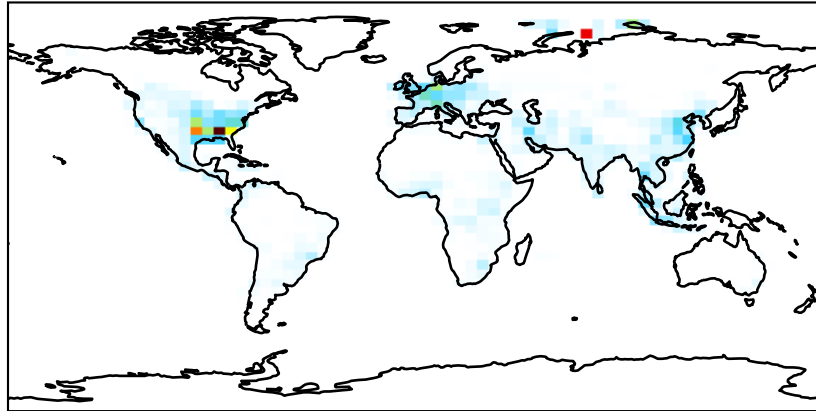
Ratio  
Dev/Ref, Fixed Range



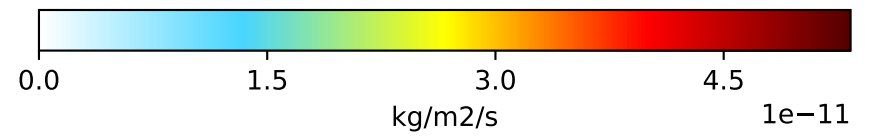
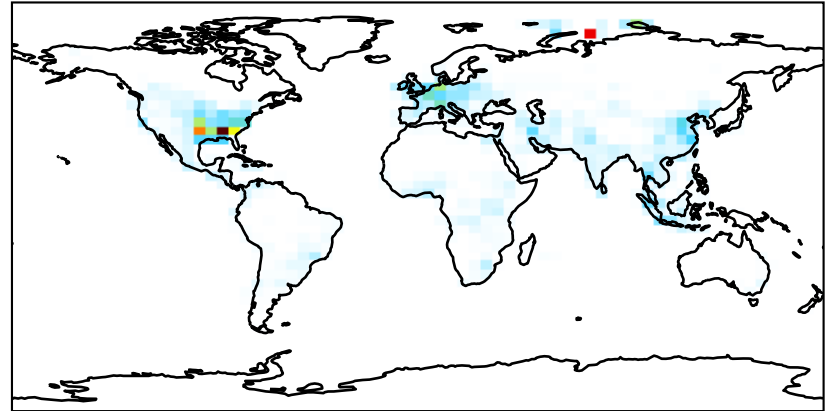


# EmisC2H4\_Anthro (Apr2019)

GCC\_13.4.0-rc.4 (Ref)  
4.0x5.0



GCC\_14.0.0-rc.3 (Dev)  
4.0x5.0

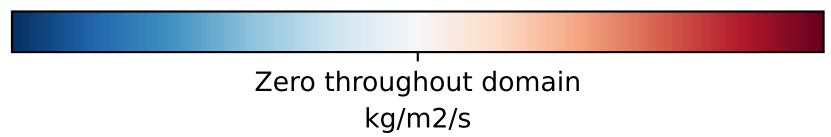
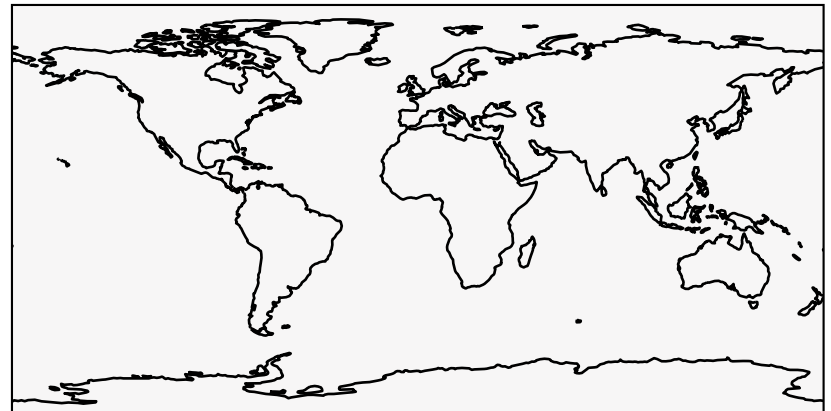


Difference  
Dev - Ref, Dynamic Range



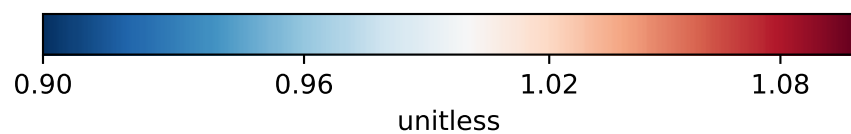
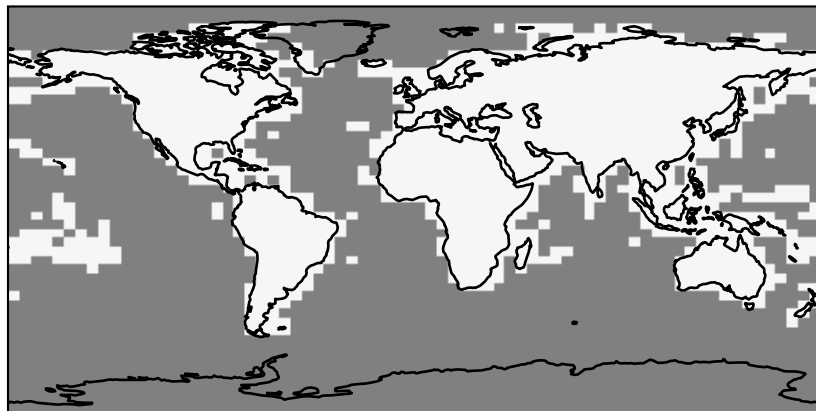
Zero throughout domain  
kg/m2/s

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



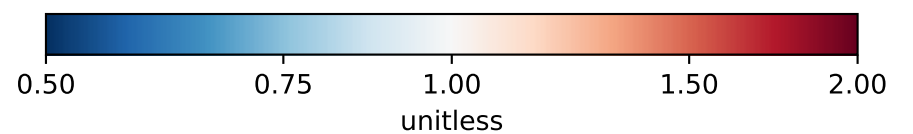
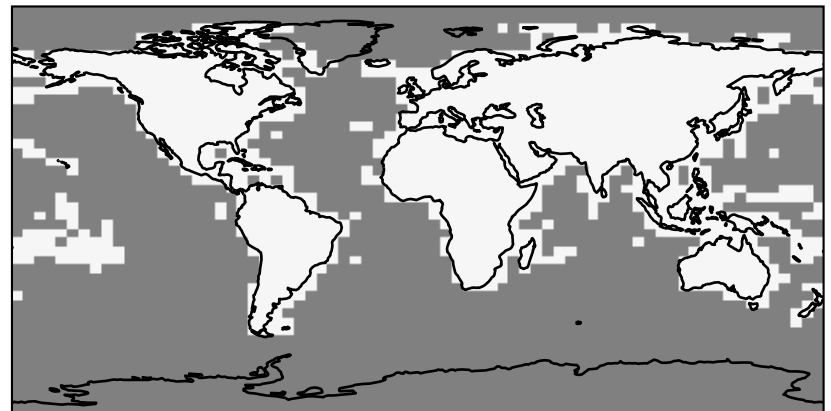
Zero throughout domain  
kg/m2/s

Ratio  
Dev/Ref, Dynamic Range



unitless

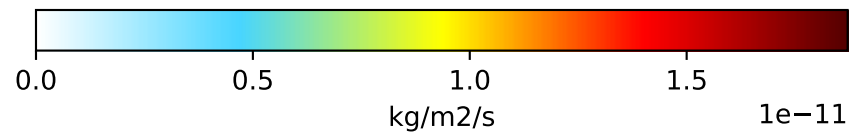
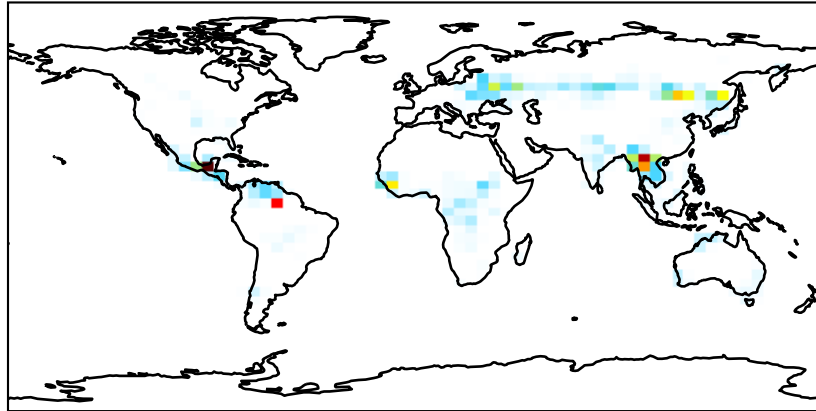
Ratio  
Dev/Ref, Fixed Range



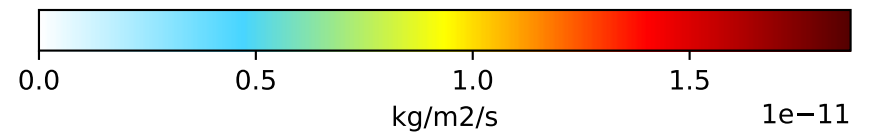
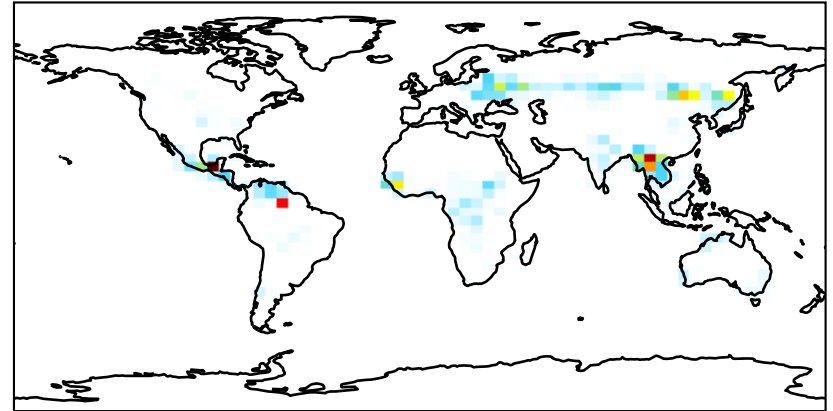
unitless

# EmisC2H4\_BioBurn (Apr2019)

GCC\_13.4.0-rc.4 (Ref)  
4.0x5.0



GCC\_14.0.0-rc.3 (Dev)  
4.0x5.0



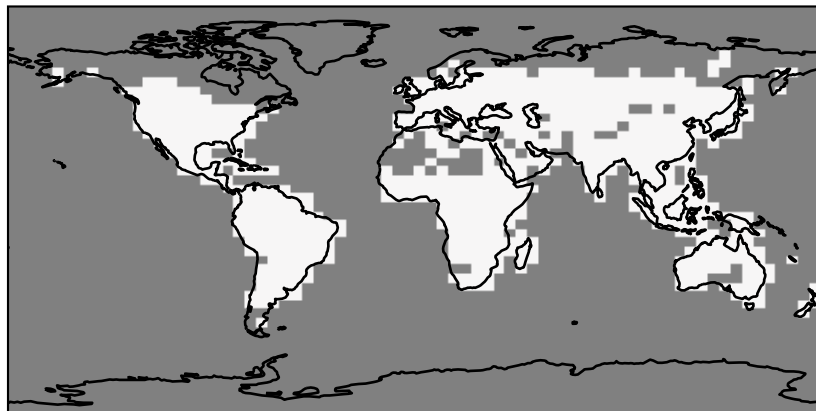
Difference  
Dev - Ref, Dynamic Range



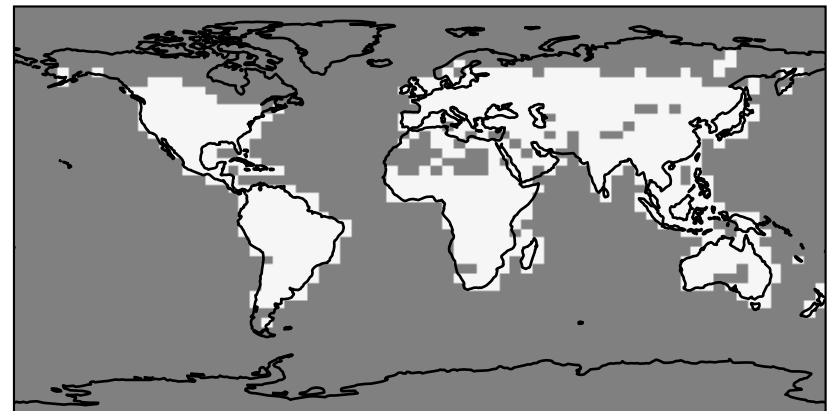
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

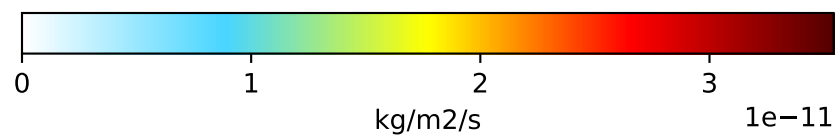
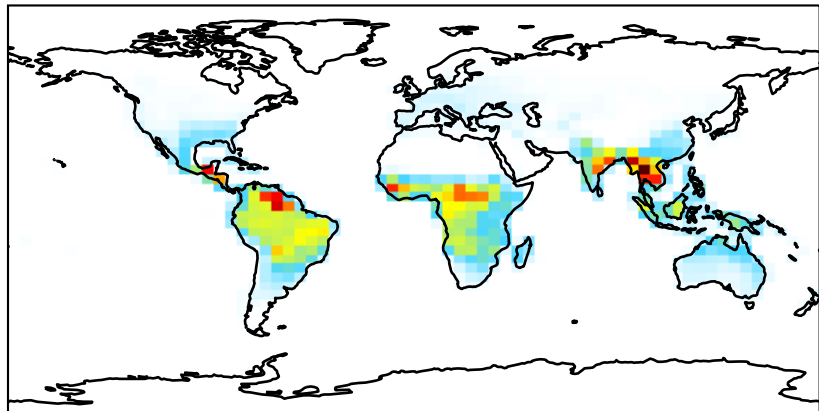


Ratio  
Dev/Ref, Fixed Range

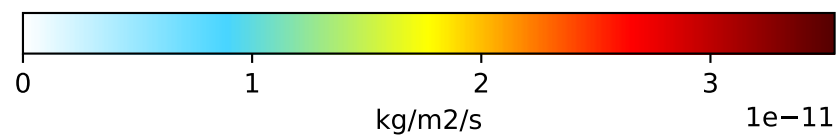
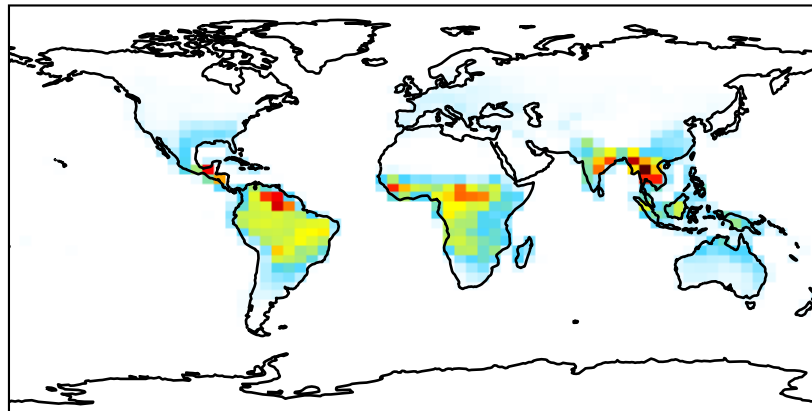


# EmisC2H4\_Biogenic (Apr2019)

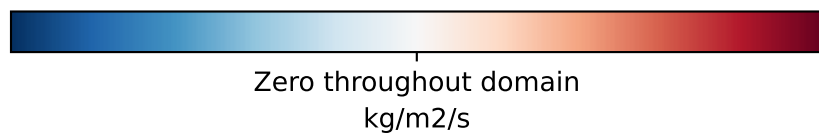
GCC\_13.4.0-rc.4 (Ref)  
4.0x5.0



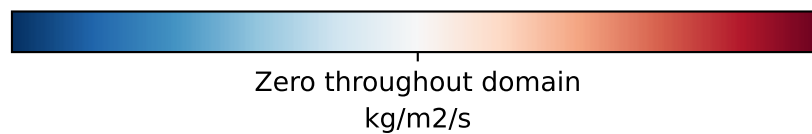
GCC\_14.0.0-rc.3 (Dev)  
4.0x5.0



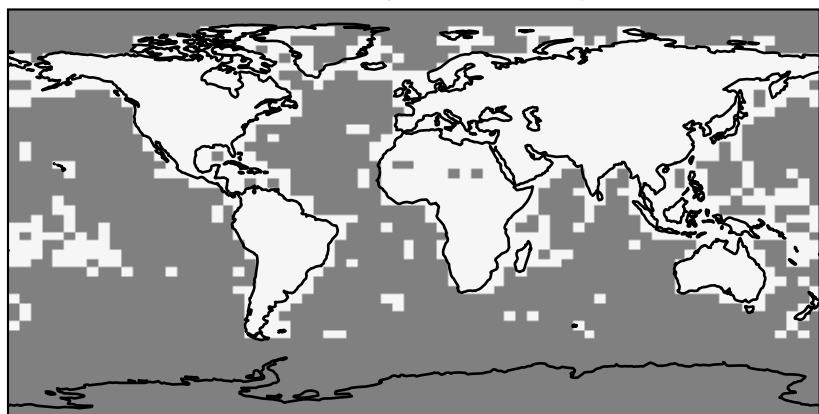
Difference  
Dev - Ref, Dynamic Range



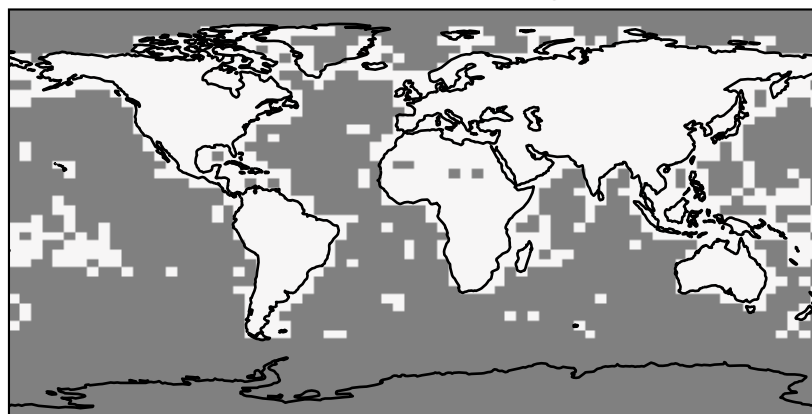
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

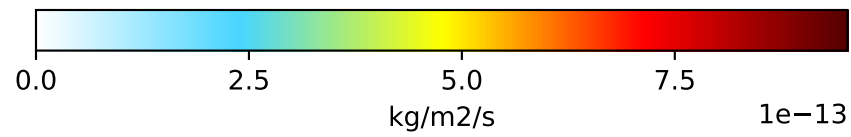
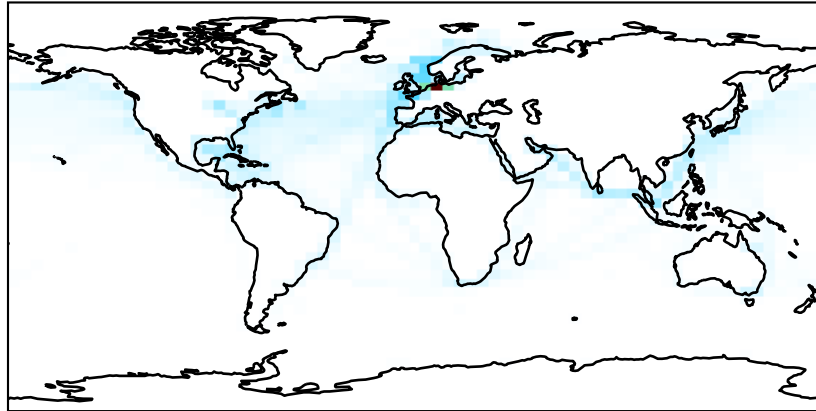


Ratio  
Dev/Ref, Fixed Range

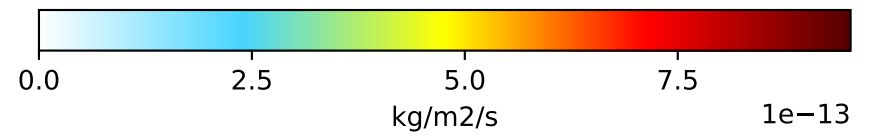
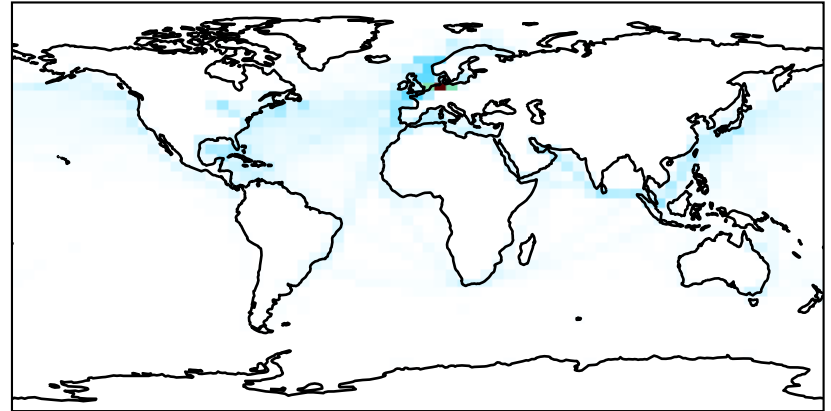


# EmisC2H4\_Ship (Apr2019)

GCC\_13.4.0-rc.4 (Ref)  
4.0x5.0



GCC\_14.0.0-rc.3 (Dev)  
4.0x5.0



Difference  
Dev - Ref, Dynamic Range



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



Ratio  
Dev/Ref, Dynamic Range

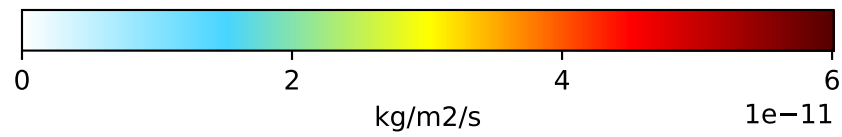
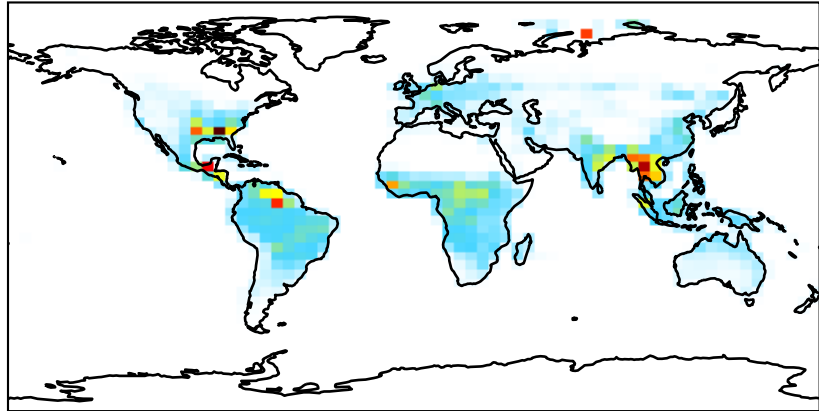


Ratio  
Dev/Ref, Fixed Range

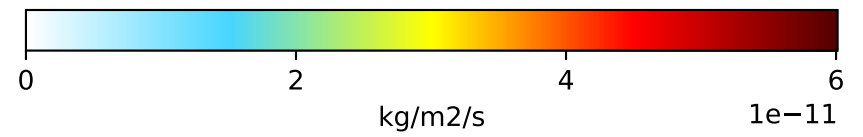
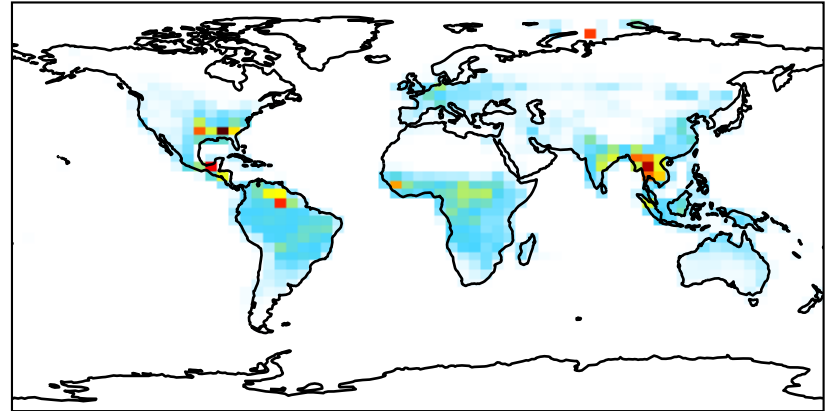


# EmisC2H4\_Total (Apr2019)

GCC\_13.4.0-rc.4 (Ref)  
4.0x5.0



GCC\_14.0.0-rc.3 (Dev)  
4.0x5.0



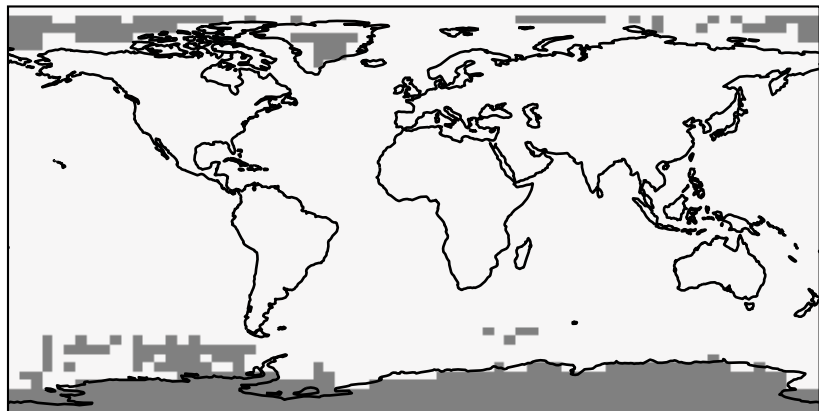
Difference  
Dev - Ref, Dynamic Range



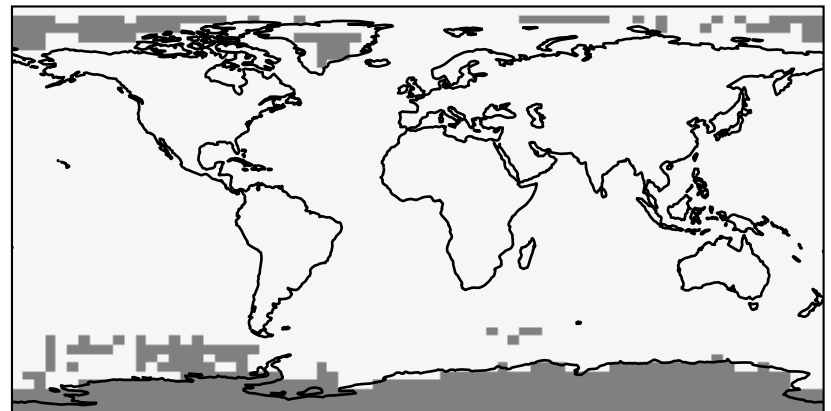
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

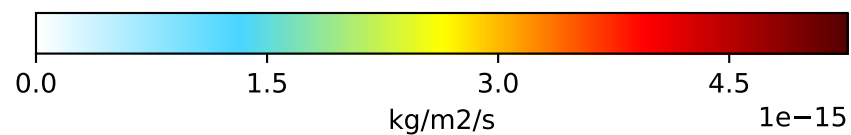
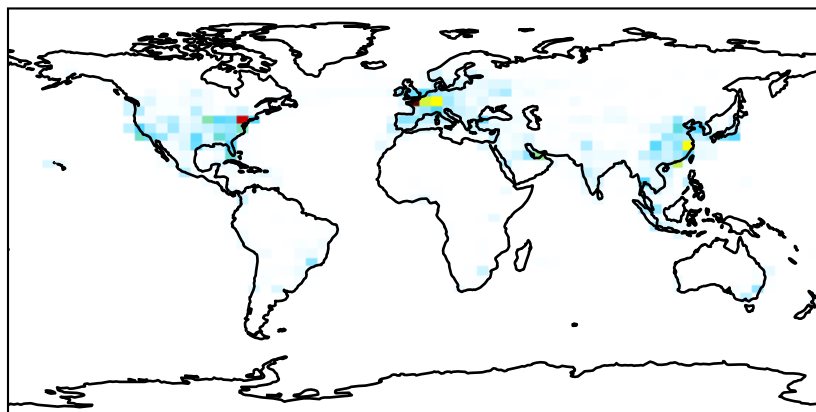


Ratio  
Dev/Ref, Fixed Range

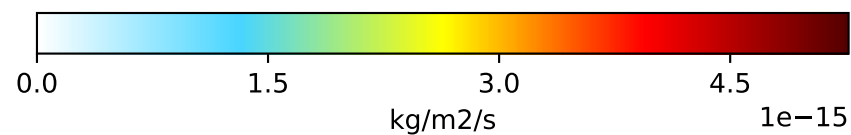
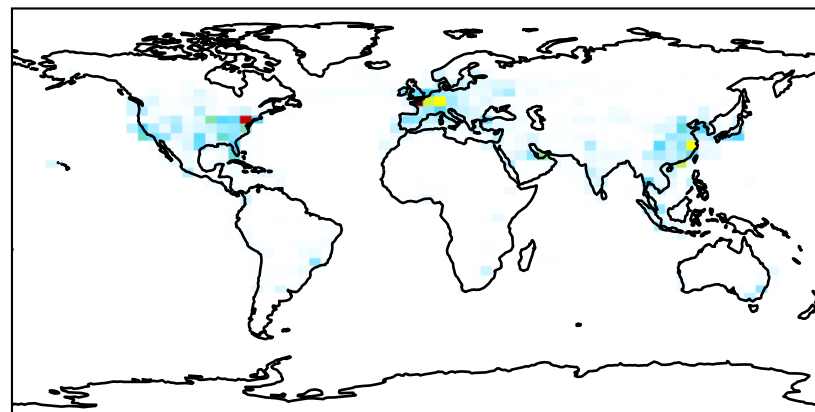


# EmisC2H6\_Aircraft (Apr2019)

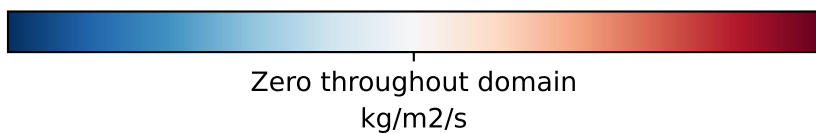
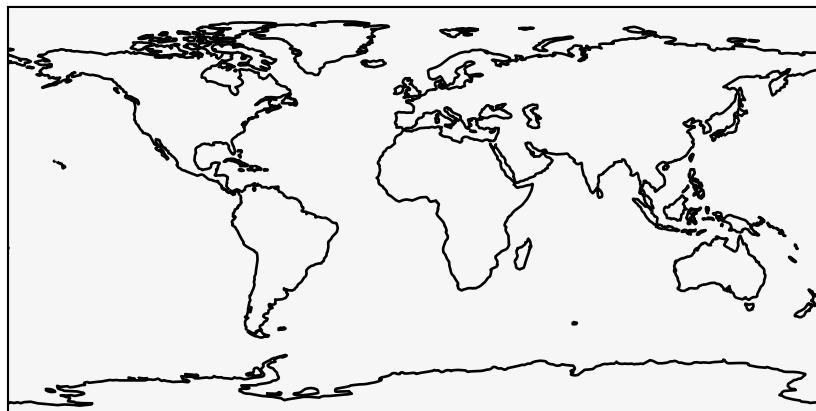
GCC\_13.4.0-rc.4 (Ref)  
4.0x5.0



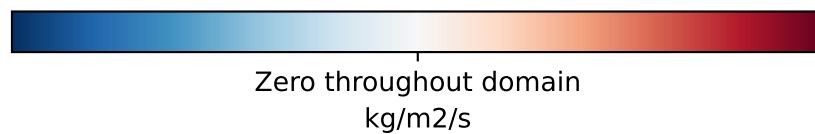
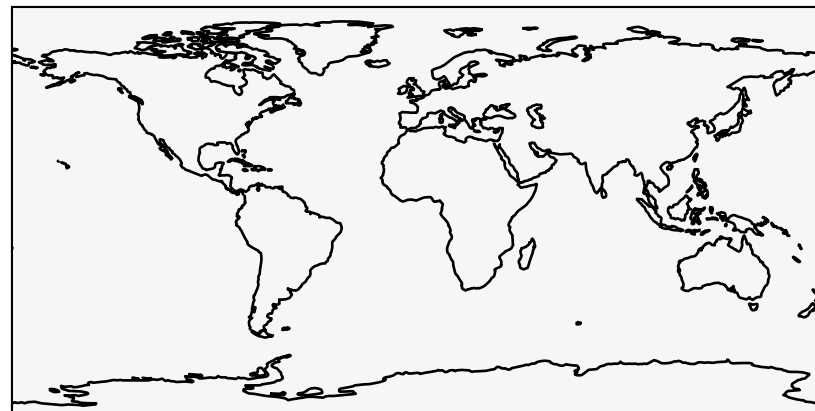
GCC\_14.0.0-rc.3 (Dev)  
4.0x5.0



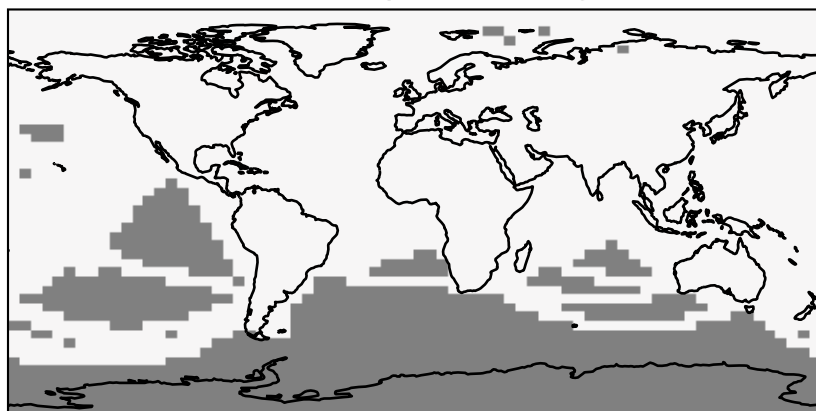
Difference  
Dev - Ref, Dynamic Range



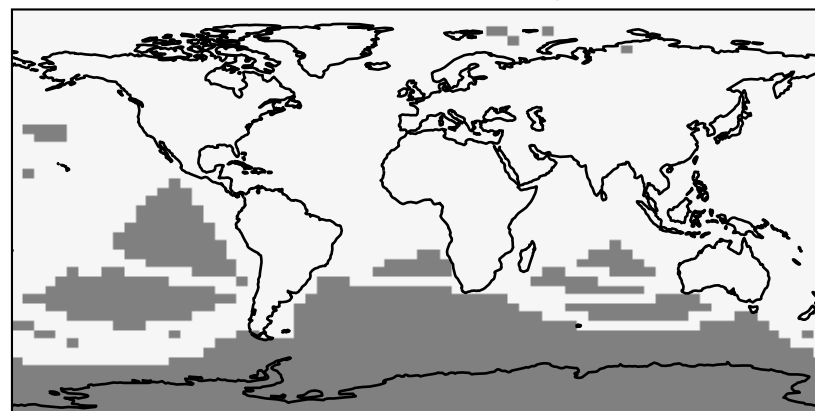
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

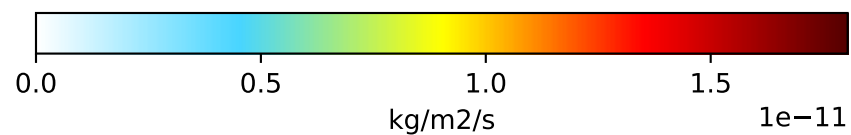
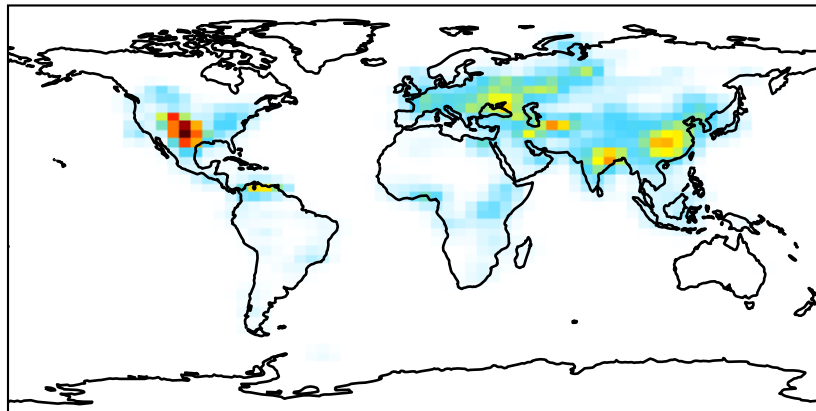


Ratio  
Dev/Ref, Fixed Range

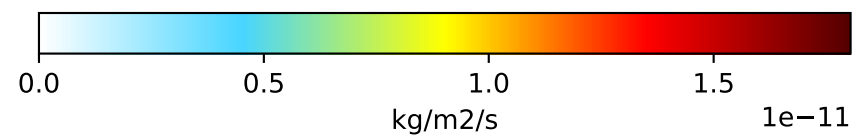
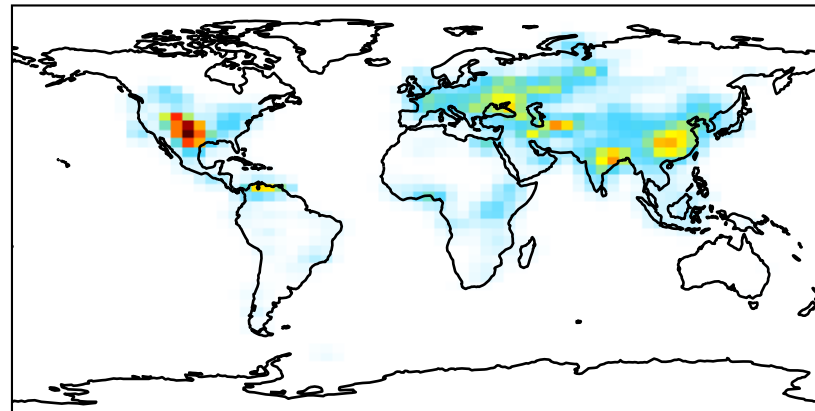


# EmisC2H6\_Anthro (Apr2019)

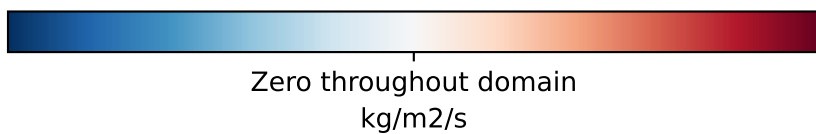
GCC\_13.4.0-rc.4 (Ref)  
4.0x5.0



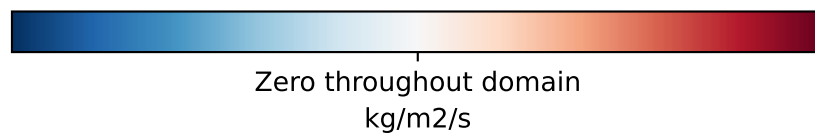
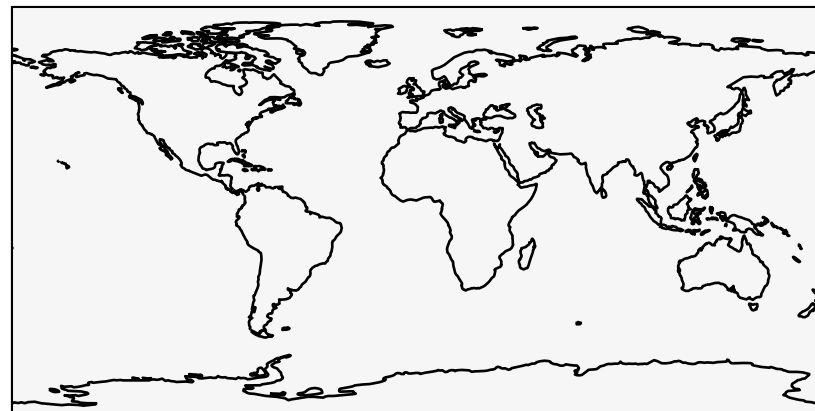
GCC\_14.0.0-rc.3 (Dev)  
4.0x5.0



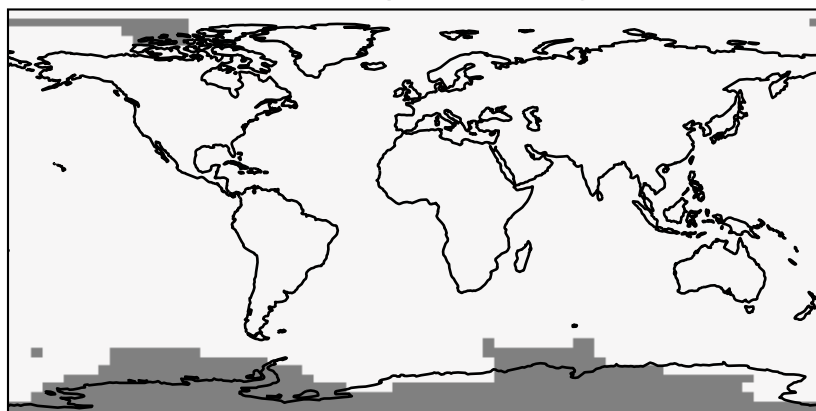
Difference  
Dev - Ref, Dynamic Range



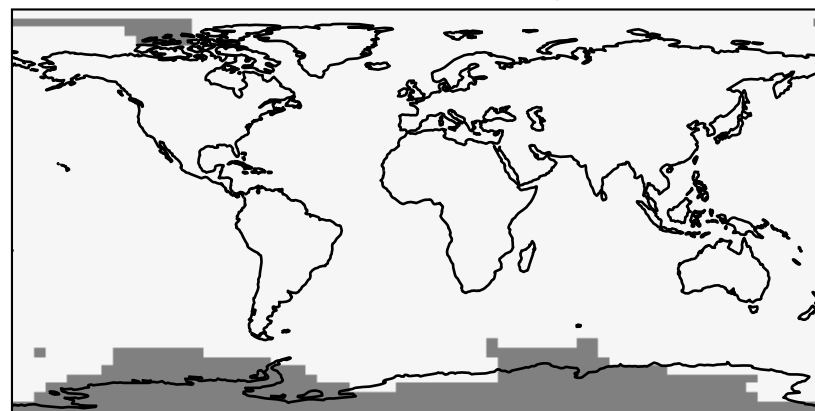
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

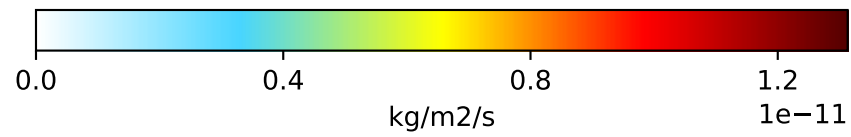
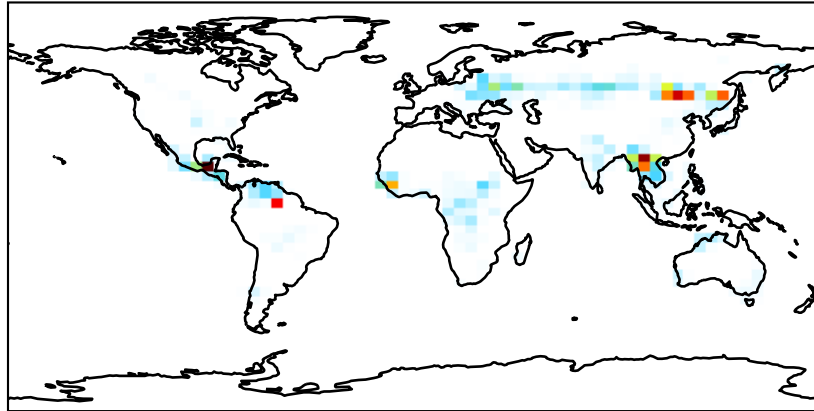


Ratio  
Dev/Ref, Fixed Range

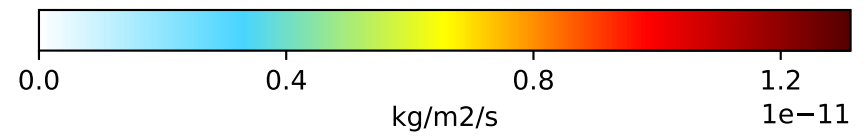
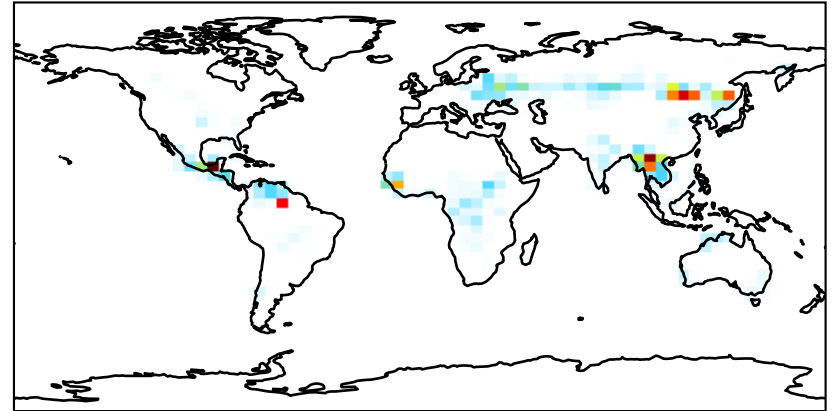


# EmisC2H6\_BioBurn (Apr2019)

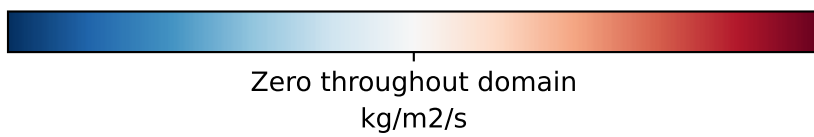
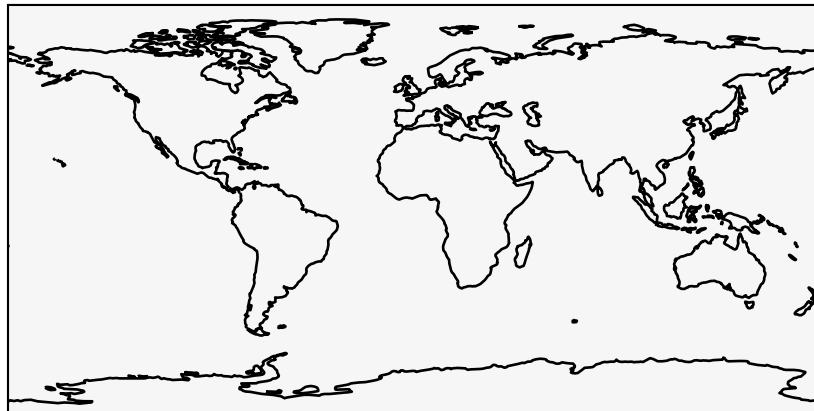
GCC\_13.4.0-rc.4 (Ref)  
4.0x5.0



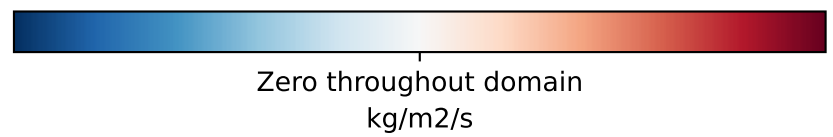
GCC\_14.0.0-rc.3 (Dev)  
4.0x5.0



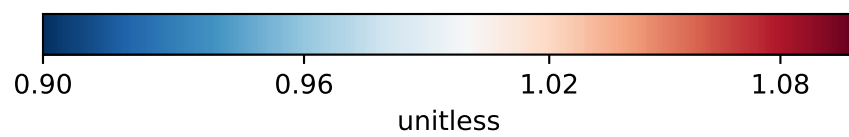
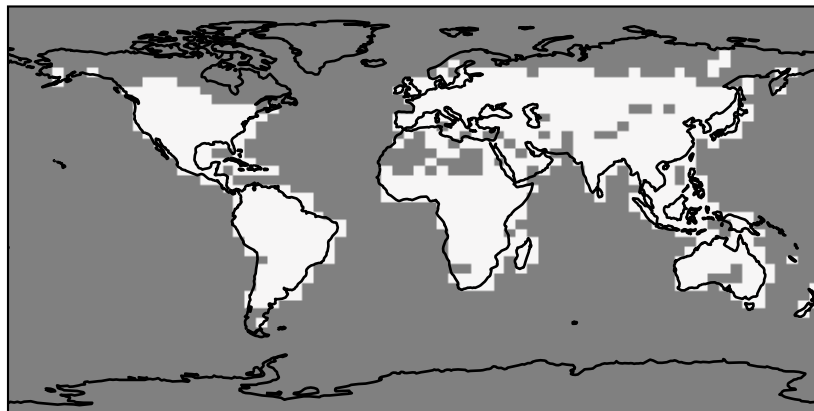
Difference  
Dev - Ref, Dynamic Range



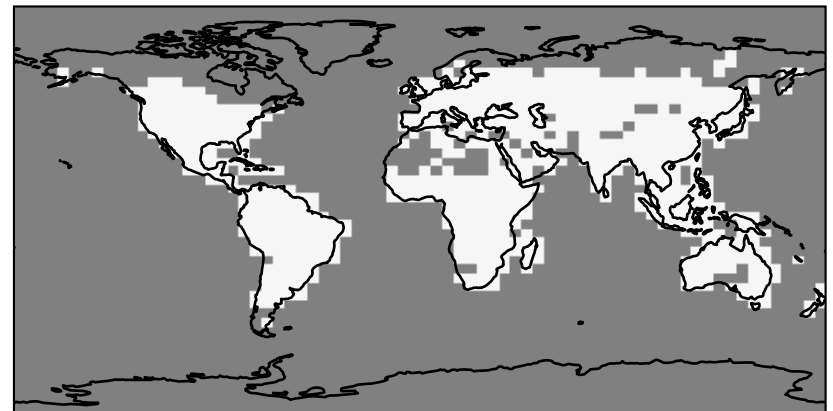
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range



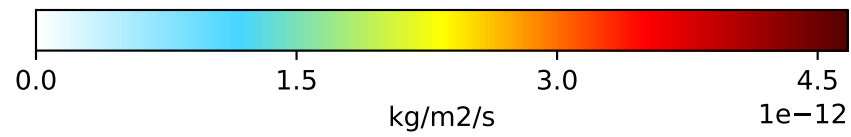
Ratio  
Dev/Ref, Fixed Range



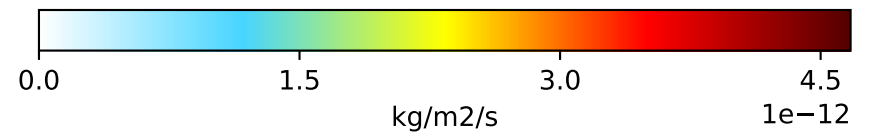
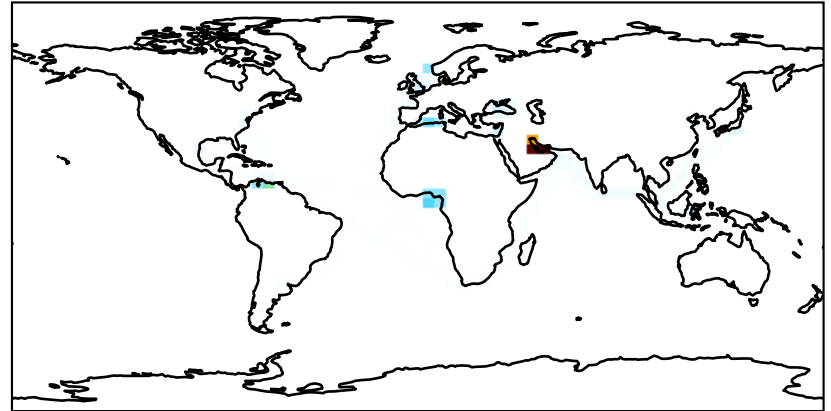


# EmisC2H6\_Ship (Apr2019)

GCC\_13.4.0-rc.4 (Ref)  
4.0x5.0



GCC\_14.0.0-rc.3 (Dev)  
4.0x5.0



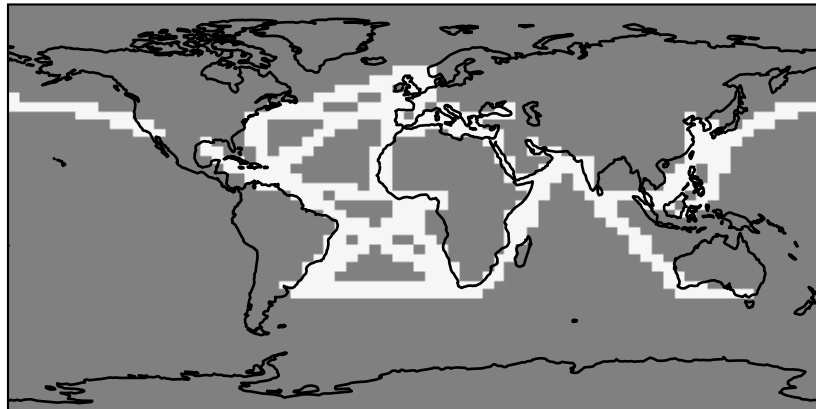
Difference  
Dev - Ref, Dynamic Range



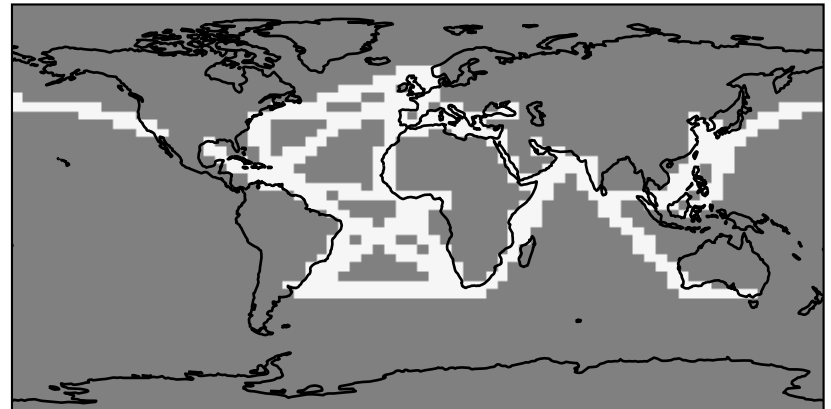
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

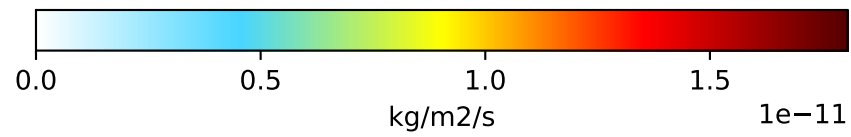
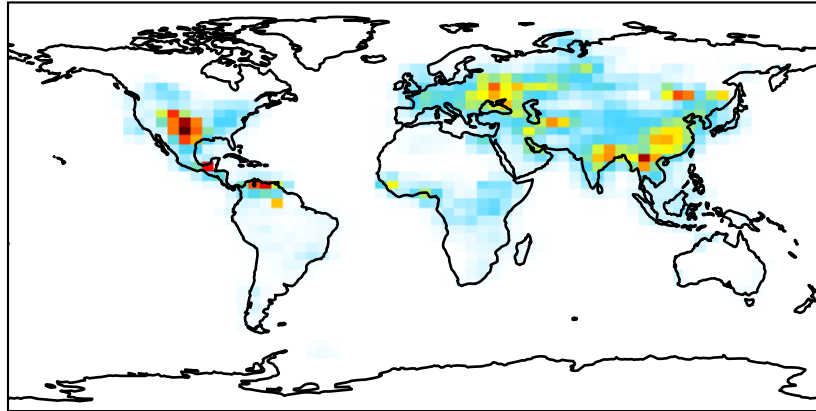


Ratio  
Dev/Ref, Fixed Range

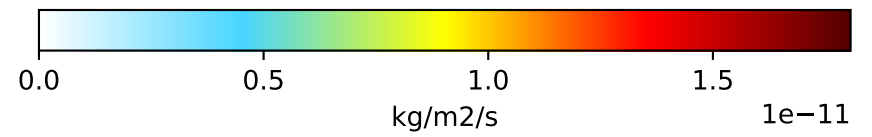
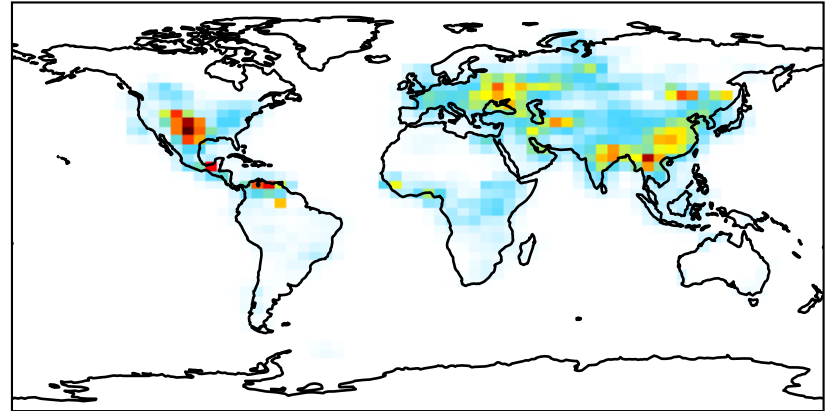


# EmisC2H6\_Total (Apr2019)

GCC\_13.4.0-rc.4 (Ref)  
4.0x5.0



GCC\_14.0.0-rc.3 (Dev)  
4.0x5.0



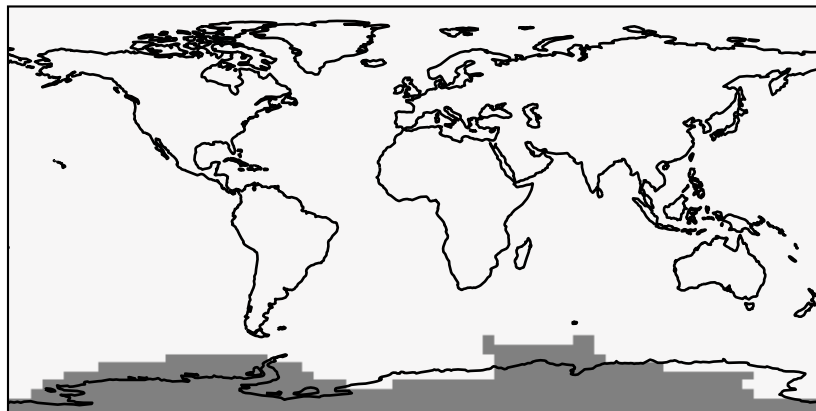
Difference  
Dev - Ref, Dynamic Range



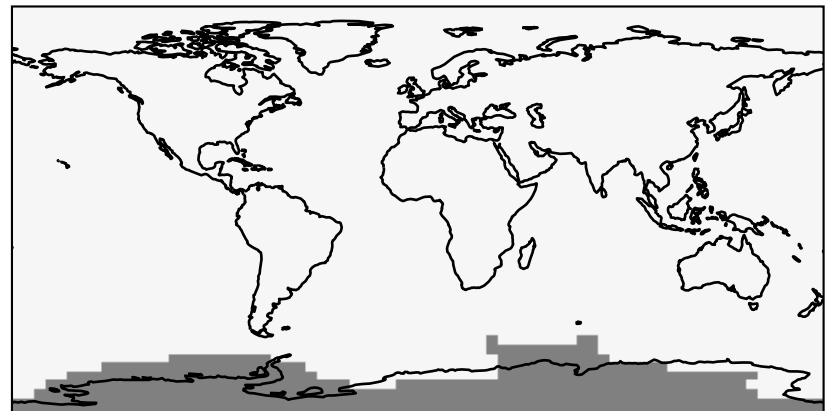
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

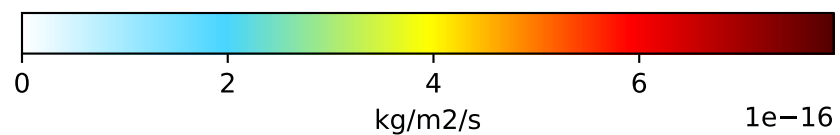
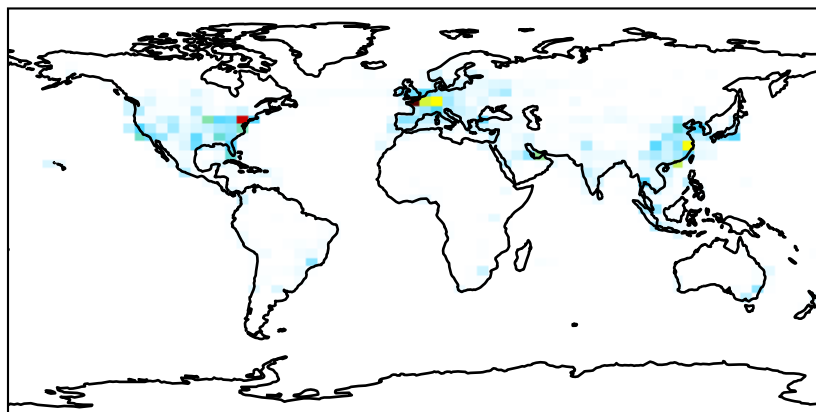


Ratio  
Dev/Ref, Fixed Range

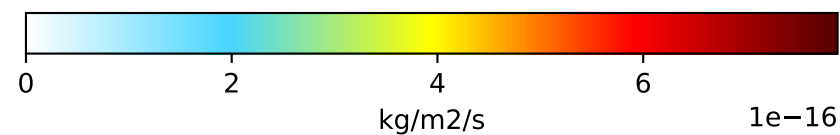
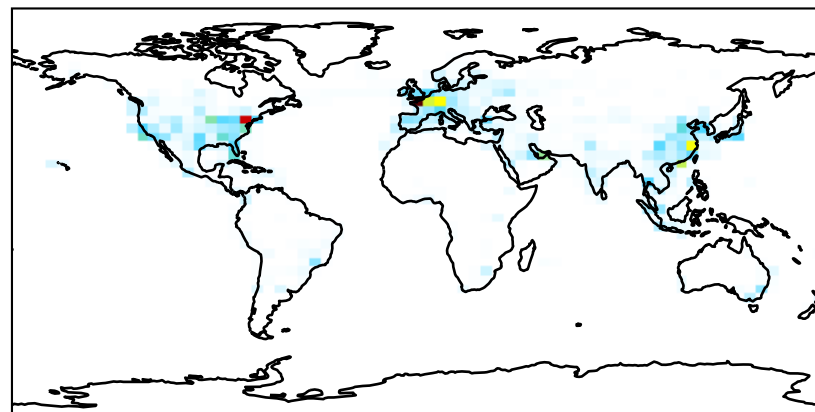


# EmisC3H8\_Aircraft (Apr2019)

GCC\_13.4.0-rc.4 (Ref)  
4.0x5.0



GCC\_14.0.0-rc.3 (Dev)  
4.0x5.0



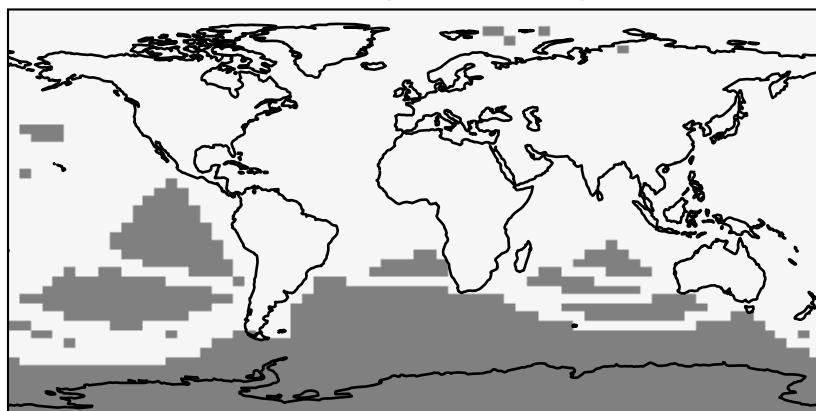
Difference  
Dev - Ref, Dynamic Range



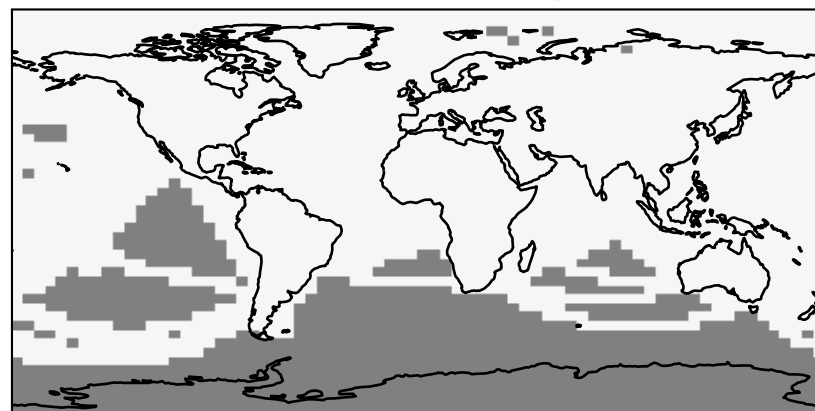
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

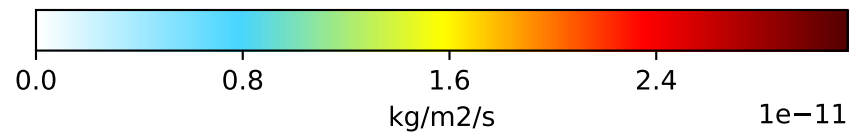
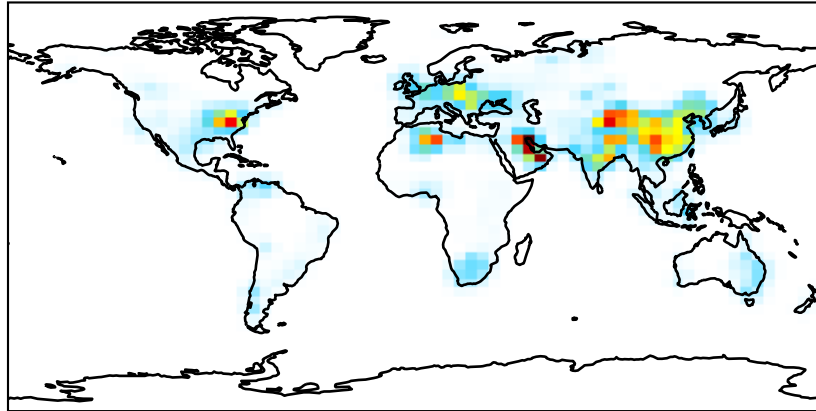


Ratio  
Dev/Ref, Fixed Range

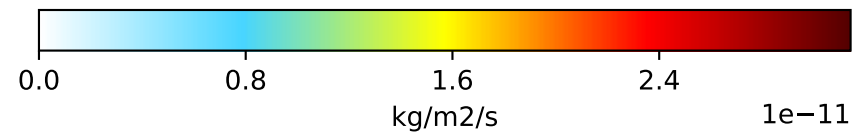
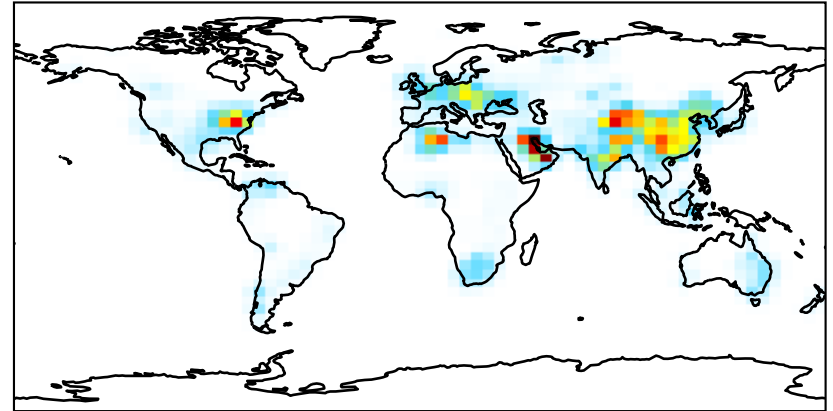


# EmisC3H8\_Anthro (Apr2019)

GCC\_13.4.0-rc.4 (Ref)  
4.0x5.0



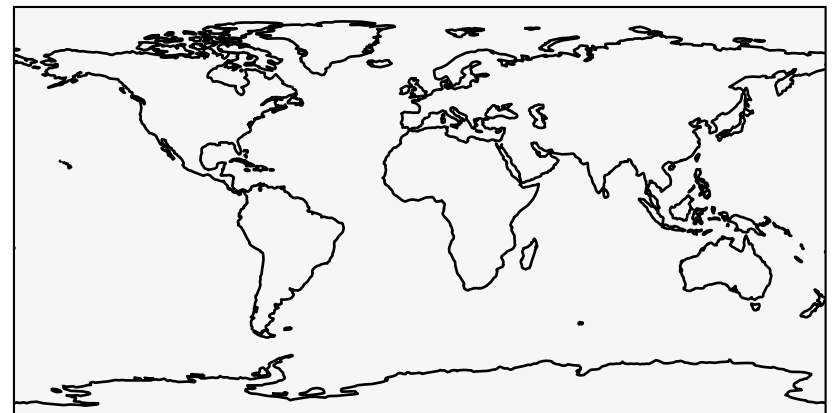
GCC\_14.0.0-rc.3 (Dev)  
4.0x5.0



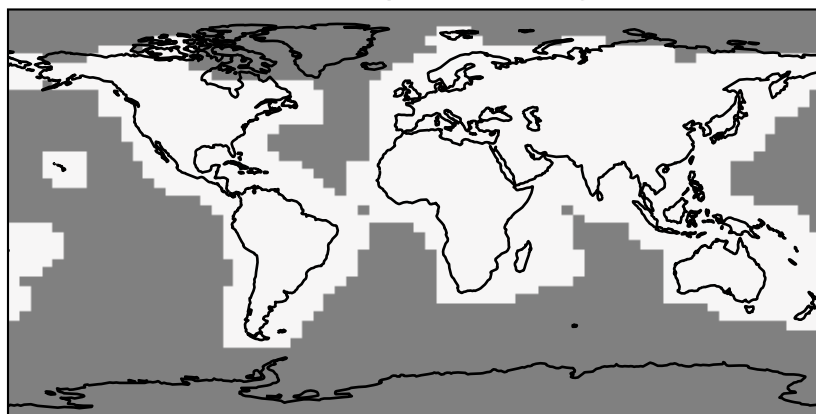
Difference  
Dev - Ref, Dynamic Range



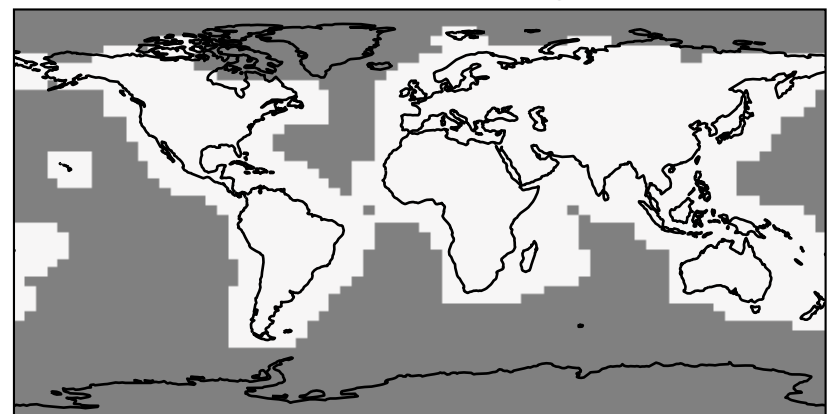
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

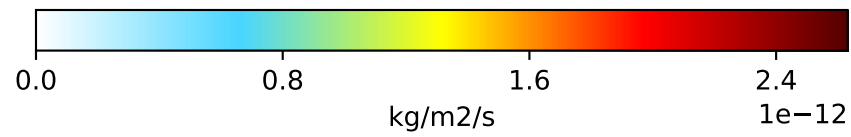
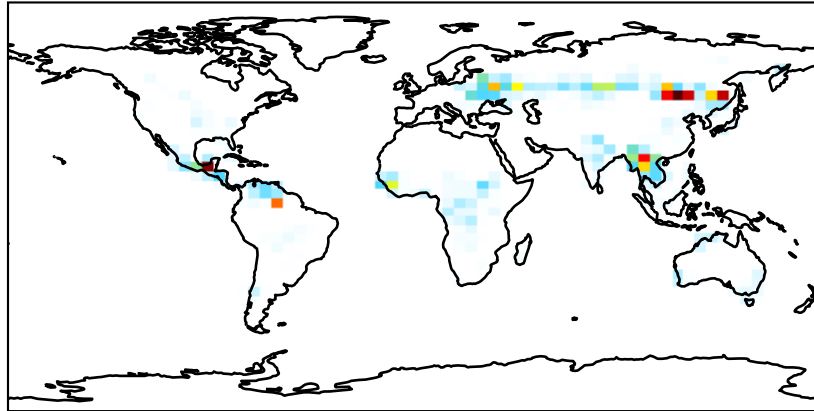


Ratio  
Dev/Ref, Fixed Range

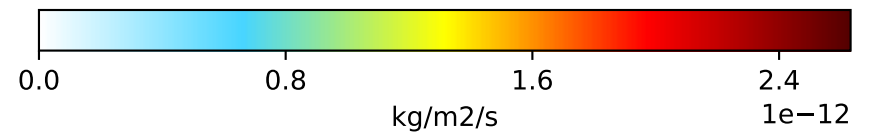
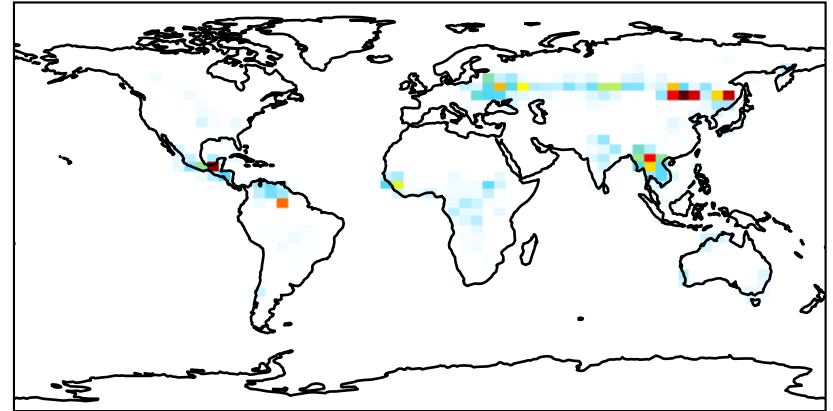


# EmisC3H8\_BioBurn (Apr2019)

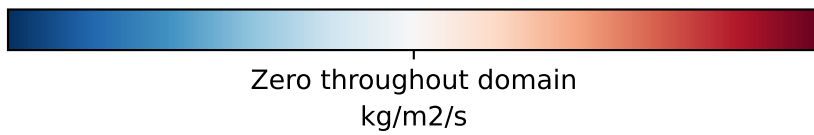
GCC\_13.4.0-rc.4 (Ref)  
4.0x5.0



GCC\_14.0.0-rc.3 (Dev)  
4.0x5.0



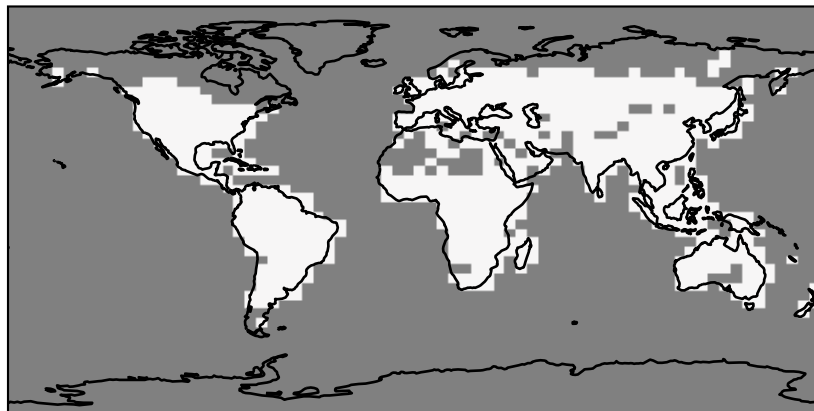
Difference  
Dev - Ref, Dynamic Range



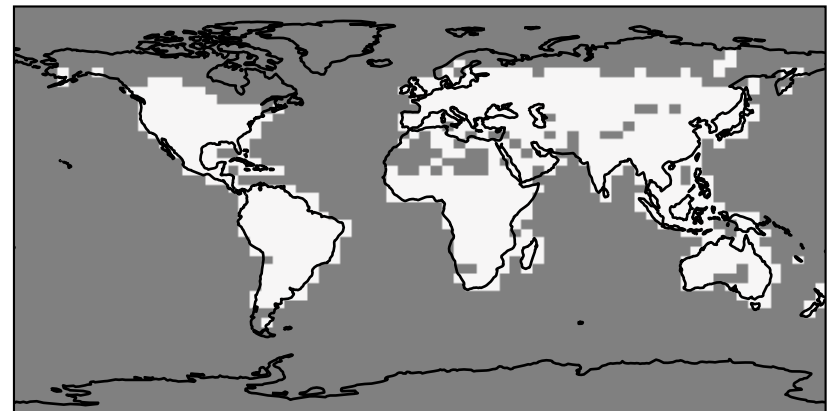
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

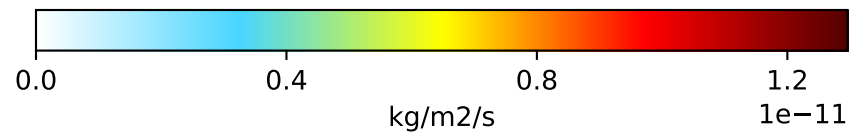


Ratio  
Dev/Ref, Fixed Range

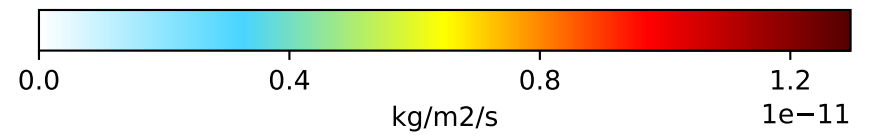
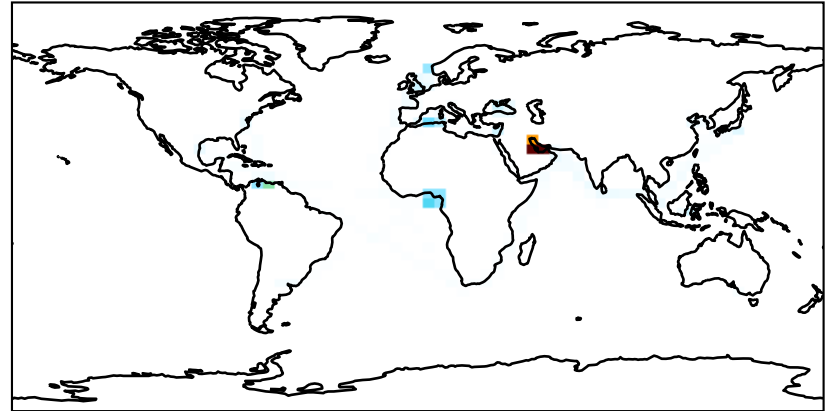


# EmisC3H8\_Ship (Apr2019)

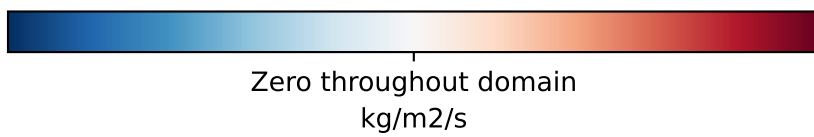
GCC\_13.4.0-rc.4 (Ref)  
4.0x5.0



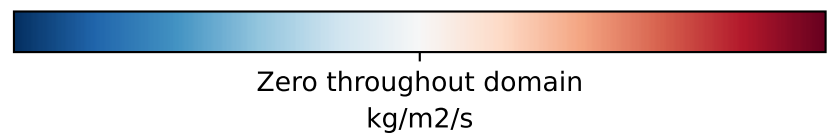
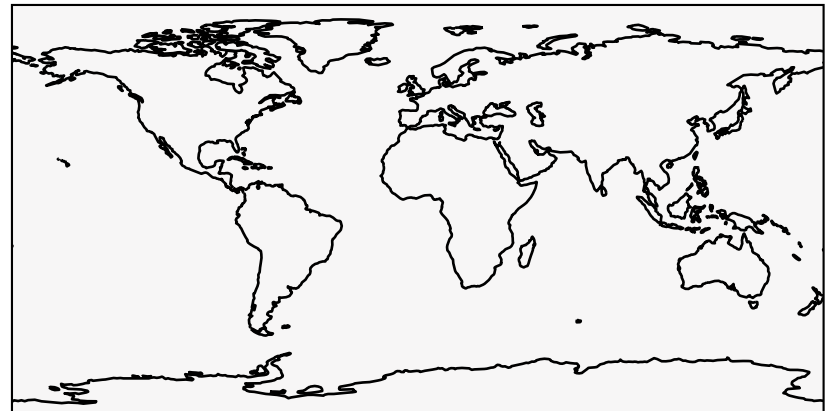
GCC\_14.0.0-rc.3 (Dev)  
4.0x5.0



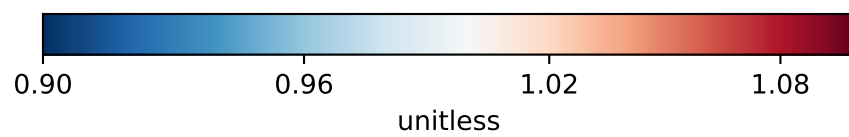
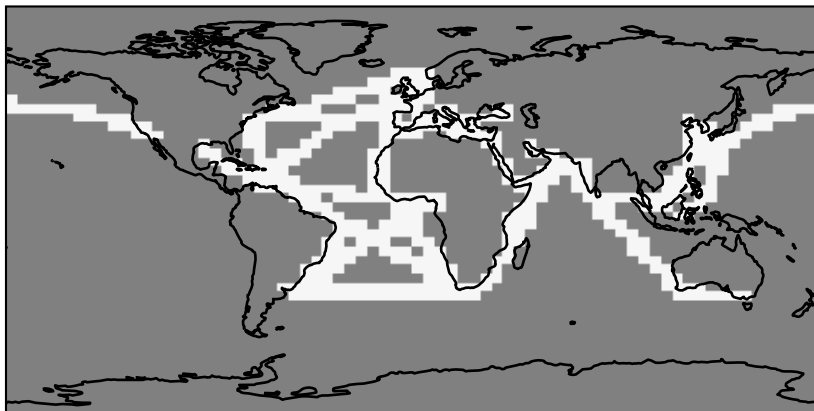
Difference  
Dev - Ref, Dynamic Range



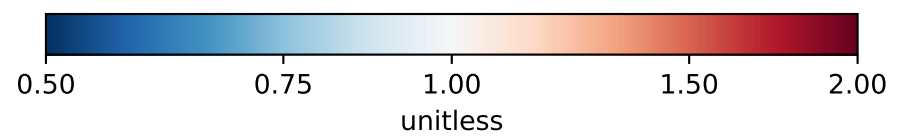
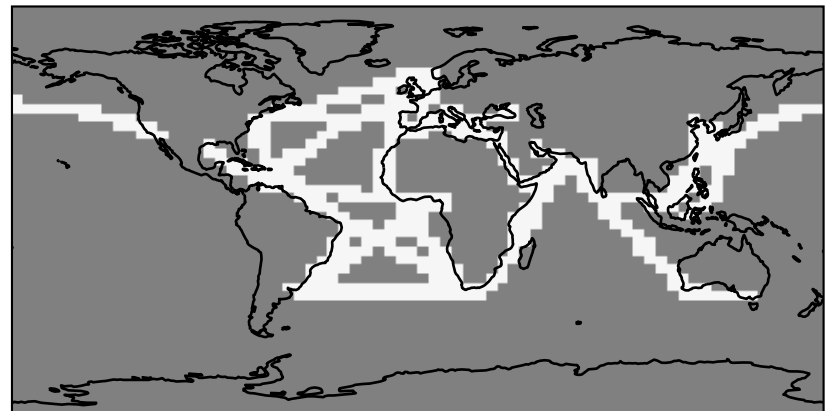
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

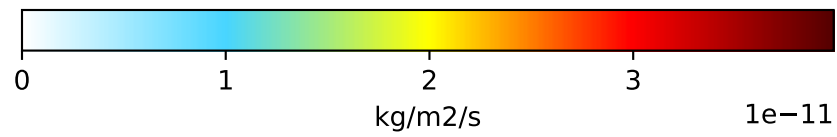
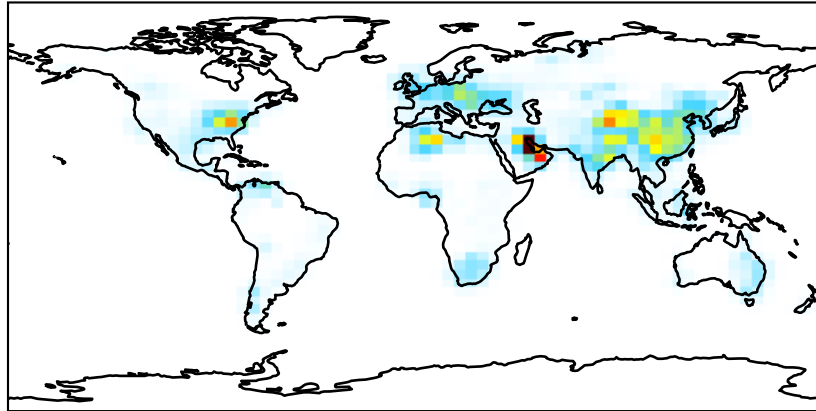


Ratio  
Dev/Ref, Fixed Range

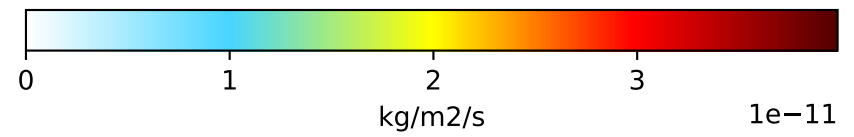
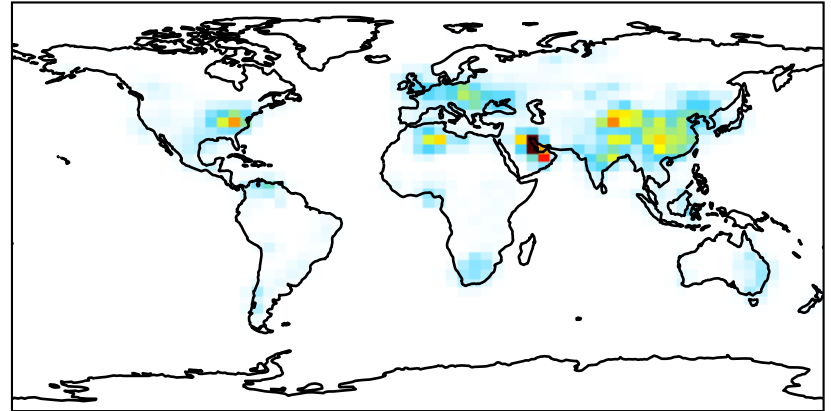


# EmisC3H8\_Total (Apr2019)

GCC\_13.4.0-rc.4 (Ref)  
4.0x5.0



GCC\_14.0.0-rc.3 (Dev)  
4.0x5.0



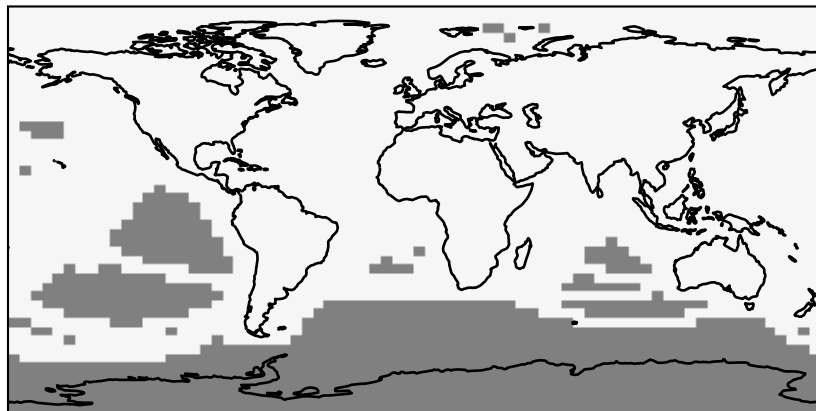
Difference  
Dev - Ref, Dynamic Range



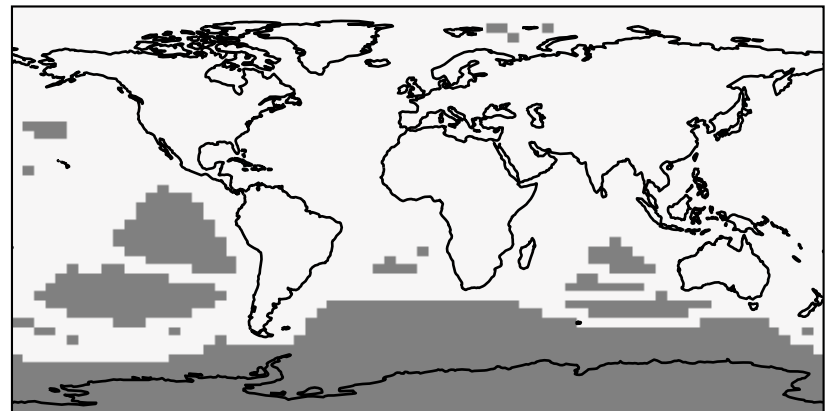
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

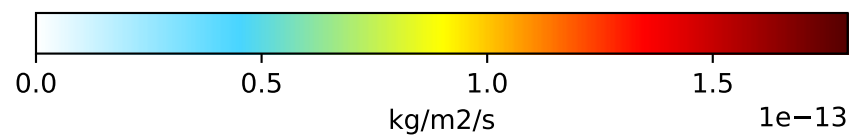
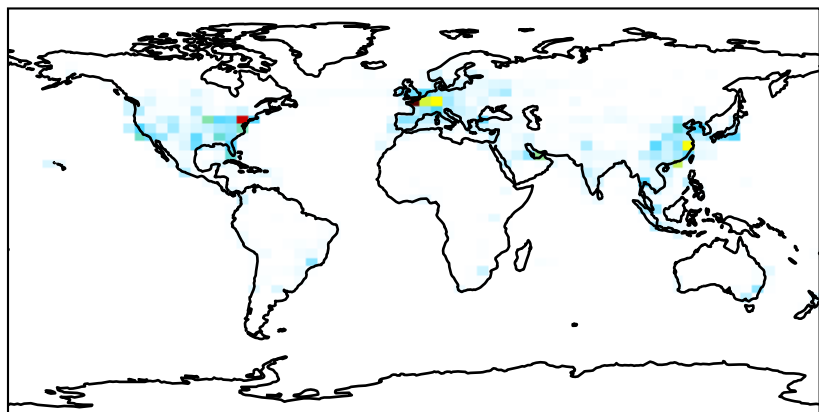


Ratio  
Dev/Ref, Fixed Range

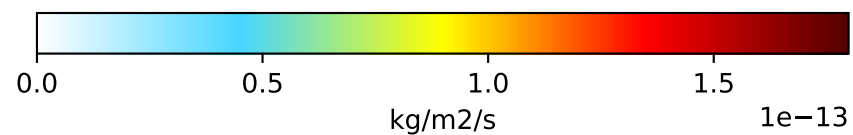
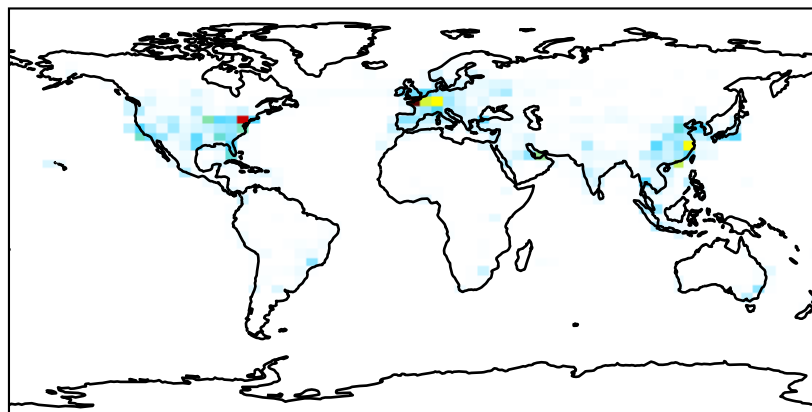


# EmisPRPE\_Aircraft (Apr2019)

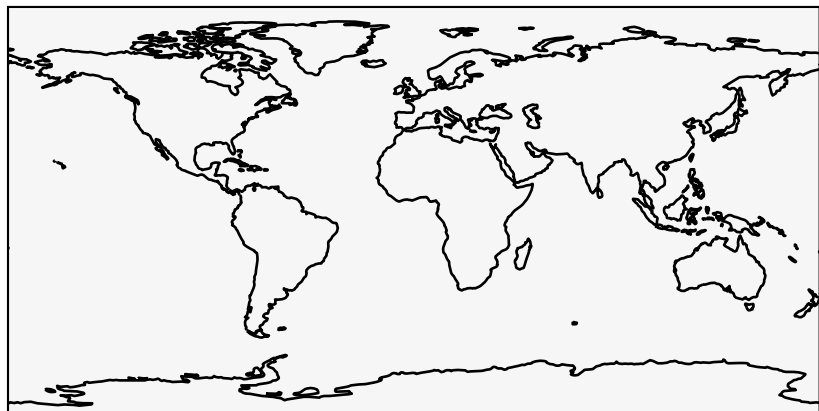
GCC\_13.4.0-rc.4 (Ref)  
4.0x5.0



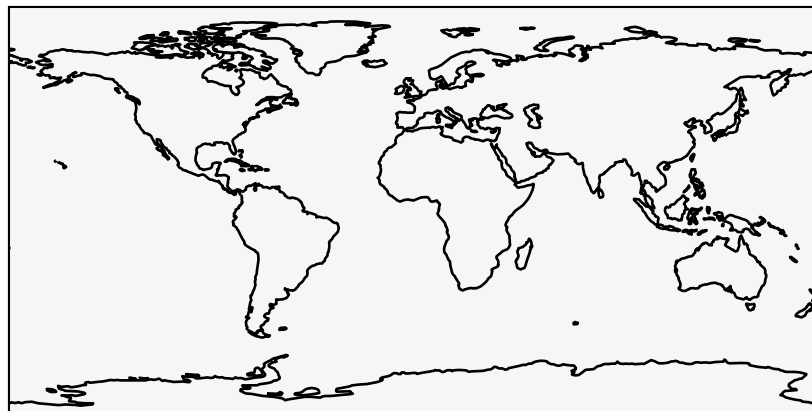
GCC\_14.0.0-rc.3 (Dev)  
4.0x5.0



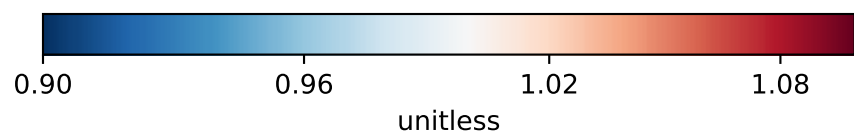
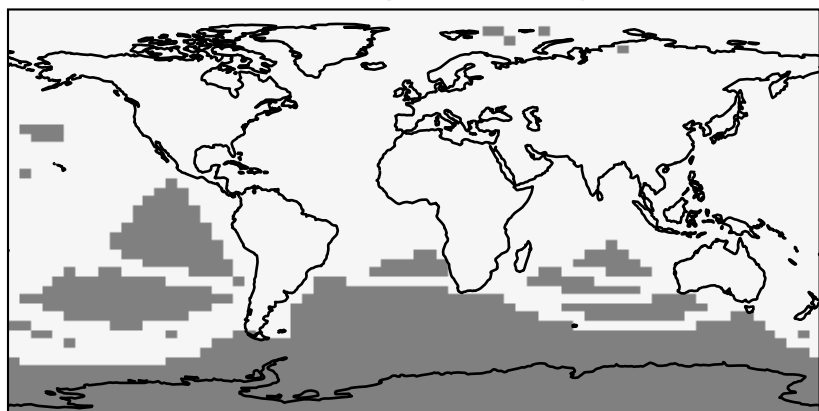
Difference  
Dev - Ref, Dynamic Range



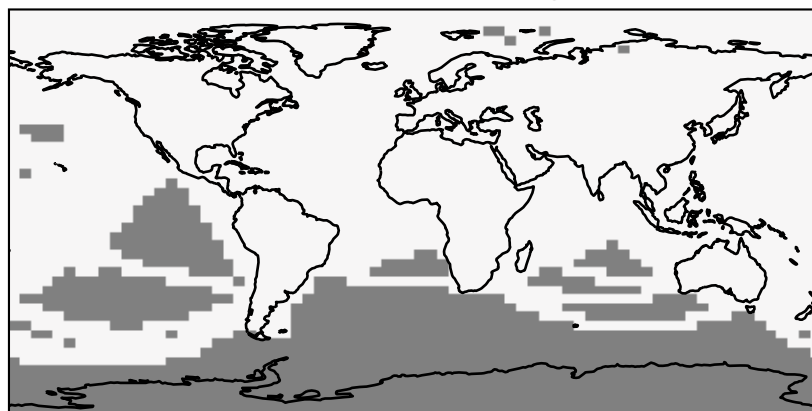
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range



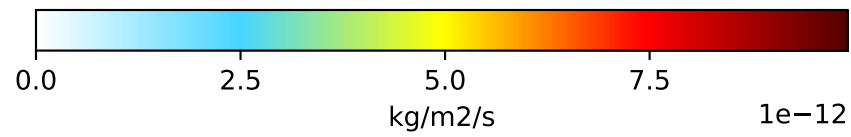
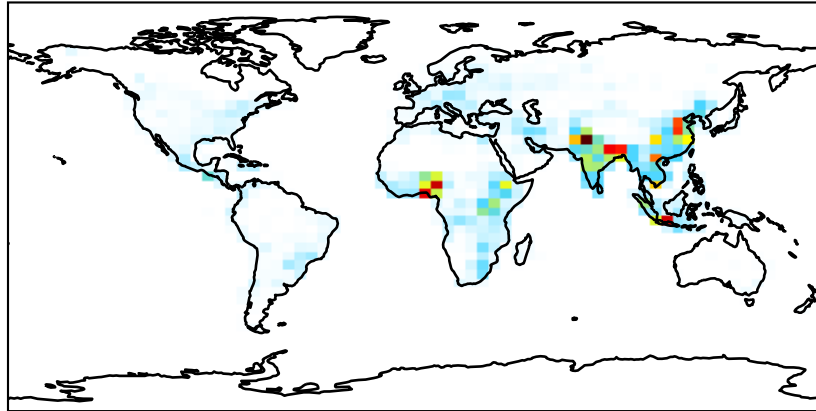
Ratio  
Dev/Ref, Fixed Range



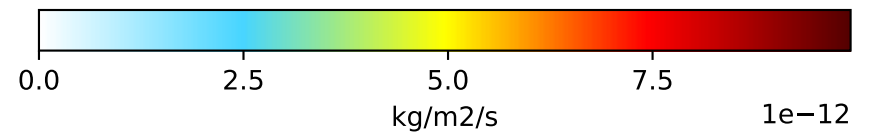
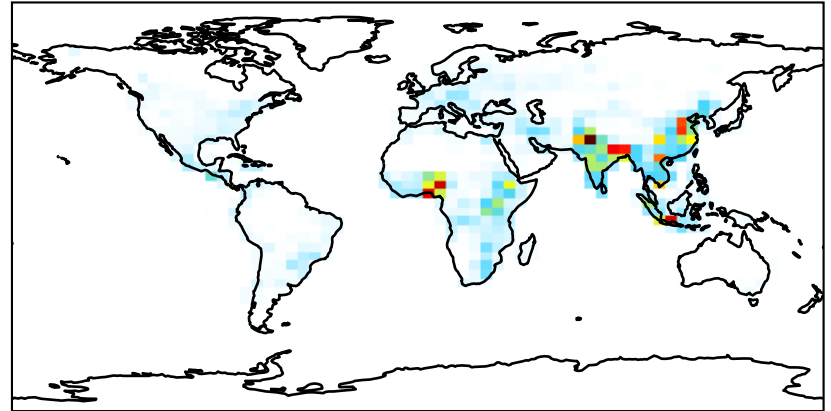


# EmisPRPE\_Anthro (Apr2019)

GCC\_13.4.0-rc.4 (Ref)  
4.0x5.0



GCC\_14.0.0-rc.3 (Dev)  
4.0x5.0



Difference  
Dev - Ref, Dynamic Range



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



Ratio  
Dev/Ref, Dynamic Range

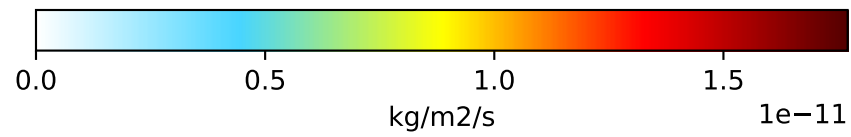
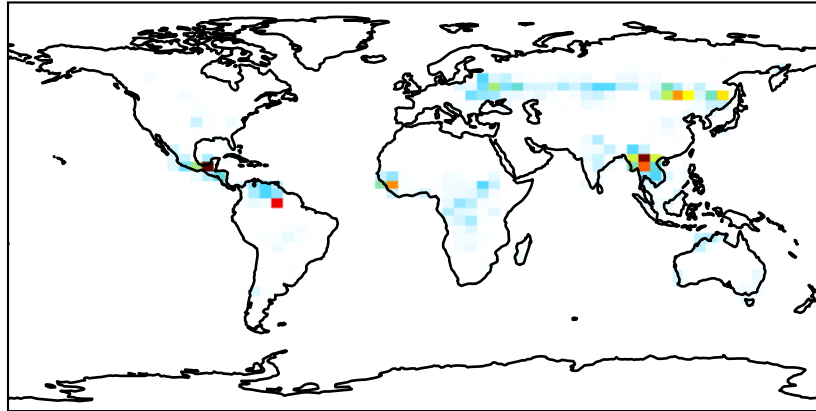


Ratio  
Dev/Ref, Fixed Range

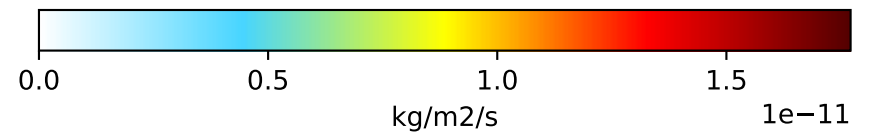
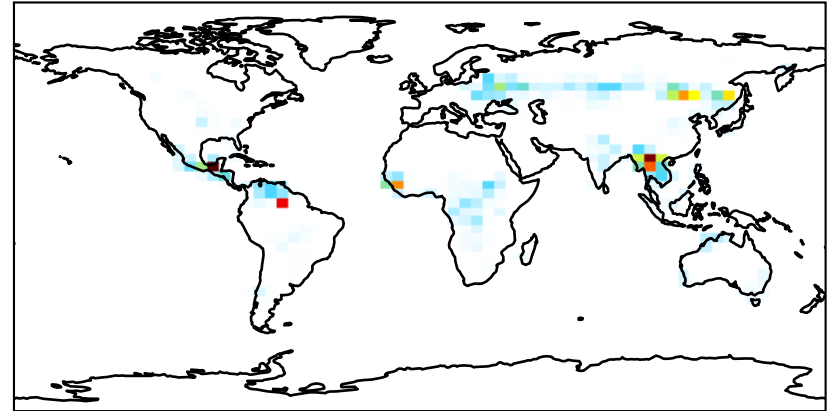


# EmisPRPE\_BioBurn (Apr2019)

GCC\_13.4.0-rc.4 (Ref)  
4.0x5.0



GCC\_14.0.0-rc.3 (Dev)  
4.0x5.0



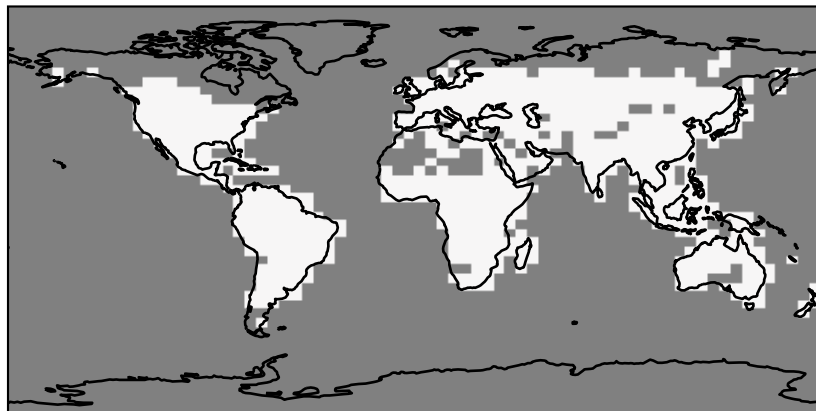
Difference  
Dev - Ref, Dynamic Range



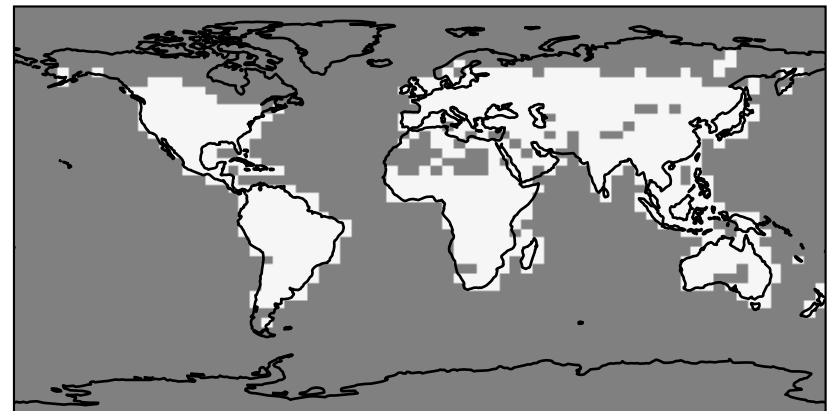
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

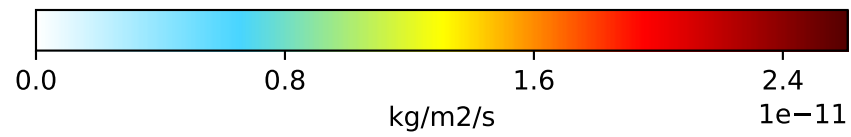
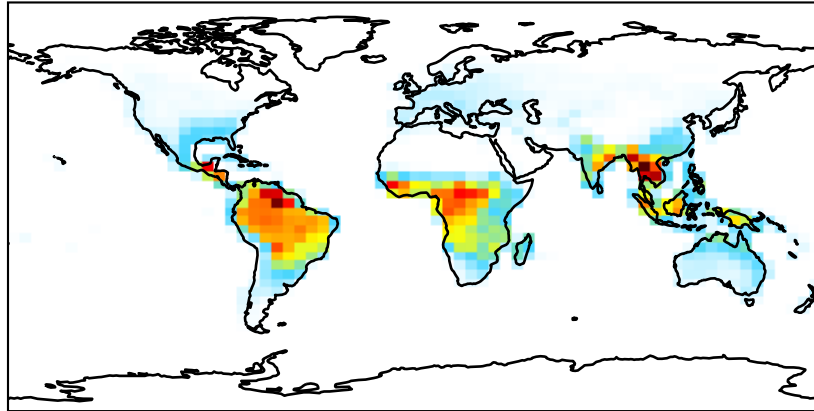


Ratio  
Dev/Ref, Fixed Range

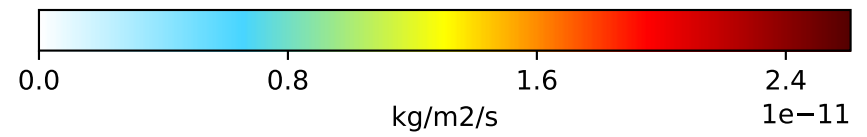
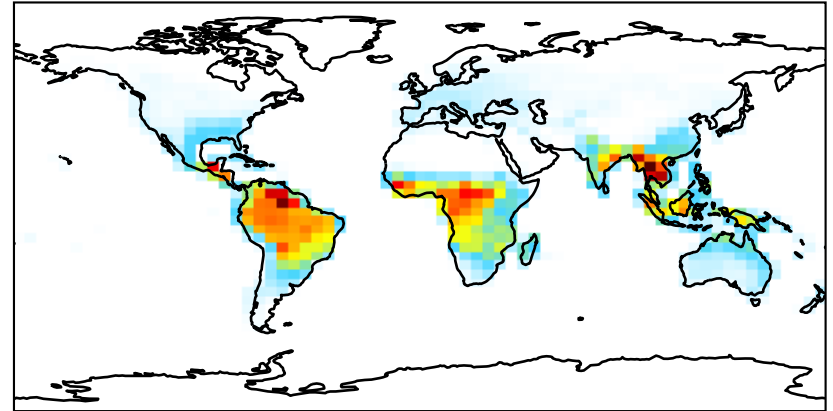


# EmisPRPE\_Biogenic (Apr2019)

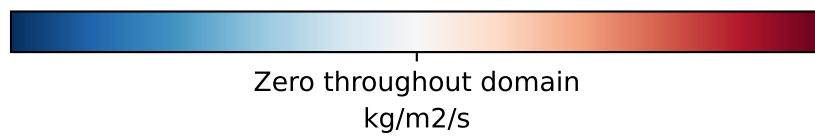
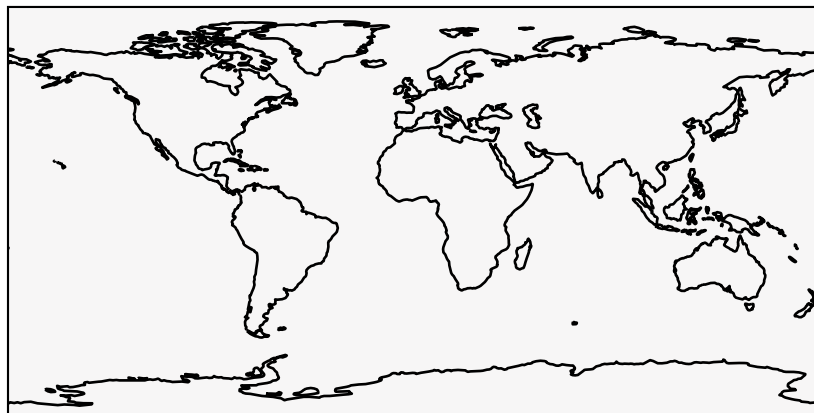
GCC\_13.4.0-rc.4 (Ref)  
4.0x5.0



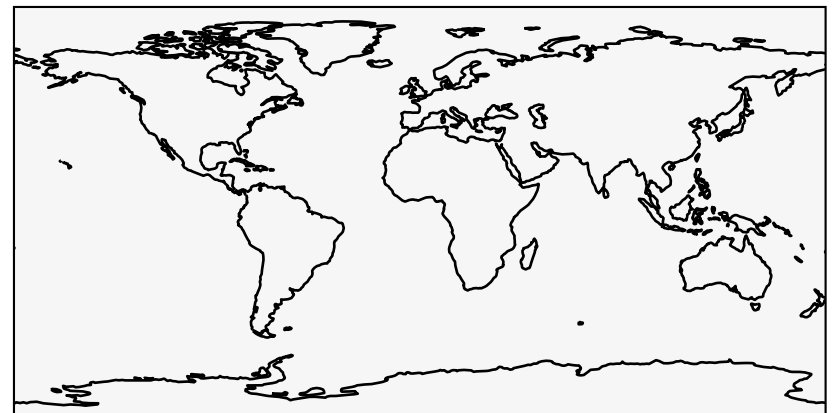
GCC\_14.0.0-rc.3 (Dev)  
4.0x5.0



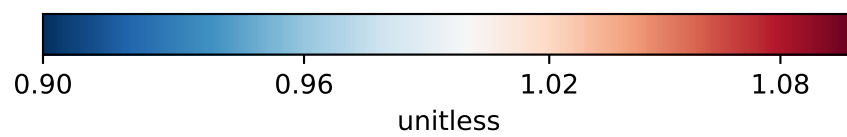
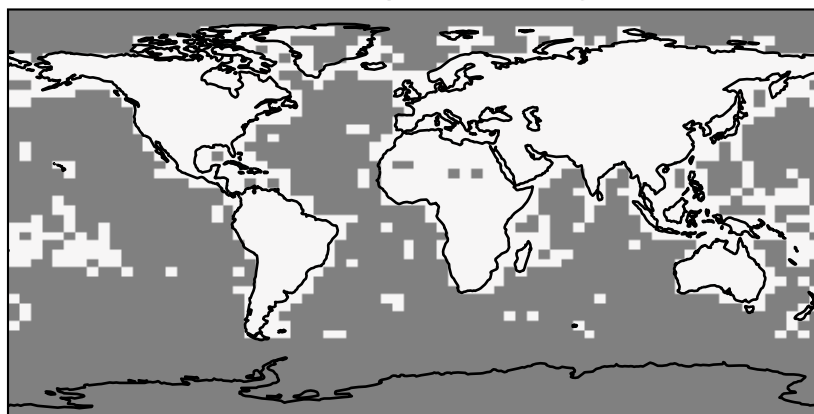
Difference  
Dev - Ref, Dynamic Range



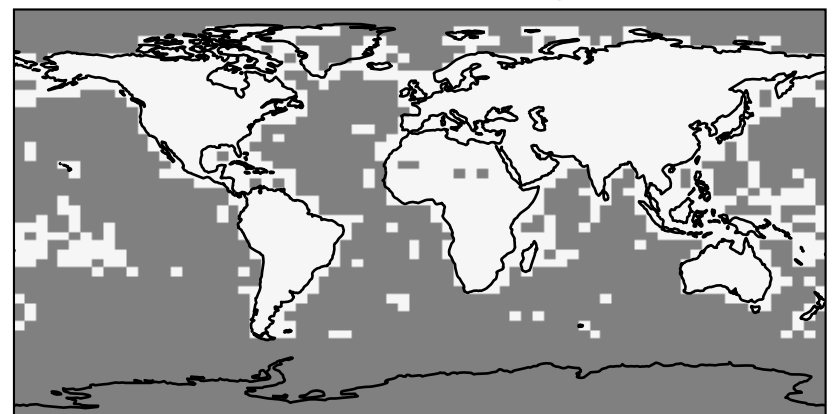
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

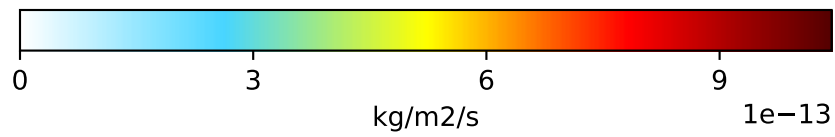
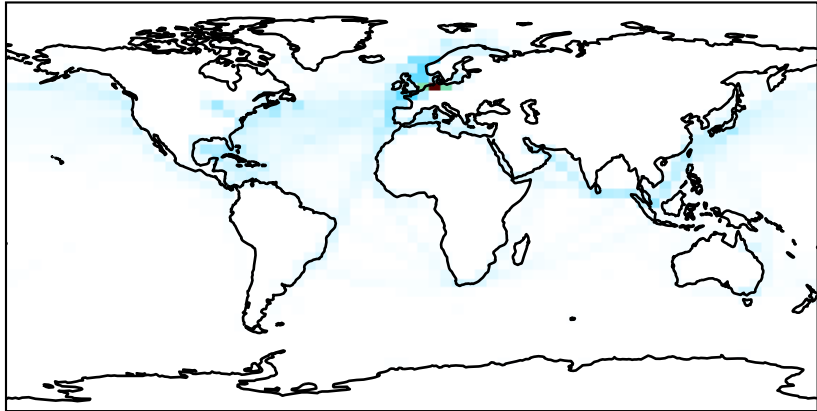


Ratio  
Dev/Ref, Fixed Range

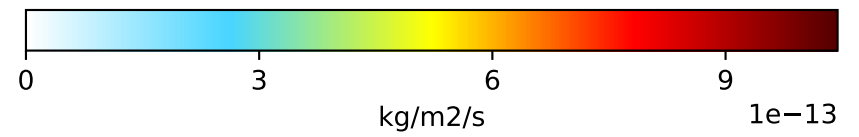
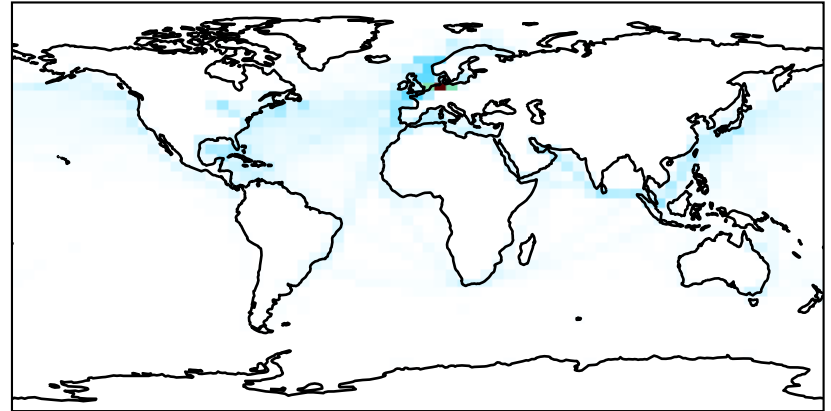


# EmisPRPE\_Ship (Apr2019)

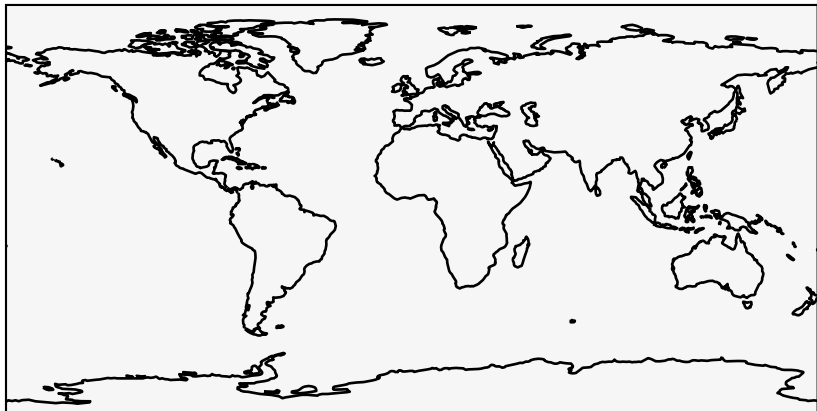
GCC\_13.4.0-rc.4 (Ref)  
4.0x5.0



GCC\_14.0.0-rc.3 (Dev)  
4.0x5.0



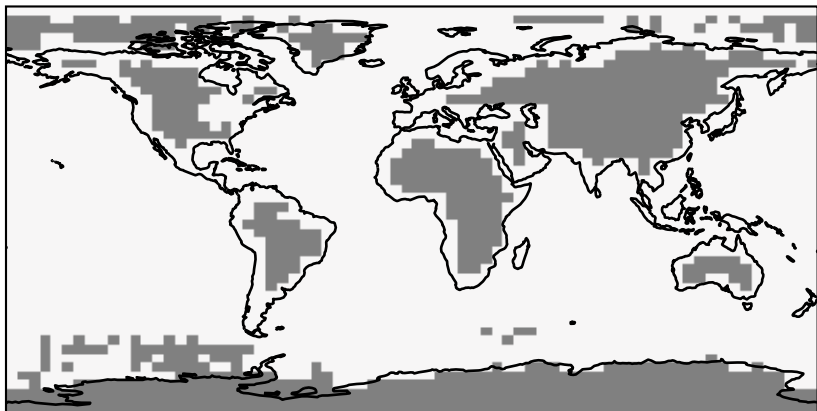
Difference  
Dev - Ref, Dynamic Range



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



Ratio  
Dev/Ref, Dynamic Range

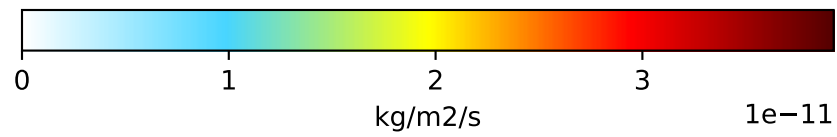
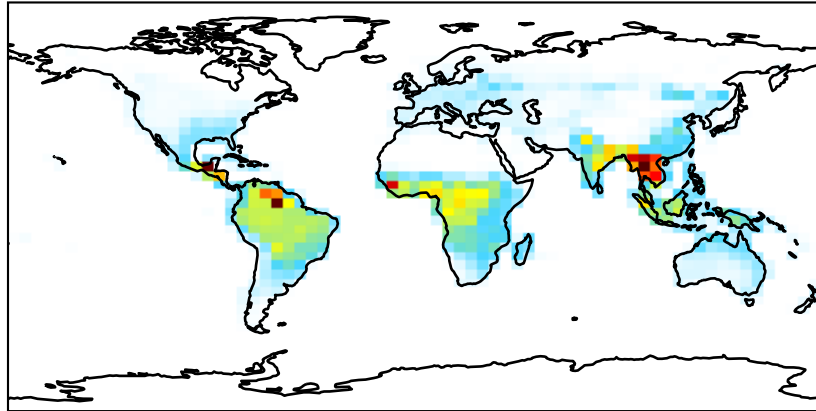


Ratio  
Dev/Ref, Fixed Range

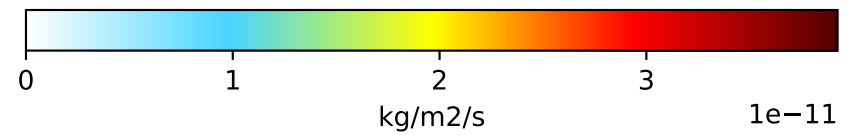
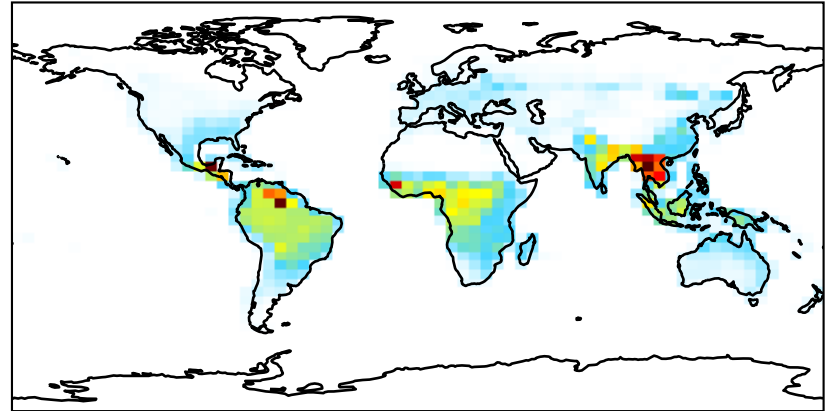


# EmisPRPE\_Total (Apr2019)

GCC\_13.4.0-rc.4 (Ref)  
4.0x5.0



GCC\_14.0.0-rc.3 (Dev)  
4.0x5.0



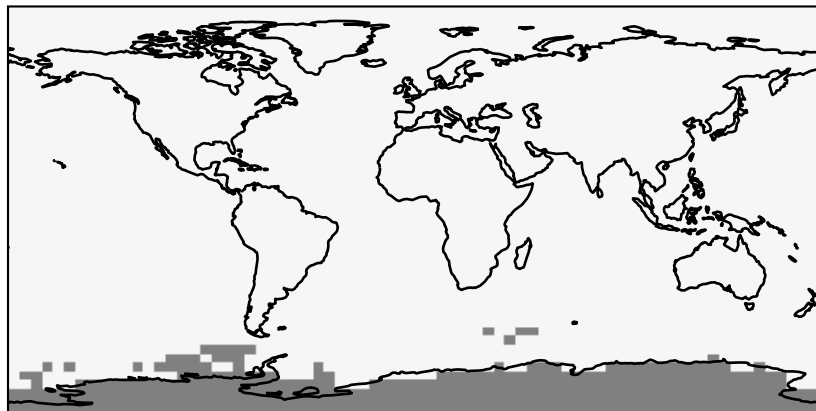
Difference  
Dev - Ref, Dynamic Range



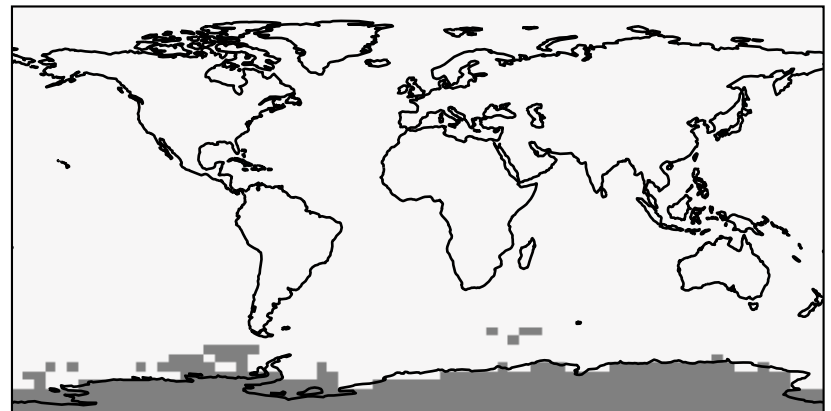
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

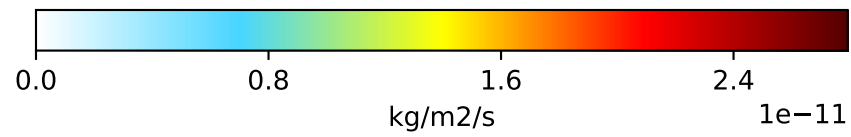
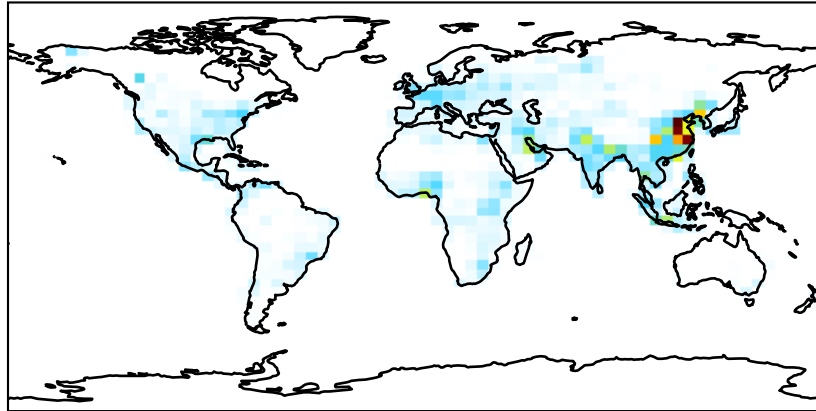


Ratio  
Dev/Ref, Fixed Range

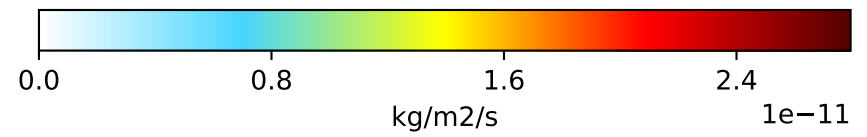
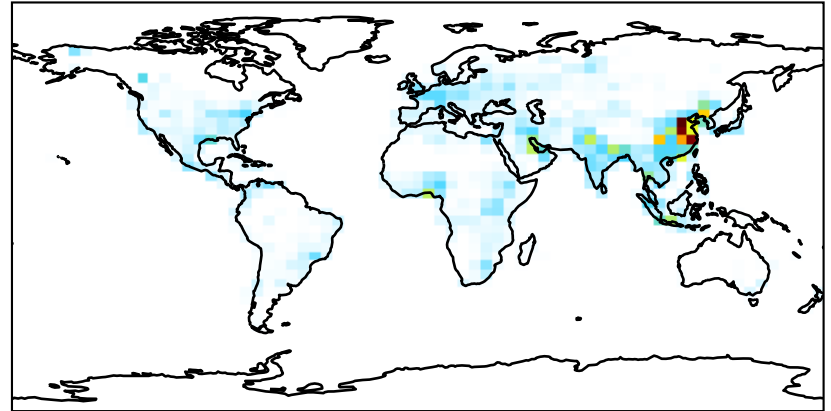


# EmisTOLU\_Anthro (Apr2019)

GCC\_13.4.0-rc.4 (Ref)  
4.0x5.0



GCC\_14.0.0-rc.3 (Dev)  
4.0x5.0



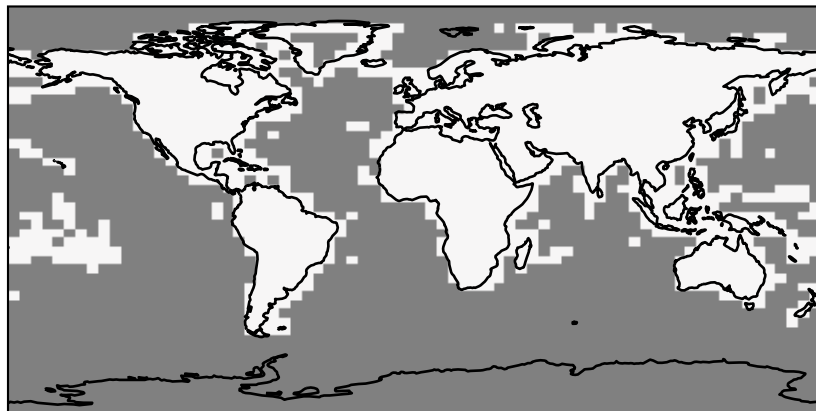
Difference  
Dev - Ref, Dynamic Range



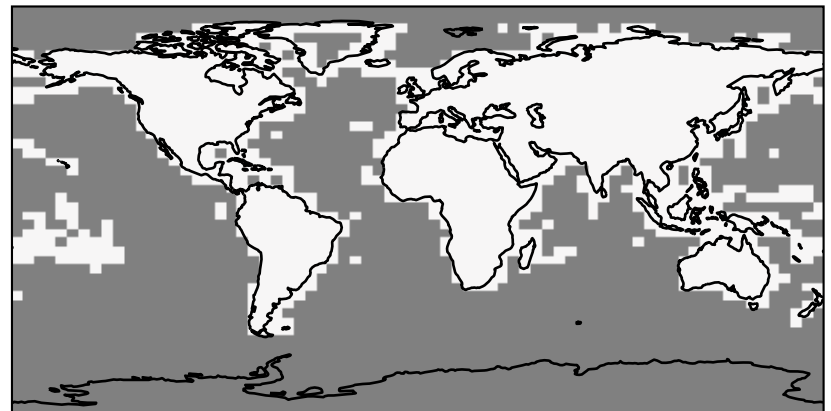
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

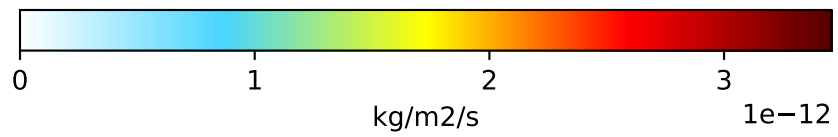
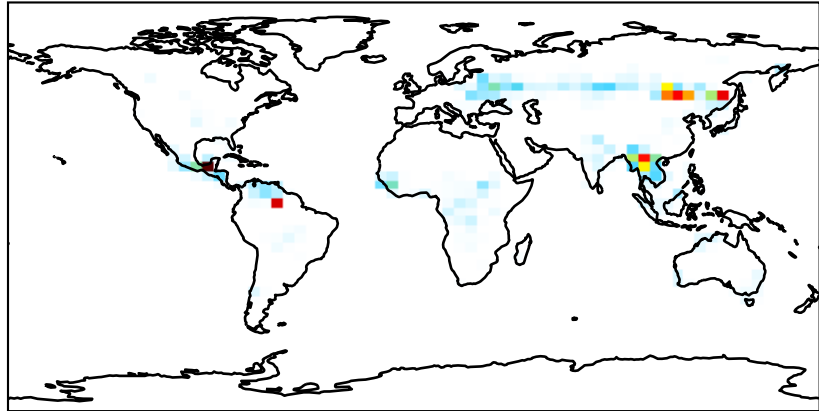


Ratio  
Dev/Ref, Fixed Range

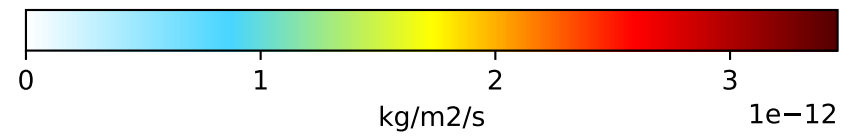
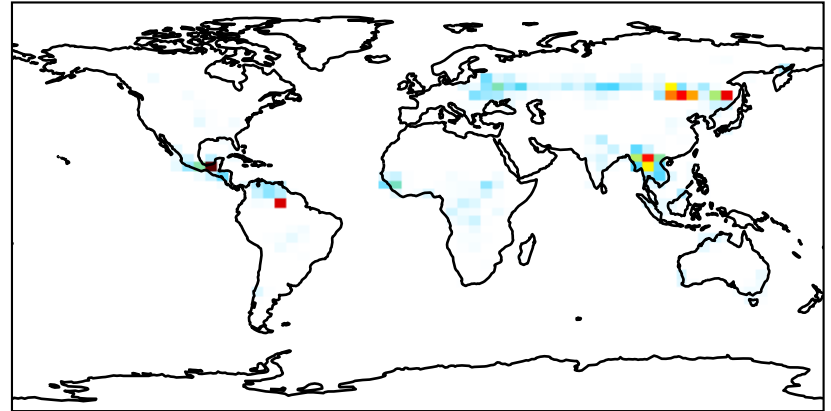


# EmisTOLU\_BioBurn (Apr2019)

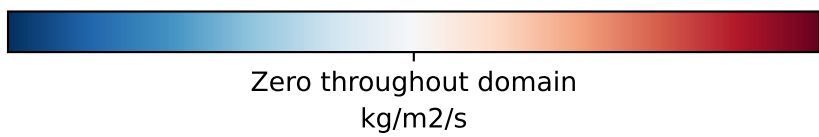
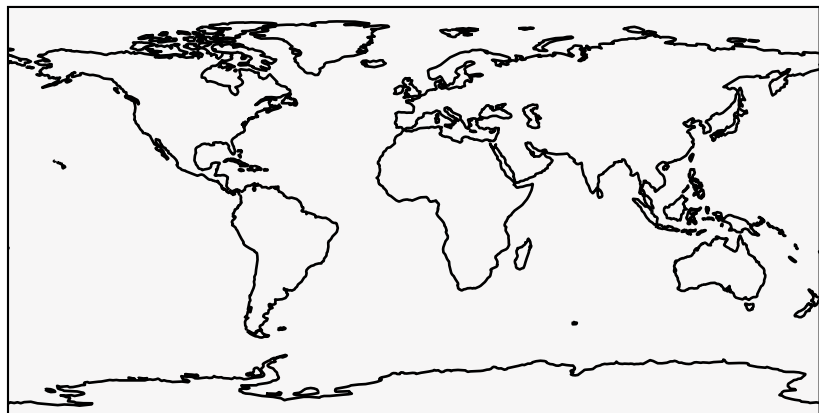
GCC\_13.4.0-rc.4 (Ref)  
4.0x5.0



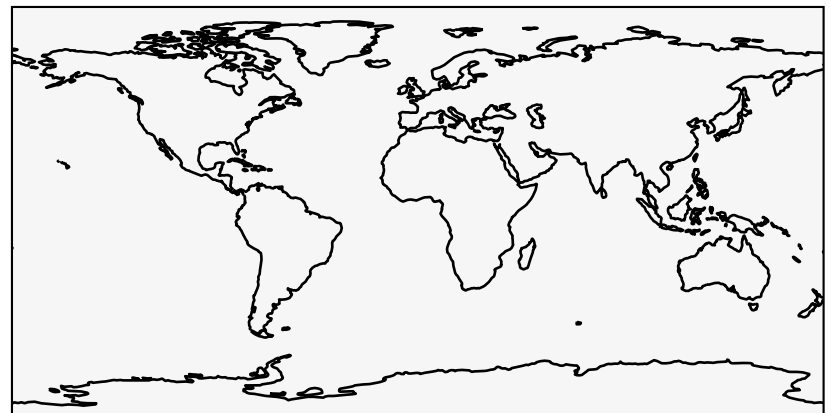
GCC\_14.0.0-rc.3 (Dev)  
4.0x5.0



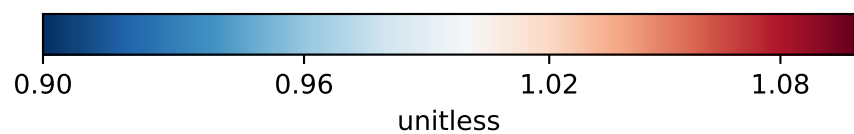
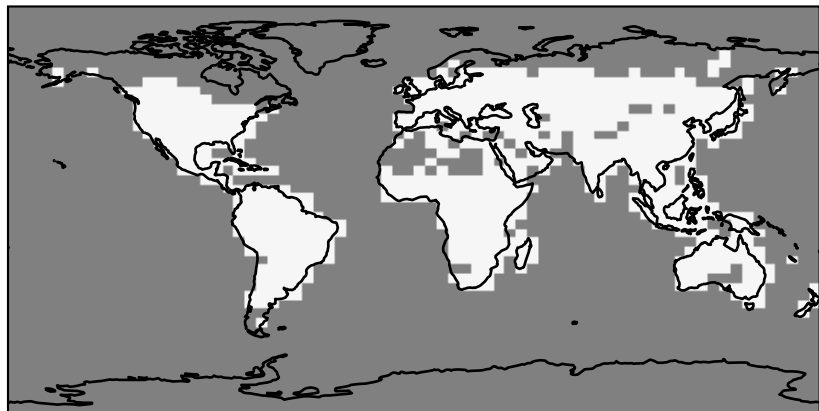
Difference  
Dev - Ref, Dynamic Range



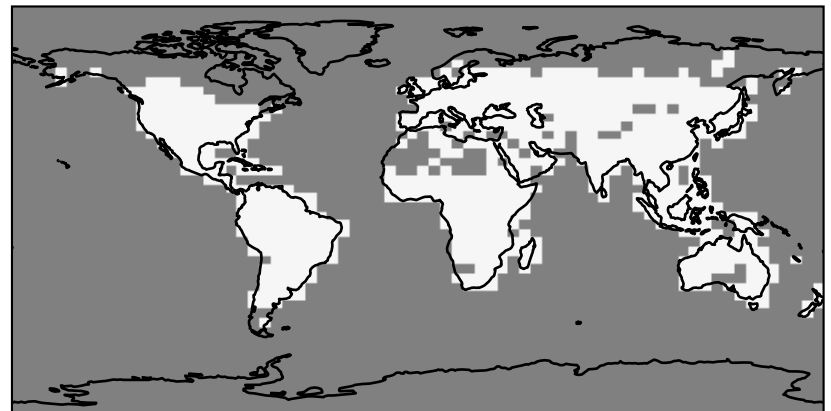
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

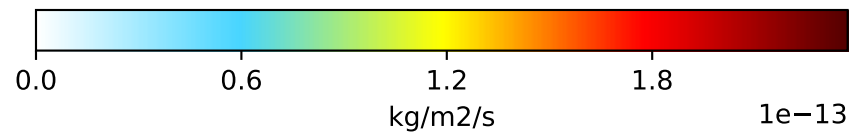
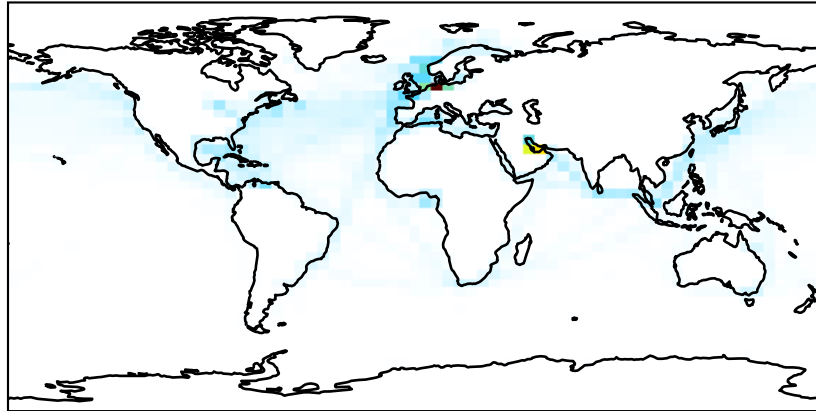


Ratio  
Dev/Ref, Fixed Range

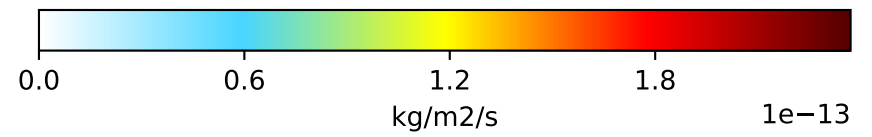
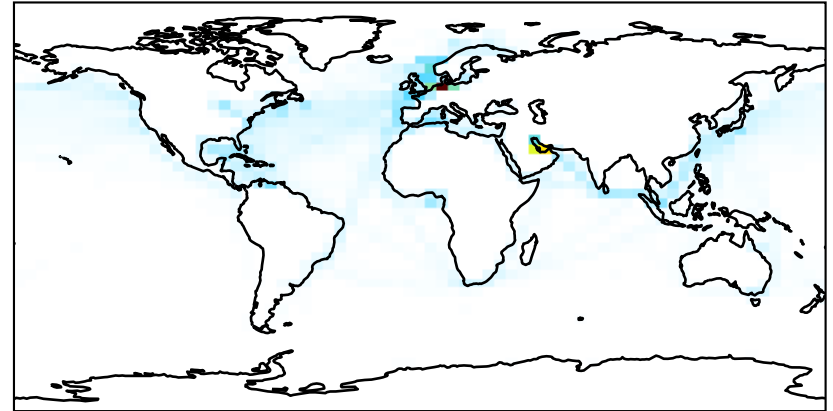


# EmisTOLU\_Ship (Apr2019)

GCC\_13.4.0-rc.4 (Ref)  
4.0x5.0



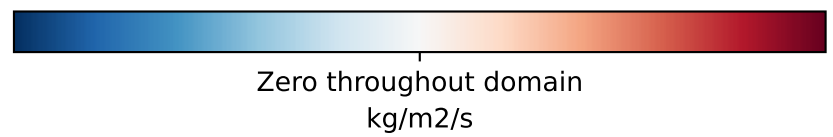
GCC\_14.0.0-rc.3 (Dev)  
4.0x5.0



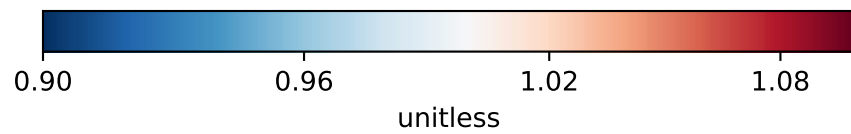
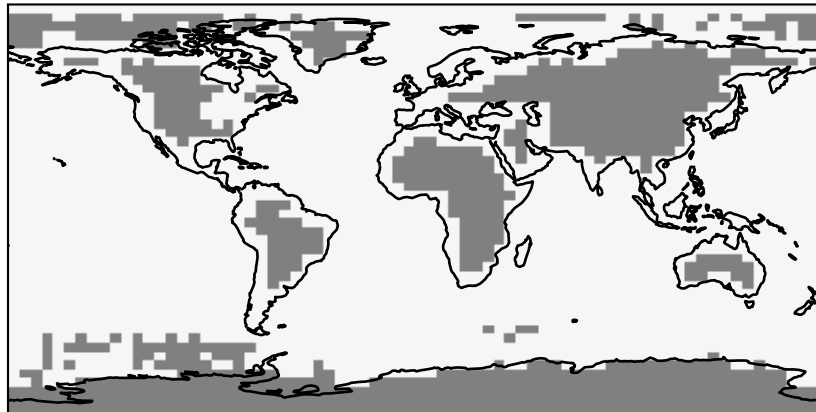
Difference  
Dev - Ref, Dynamic Range



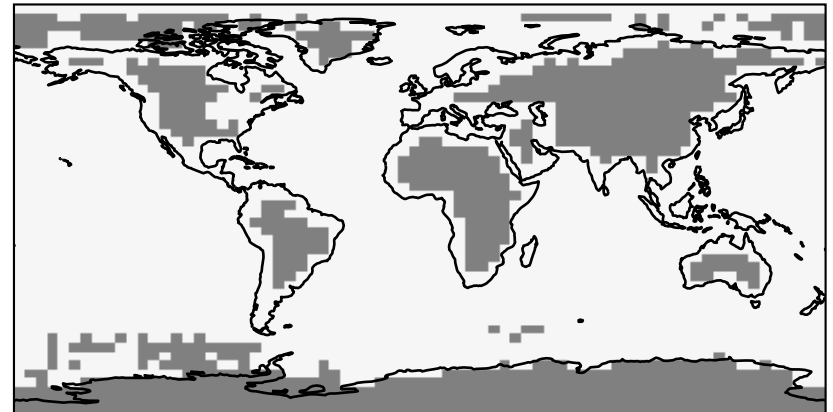
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range



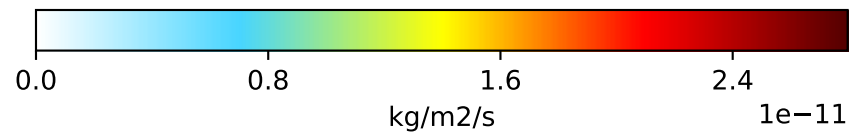
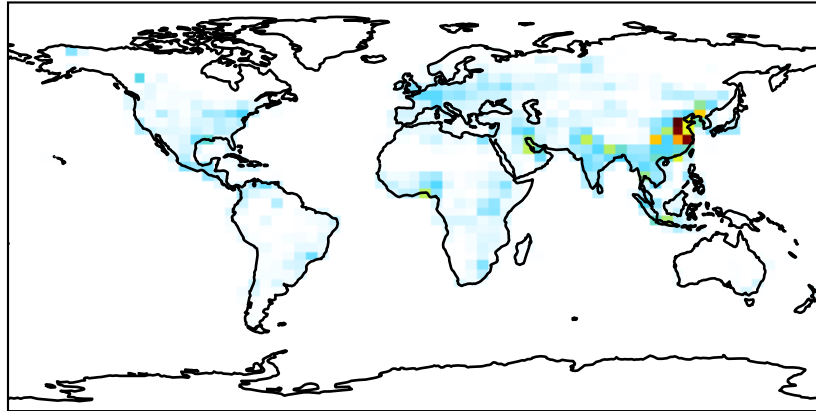
Ratio  
Dev/Ref, Fixed Range



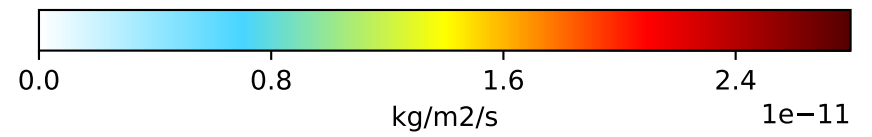
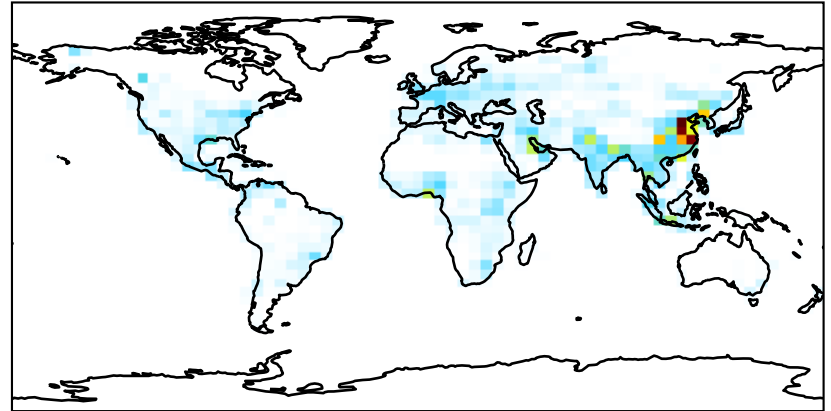


# EmisTOLU\_Total (Apr2019)

GCC\_13.4.0-rc.4 (Ref)  
4.0x5.0



GCC\_14.0.0-rc.3 (Dev)  
4.0x5.0



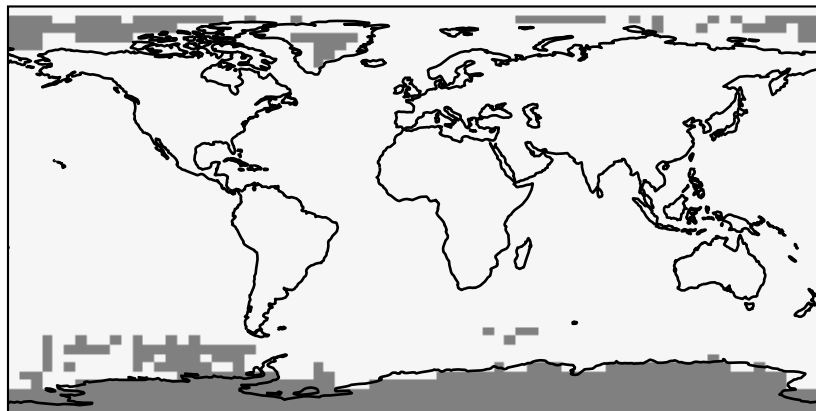
Difference  
Dev - Ref, Dynamic Range



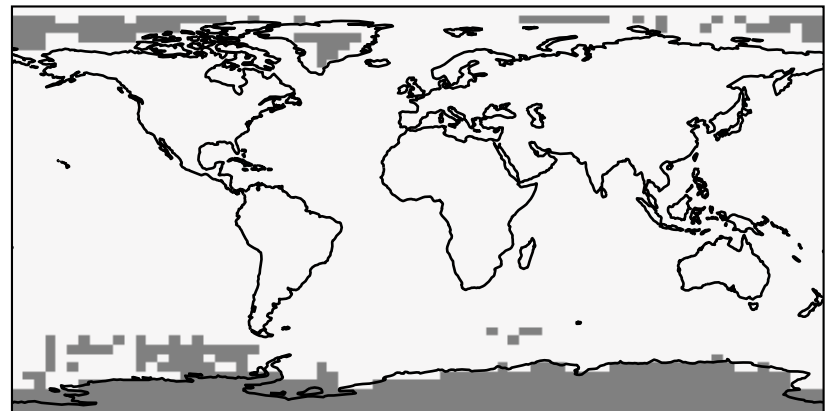
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

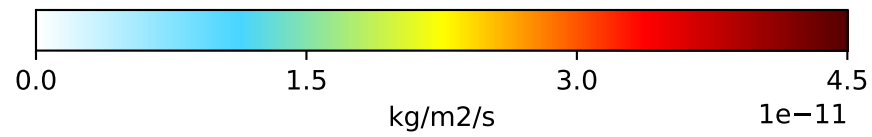
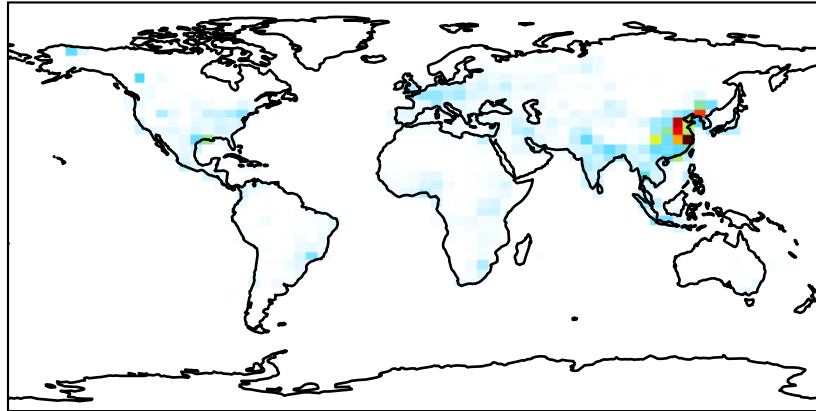


Ratio  
Dev/Ref, Fixed Range

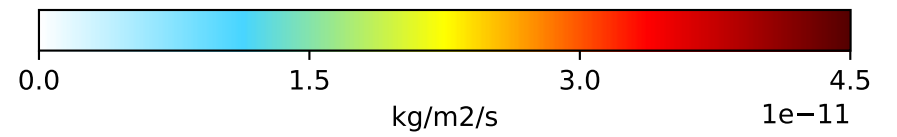
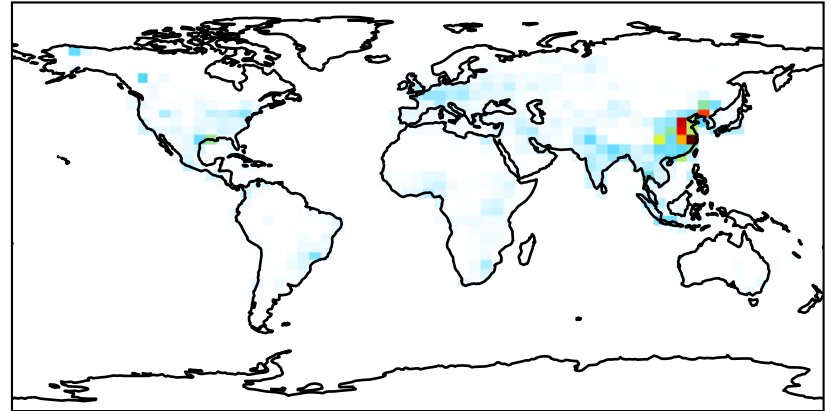


# EmisXYLE\_Anthro (Apr2019)

GCC\_13.4.0-rc.4 (Ref)  
4.0x5.0



GCC\_14.0.0-rc.3 (Dev)  
4.0x5.0



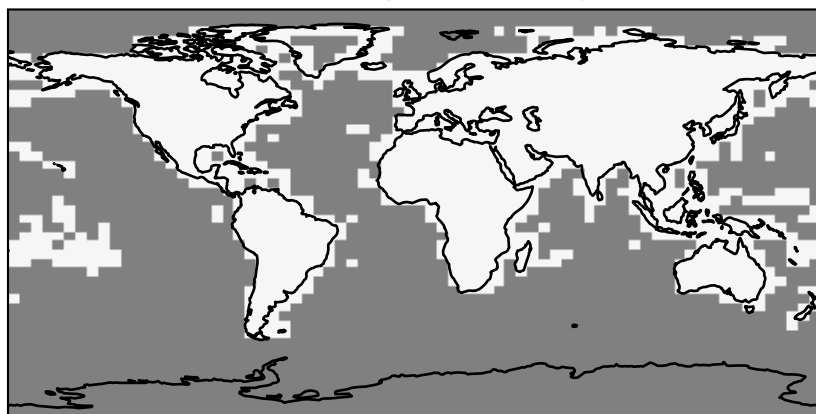
Difference  
Dev - Ref, Dynamic Range



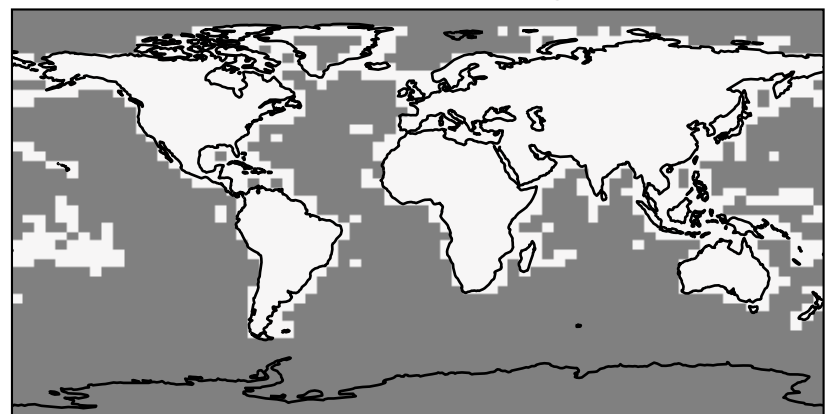
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

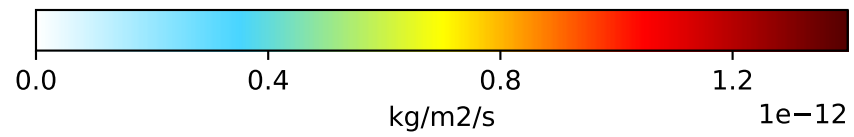
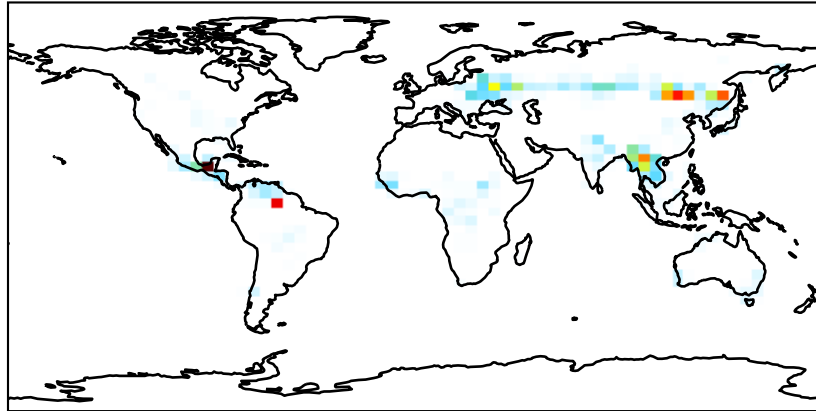


Ratio  
Dev/Ref, Fixed Range

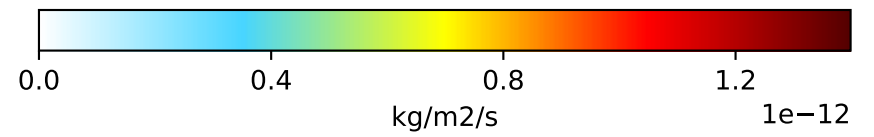
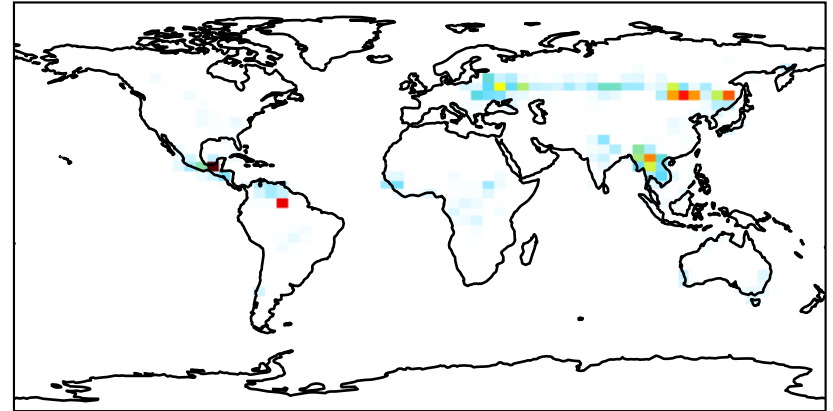


# EmisXYLE\_BioBurn (Apr2019)

GCC\_13.4.0-rc.4 (Ref)  
4.0x5.0



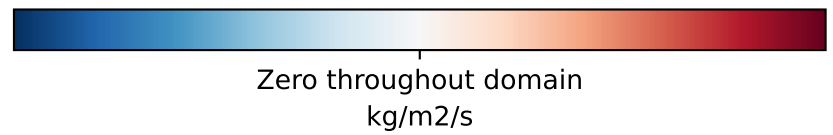
GCC\_14.0.0-rc.3 (Dev)  
4.0x5.0



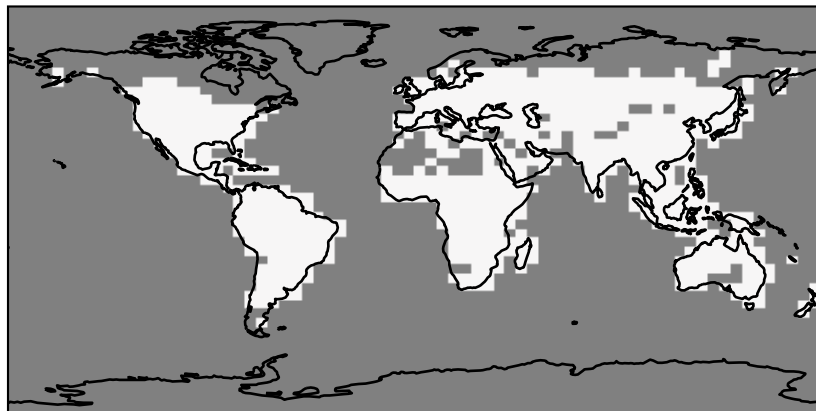
Difference  
Dev - Ref, Dynamic Range



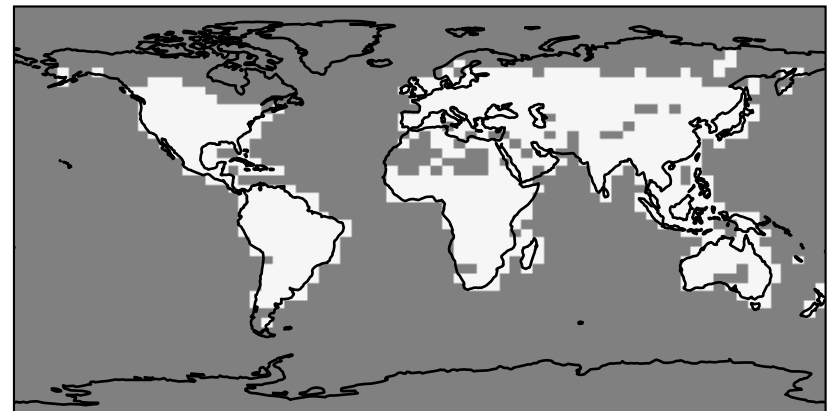
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

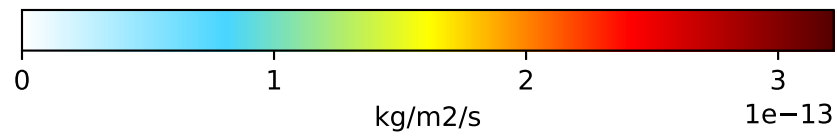


Ratio  
Dev/Ref, Fixed Range

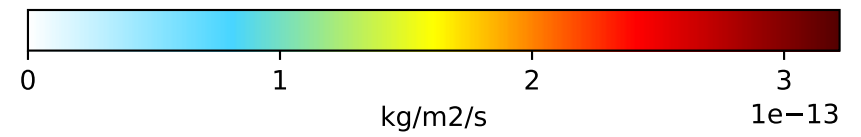
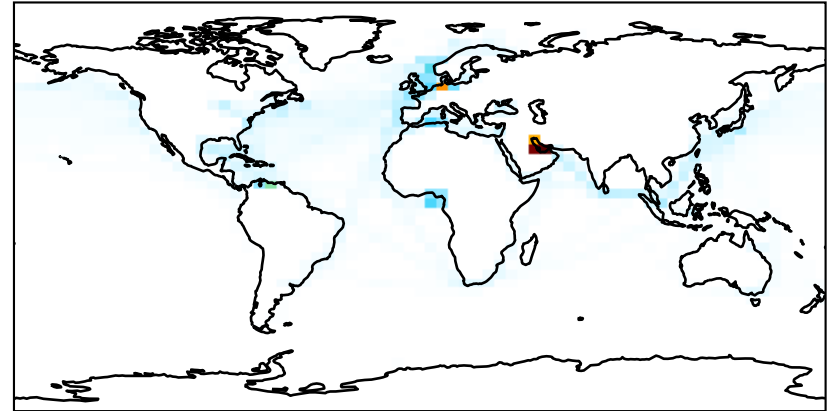


# EmisXYLE\_Ship (Apr2019)

GCC\_13.4.0-rc.4 (Ref)  
4.0x5.0



GCC\_14.0.0-rc.3 (Dev)  
4.0x5.0



Difference  
Dev - Ref, Dynamic Range



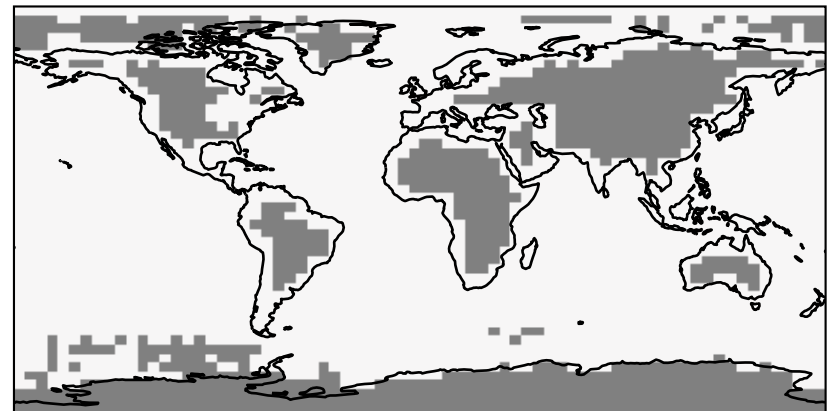
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

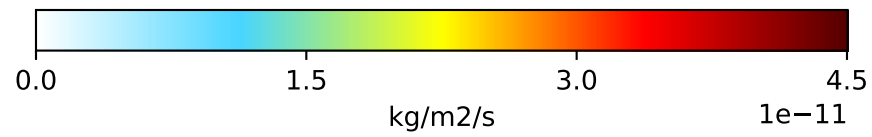
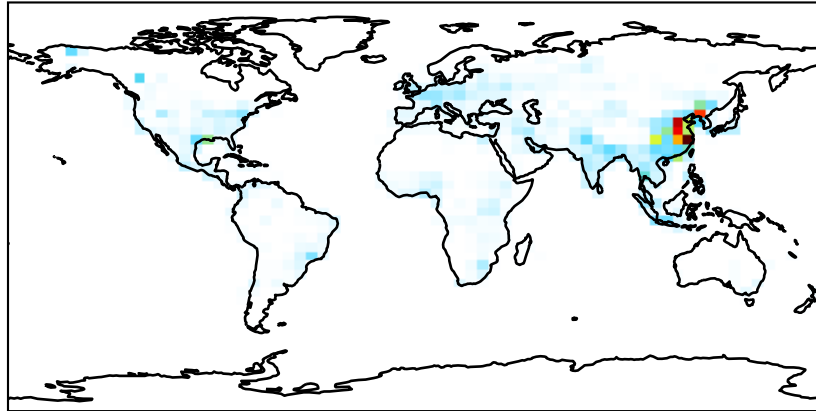


Ratio  
Dev/Ref, Fixed Range

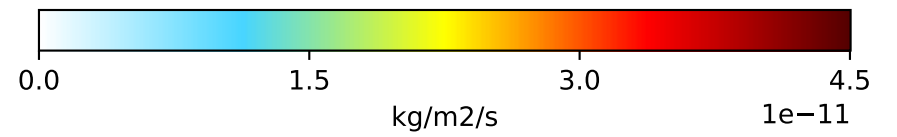
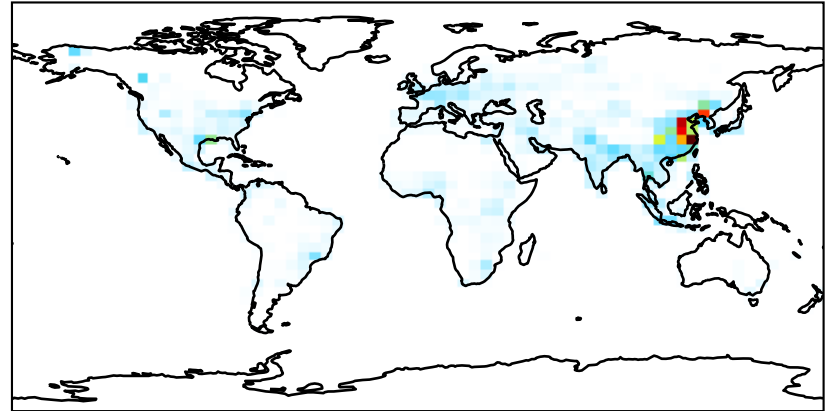


# EmisXYLE\_Total (Apr2019)

GCC\_13.4.0-rc.4 (Ref)  
4.0x5.0



GCC\_14.0.0-rc.3 (Dev)  
4.0x5.0



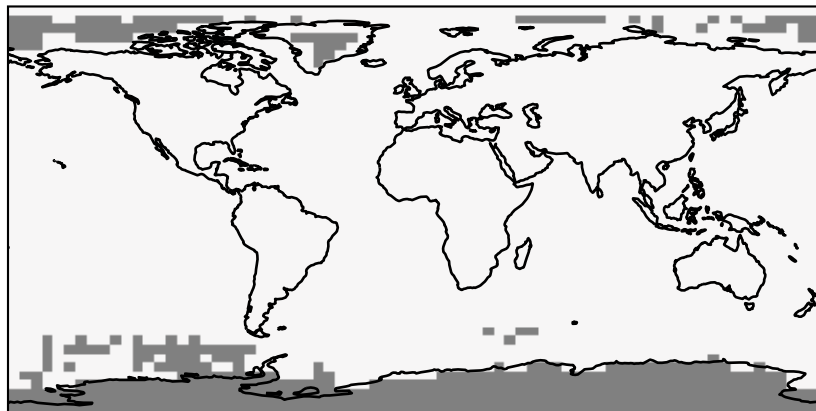
Difference  
Dev - Ref, Dynamic Range



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



Ratio  
Dev/Ref, Dynamic Range



Ratio  
Dev/Ref, Fixed Range

