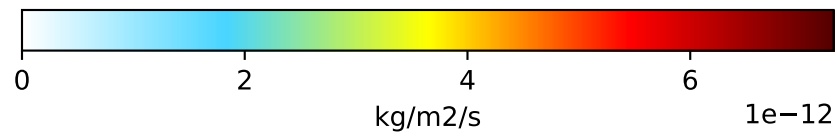
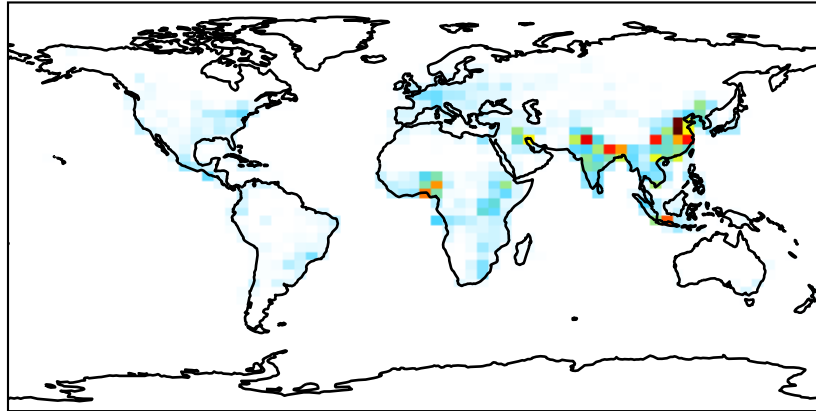
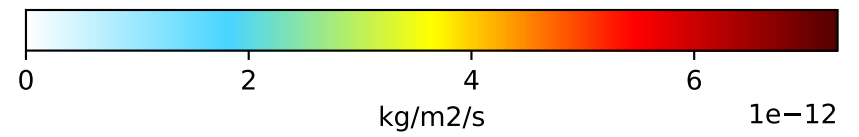
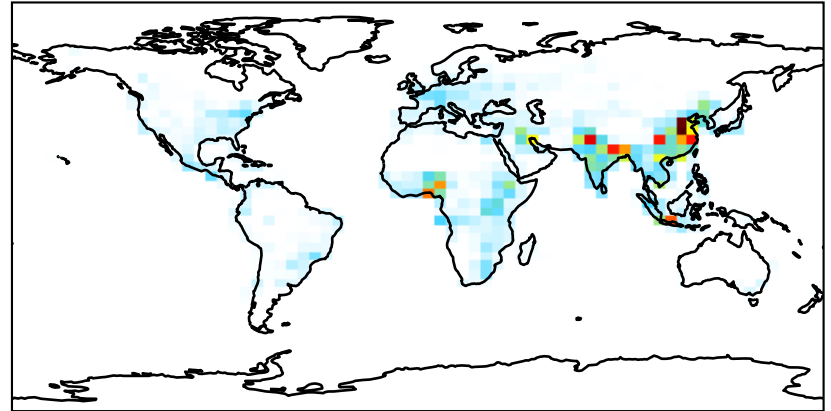


EmisEOH_Anthro (Jul2019)

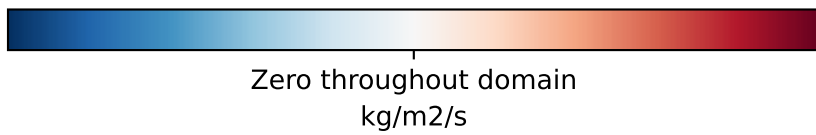
GCC_13.2.0 (Ref)
4.0x5.0



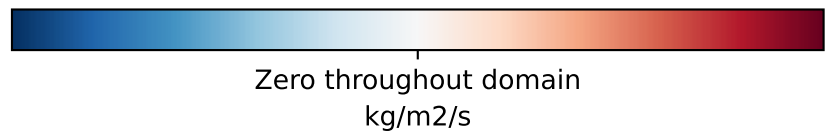
GCC_13.2.0-LuoWetdep (Dev)
4.0x5.0



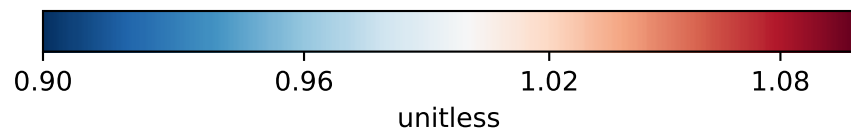
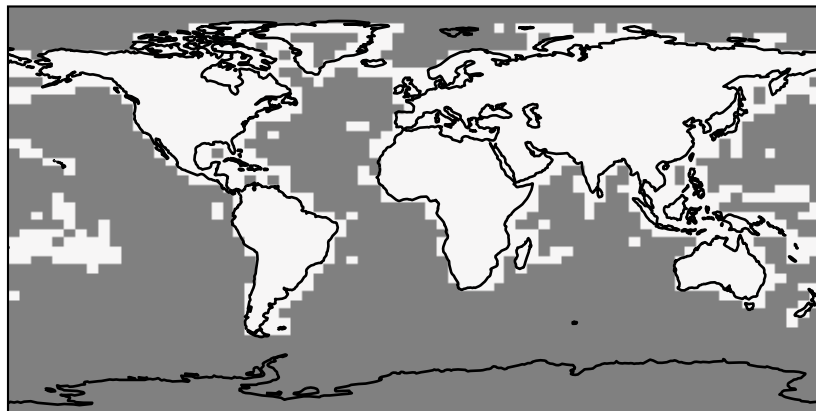
Difference
Dev - Ref, Dynamic Range



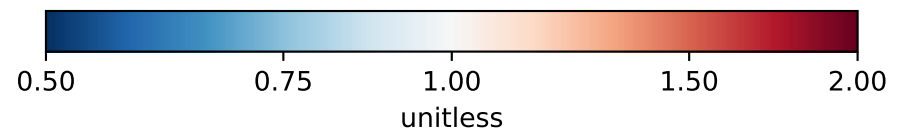
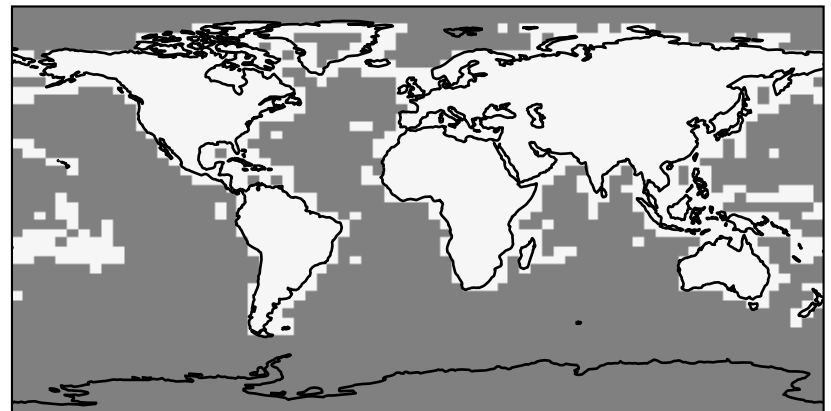
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

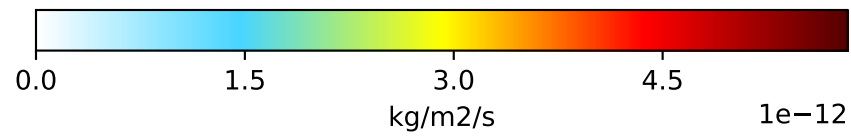
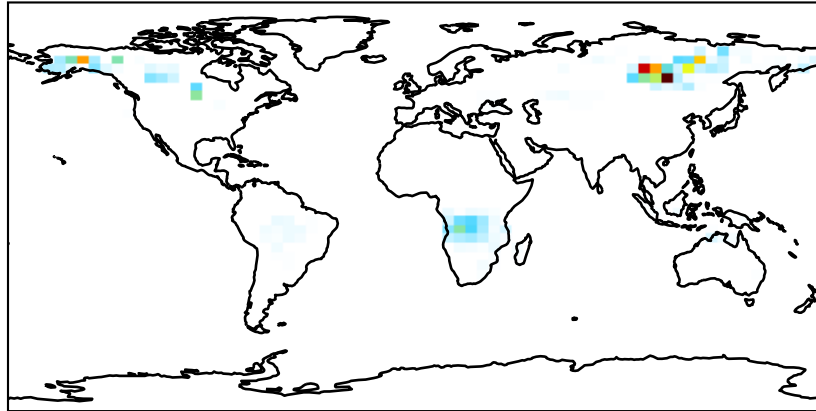


Ratio
Dev/Ref, Fixed Range

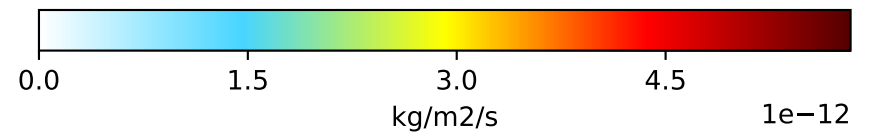
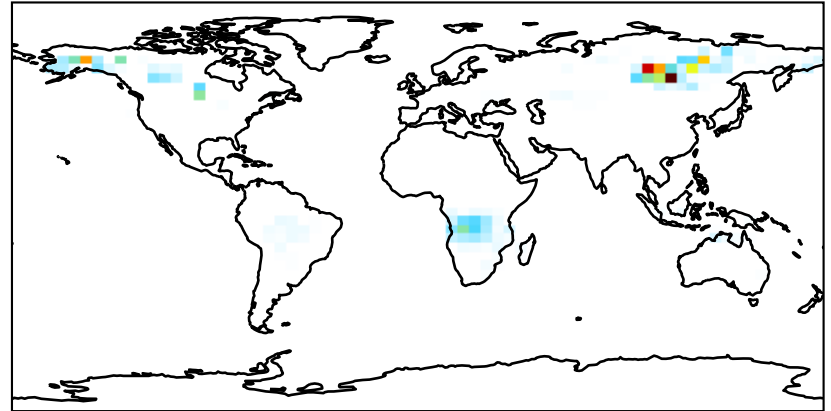


EmisEOH_BioBurn (Jul2019)

GCC_13.2.0 (Ref)
4.0x5.0



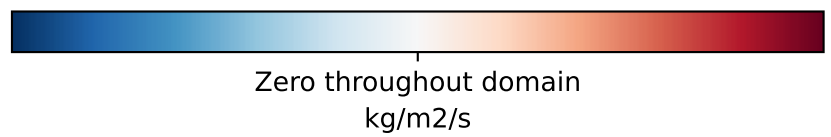
GCC_13.2.0-LuoWetdep (Dev)
4.0x5.0



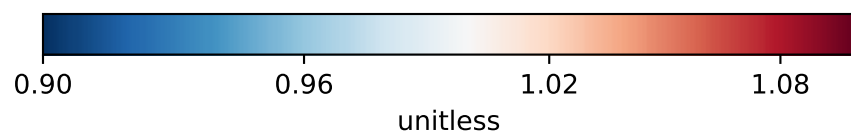
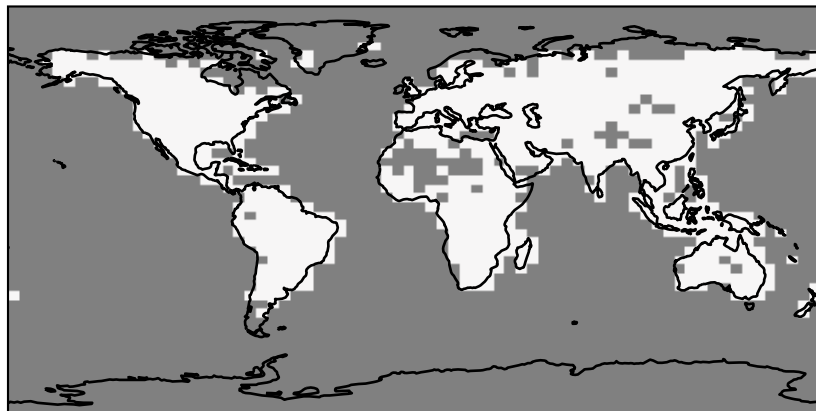
Difference
Dev - Ref, Dynamic Range



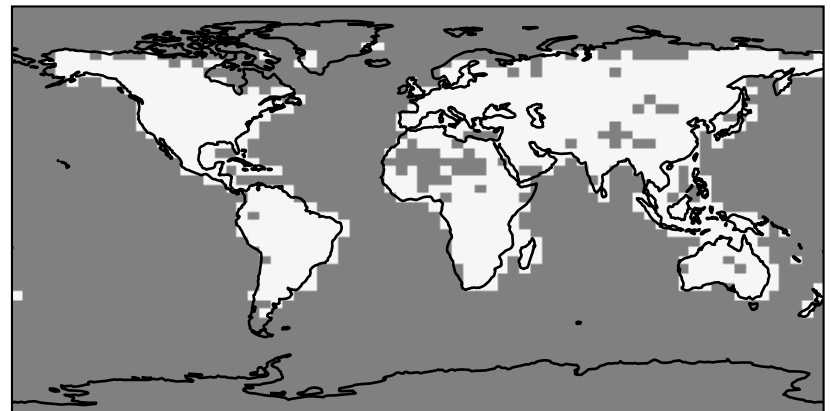
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

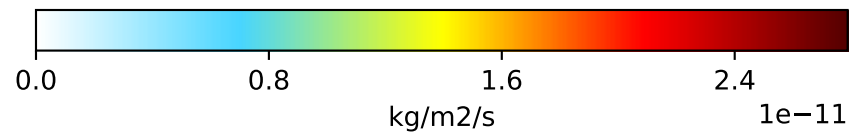
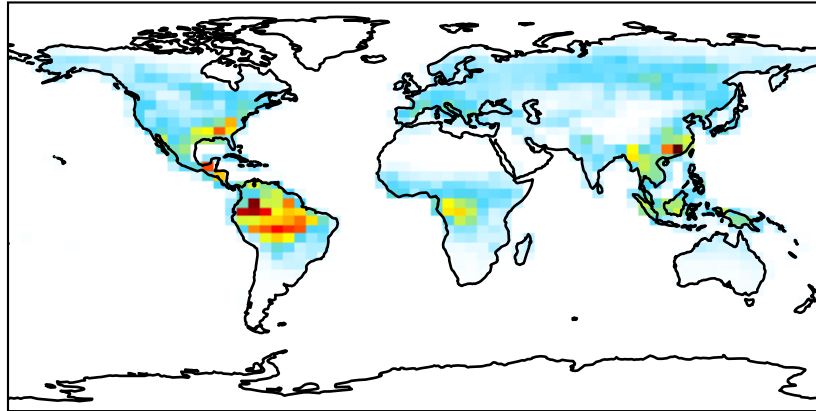


Ratio
Dev/Ref, Fixed Range

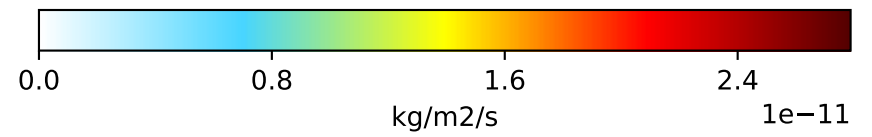
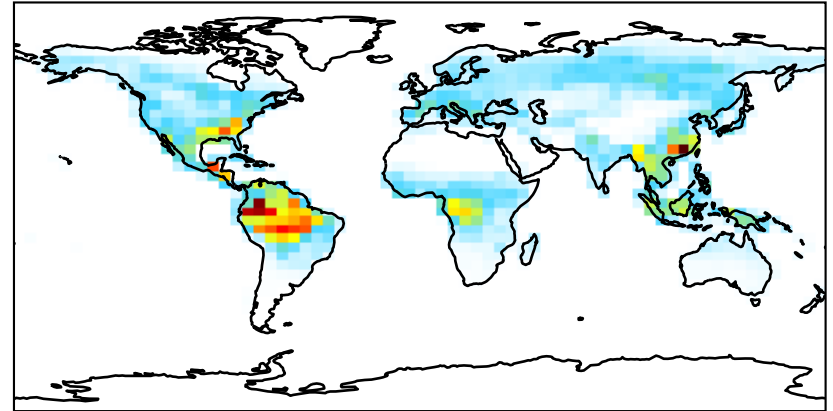


EmisEOH_Biogenic (Jul2019)

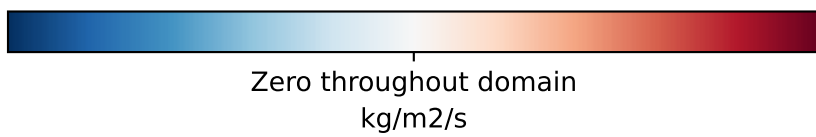
GCC_13.2.0 (Ref)
4.0x5.0



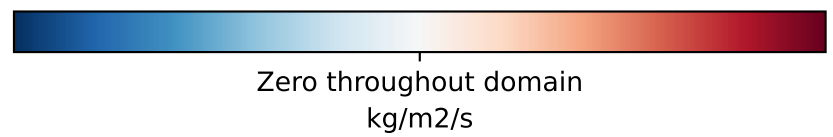
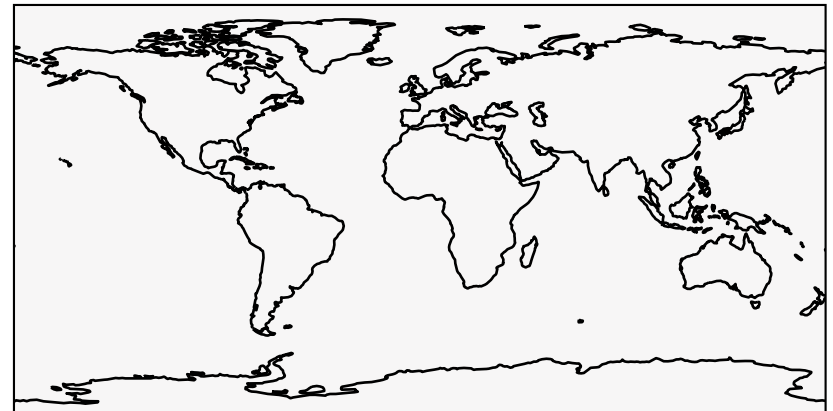
GCC_13.2.0-LuoWetdep (Dev)
4.0x5.0



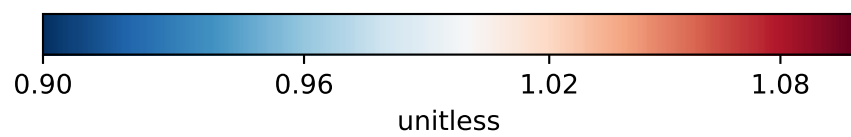
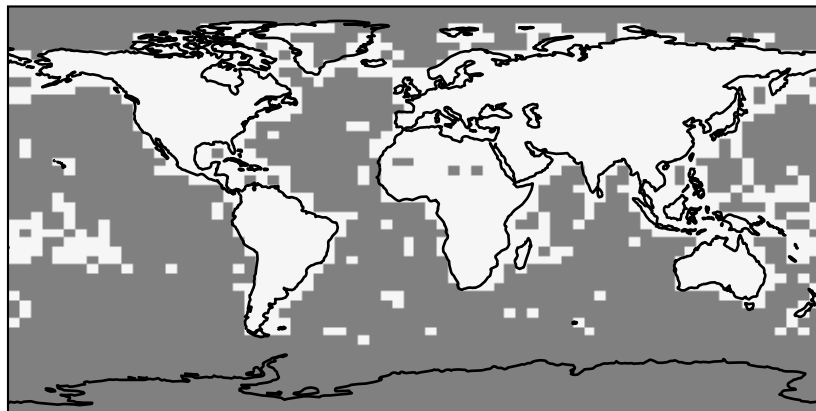
Difference
Dev - Ref, Dynamic Range



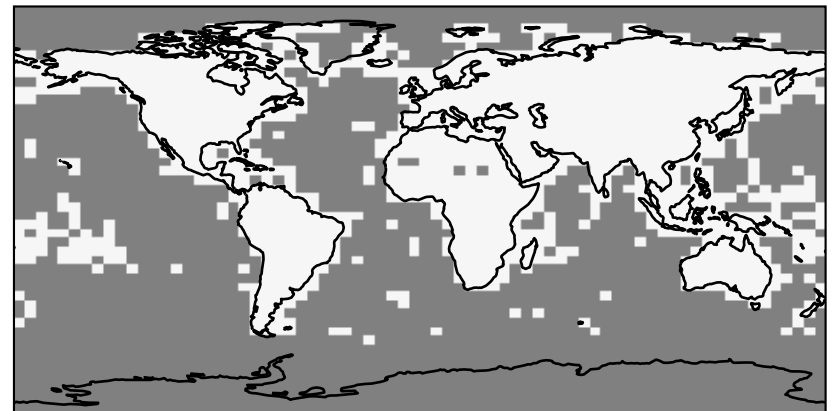
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

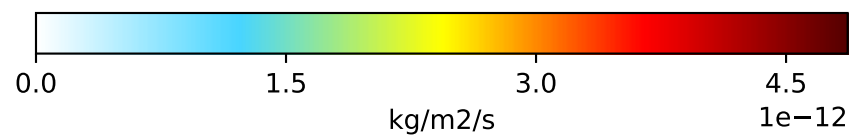
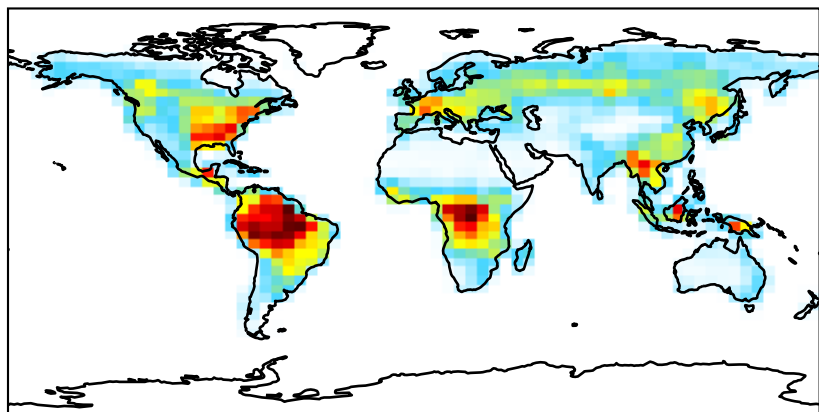


Ratio
Dev/Ref, Fixed Range

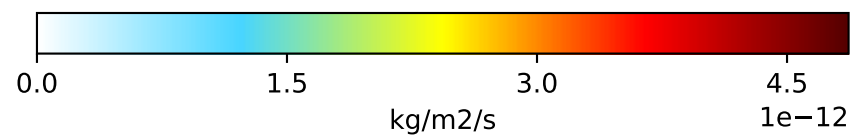
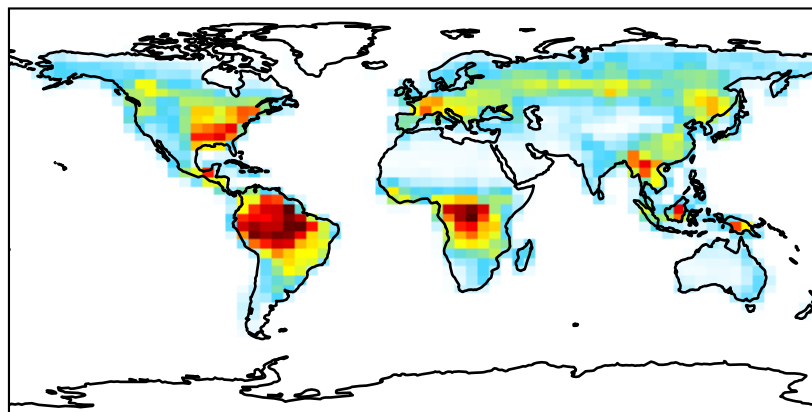


EmisEOH_PlantDecay (Jul2019)

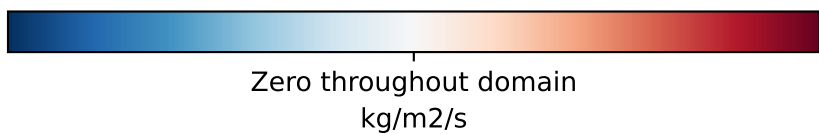
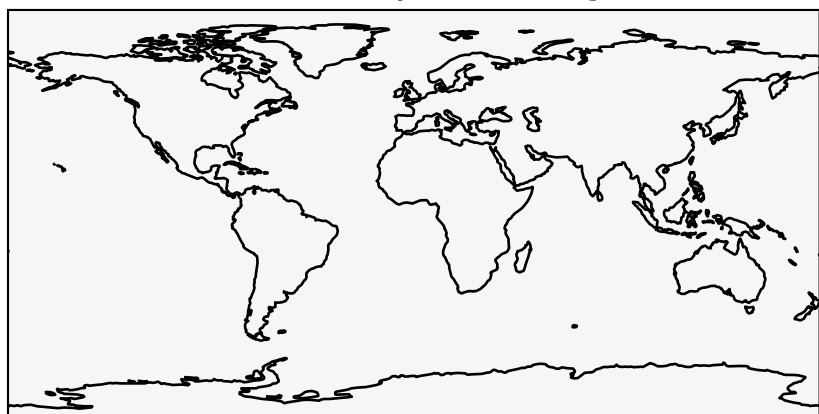
GCC_13.2.0 (Ref)
4.0x5.0



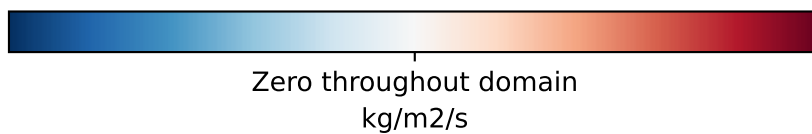
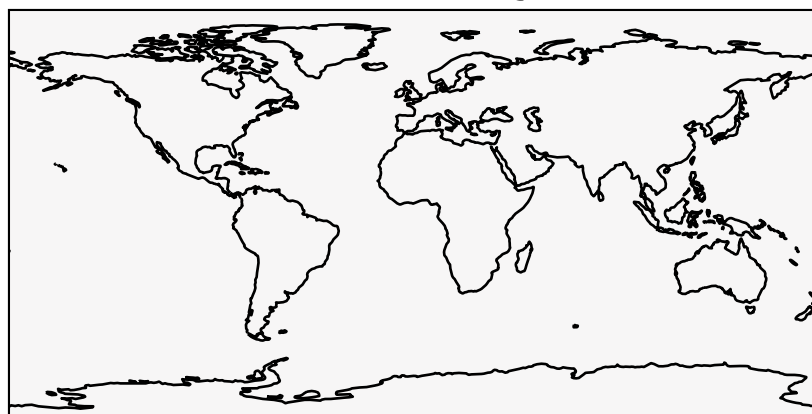
GCC_13.2.0-LuoWetdep (Dev)
4.0x5.0



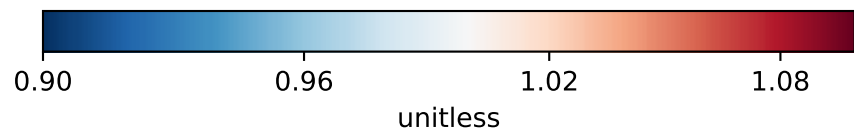
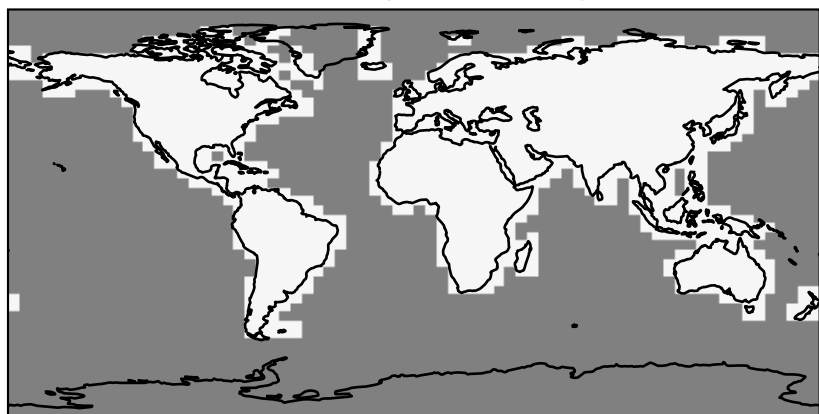
Difference
Dev - Ref, Dynamic Range



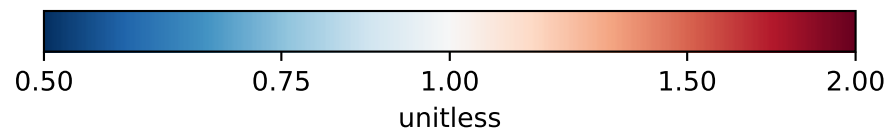
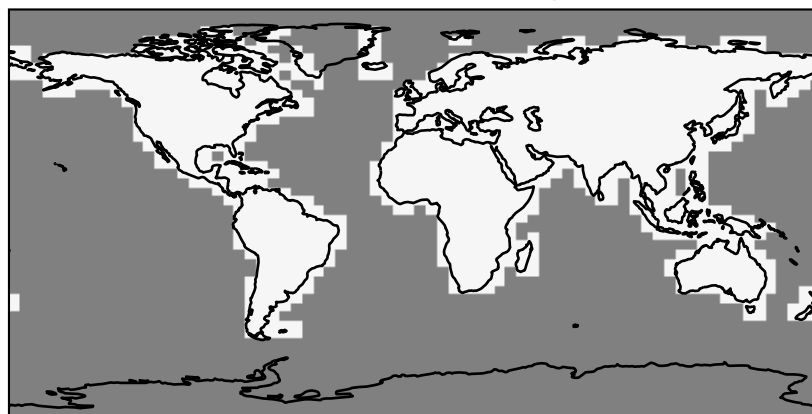
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

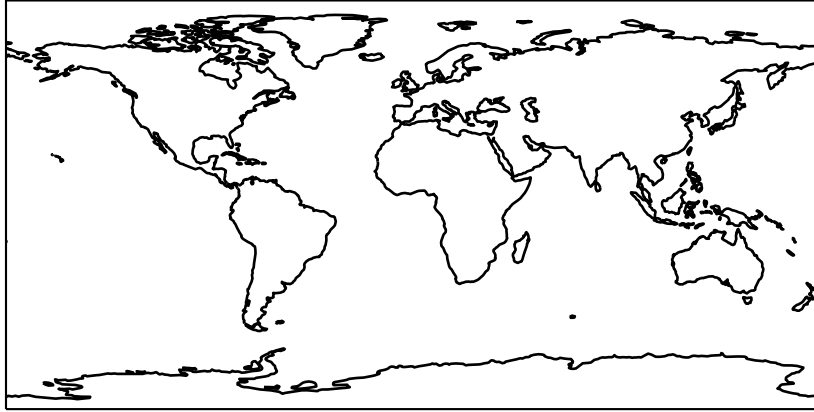


Ratio
Dev/Ref, Fixed Range



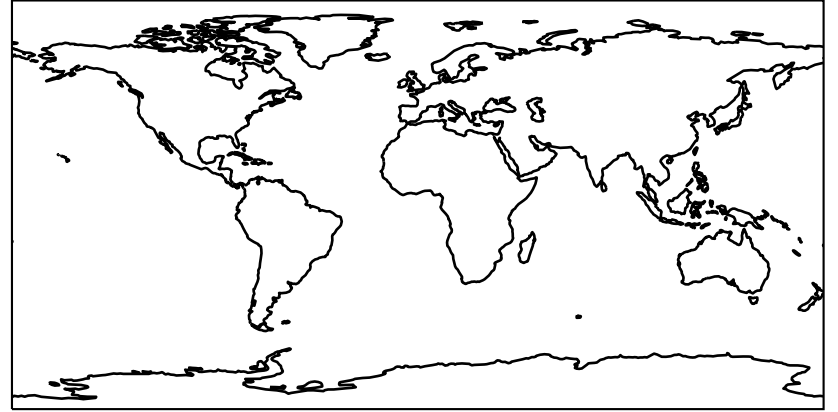
EmisEOH_Ship (Jul2019)

GCC_13.2.0 (Ref)
4.0x5.0



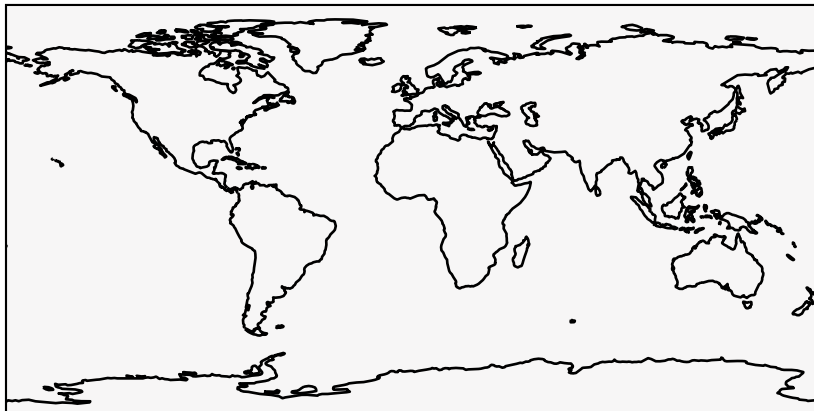
Zero throughout domain
kg/m2/s

GCC_13.2.0-LuoWetdep (Dev)
4.0x5.0



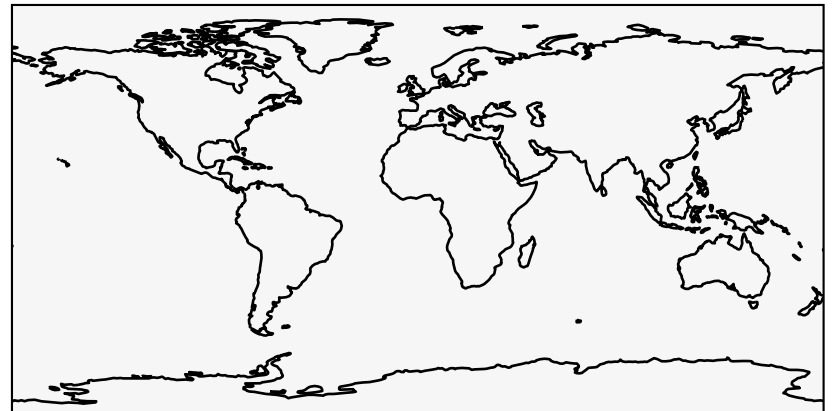
Zero throughout domain
kg/m2/s

Difference
Dev - Ref, Dynamic Range



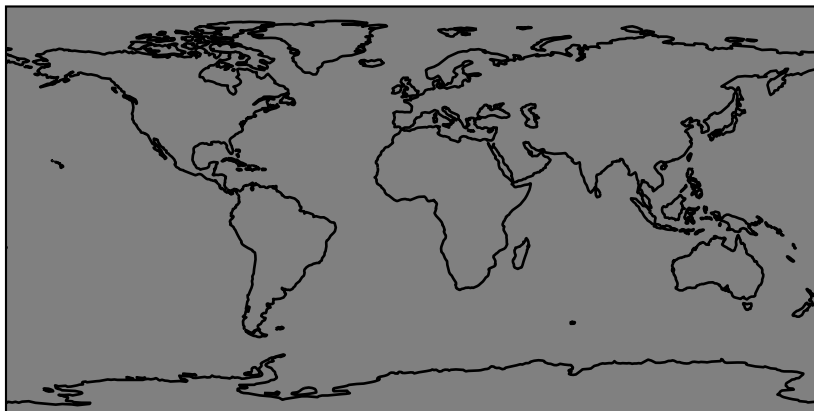
Zero throughout domain
kg/m2/s

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



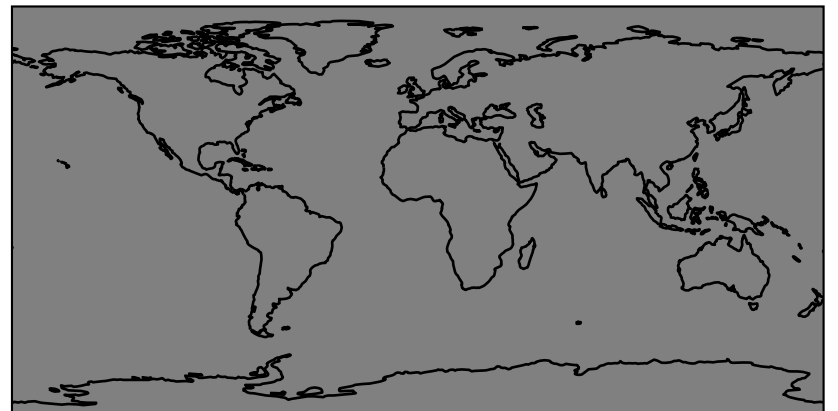
Zero throughout domain
kg/m2/s

Ratio
Dev/Ref, Dynamic Range



Undefined throughout domain
unitless

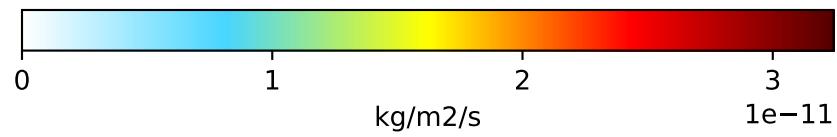
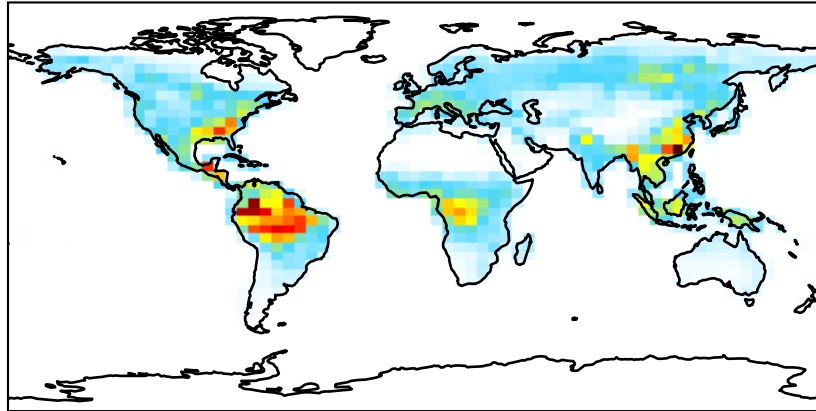
Ratio
Dev/Ref, Fixed Range



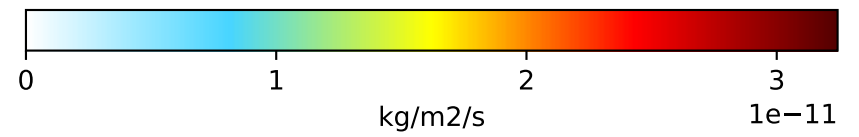
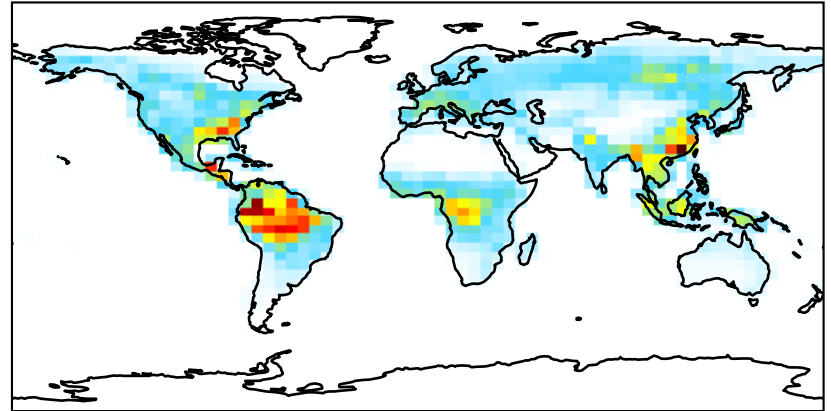
Undefined throughout domain
unitless

EmisEOH_Total (Jul2019)

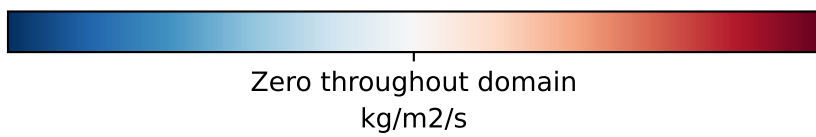
GCC_13.2.0 (Ref)
4.0x5.0



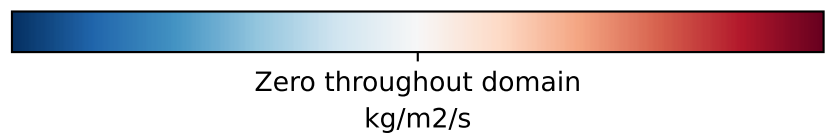
GCC_13.2.0-LuoWetdep (Dev)
4.0x5.0



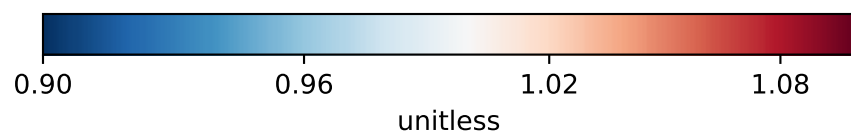
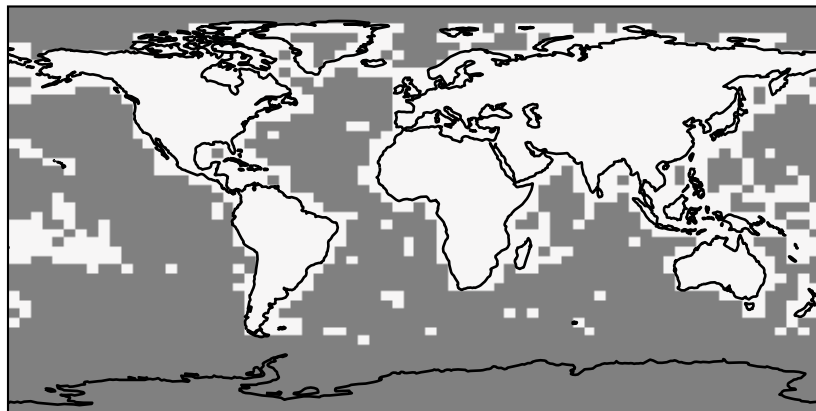
Difference
Dev - Ref, Dynamic Range



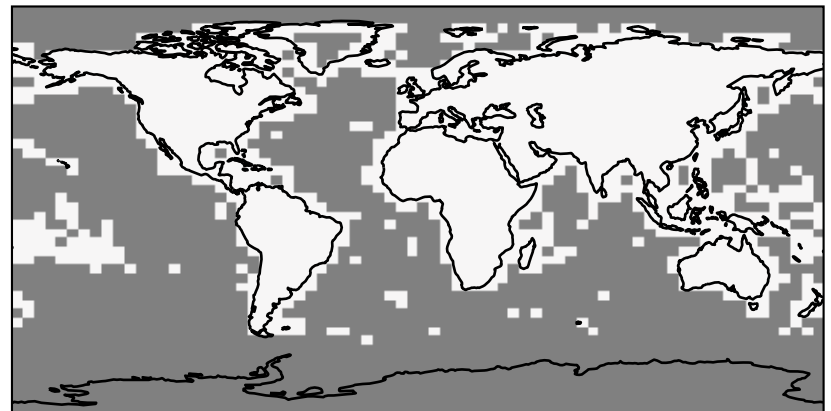
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

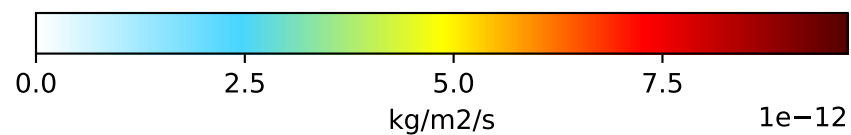
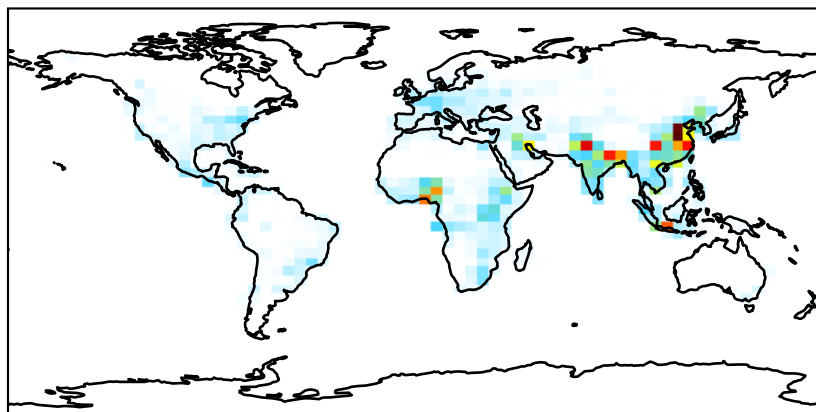


Ratio
Dev/Ref, Fixed Range

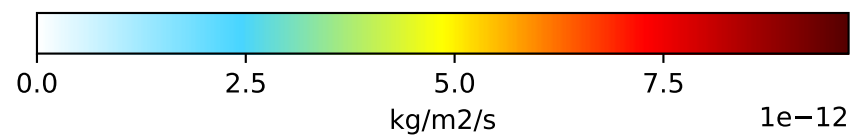
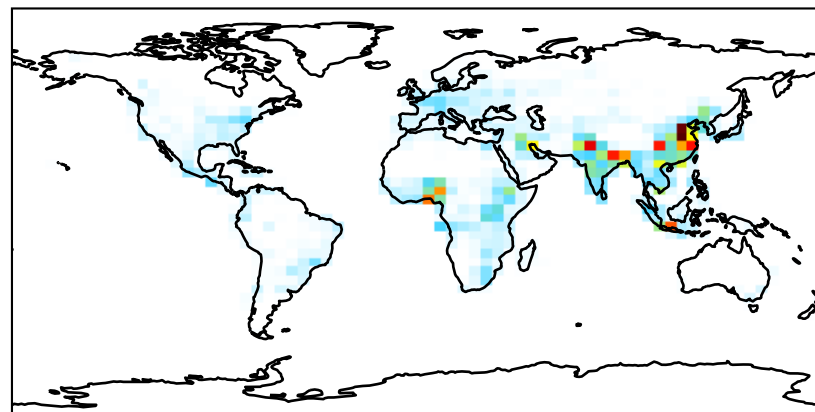


EmisMOH_Anthro (Jul2019)

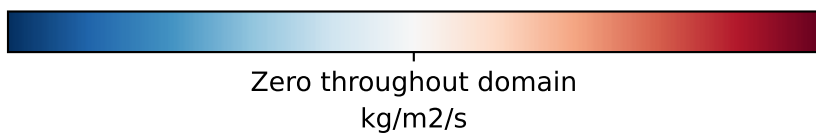
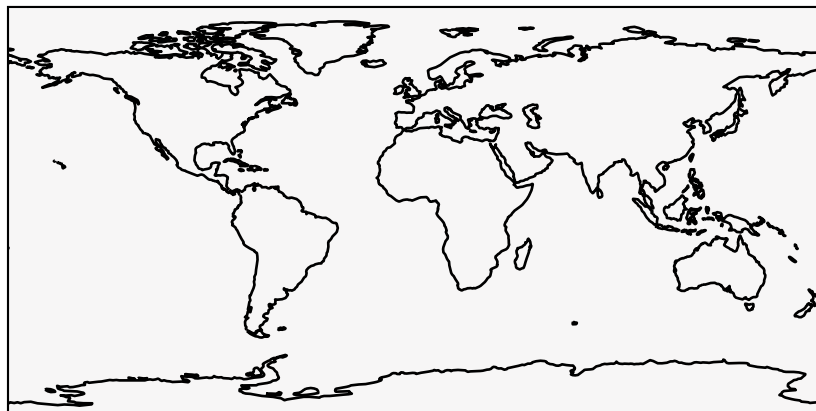
GCC_13.2.0 (Ref)
4.0x5.0



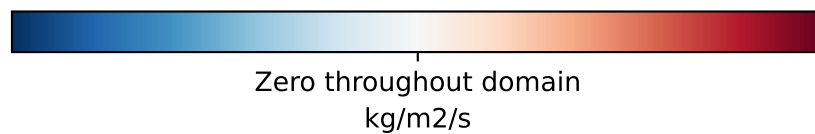
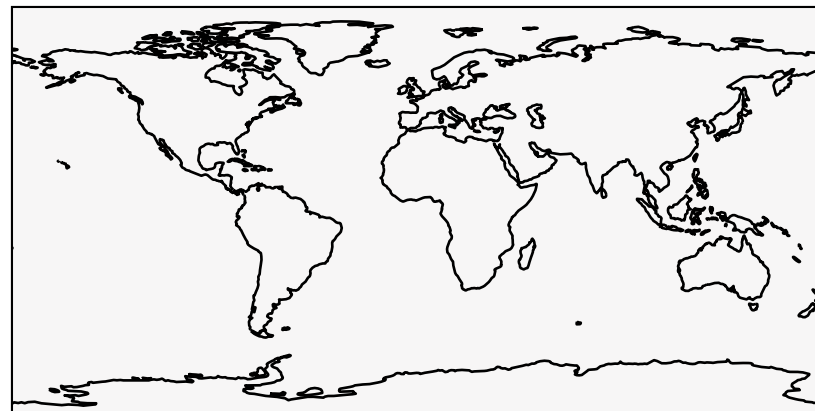
GCC_13.2.0-LuoWetdep (Dev)
4.0x5.0



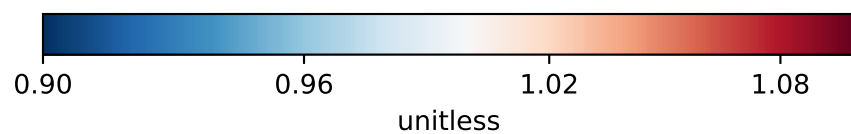
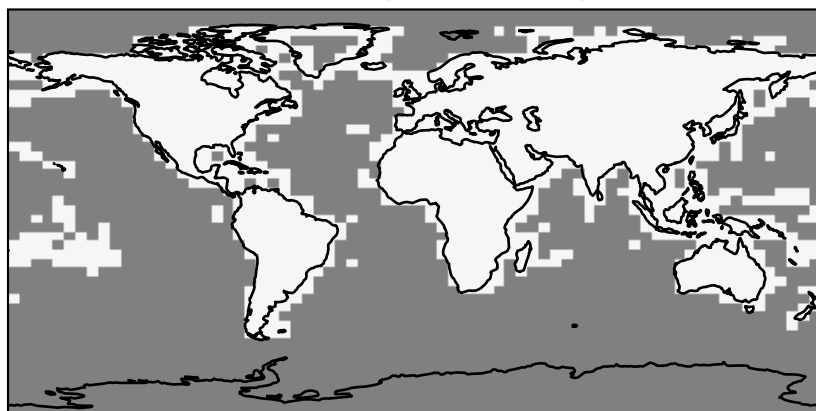
Difference
Dev - Ref, Dynamic Range



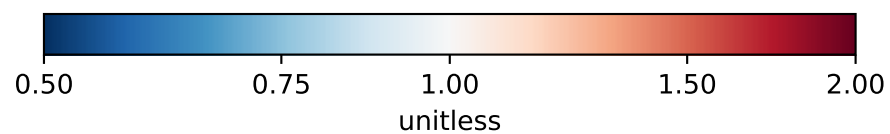
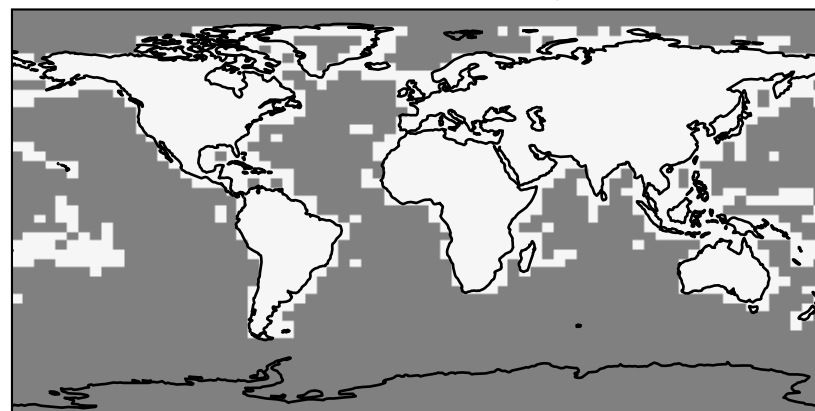
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

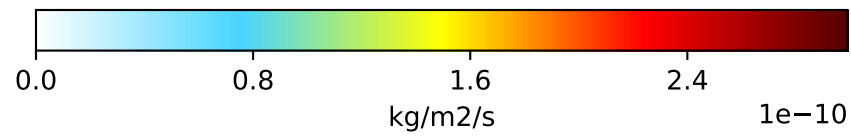
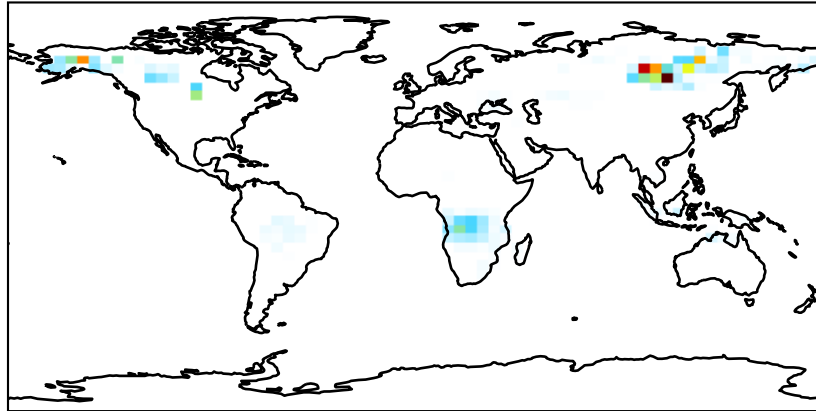


Ratio
Dev/Ref, Fixed Range

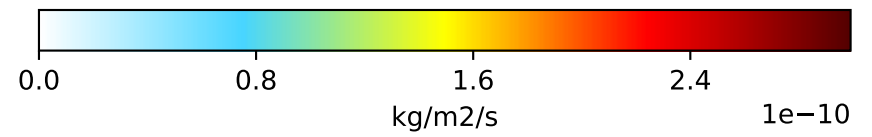
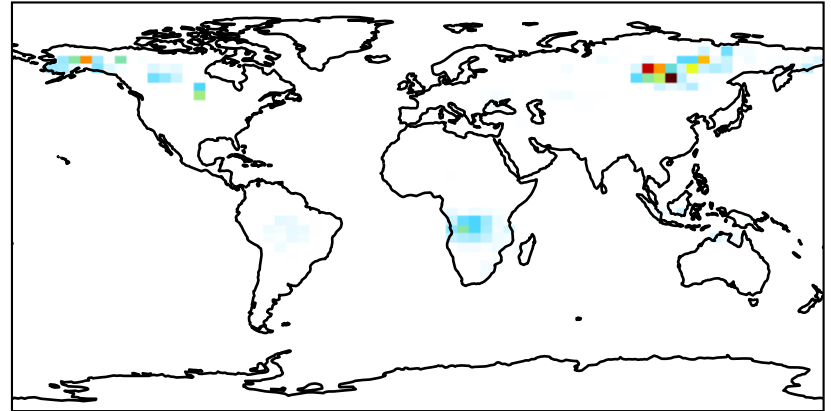


EmisMOH_BioBurn (Jul2019)

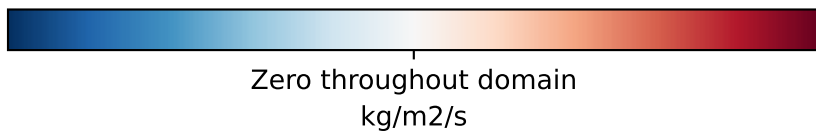
GCC_13.2.0 (Ref)
4.0x5.0



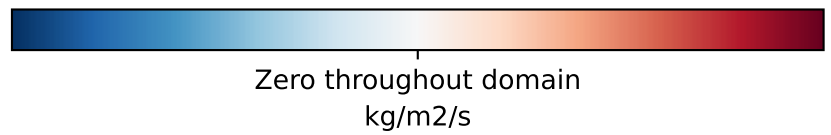
GCC_13.2.0-LuoWetdep (Dev)
4.0x5.0



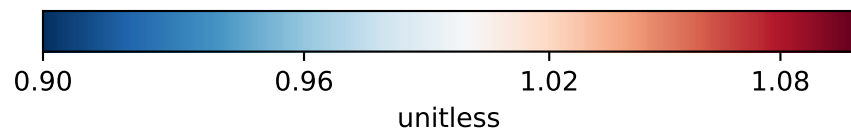
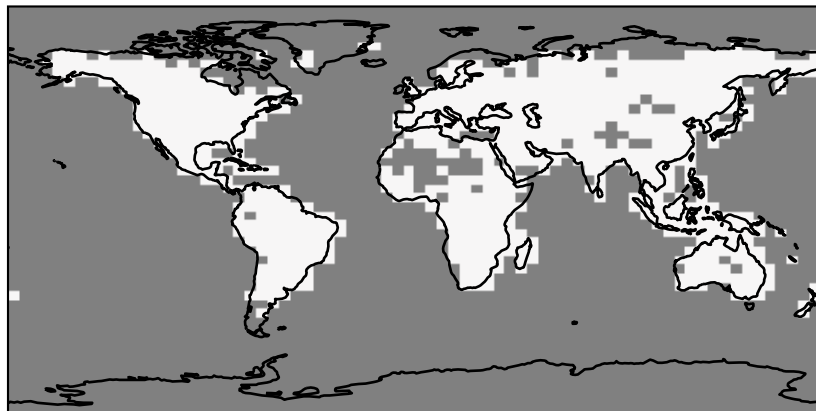
Difference
Dev - Ref, Dynamic Range



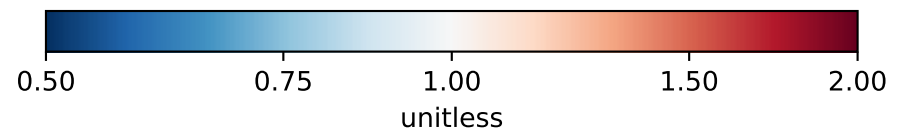
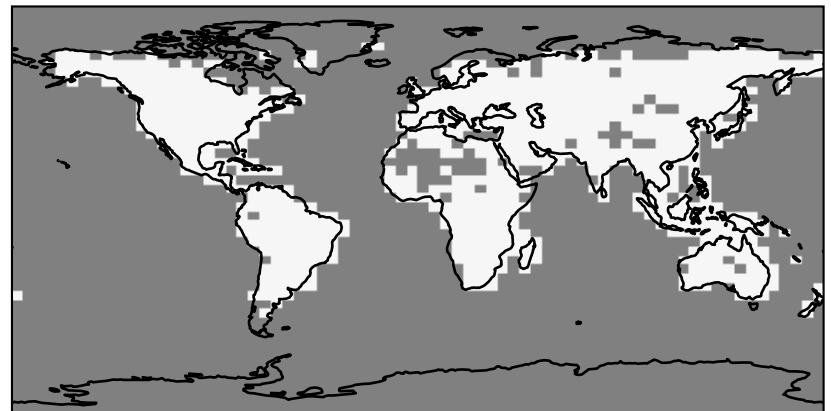
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

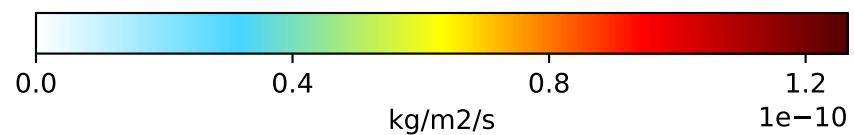
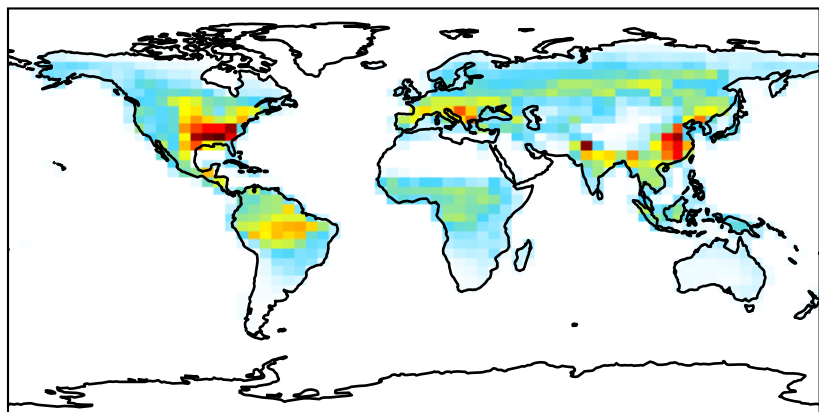


Ratio
Dev/Ref, Fixed Range

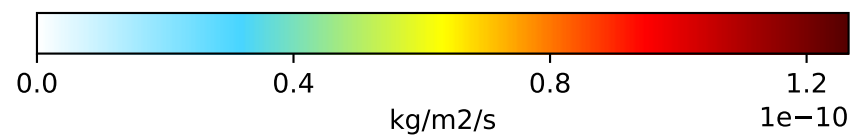
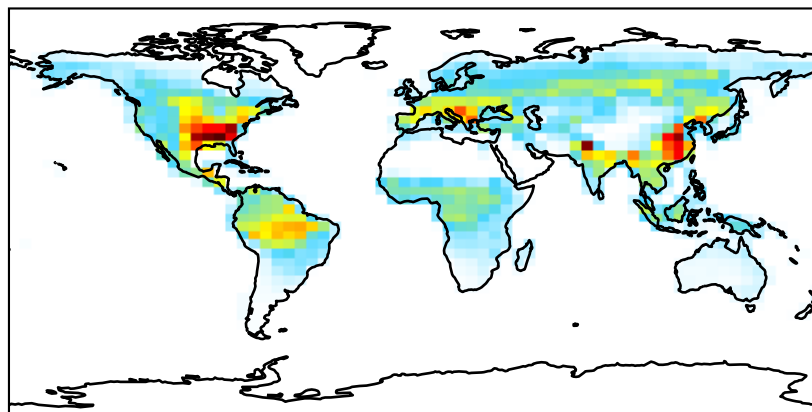


EmisMOH_Biogenic (Jul2019)

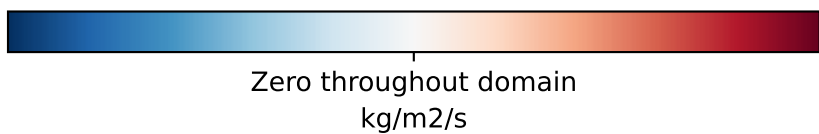
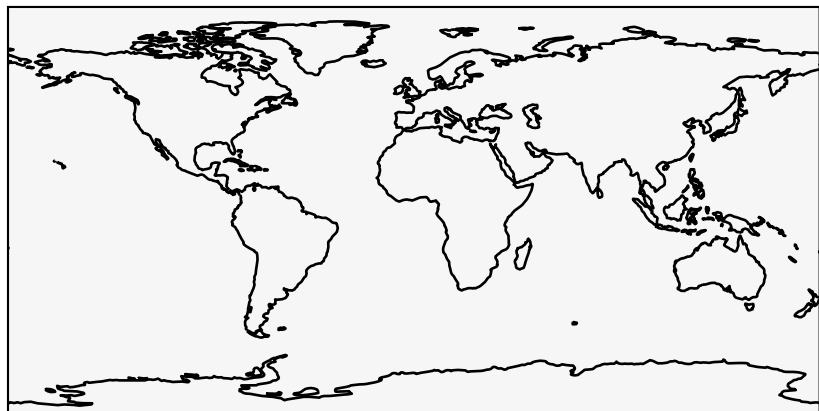
GCC_13.2.0 (Ref)
4.0x5.0



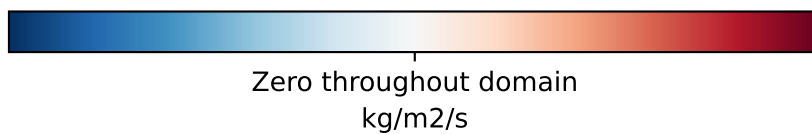
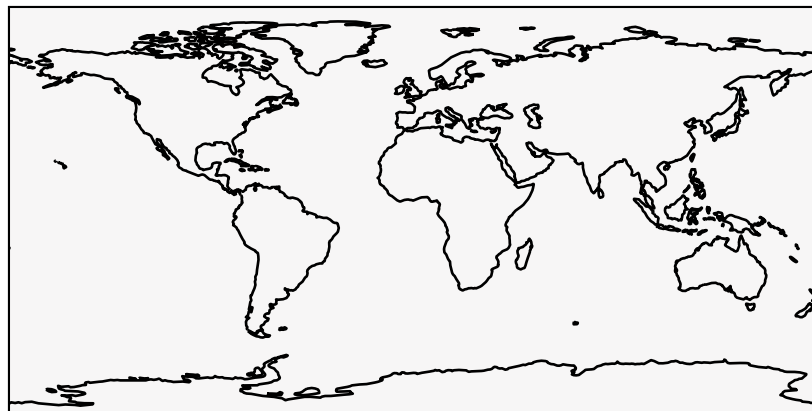
GCC_13.2.0-LuoWetdep (Dev)
4.0x5.0



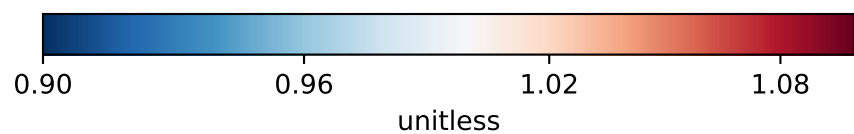
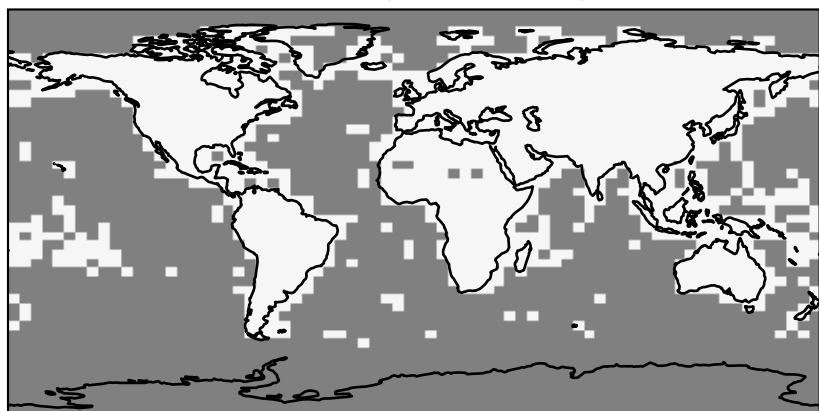
Difference
Dev - Ref, Dynamic Range



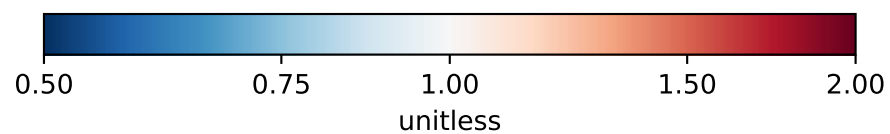
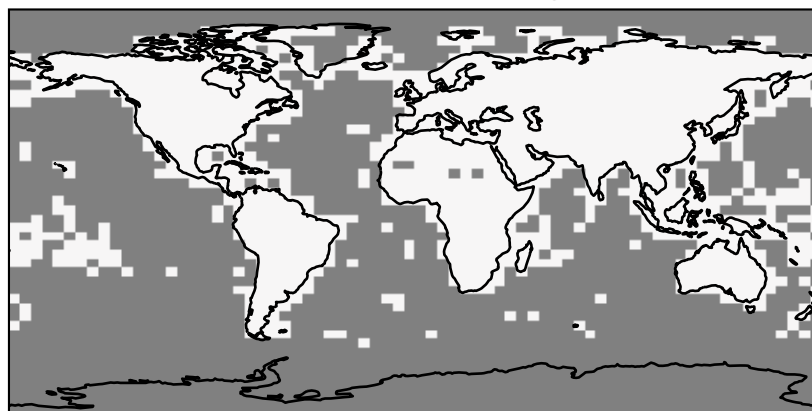
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

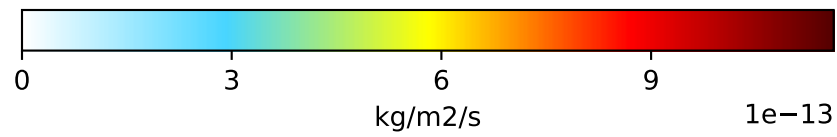
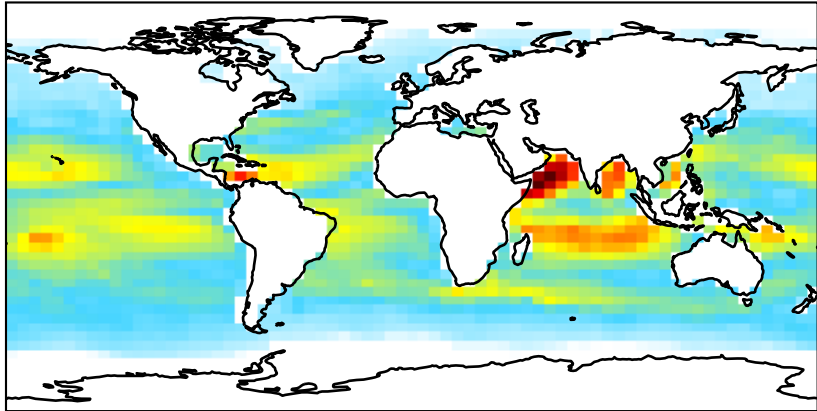


Ratio
Dev/Ref, Fixed Range

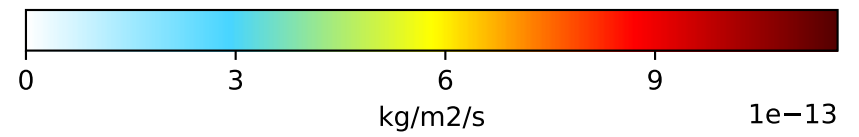
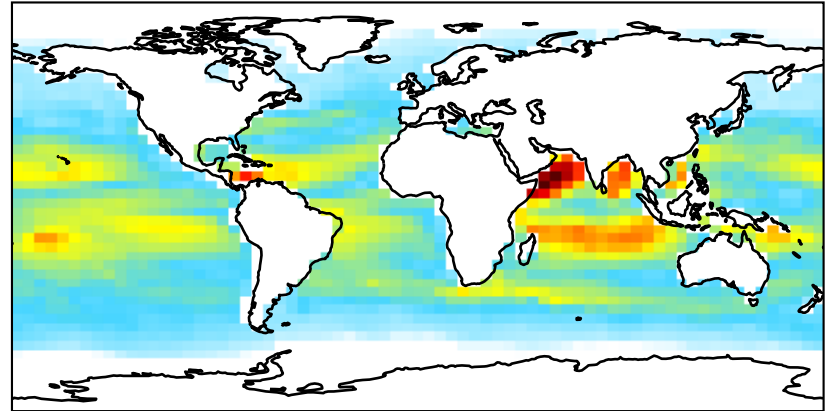


EmisMOH_Ocean (Jul2019)

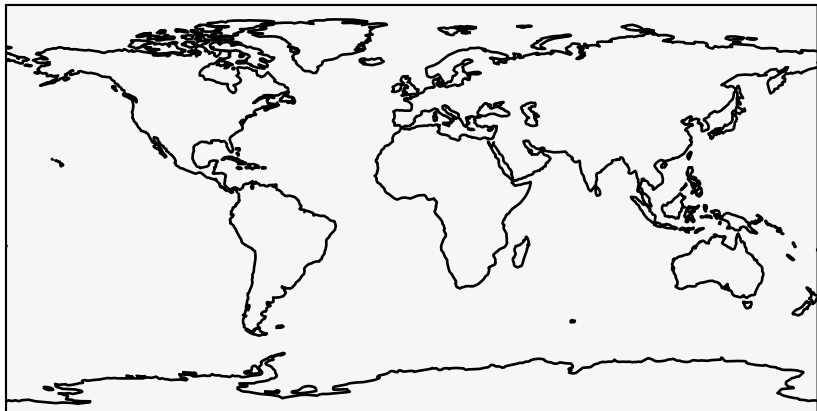
GCC_13.2.0 (Ref)
4.0x5.0



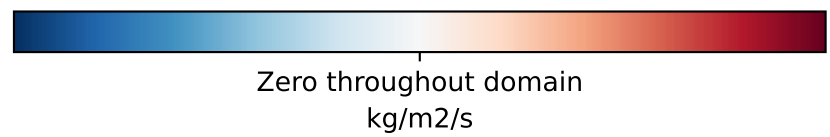
GCC_13.2.0-LuoWetdep (Dev)
4.0x5.0



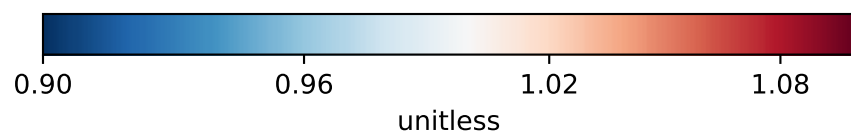
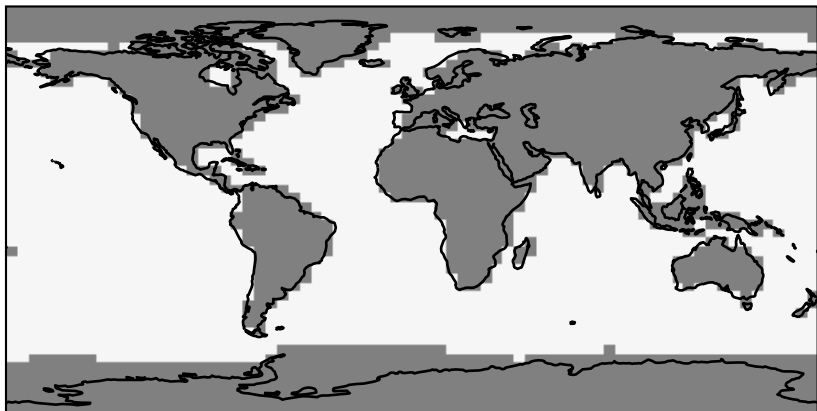
Difference
Dev - Ref, Dynamic Range



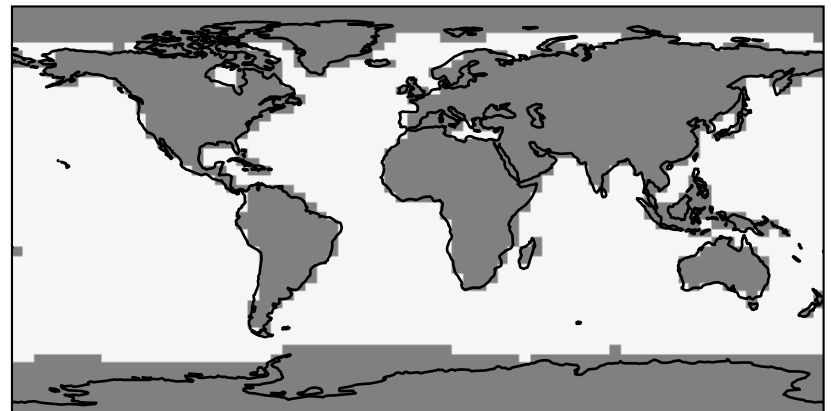
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range



Ratio
Dev/Ref, Fixed Range



EmisMOH_Ship (Jul2019)

GCC_13.2.0 (Ref)
4.0x5.0



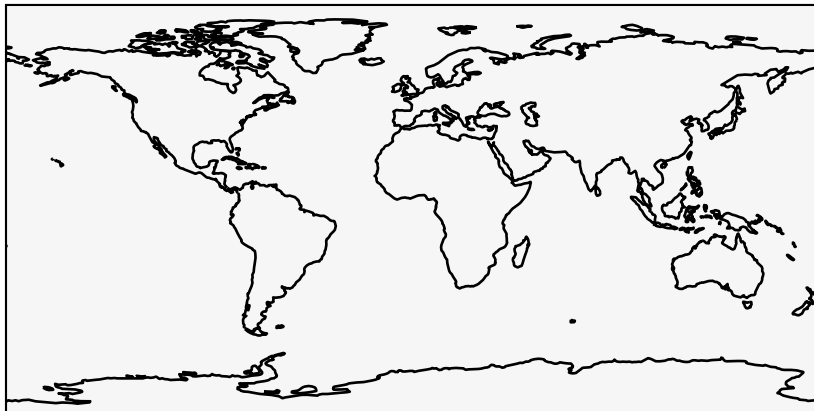
Zero throughout domain
kg/m2/s

GCC_13.2.0-LuoWetdep (Dev)
4.0x5.0



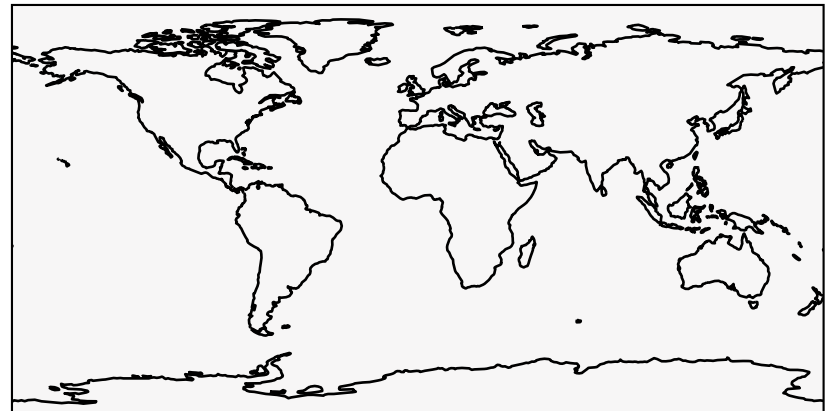
Zero throughout domain
kg/m2/s

Difference
Dev - Ref, Dynamic Range



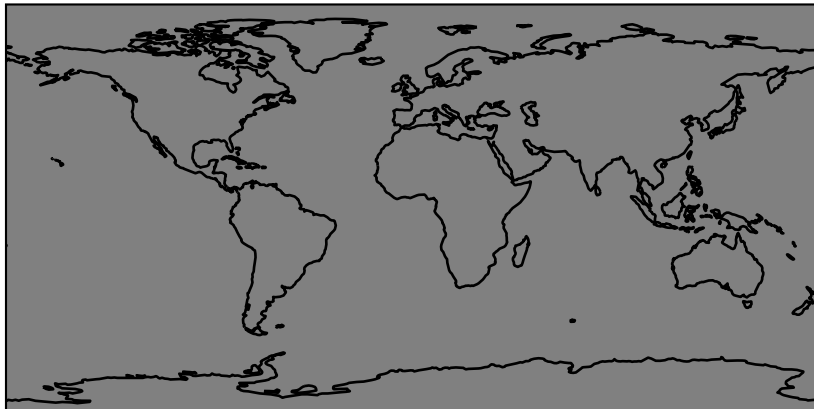
Zero throughout domain
kg/m2/s

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



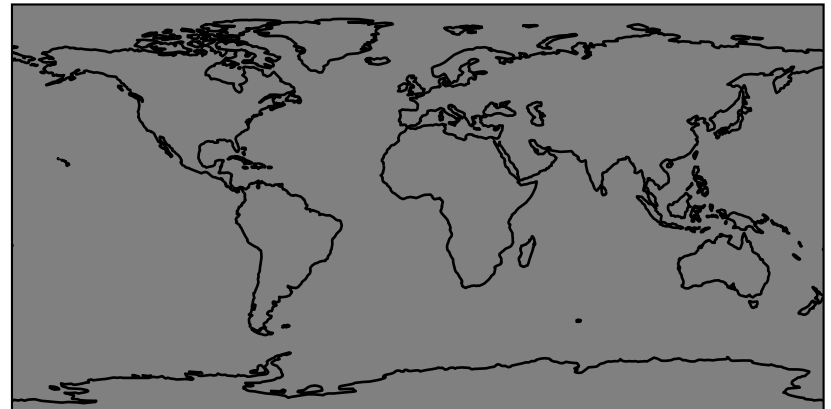
Zero throughout domain
kg/m2/s

Ratio
Dev/Ref, Dynamic Range



Undefined throughout domain
unitless

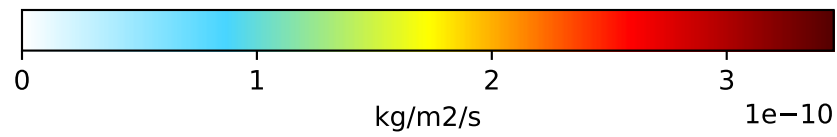
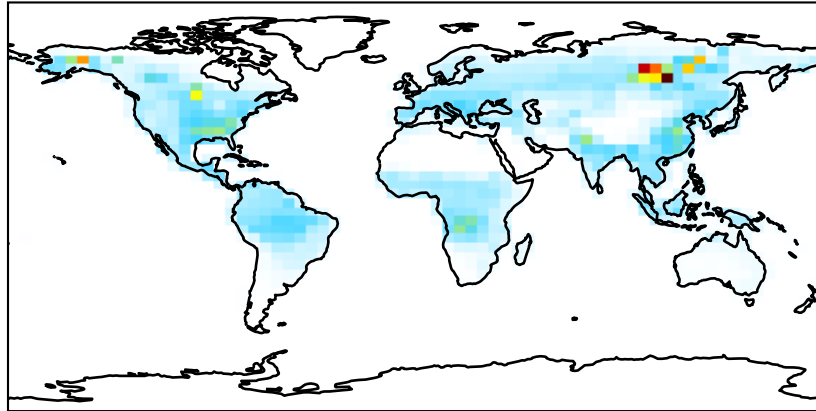
Ratio
Dev/Ref, Fixed Range



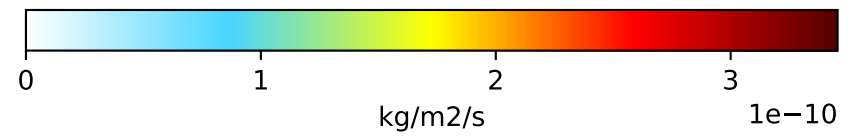
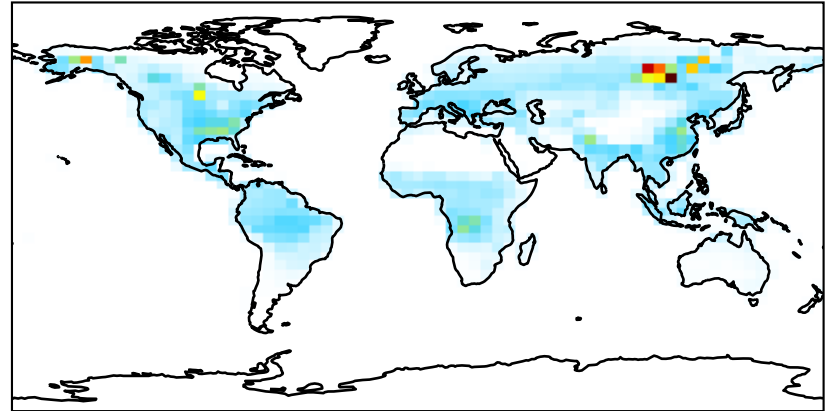
Undefined throughout domain
unitless

EmisMOH_Total (Jul2019)

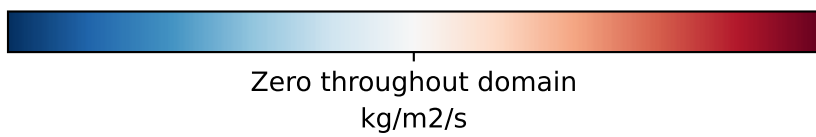
GCC_13.2.0 (Ref)
4.0x5.0



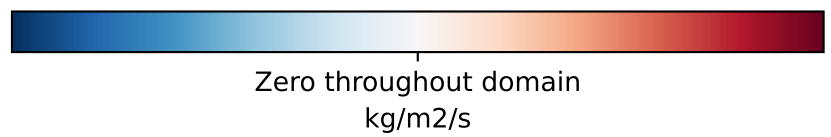
GCC_13.2.0-LuoWetdep (Dev)
4.0x5.0



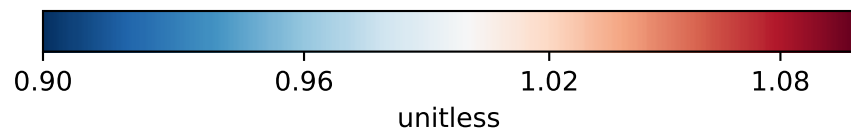
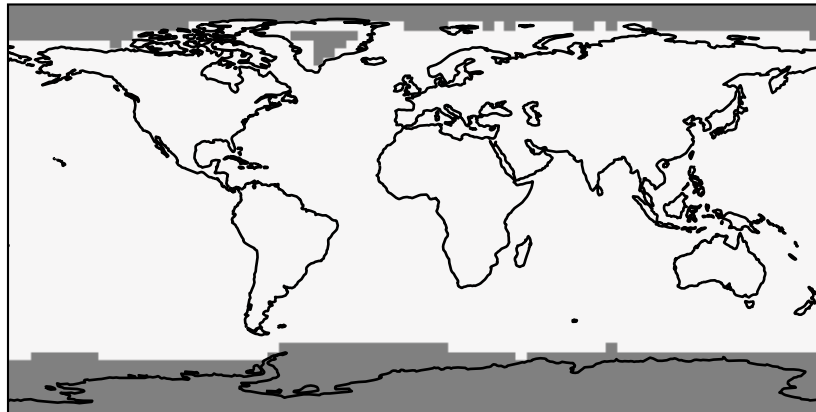
Difference
Dev - Ref, Dynamic Range



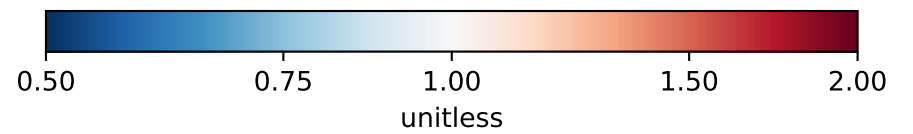
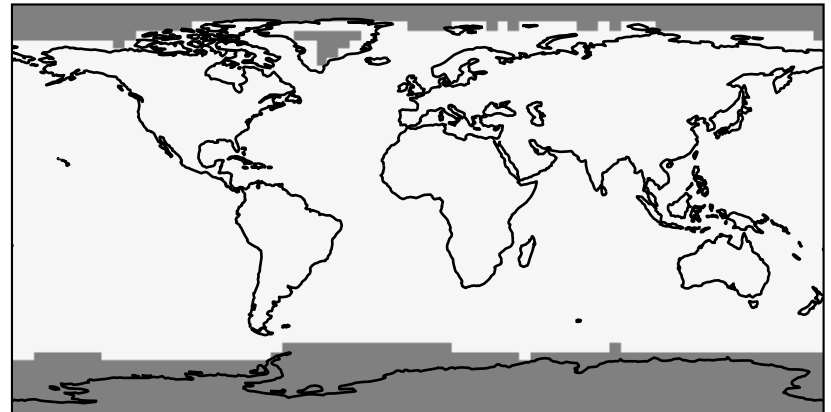
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range



Ratio
Dev/Ref, Fixed Range



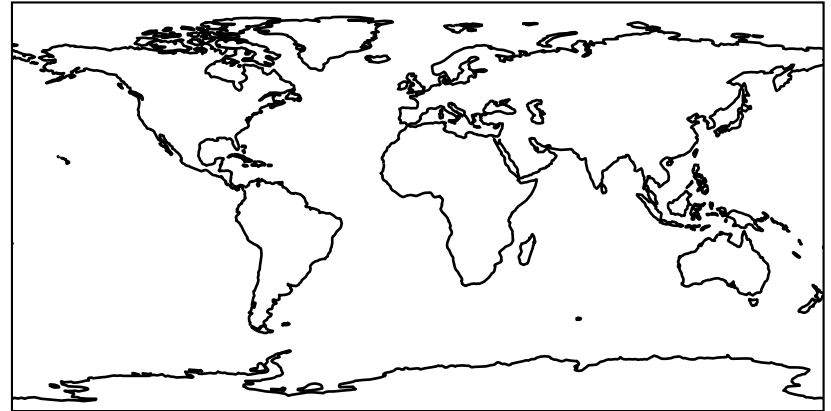
EmisSOP_Anthro (Jul2019)

GCC_13.2.0 (Ref)
4.0x5.0



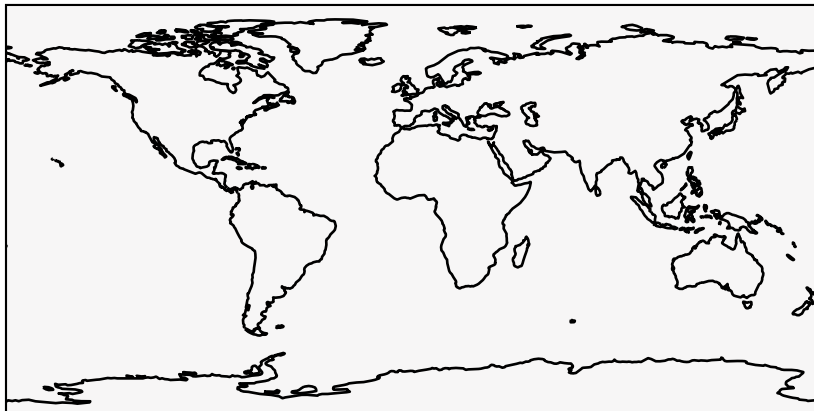
Zero throughout domain
kg/m2/s

GCC_13.2.0-LuoWetdep (Dev)
4.0x5.0



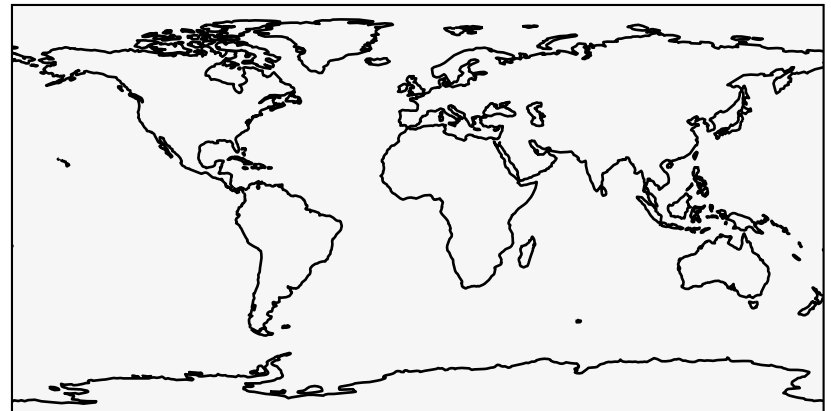
Zero throughout domain
kg/m2/s

Difference
Dev - Ref, Dynamic Range



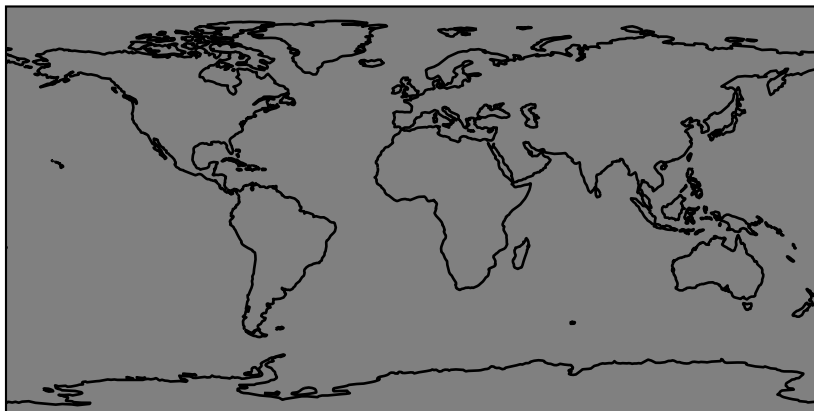
Zero throughout domain
kg/m2/s

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



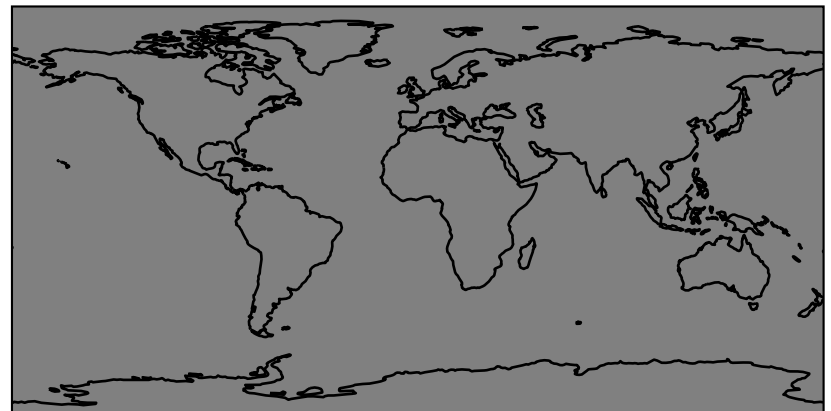
Zero throughout domain
kg/m2/s

Ratio
Dev/Ref, Dynamic Range



Undefined throughout domain
unitless

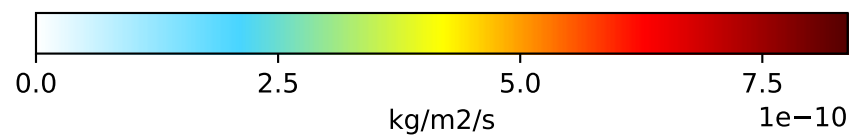
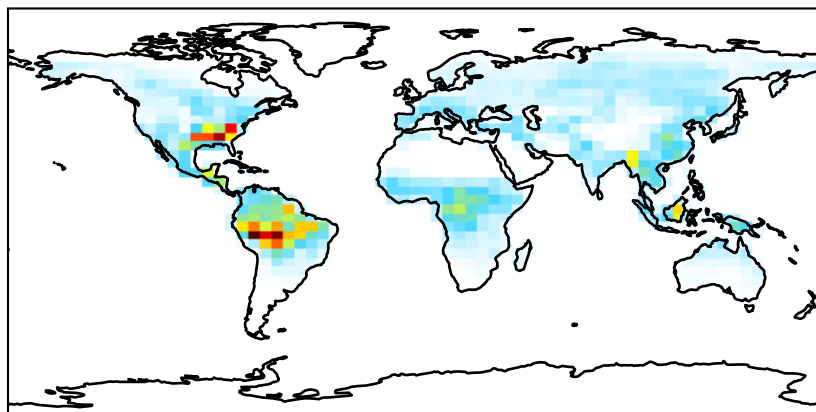
Ratio
Dev/Ref, Fixed Range



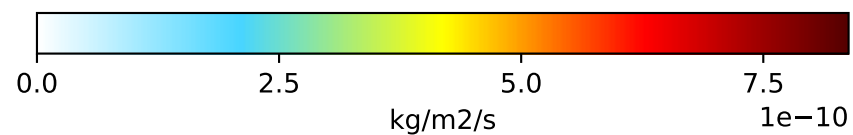
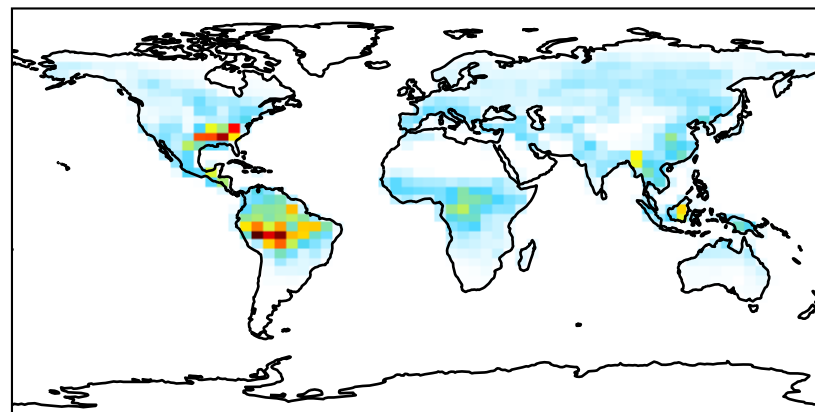
Undefined throughout domain
unitless

EmisSOP_Biogenic (Jul2019)

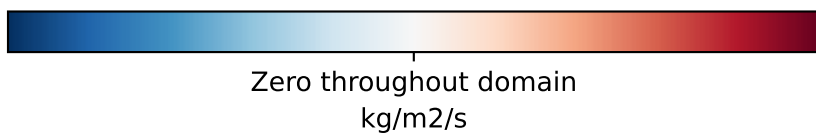
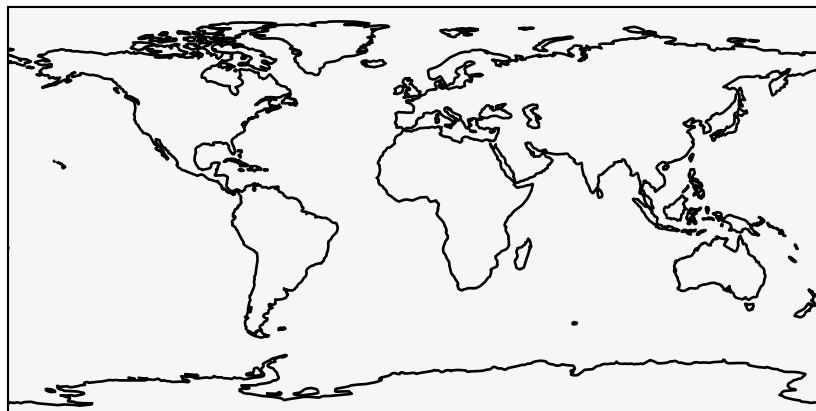
GCC_13.2.0 (Ref)
4.0x5.0



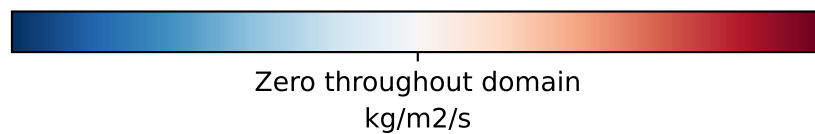
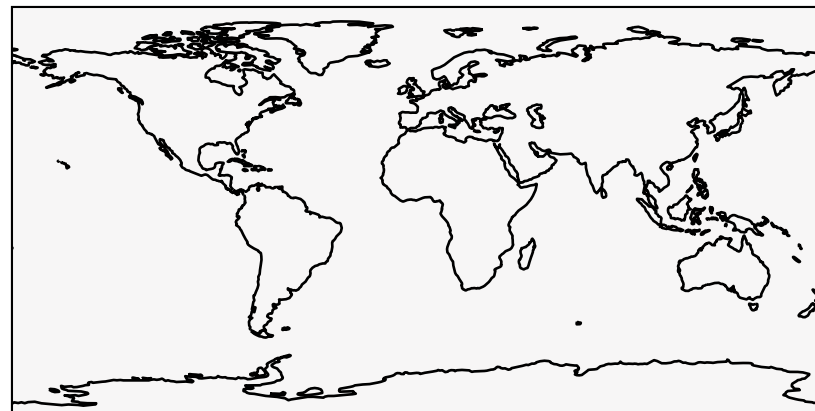
GCC_13.2.0-LuoWetdep (Dev)
4.0x5.0



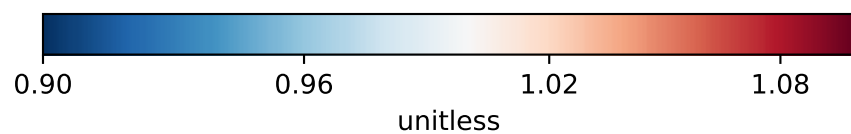
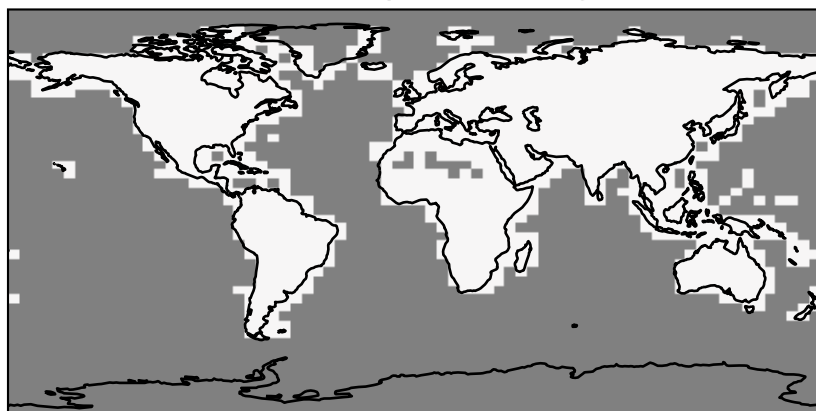
Difference
Dev - Ref, Dynamic Range



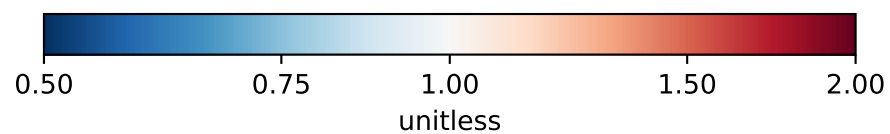
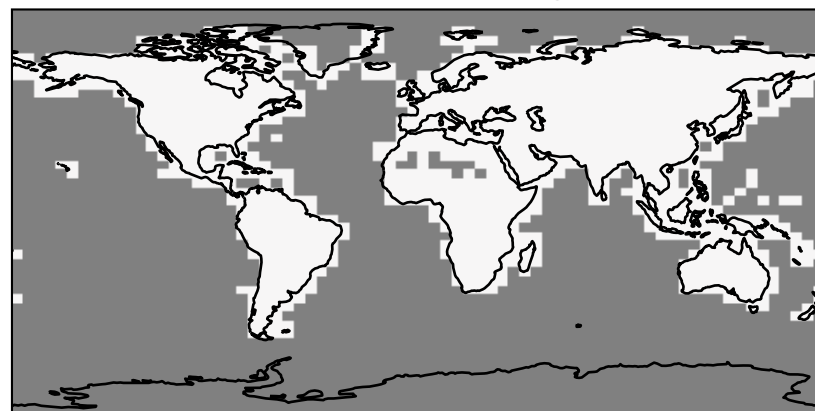
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

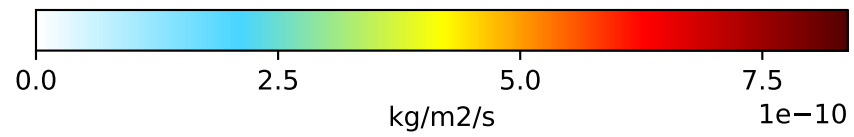
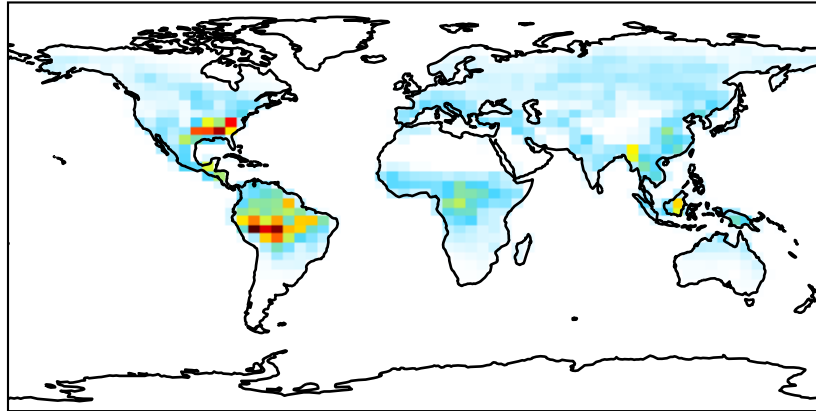


Ratio
Dev/Ref, Fixed Range

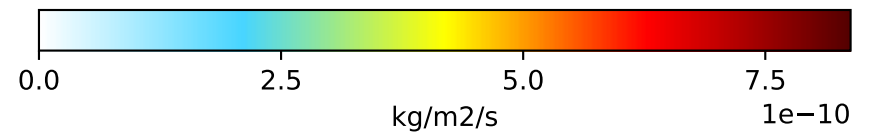
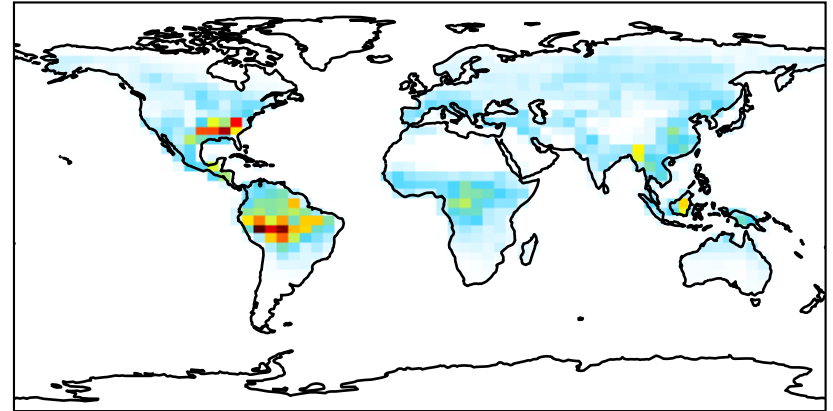


EmisSOP_Total (Jul2019)

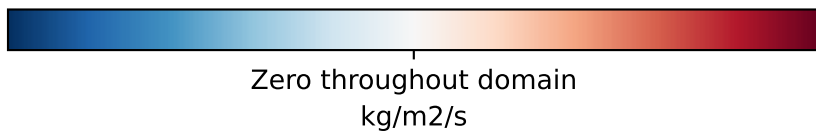
GCC_13.2.0 (Ref)
4.0x5.0



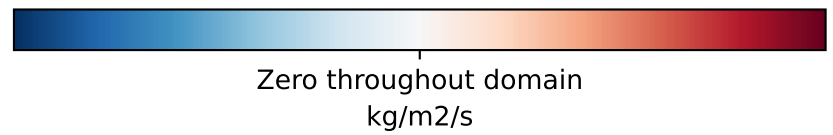
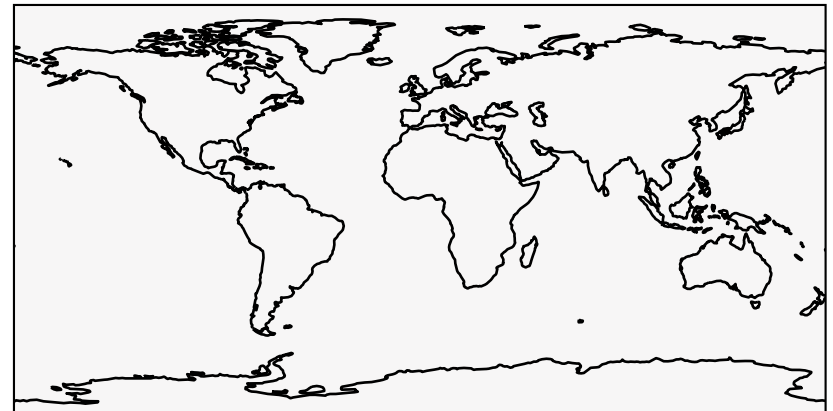
GCC_13.2.0-LuoWetdep (Dev)
4.0x5.0



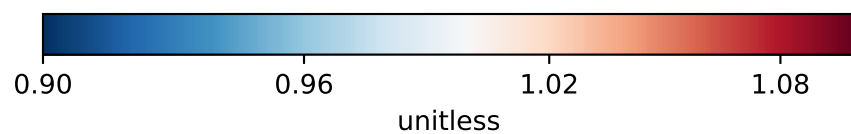
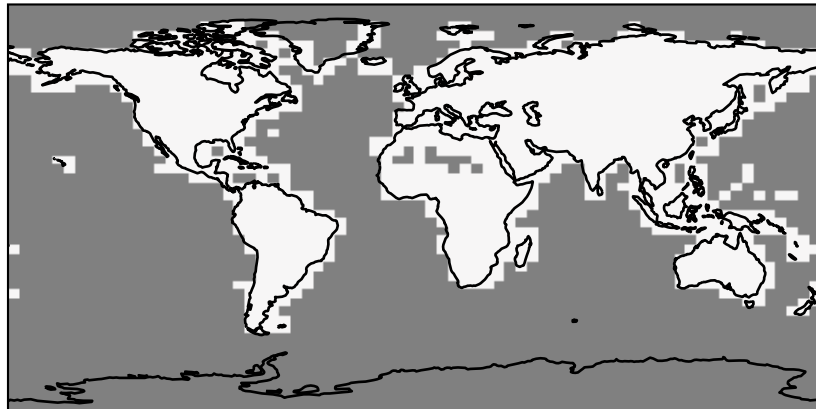
Difference
Dev - Ref, Dynamic Range



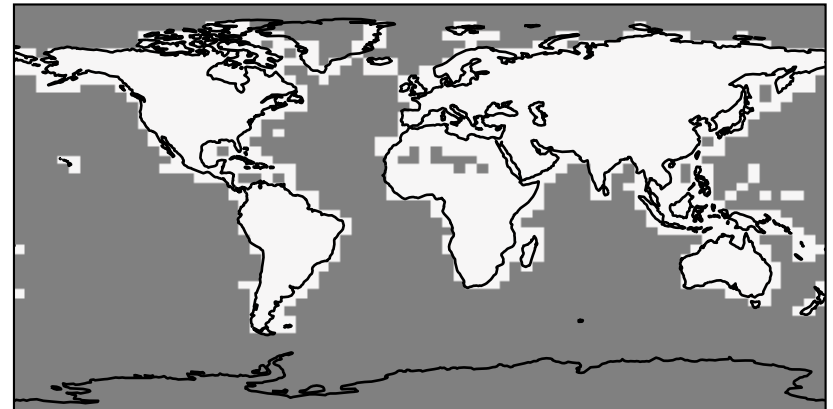
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

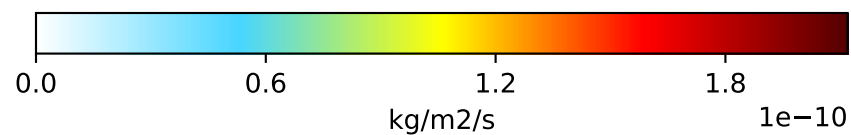
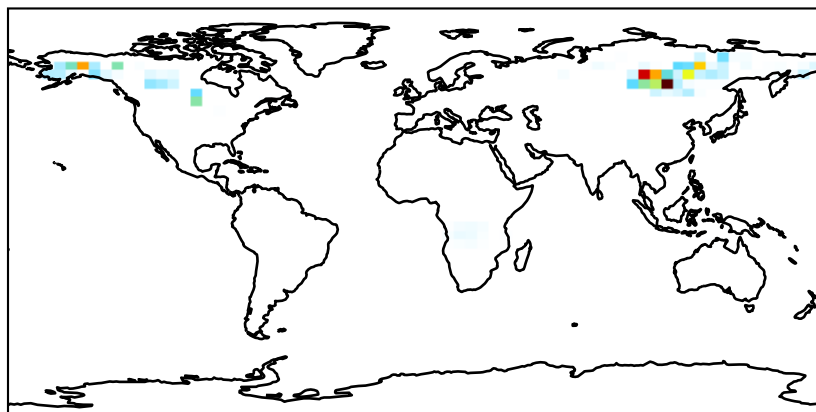


Ratio
Dev/Ref, Fixed Range

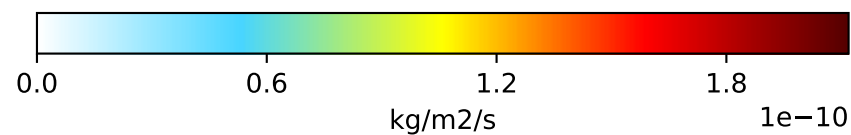
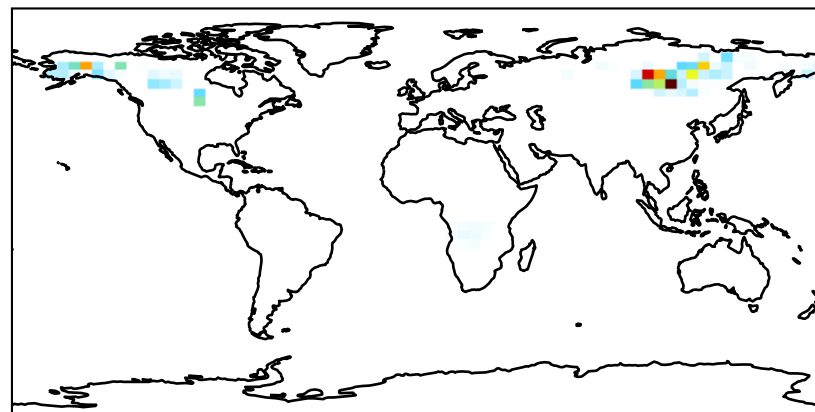


EmisMTPA_BioBurn (Jul2019)

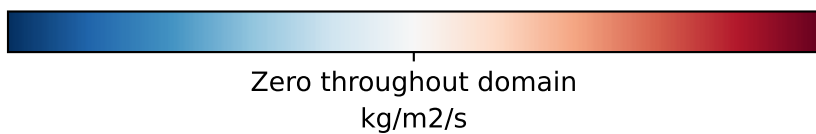
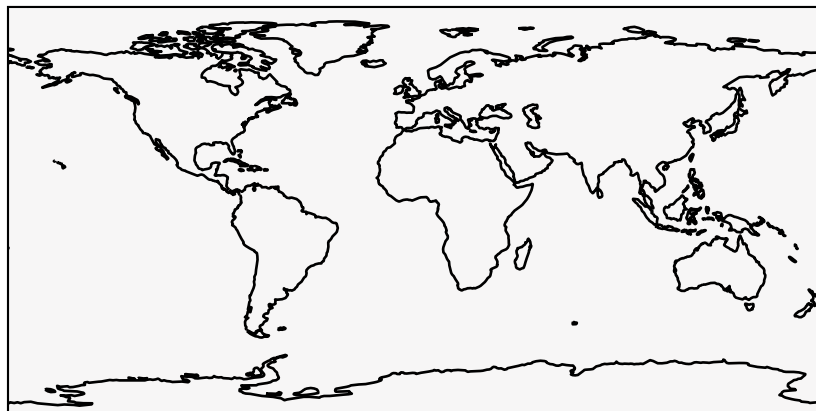
GCC_13.2.0 (Ref)
4.0x5.0



GCC_13.2.0-LuoWetdep (Dev)
4.0x5.0

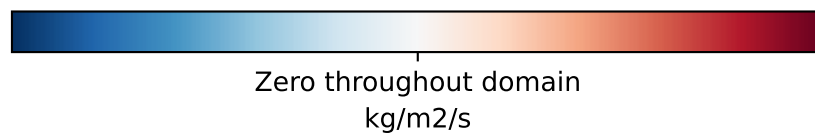
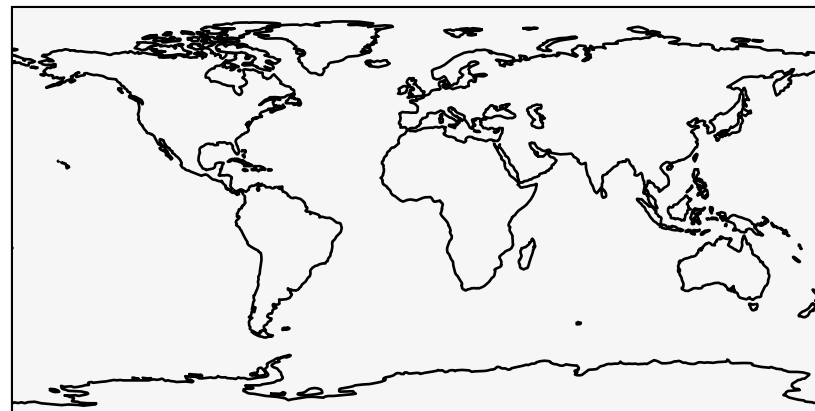


Difference
Dev - Ref, Dynamic Range



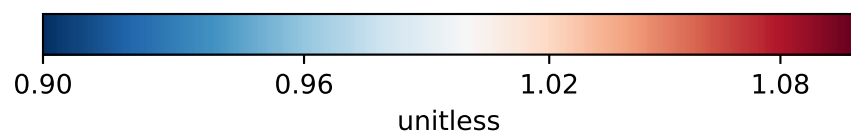
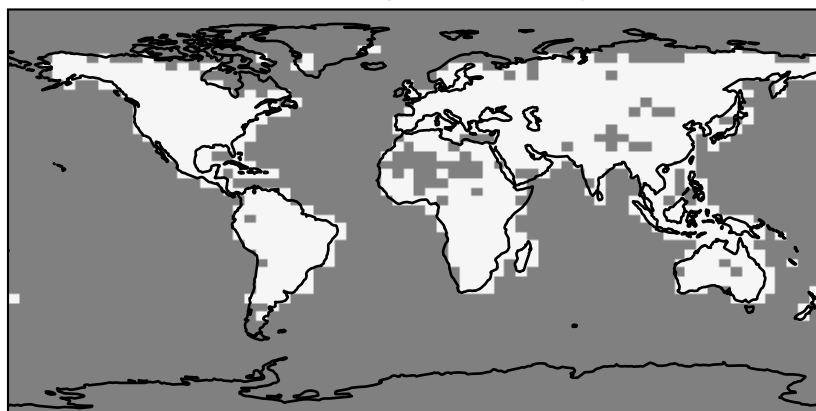
Zero throughout domain
kg/m2/s

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



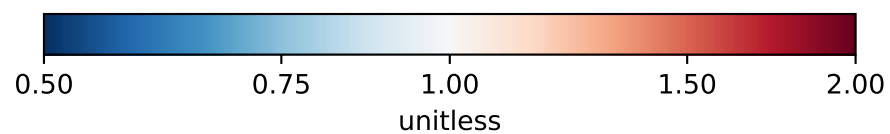
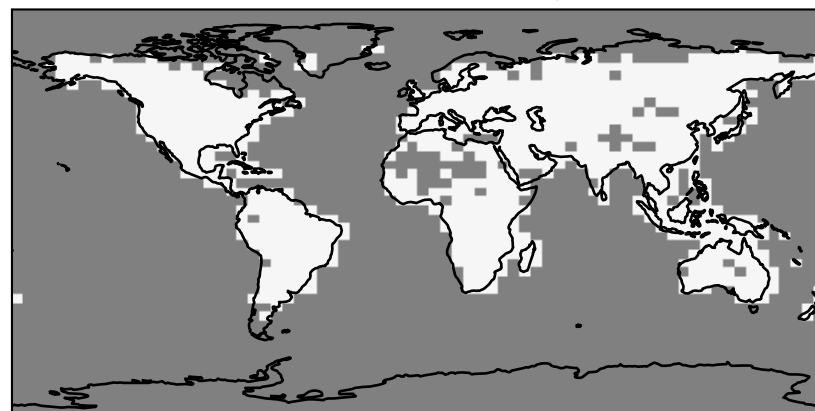
Zero throughout domain
kg/m2/s

Ratio
Dev/Ref, Dynamic Range



unitless

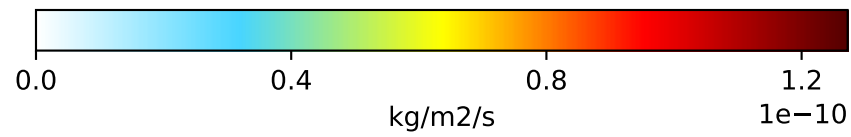
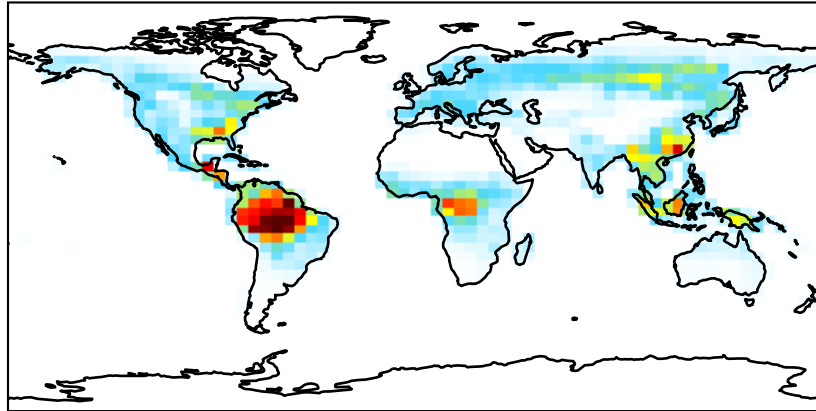
Ratio
Dev/Ref, Fixed Range



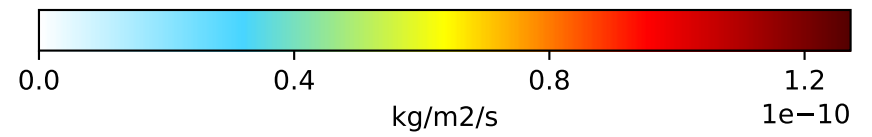
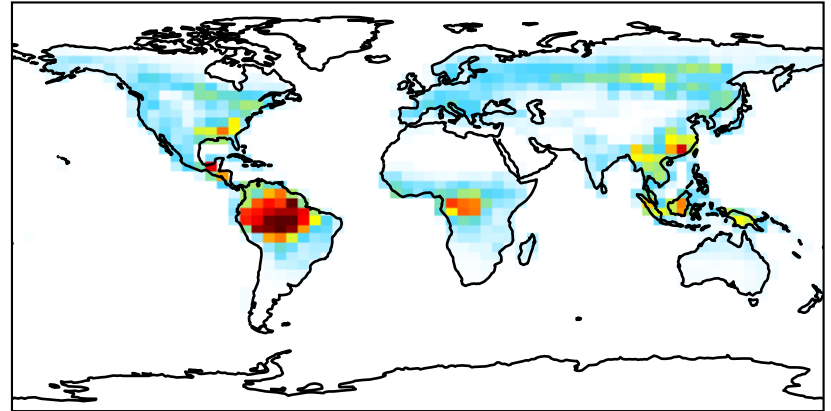
unitless

EmisMTPA_Biogenic (Jul2019)

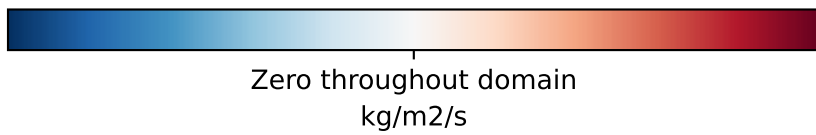
GCC_13.2.0 (Ref)
4.0x5.0



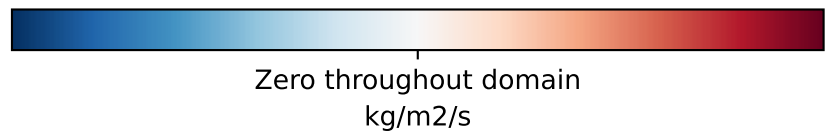
GCC_13.2.0-LuoWetdep (Dev)
4.0x5.0



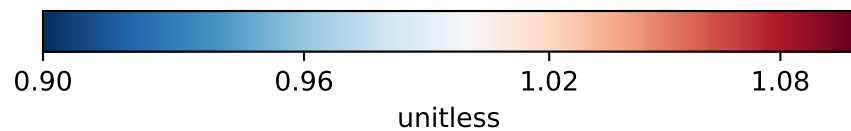
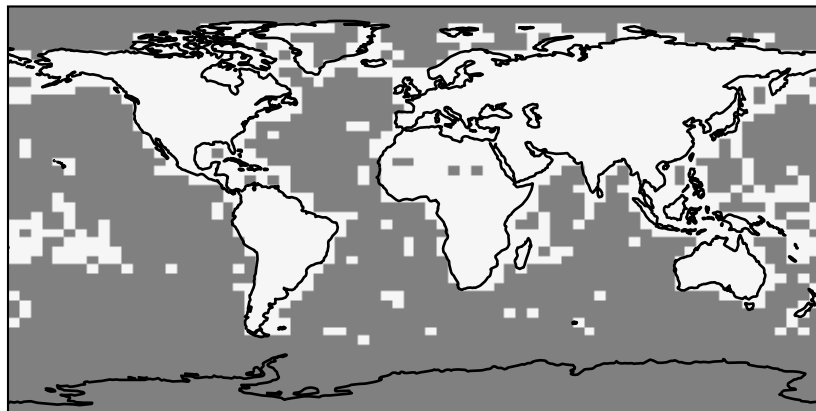
Difference
Dev - Ref, Dynamic Range



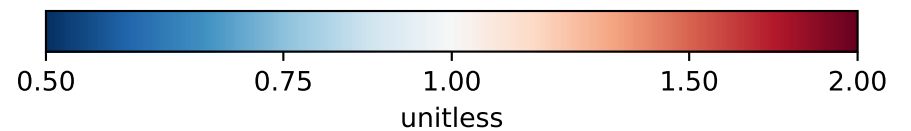
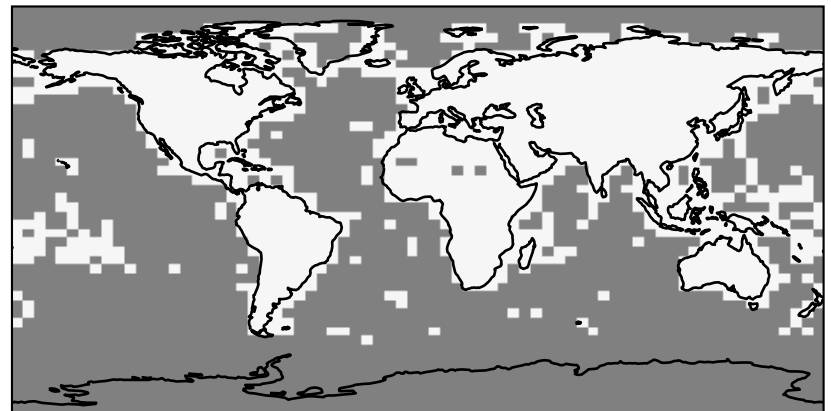
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

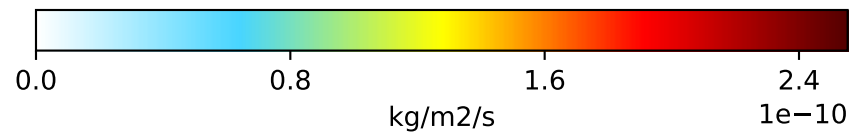
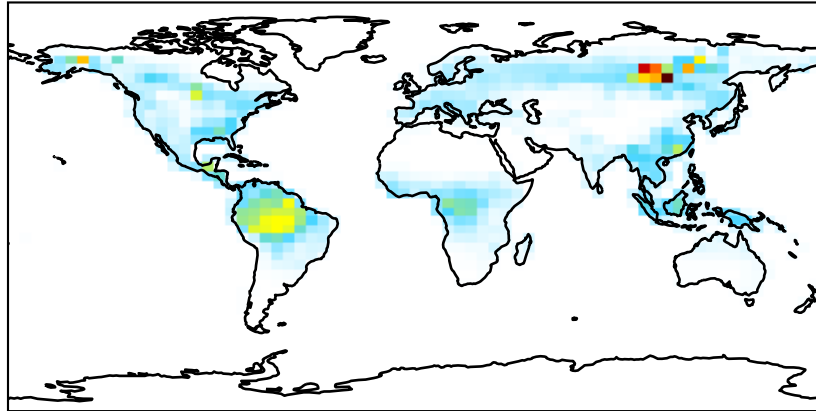


Ratio
Dev/Ref, Fixed Range

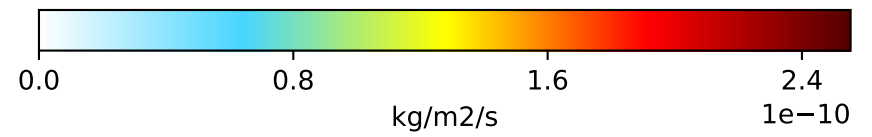
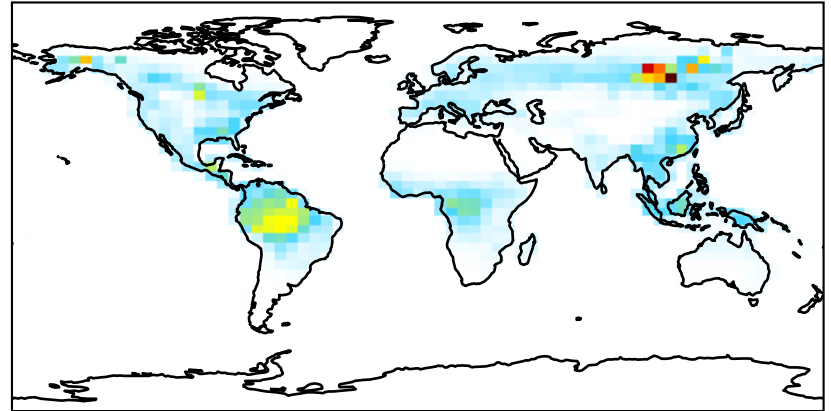


EmisMTPA_Total (Jul2019)

GCC_13.2.0 (Ref)
4.0x5.0



GCC_13.2.0-LuoWetdep (Dev)
4.0x5.0

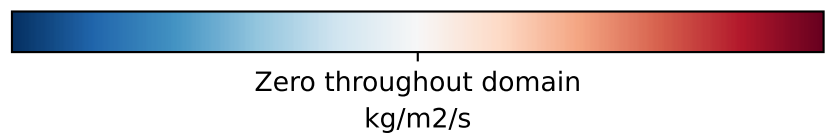
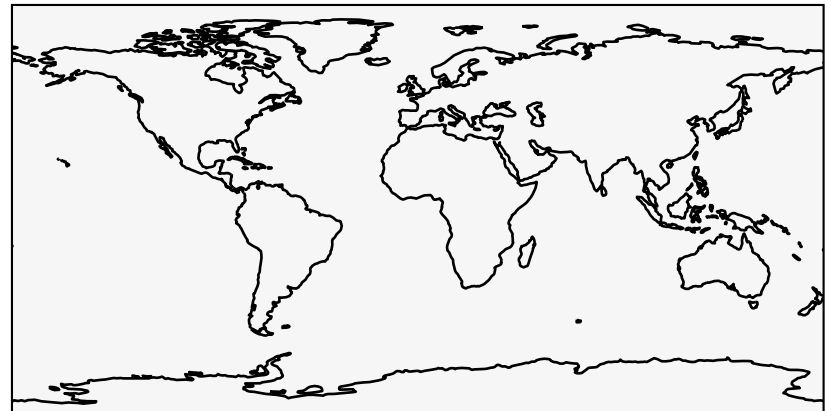


Difference
Dev - Ref, Dynamic Range



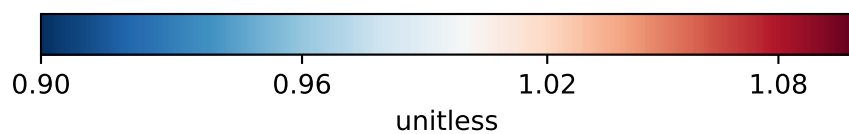
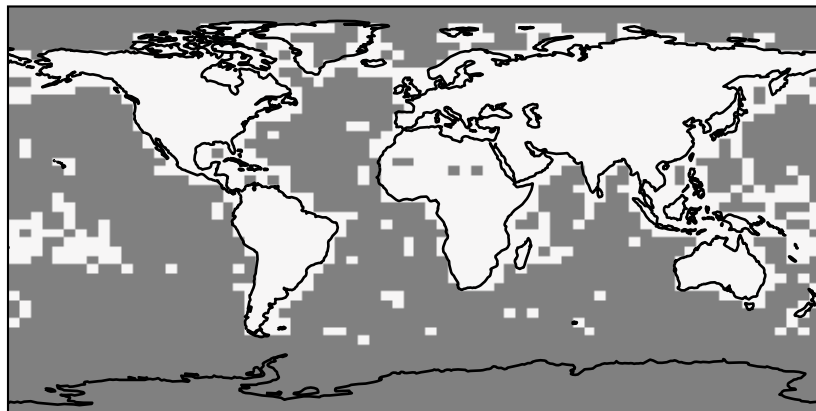
Zero throughout domain
kg/m2/s

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



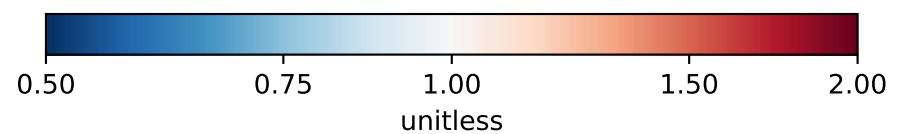
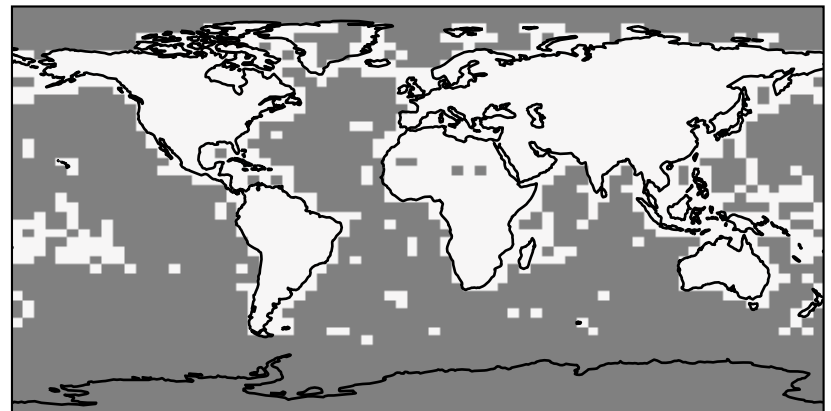
Zero throughout domain
kg/m2/s

Ratio
Dev/Ref, Dynamic Range



unitless

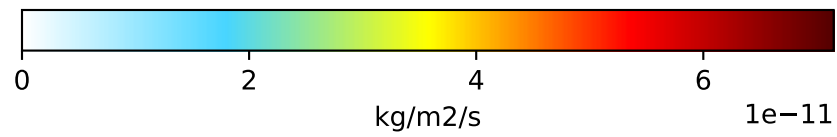
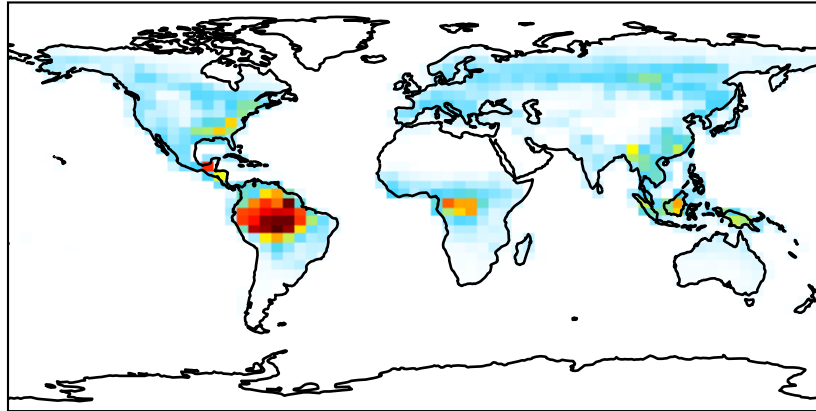
Ratio
Dev/Ref, Fixed Range



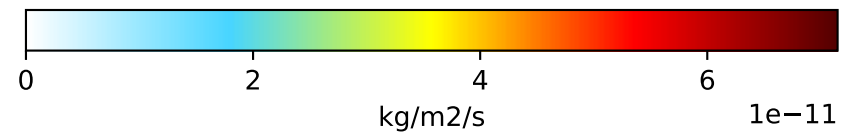
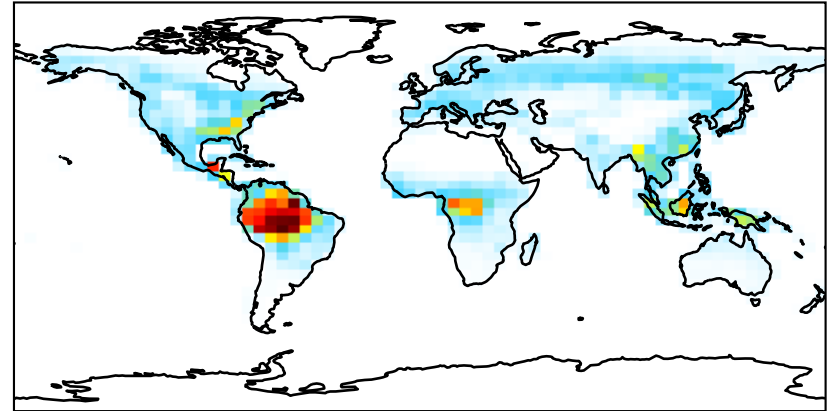
unitless

EmisMTPO_Biogenic (Jul2019)

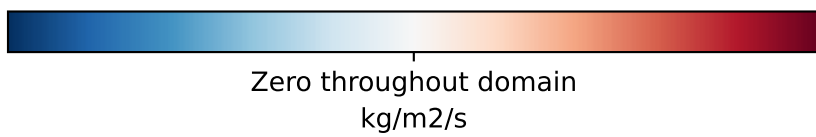
GCC_13.2.0 (Ref)
4.0x5.0



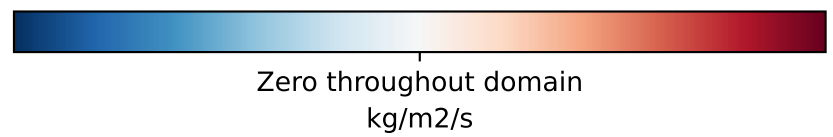
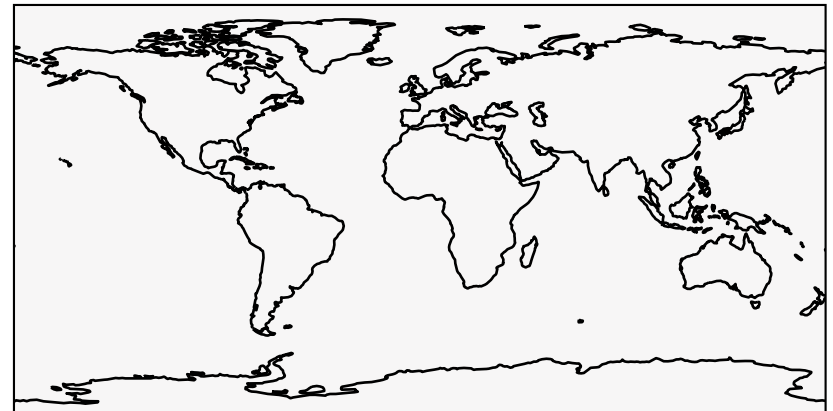
GCC_13.2.0-LuoWetdep (Dev)
4.0x5.0



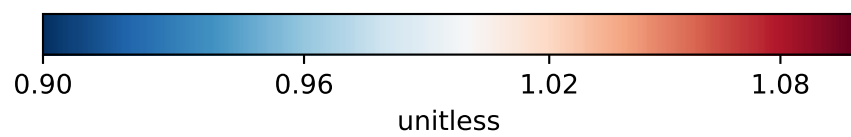
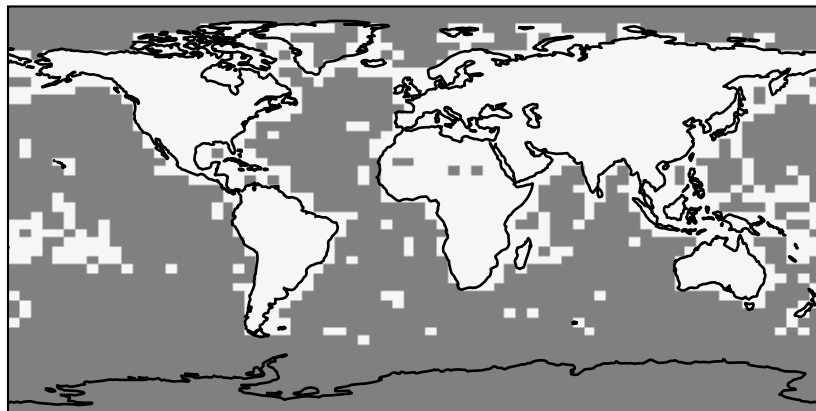
Difference
Dev - Ref, Dynamic Range



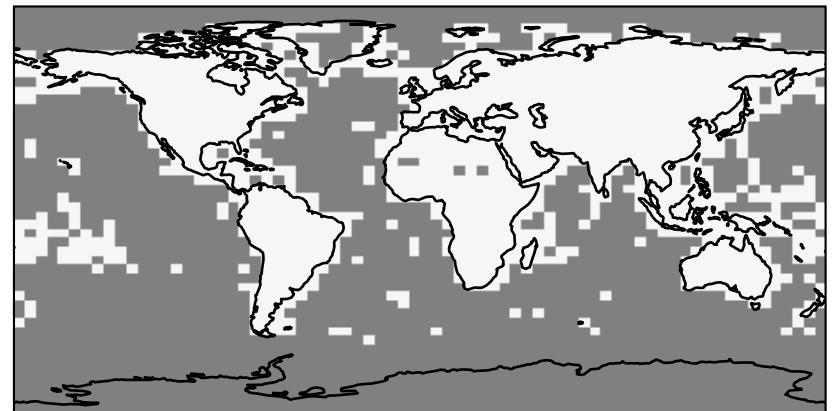
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

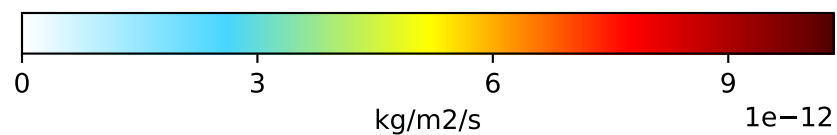
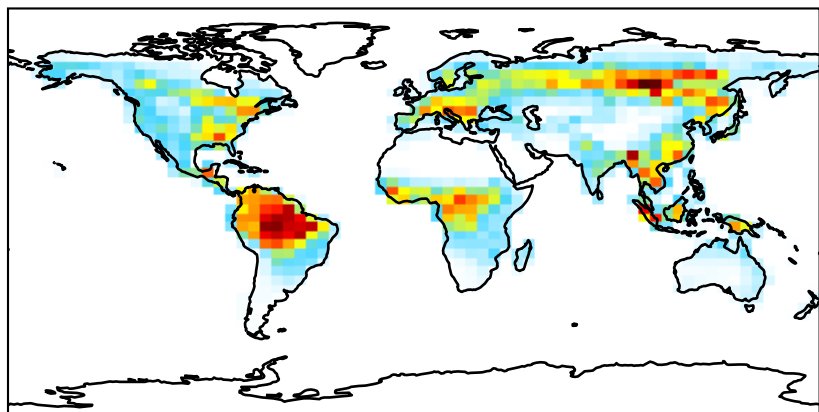


Ratio
Dev/Ref, Fixed Range

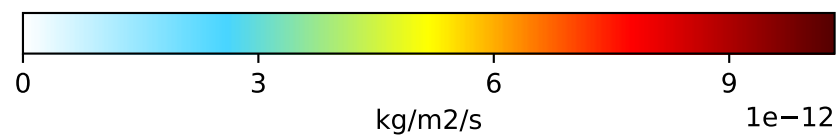
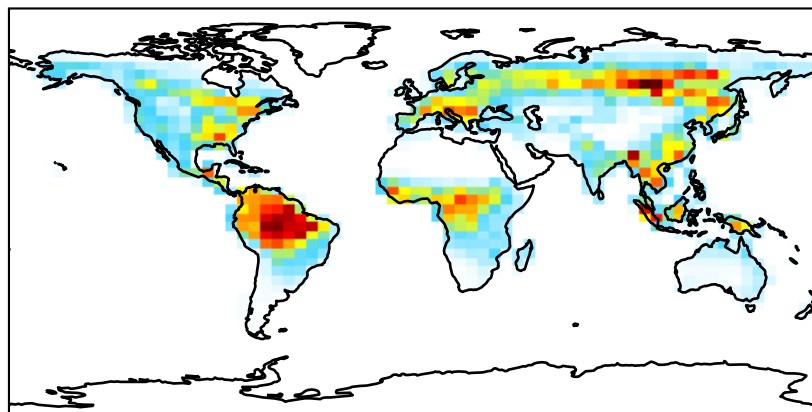


EmisLIMO_Biogenic (Jul2019)

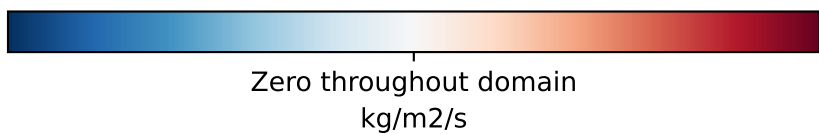
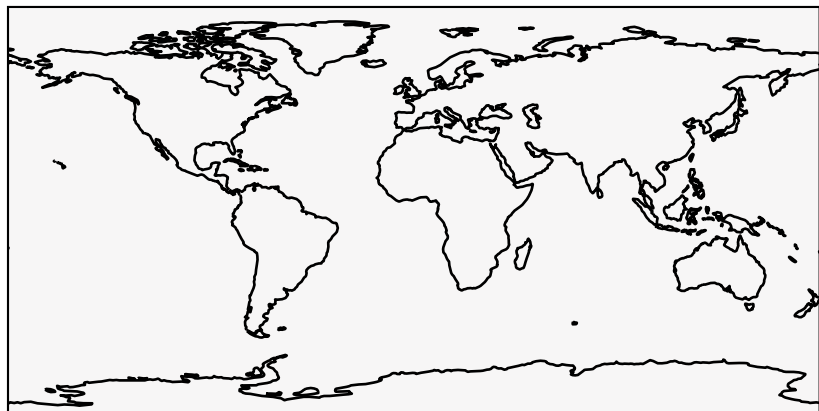
GCC_13.2.0 (Ref)
4.0x5.0



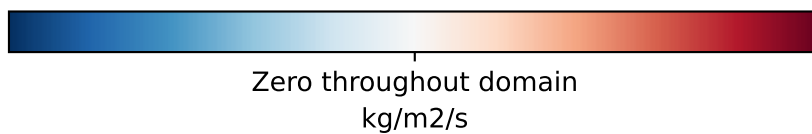
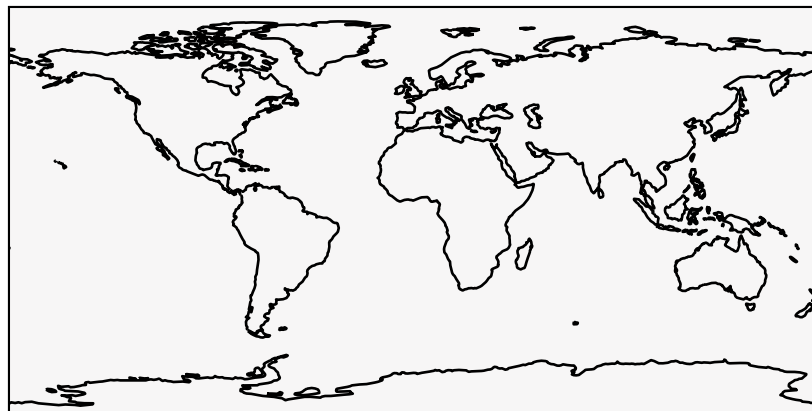
GCC_13.2.0-LuoWetdep (Dev)
4.0x5.0



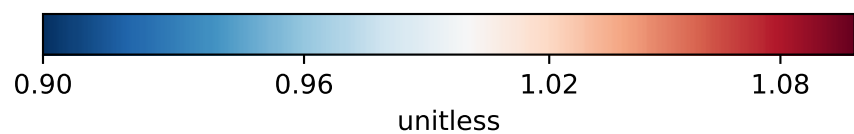
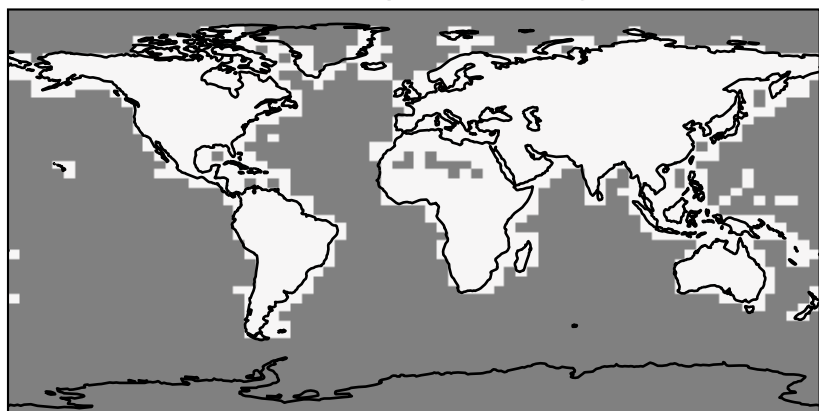
Difference
Dev - Ref, Dynamic Range



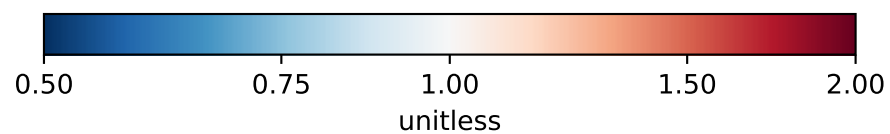
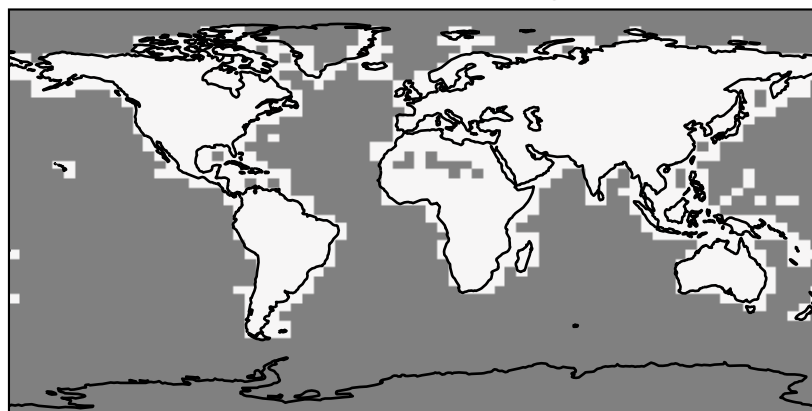
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

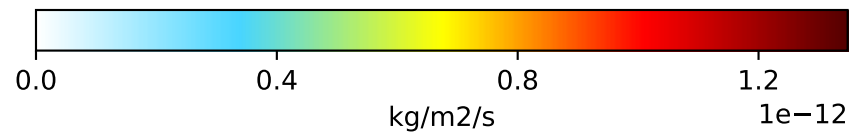
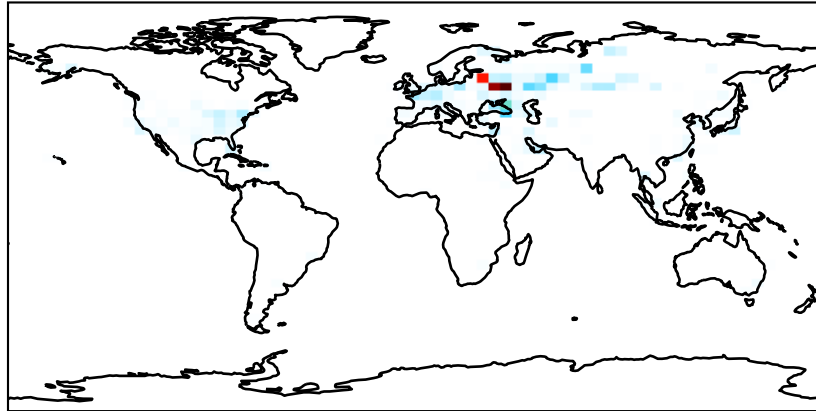


Ratio
Dev/Ref, Fixed Range

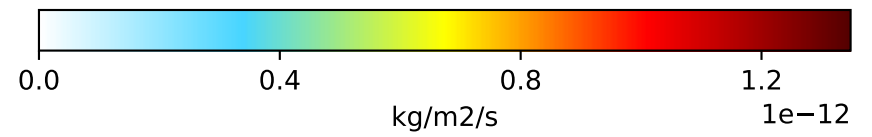
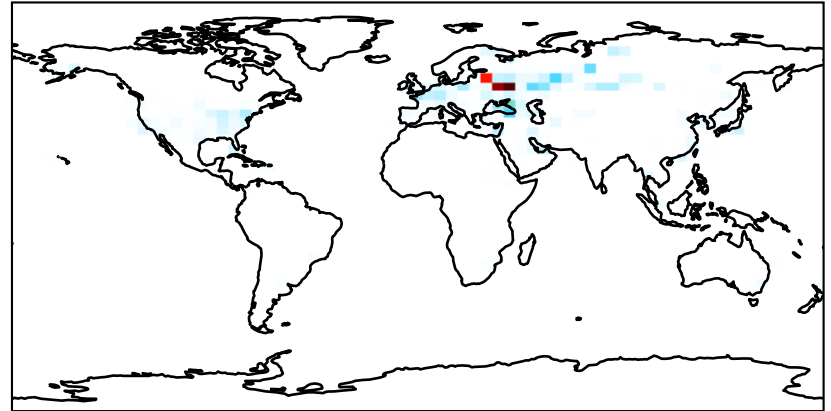


EmisALK4_Aircraft (Jul2019)

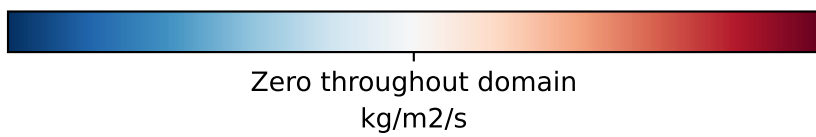
GCC_13.2.0 (Ref)
4.0x5.0



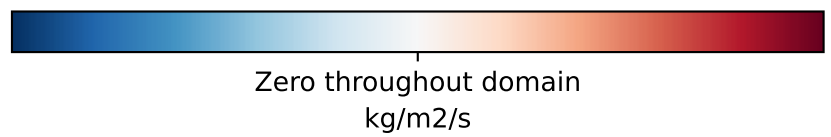
GCC_13.2.0-LuoWetdep (Dev)
4.0x5.0



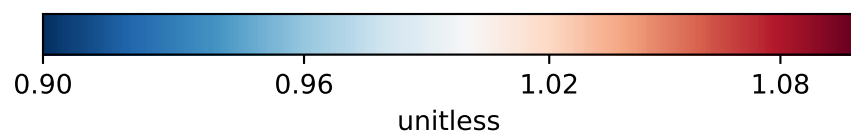
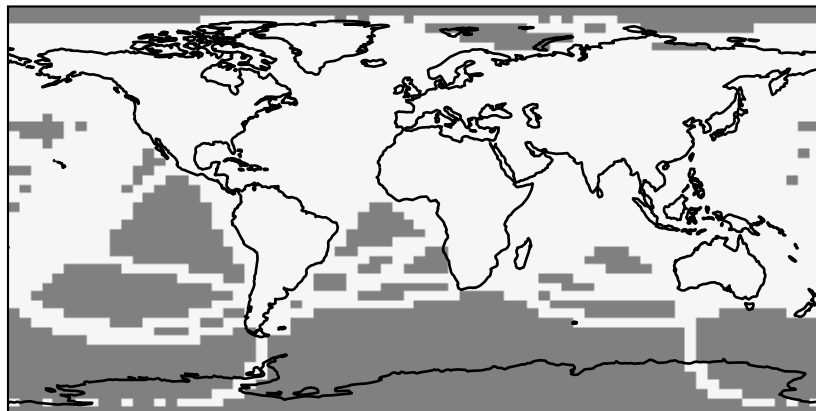
Difference
Dev - Ref, Dynamic Range



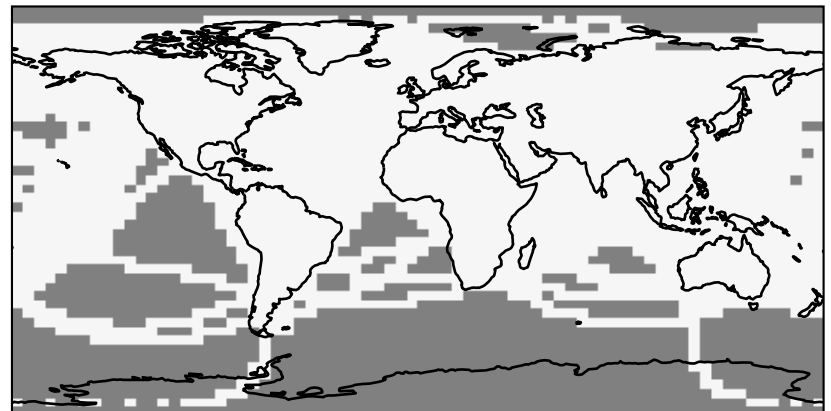
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

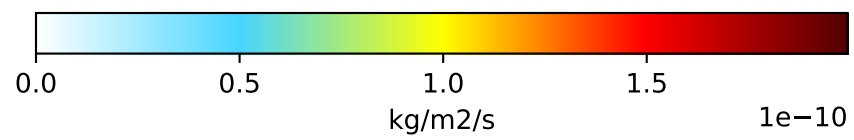
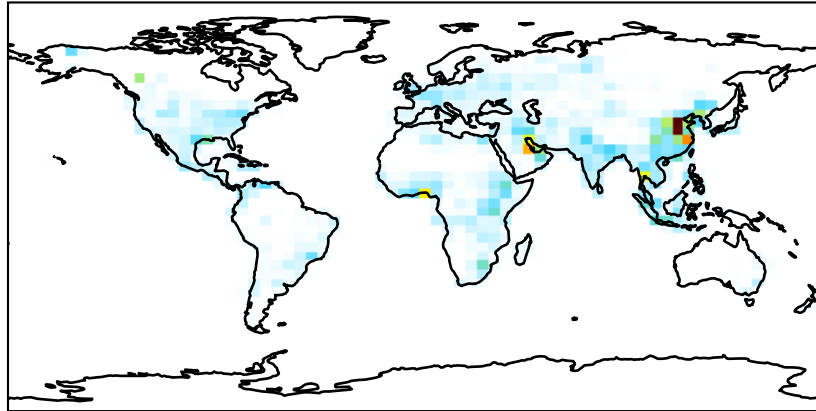


Ratio
Dev/Ref, Fixed Range

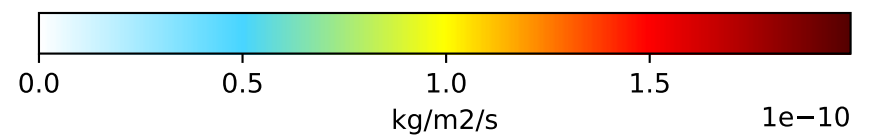
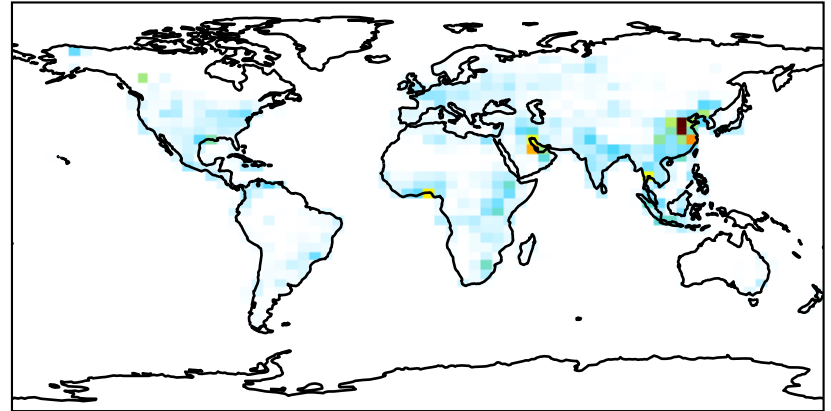


EmisALK4_Anthro (Jul2019)

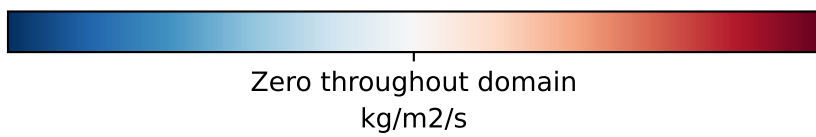
GCC_13.2.0 (Ref)
4.0x5.0



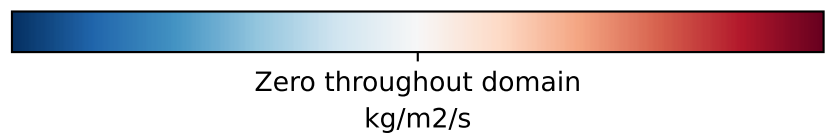
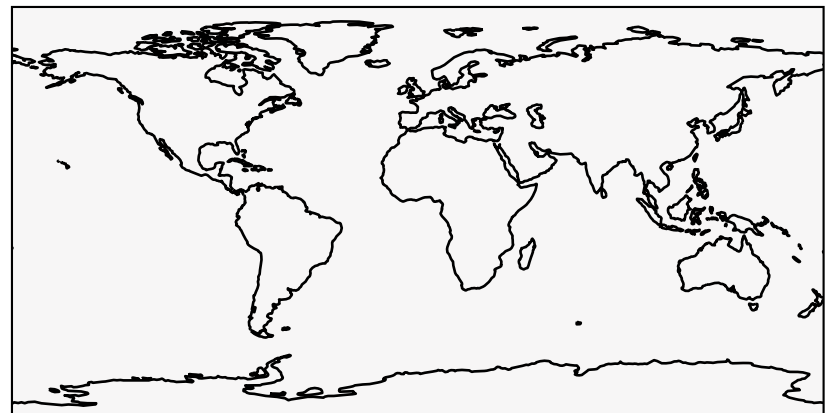
GCC_13.2.0-LuoWetdep (Dev)
4.0x5.0



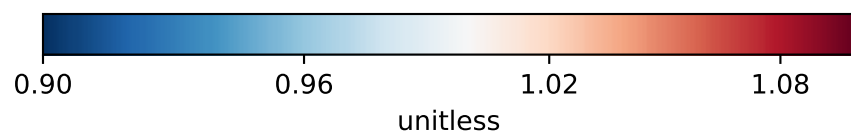
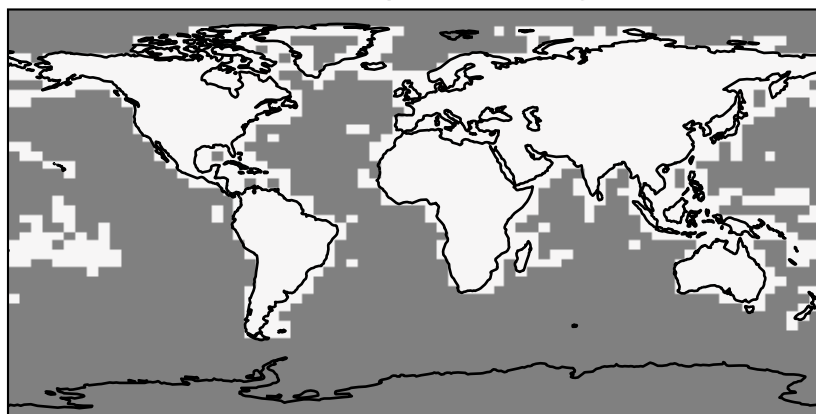
Difference
Dev - Ref, Dynamic Range



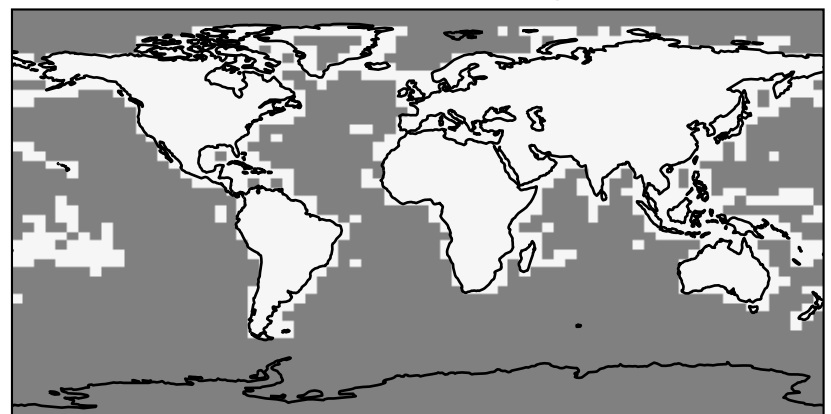
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

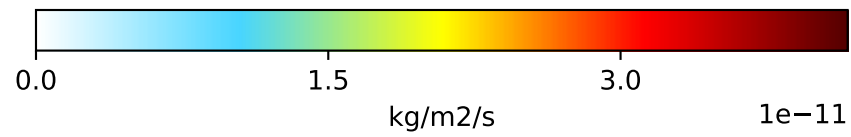
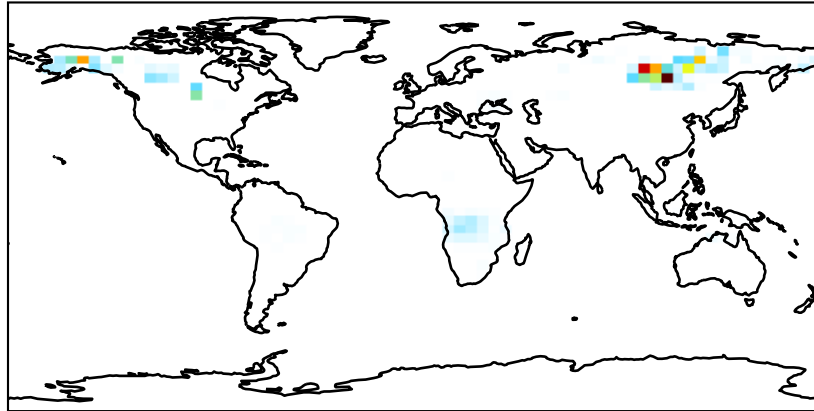


Ratio
Dev/Ref, Fixed Range

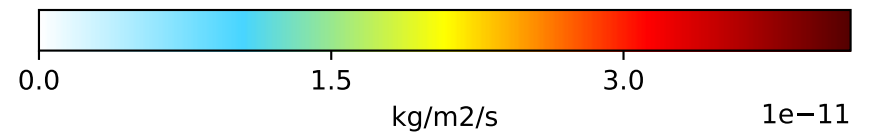
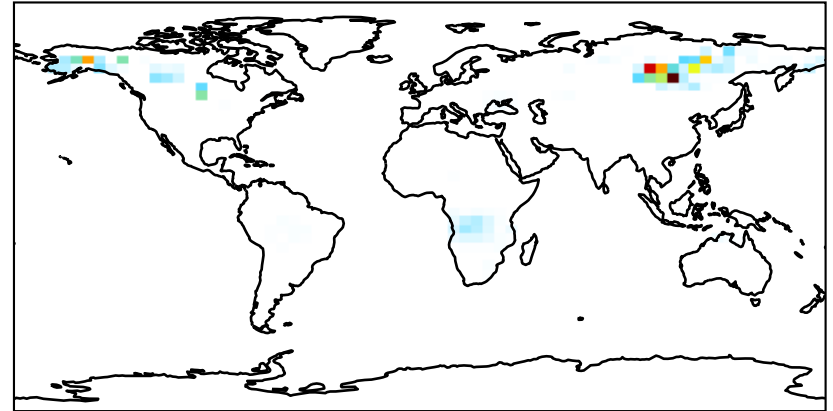


EmisALK4_BioBurn (Jul2019)

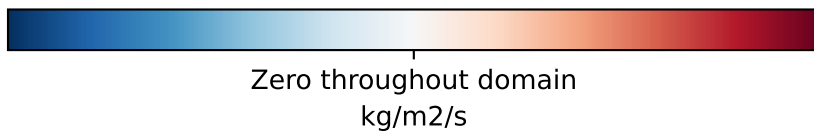
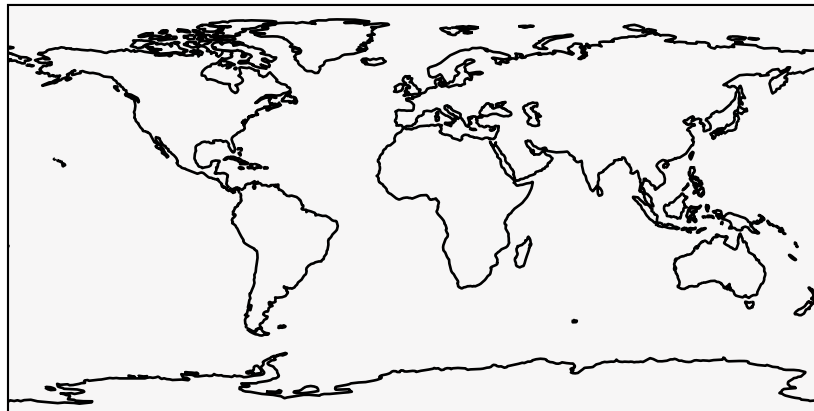
GCC_13.2.0 (Ref)
4.0x5.0



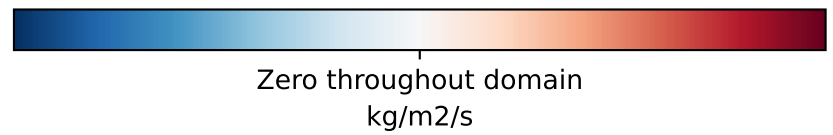
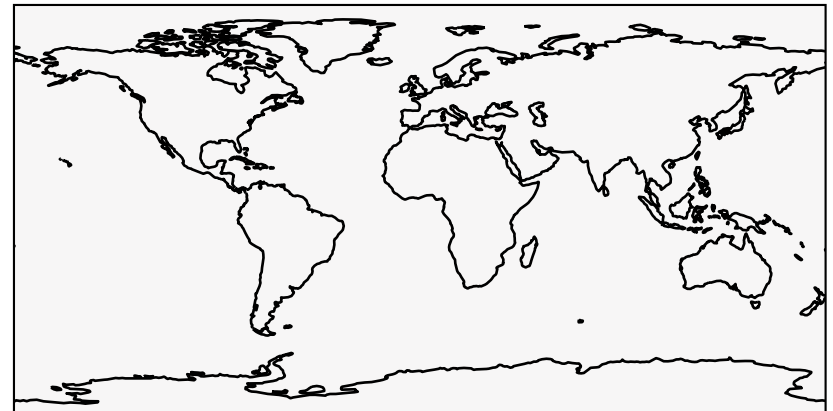
GCC_13.2.0-LuoWetdep (Dev)
4.0x5.0



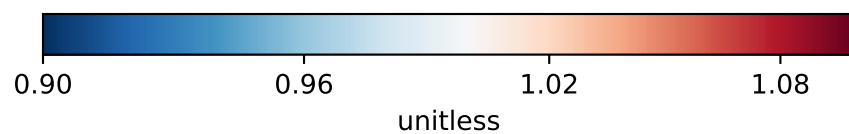
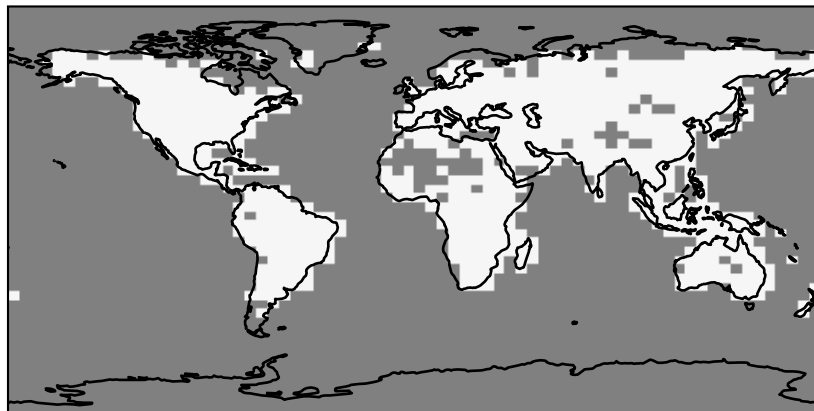
Difference
Dev - Ref, Dynamic Range



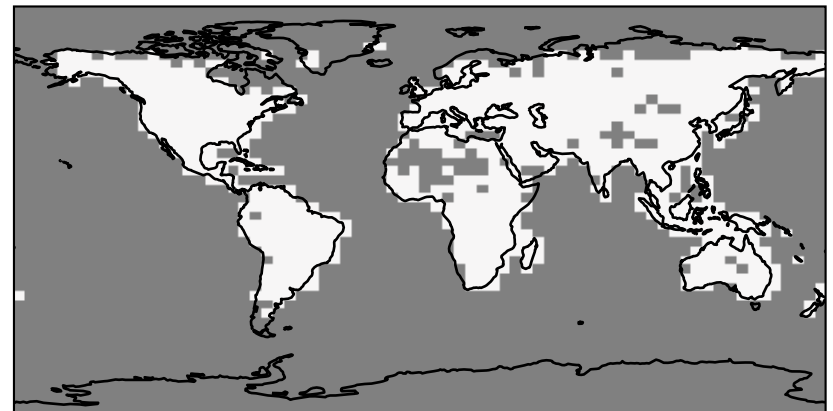
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

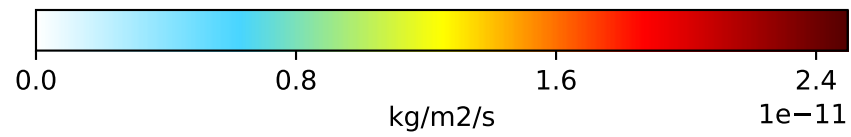
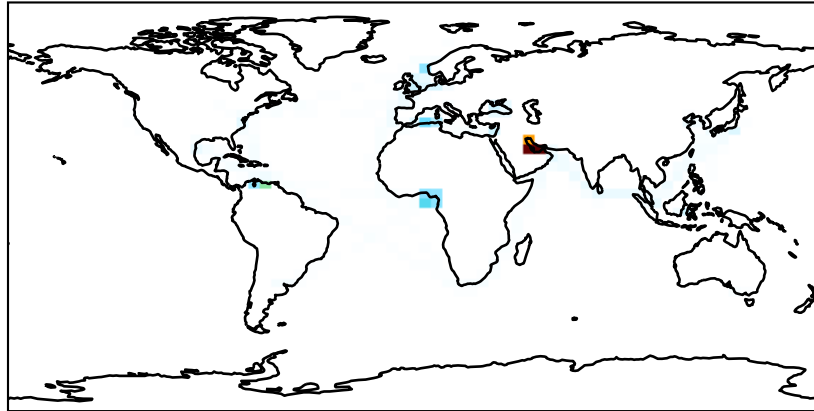


Ratio
Dev/Ref, Fixed Range

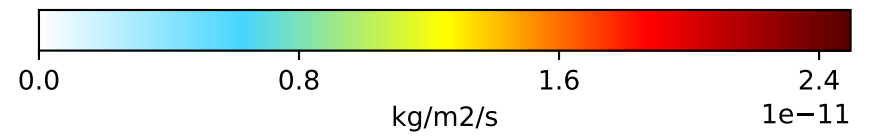


EmisALK4_Ship (Jul2019)

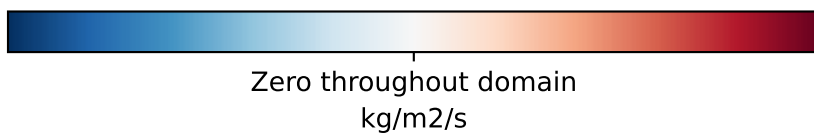
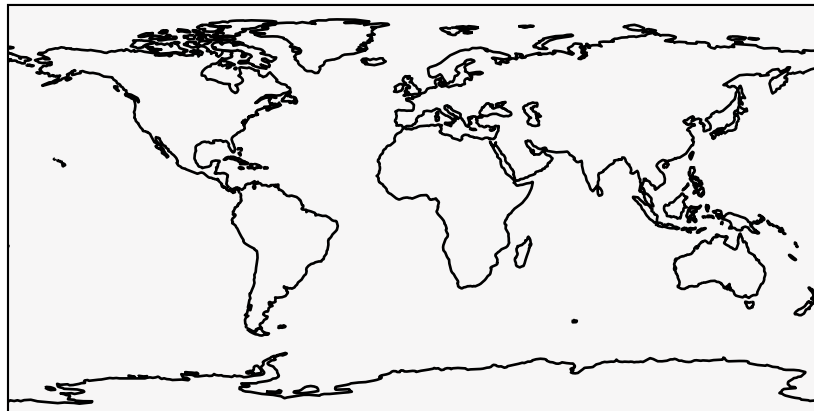
GCC_13.2.0 (Ref)
4.0x5.0



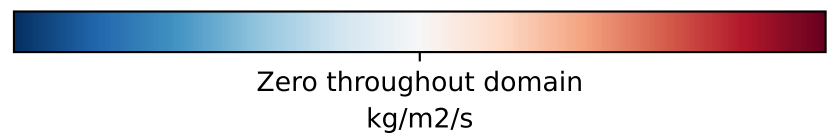
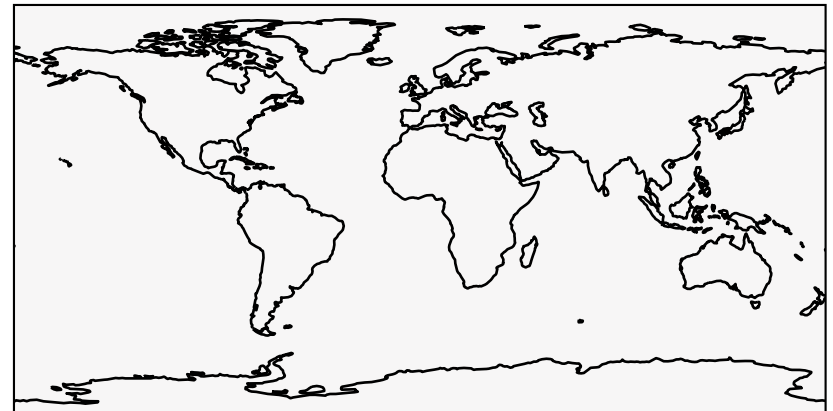
GCC_13.2.0-LuoWetdep (Dev)
4.0x5.0



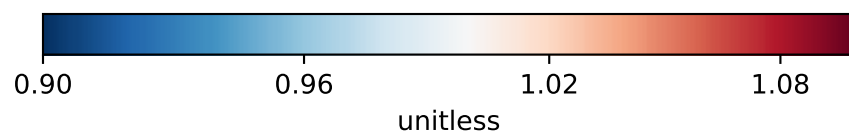
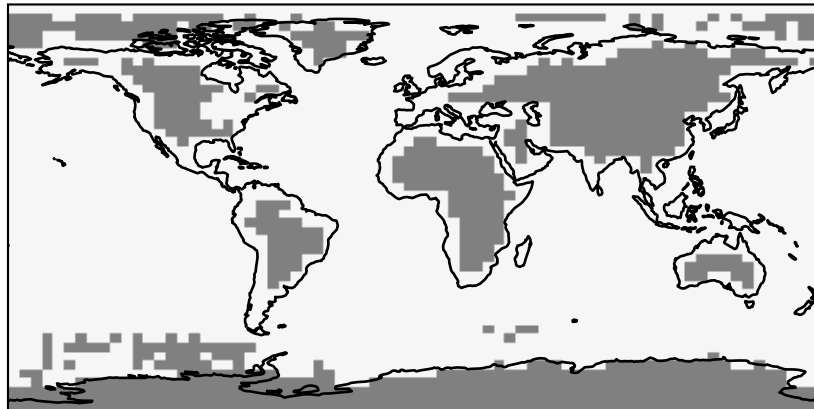
Difference
Dev - Ref, Dynamic Range



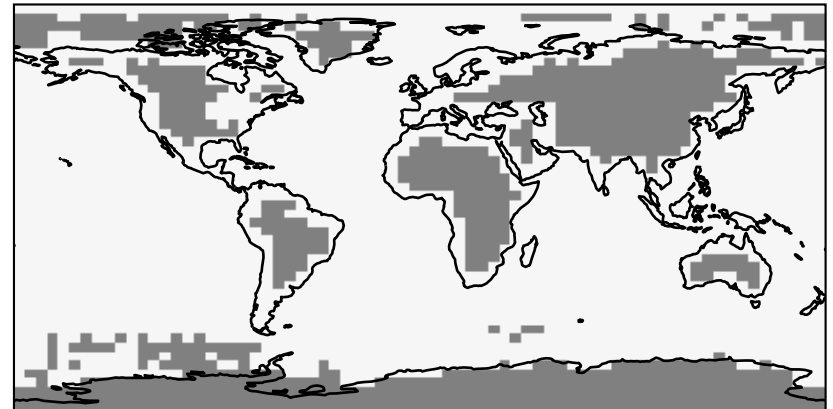
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

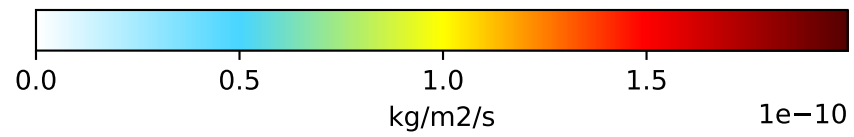
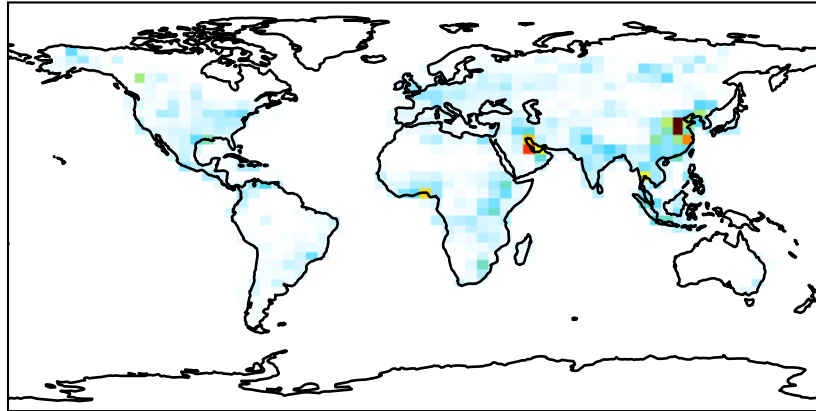


Ratio
Dev/Ref, Fixed Range

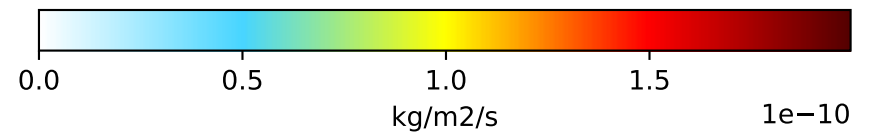
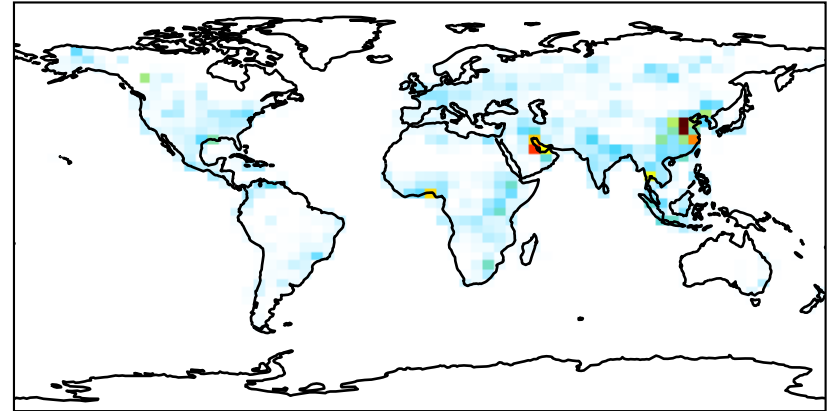


EmisALK4_Total (Jul2019)

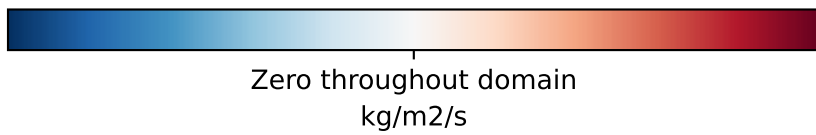
GCC_13.2.0 (Ref)
4.0x5.0



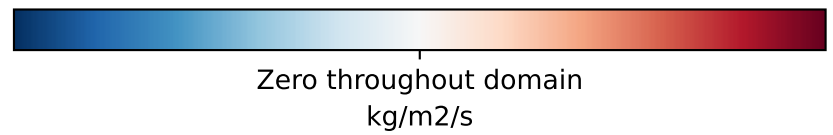
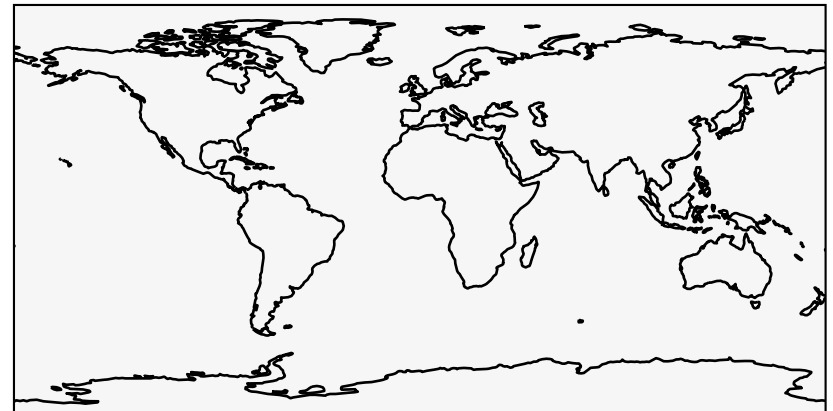
GCC_13.2.0-LuoWetdep (Dev)
4.0x5.0



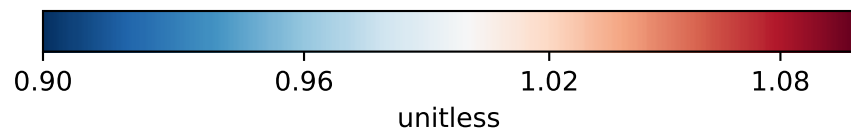
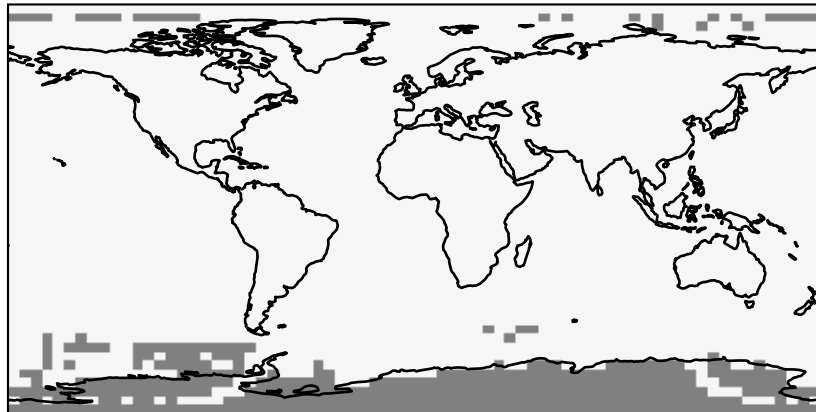
Difference
Dev - Ref, Dynamic Range



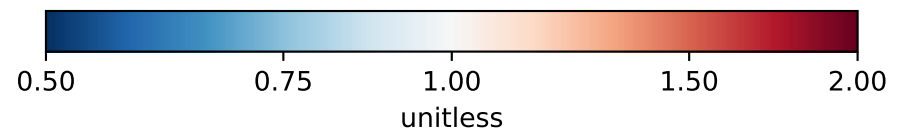
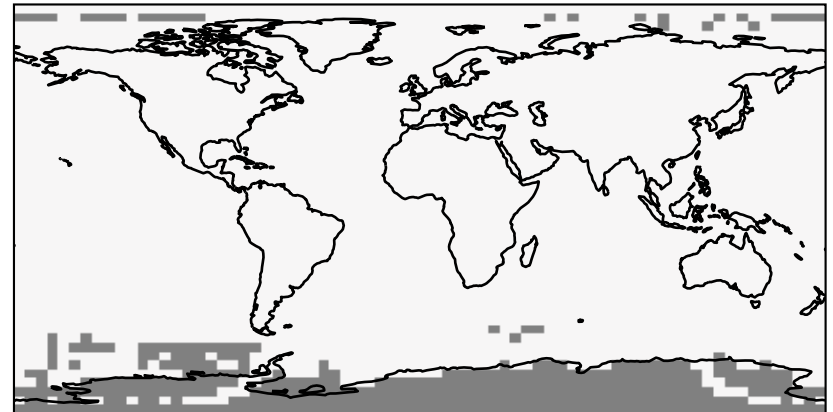
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

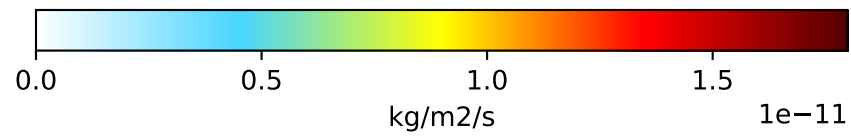
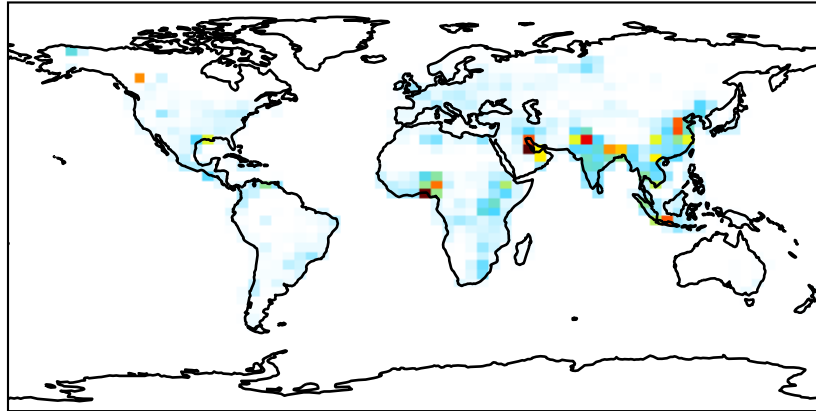


Ratio
Dev/Ref, Fixed Range

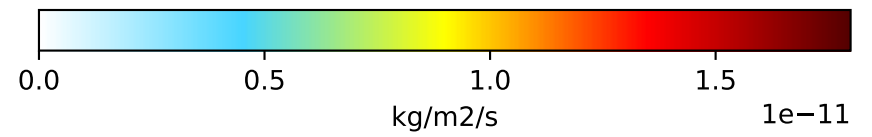
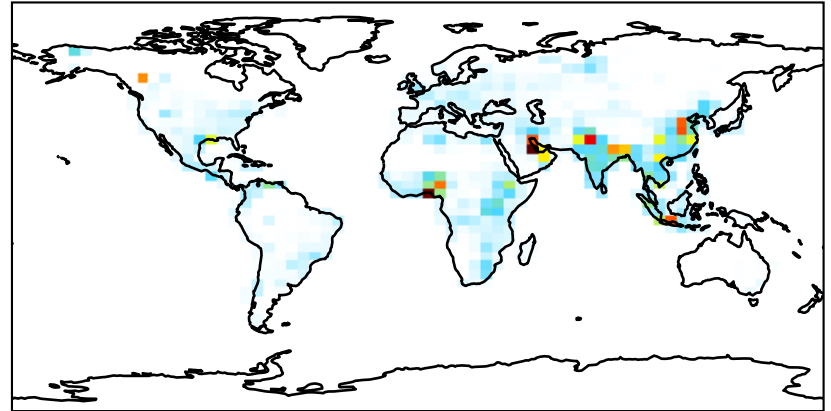


EmisBENZ_Anthro (Jul2019)

GCC_13.2.0 (Ref)
4.0x5.0



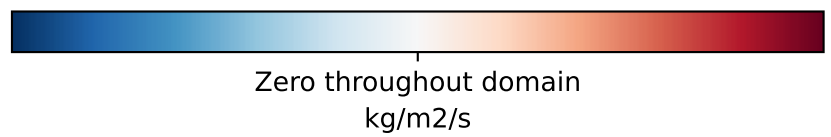
GCC_13.2.0-LuoWetdep (Dev)
4.0x5.0



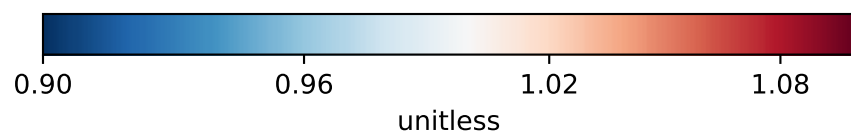
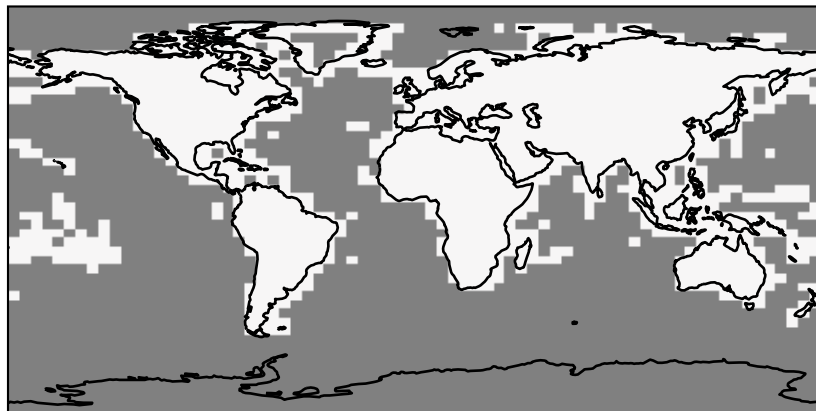
Difference
Dev - Ref, Dynamic Range



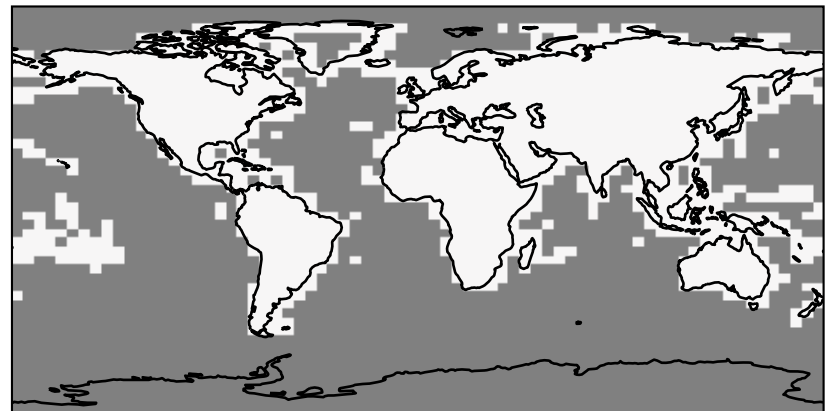
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

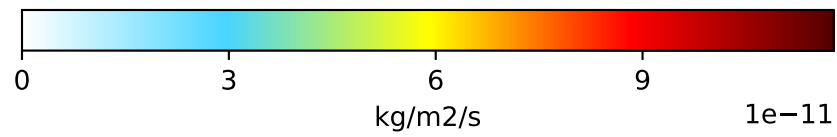
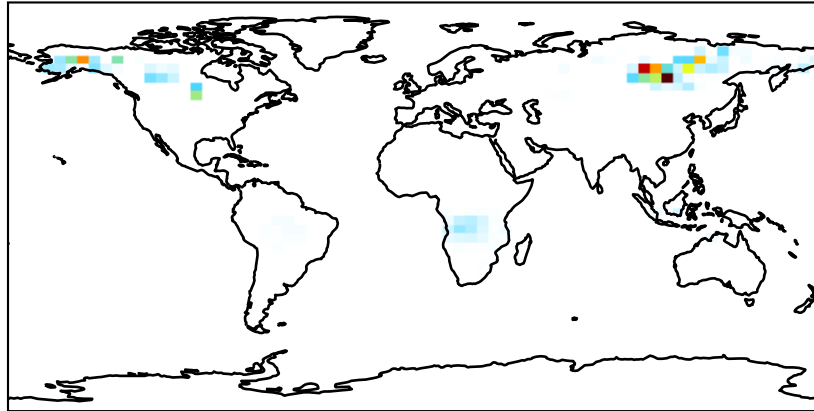


Ratio
Dev/Ref, Fixed Range

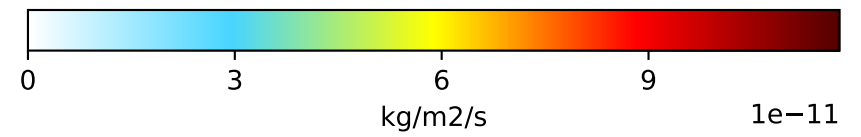
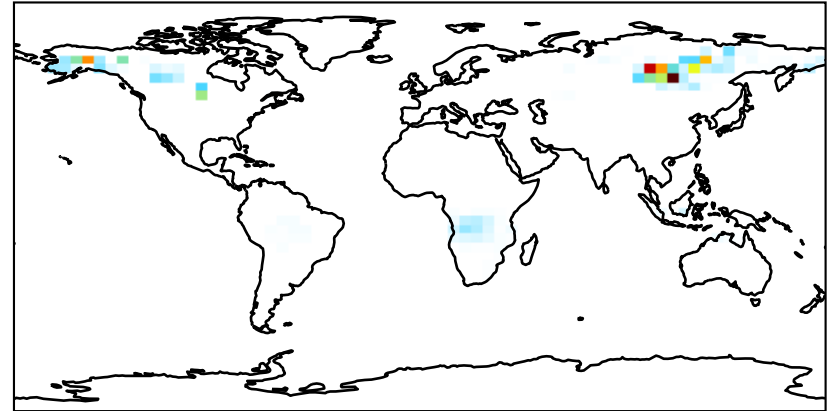


EmisBENZ_BioBurn (Jul2019)

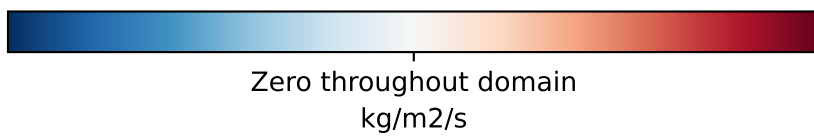
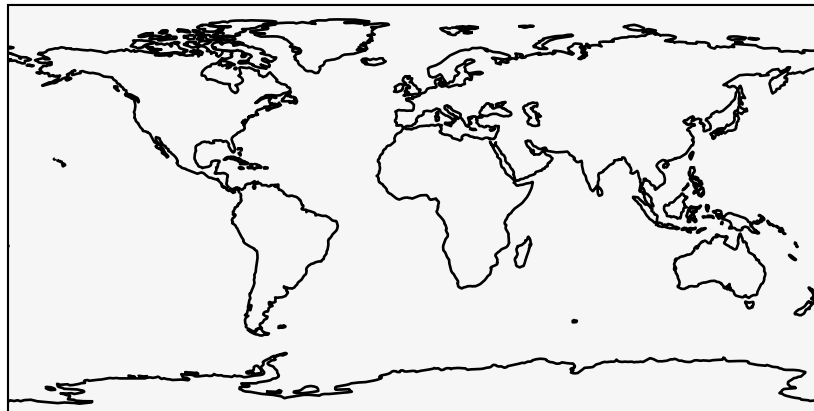
GCC_13.2.0 (Ref)
4.0x5.0



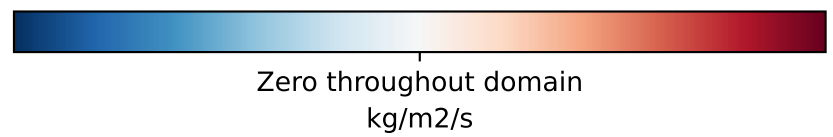
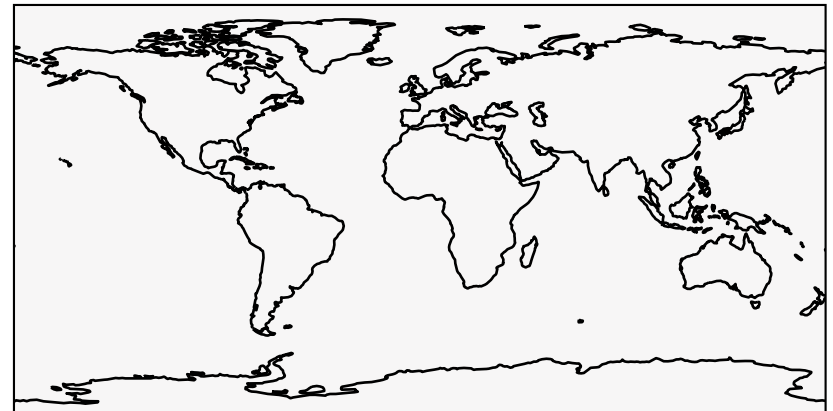
GCC_13.2.0-LuoWetdep (Dev)
4.0x5.0



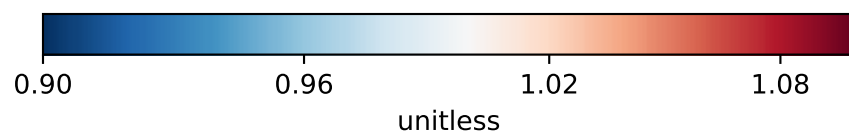
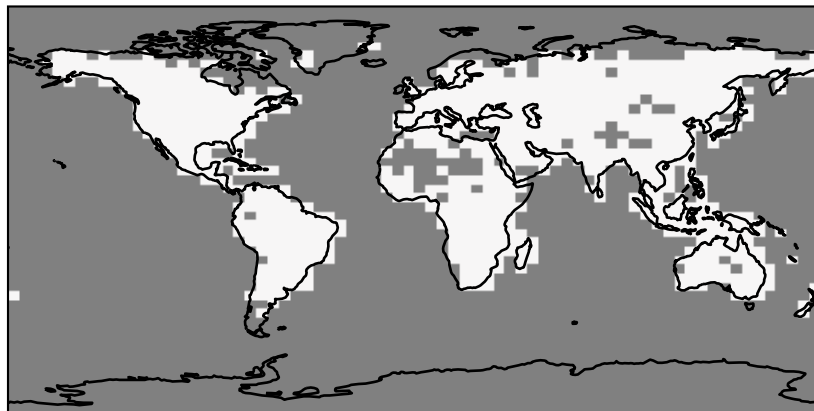
Difference
Dev - Ref, Dynamic Range



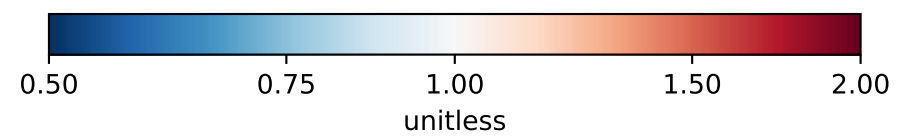
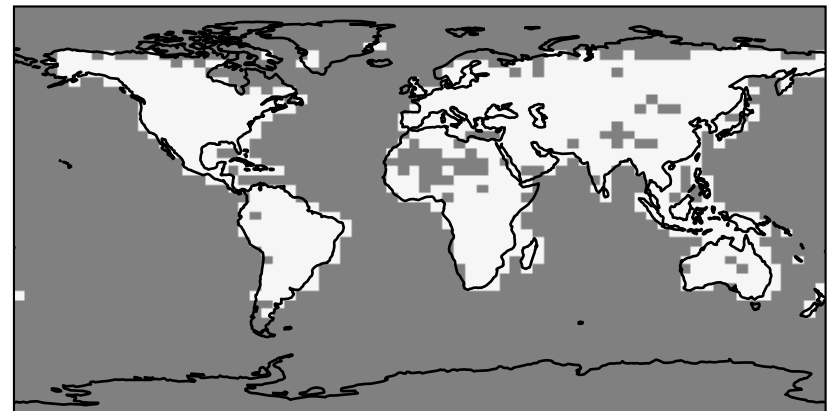
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

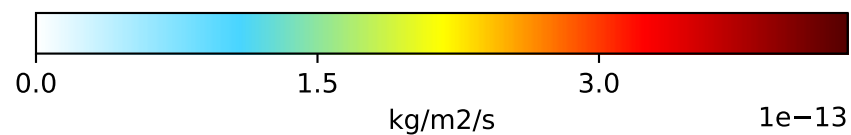
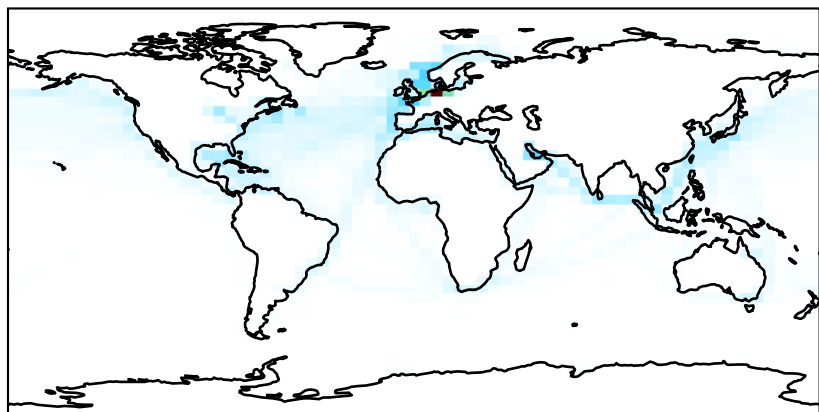


Ratio
Dev/Ref, Fixed Range

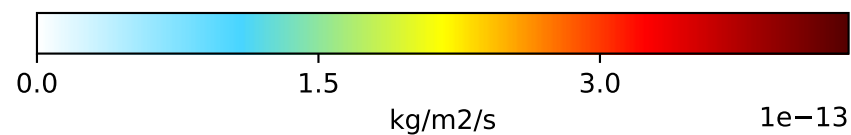
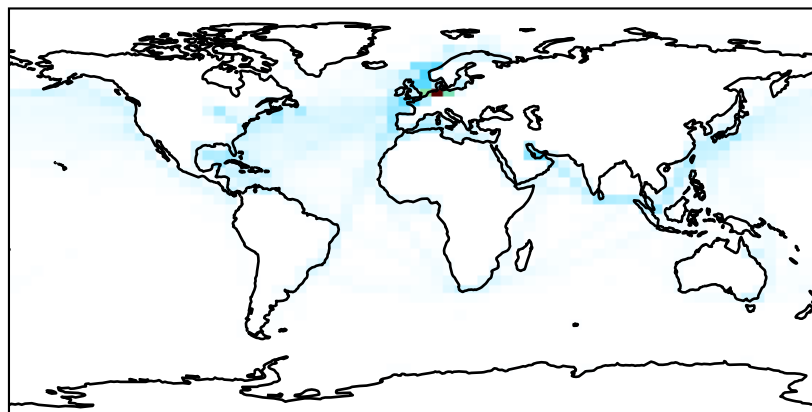


EmisBENZ_Ship (Jul2019)

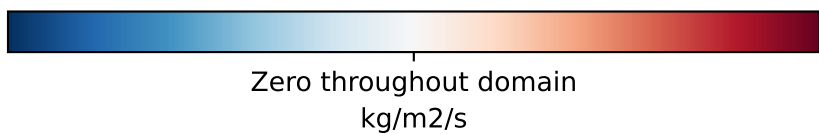
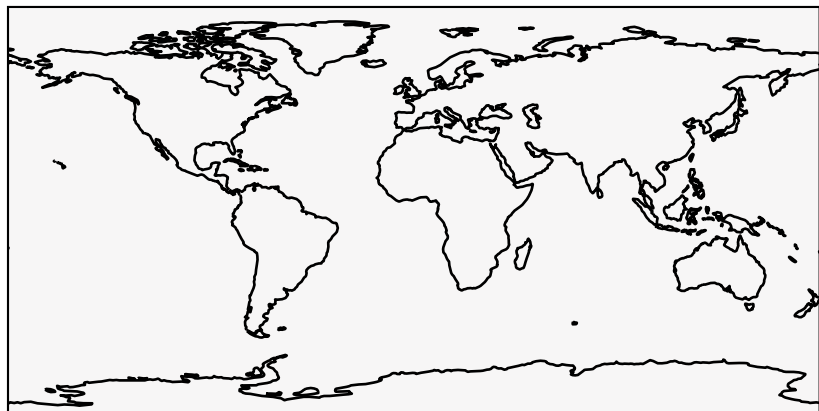
GCC_13.2.0 (Ref)
4.0x5.0



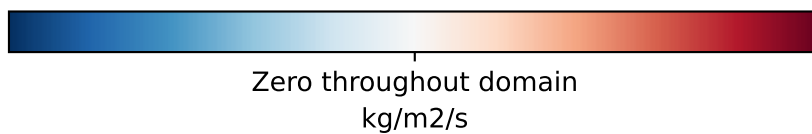
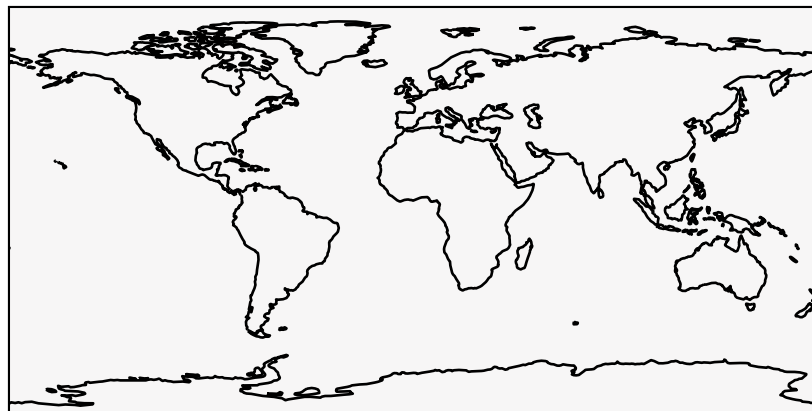
GCC_13.2.0-LuoWetdep (Dev)
4.0x5.0



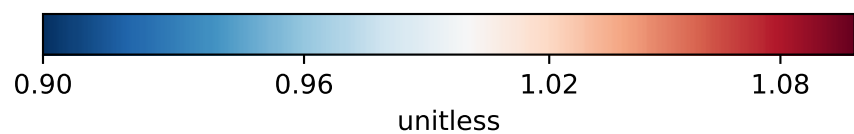
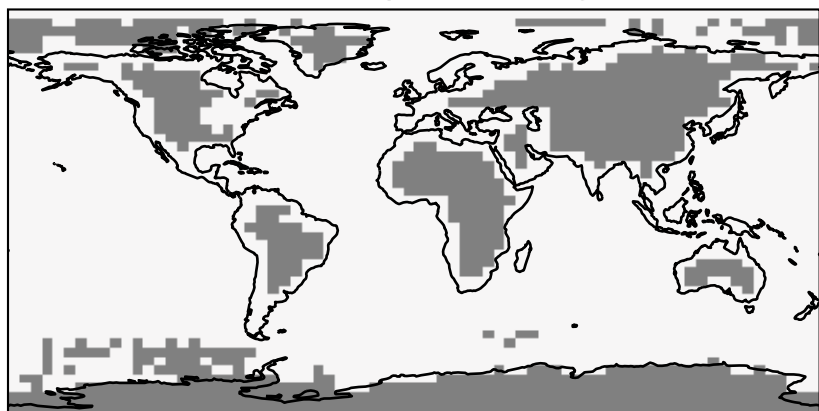
Difference
Dev - Ref, Dynamic Range



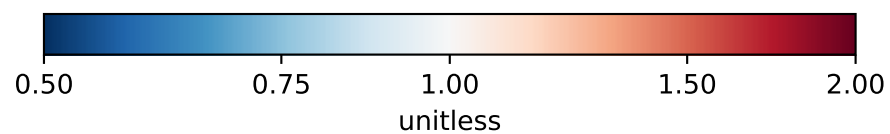
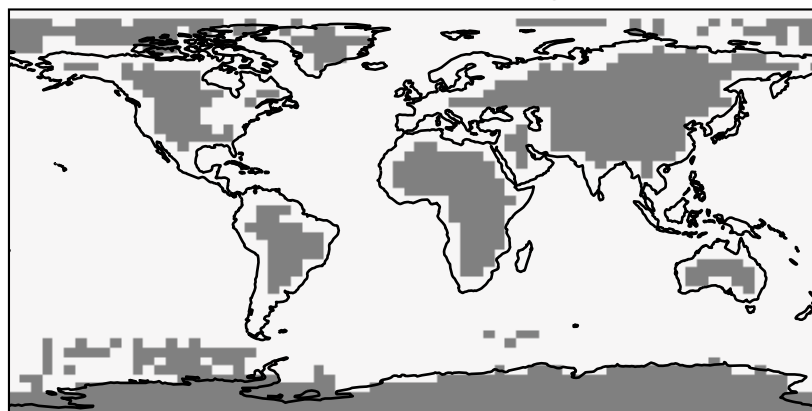
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

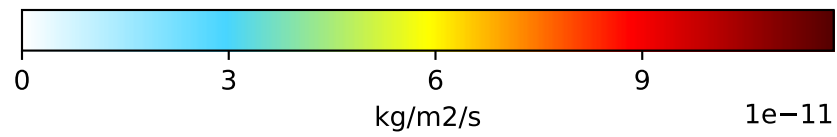
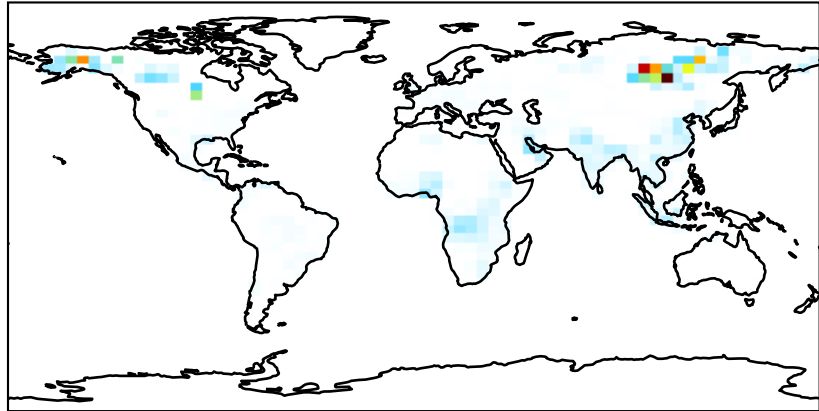


Ratio
Dev/Ref, Fixed Range

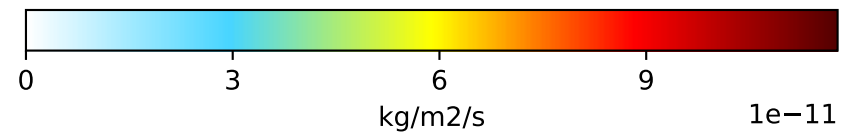
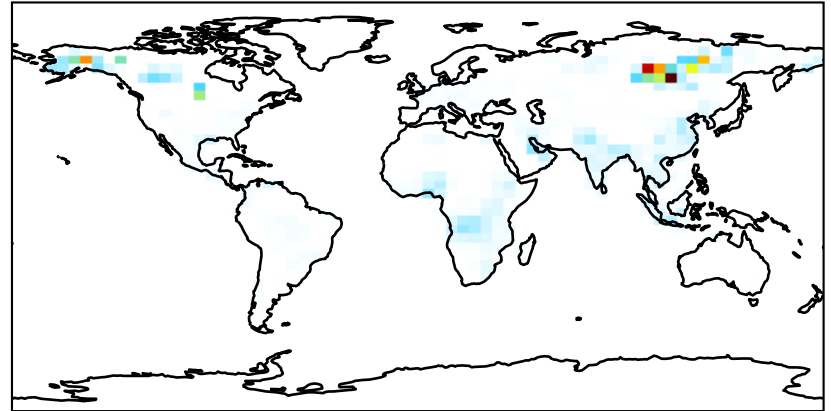


EmisBENZ_Total (Jul2019)

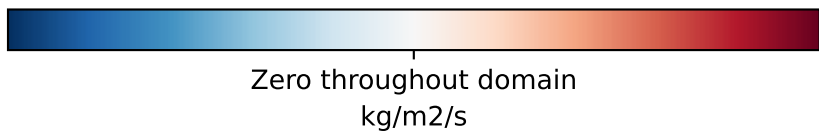
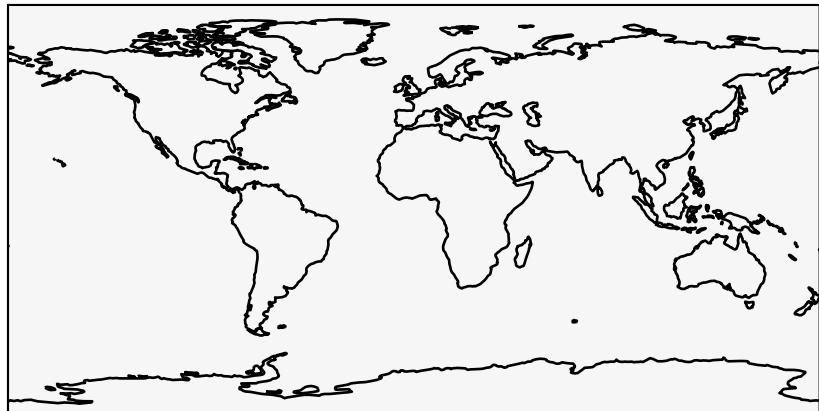
GCC_13.2.0 (Ref)
4.0x5.0



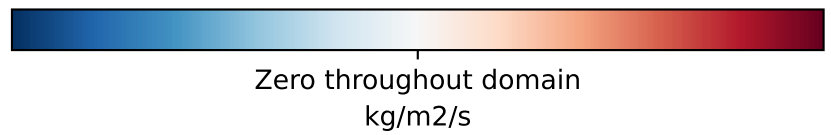
GCC_13.2.0-LuoWetdep (Dev)
4.0x5.0



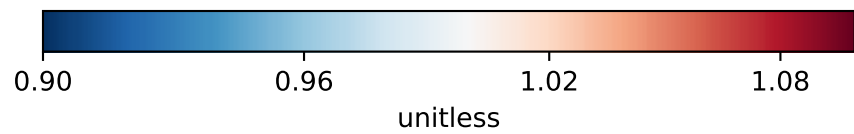
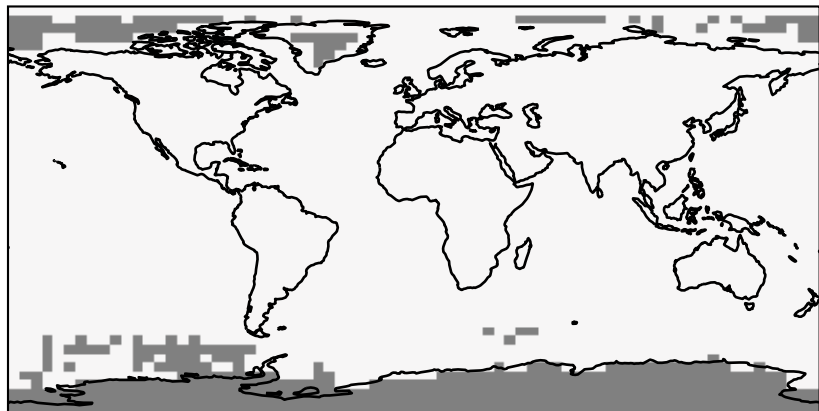
Difference
Dev - Ref, Dynamic Range



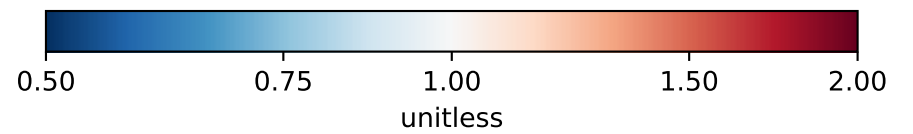
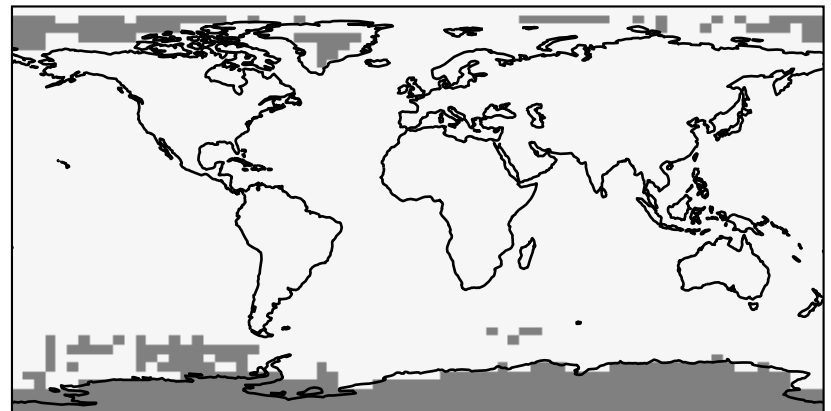
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

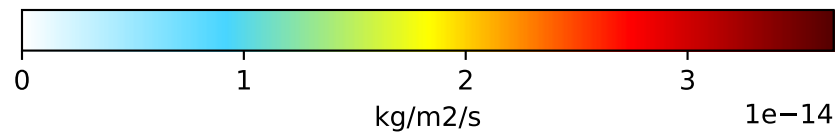
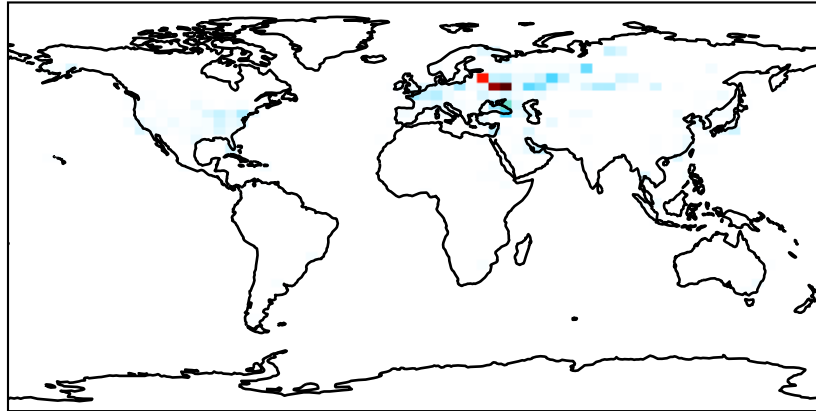


Ratio
Dev/Ref, Fixed Range

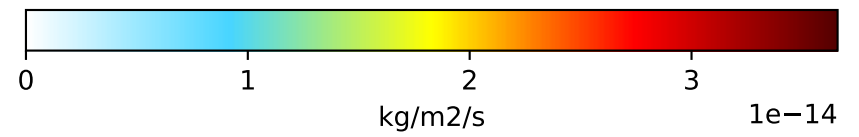
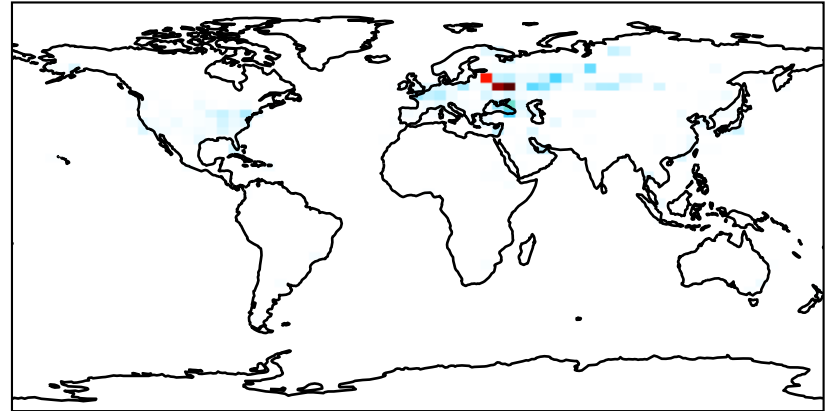


EmisC2H6_Aircraft (Jul2019)

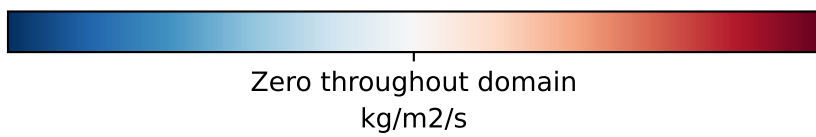
GCC_13.2.0 (Ref)
4.0x5.0



GCC_13.2.0-LuoWetdep (Dev)
4.0x5.0

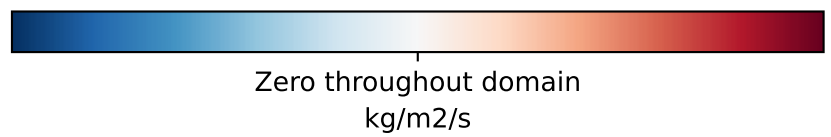
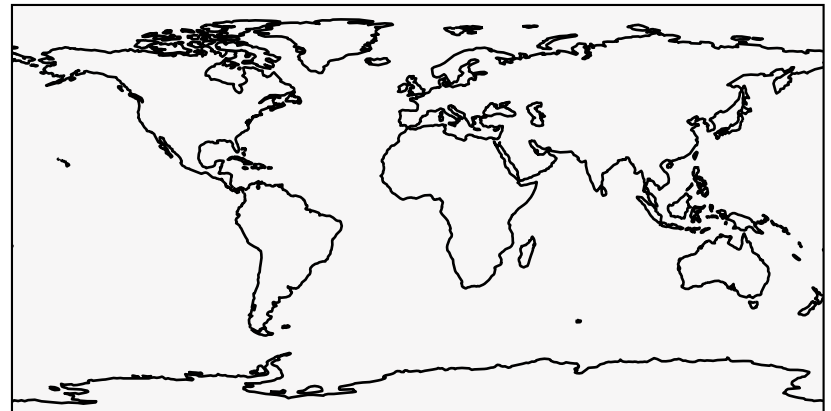


Difference
Dev - Ref, Dynamic Range



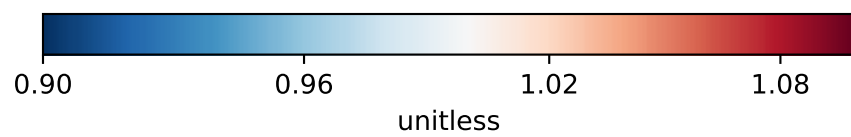
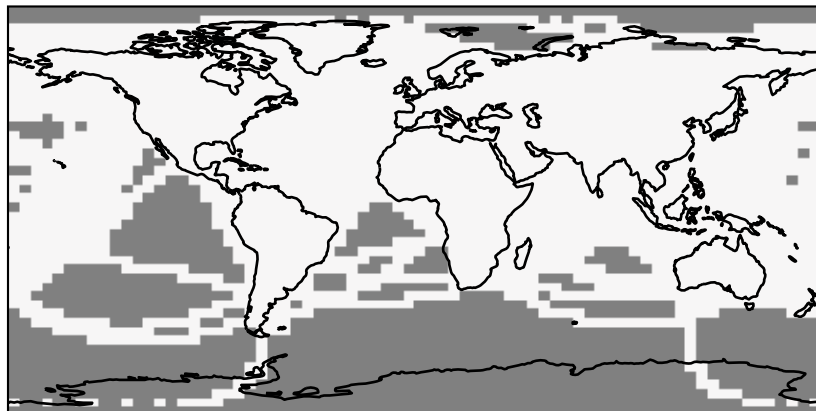
Zero throughout domain
kg/m2/s

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



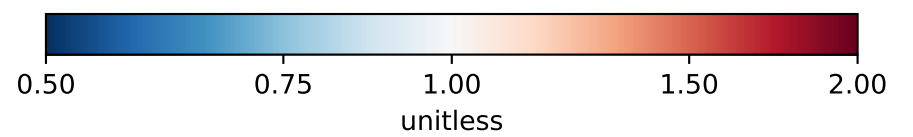
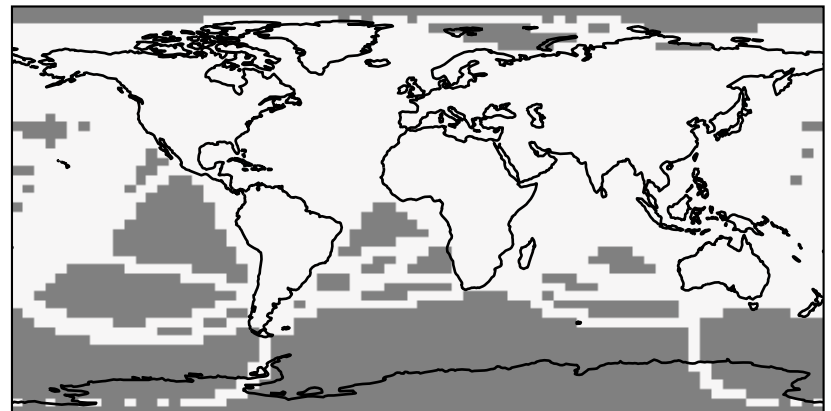
Zero throughout domain
kg/m2/s

Ratio
Dev/Ref, Dynamic Range



unitless

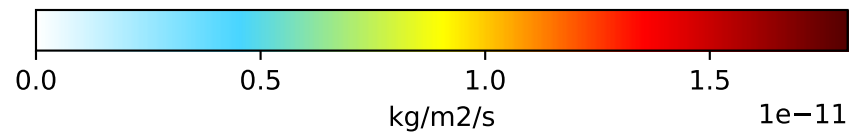
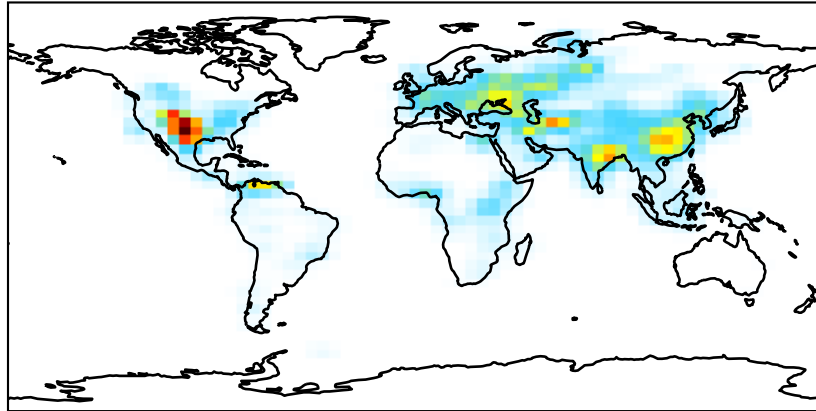
Ratio
Dev/Ref, Fixed Range



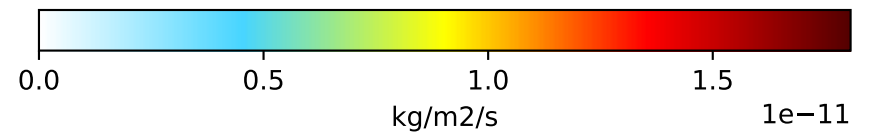
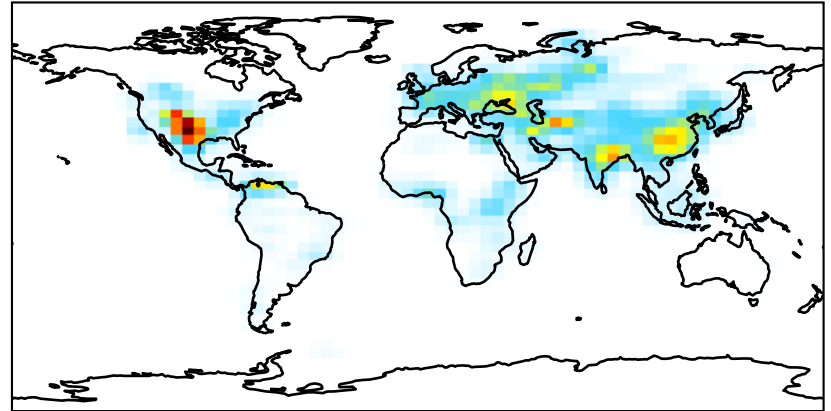
unitless

EmisC2H6_Anthro (Jul2019)

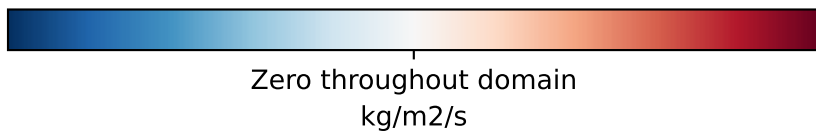
GCC_13.2.0 (Ref)
4.0x5.0



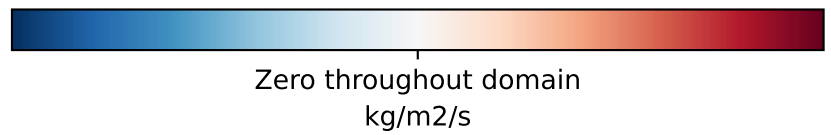
GCC_13.2.0-LuoWetdep (Dev)
4.0x5.0



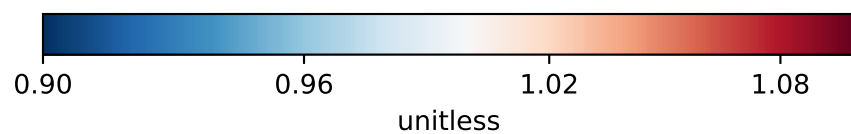
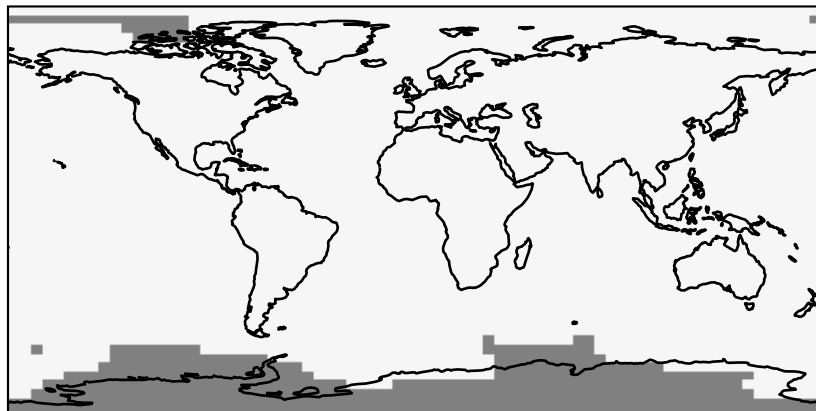
Difference
Dev - Ref, Dynamic Range



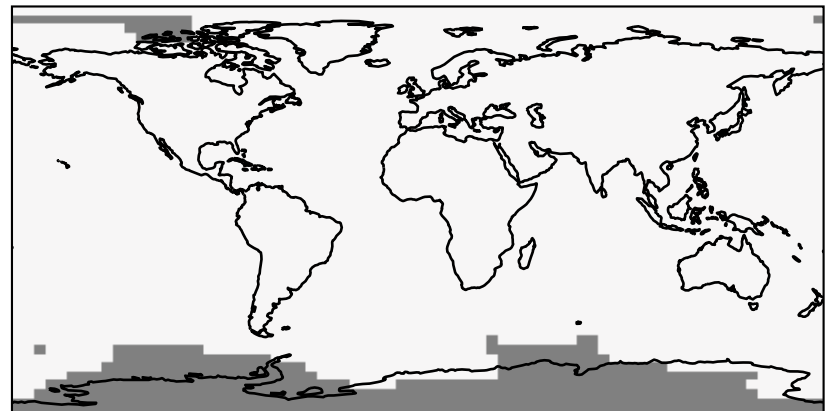
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

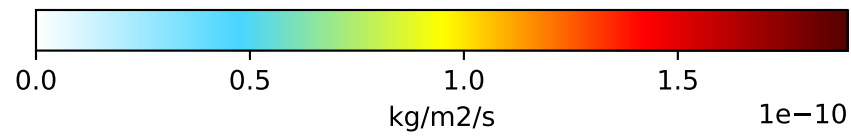
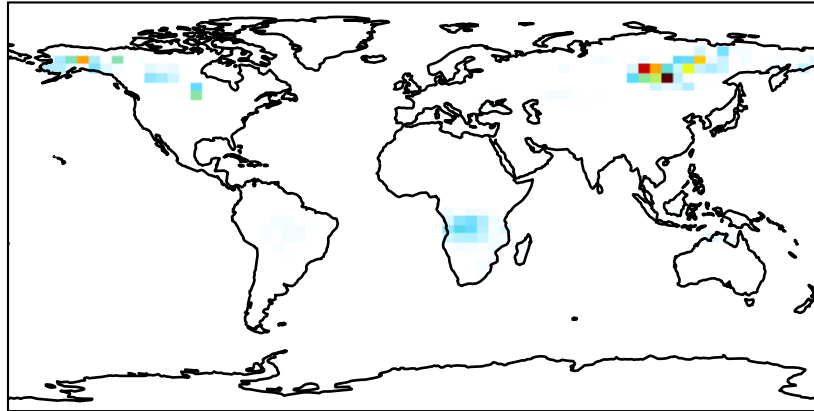


Ratio
Dev/Ref, Fixed Range

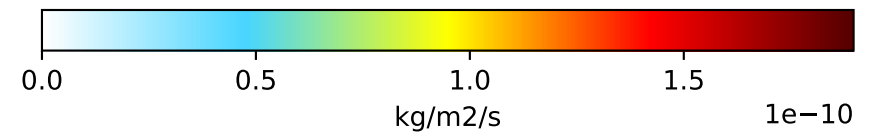
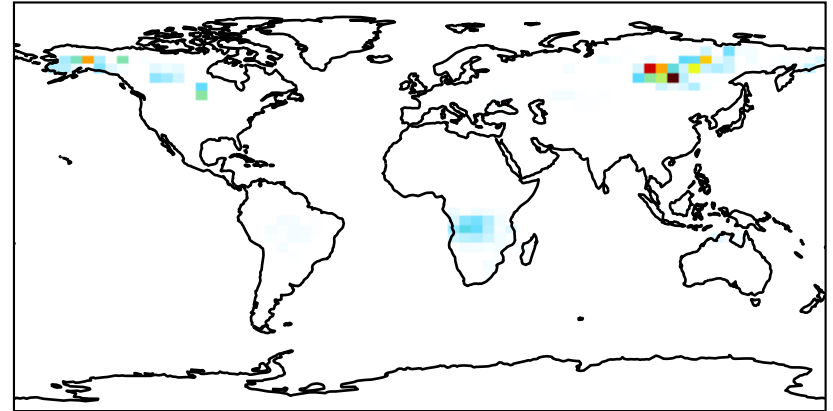


EmisC2H6_BioBurn (Jul2019)

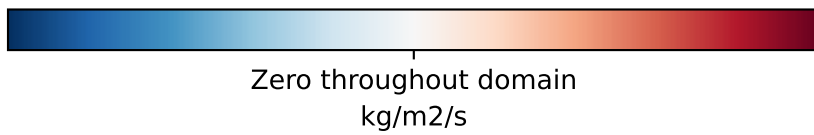
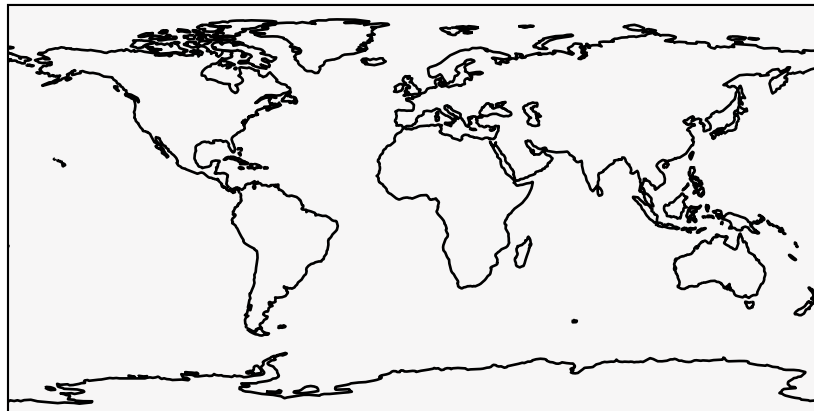
GCC_13.2.0 (Ref)
4.0x5.0



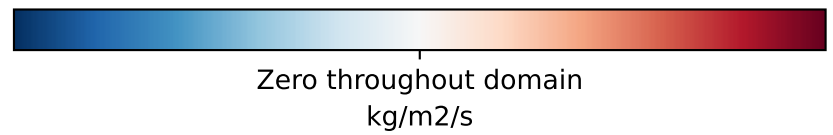
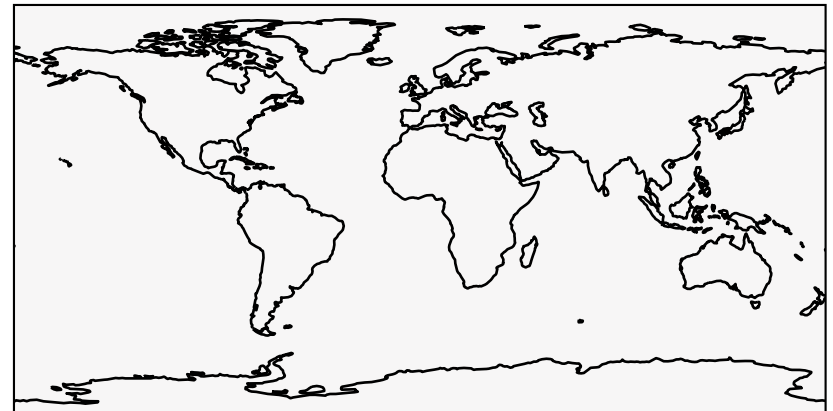
GCC_13.2.0-LuoWetdep (Dev)
4.0x5.0



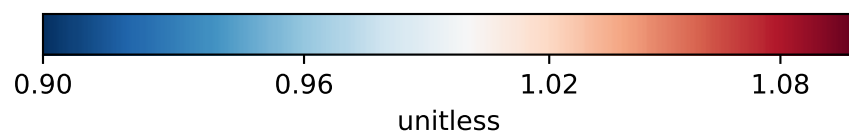
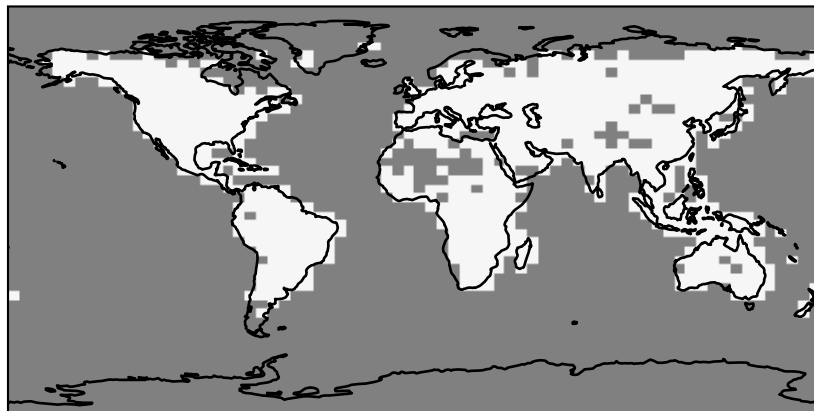
Difference
Dev - Ref, Dynamic Range



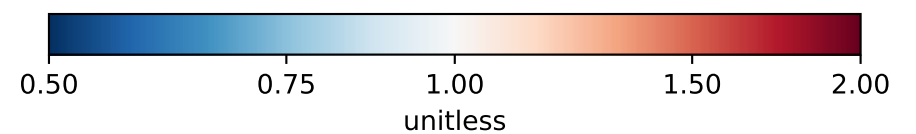
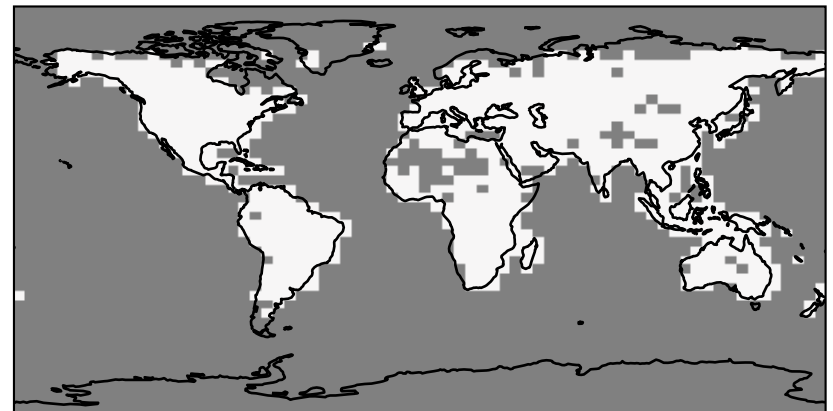
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

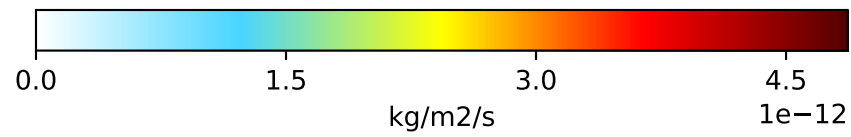


Ratio
Dev/Ref, Fixed Range

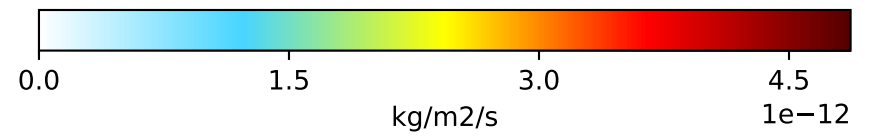
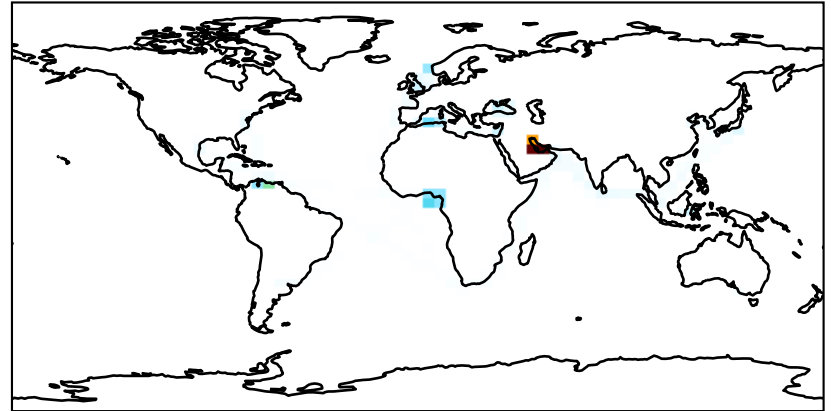


EmisC2H6_Ship (Jul2019)

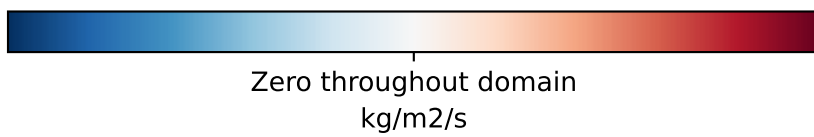
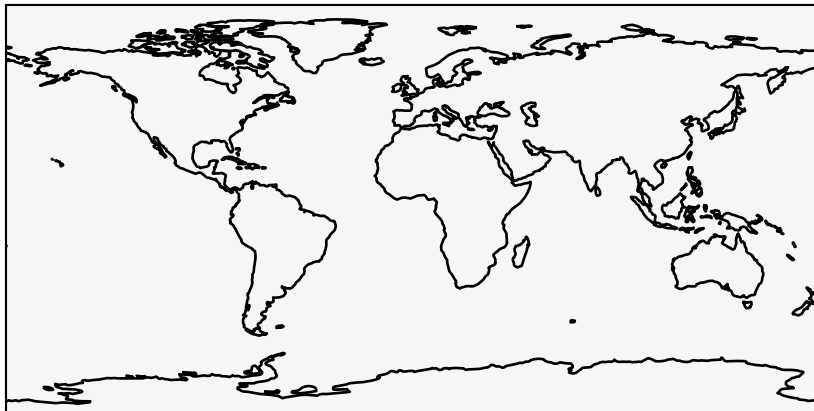
GCC_13.2.0 (Ref)
4.0x5.0



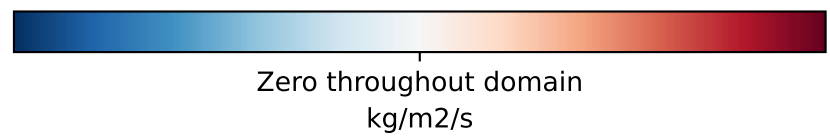
GCC_13.2.0-LuoWetdep (Dev)
4.0x5.0



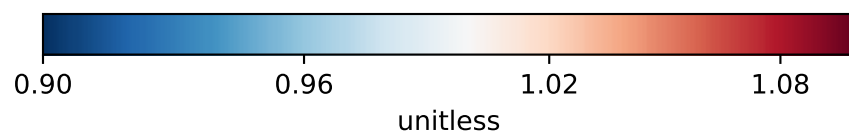
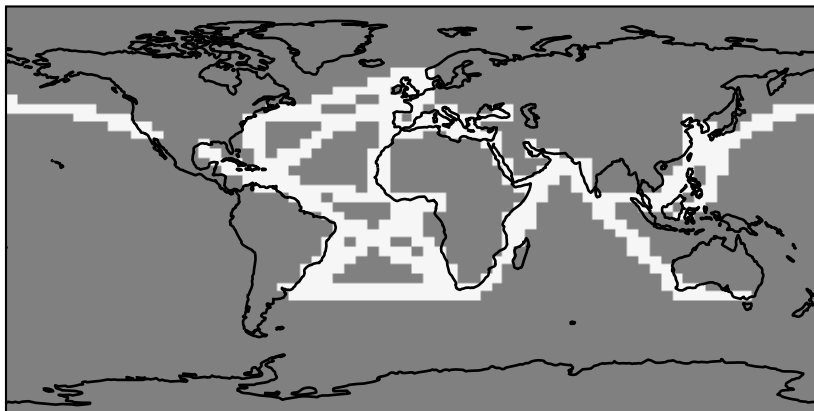
Difference
Dev - Ref, Dynamic Range



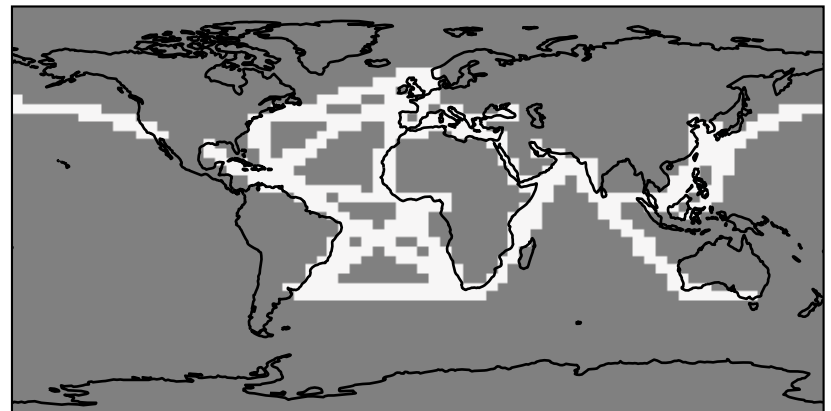
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

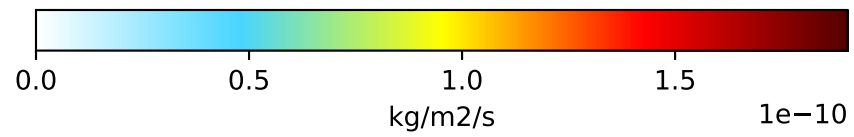
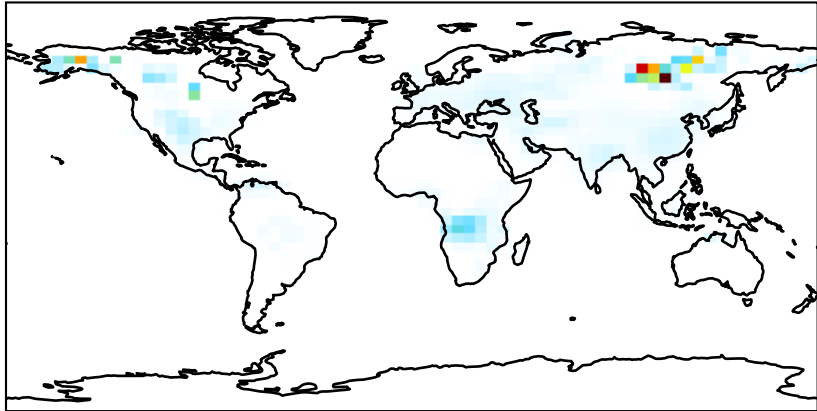


Ratio
Dev/Ref, Fixed Range

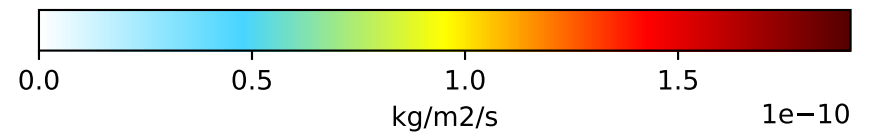
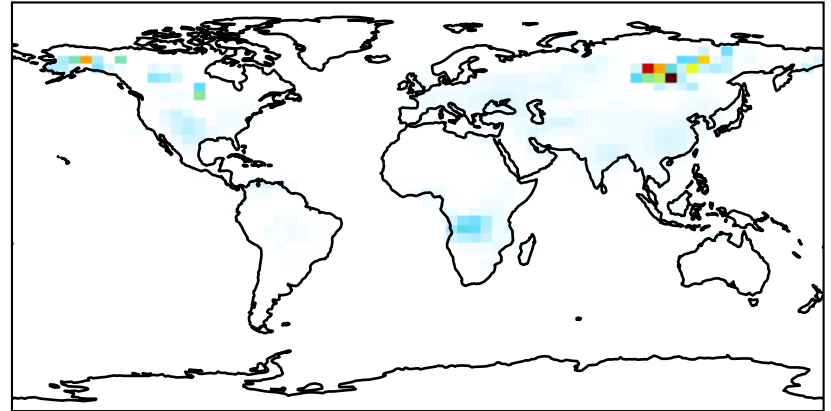


EmisC2H6_Total (Jul2019)

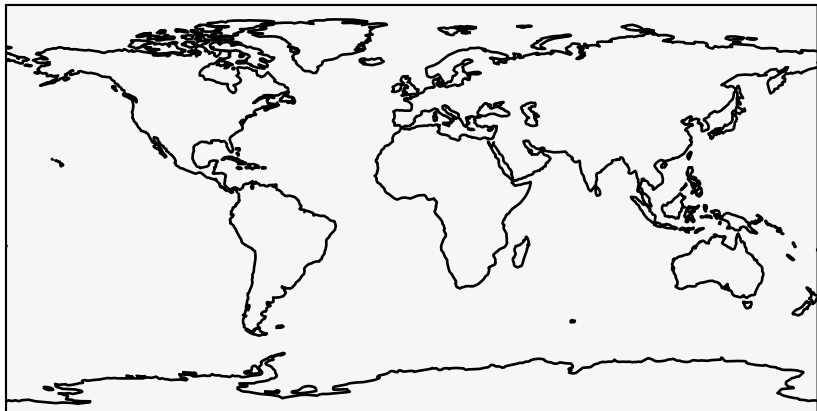
GCC_13.2.0 (Ref)
4.0x5.0



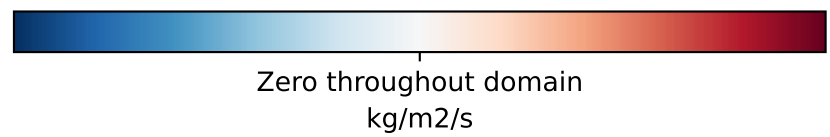
GCC_13.2.0-LuoWetdep (Dev)
4.0x5.0



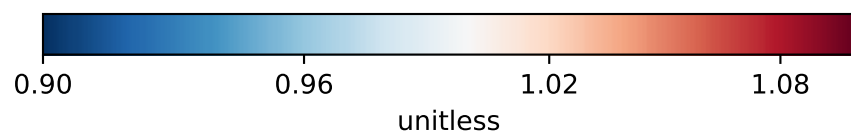
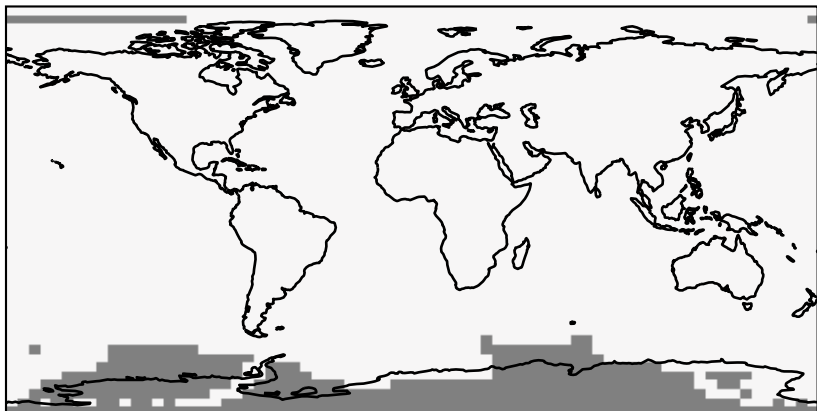
Difference
Dev - Ref, Dynamic Range



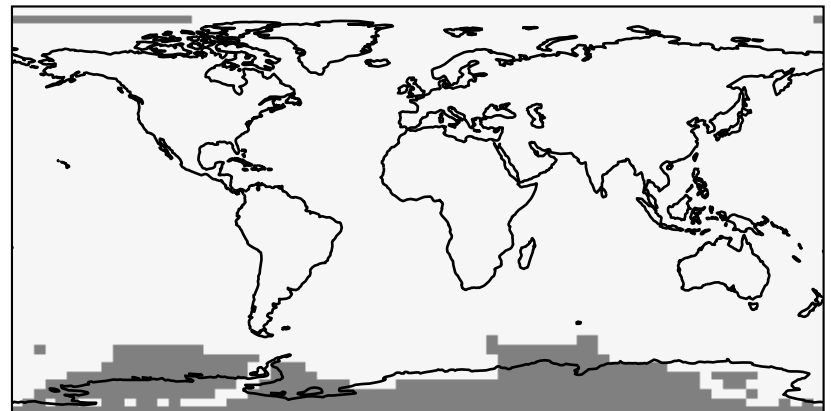
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

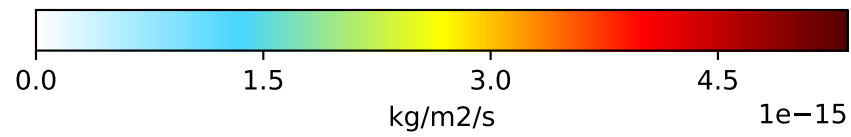
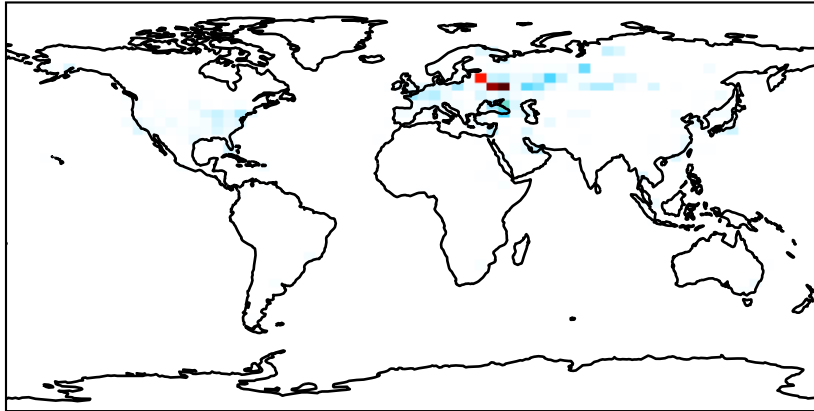


Ratio
Dev/Ref, Fixed Range

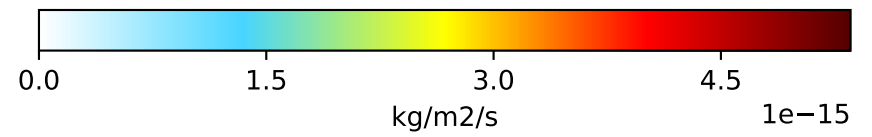
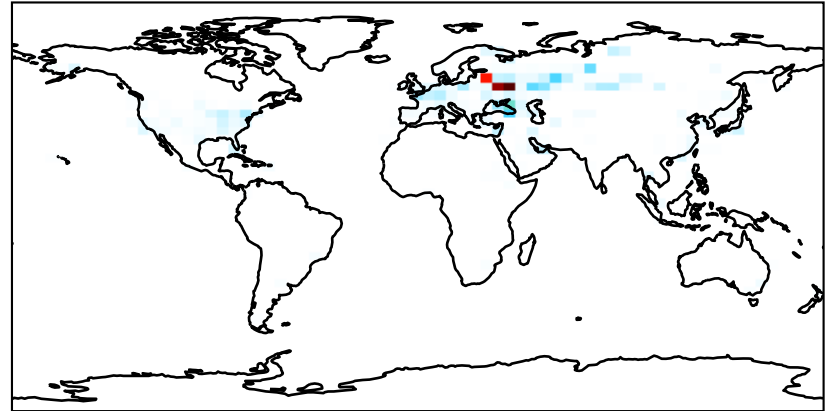


EmisC3H8_Aircraft (Jul2019)

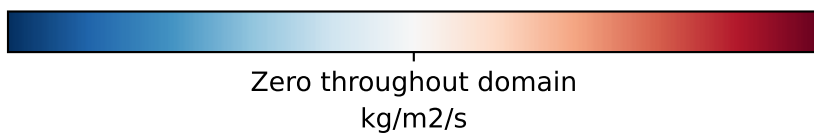
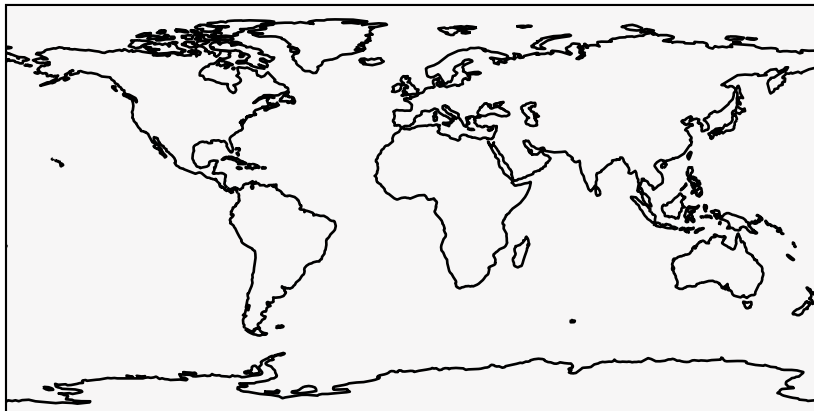
GCC_13.2.0 (Ref)
4.0x5.0



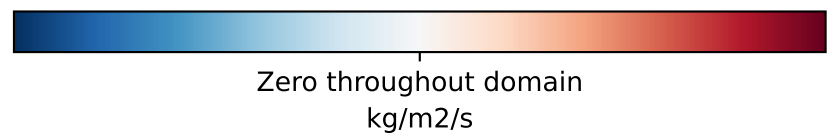
GCC_13.2.0-LuoWetdep (Dev)
4.0x5.0



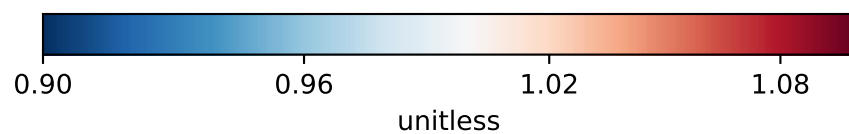
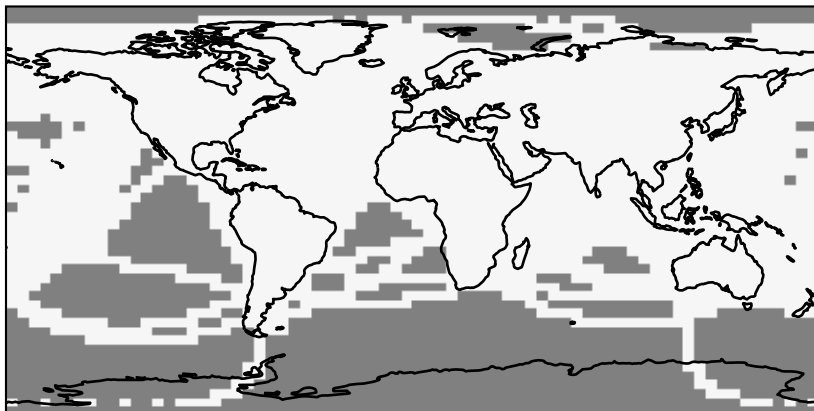
Difference
Dev - Ref, Dynamic Range



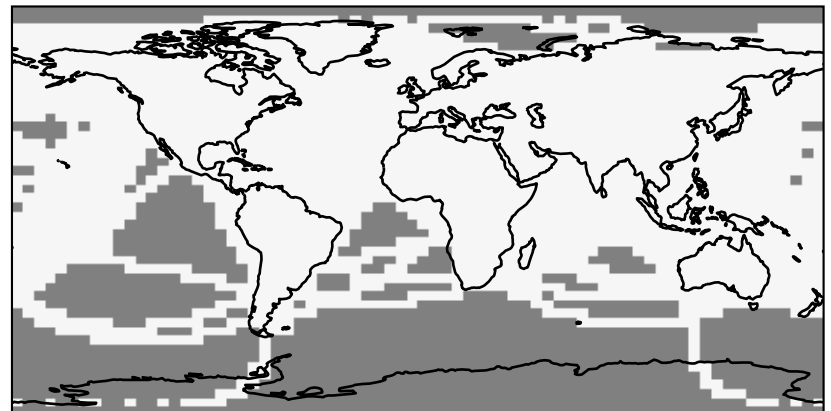
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

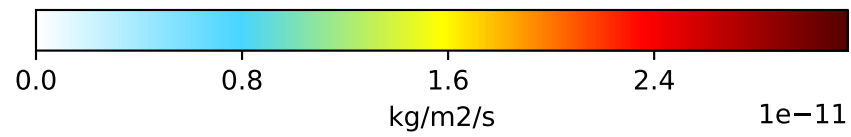
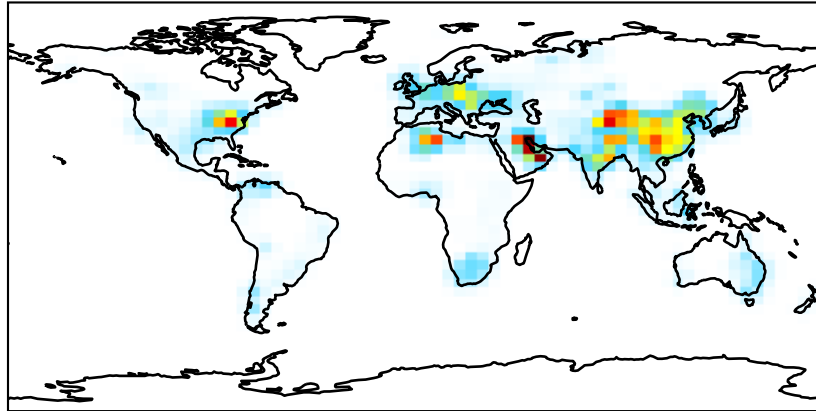


Ratio
Dev/Ref, Fixed Range

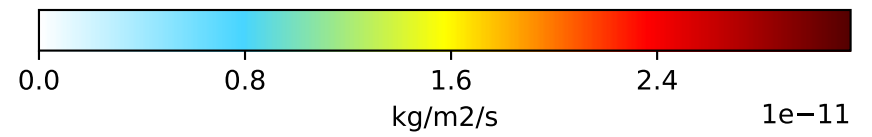
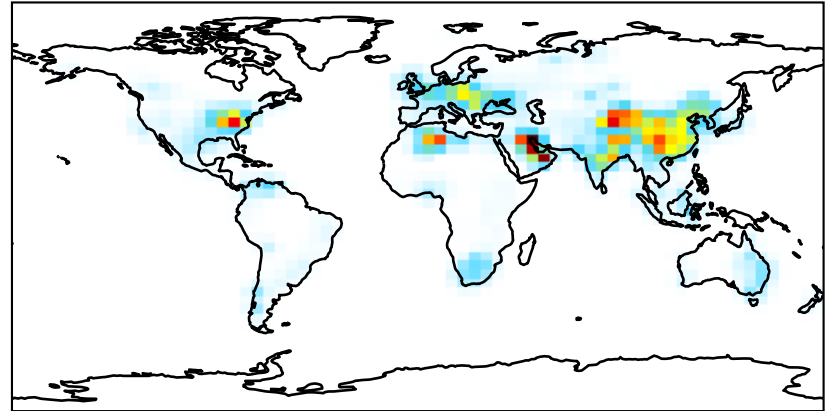


EmisC3H8_Anthro (Jul2019)

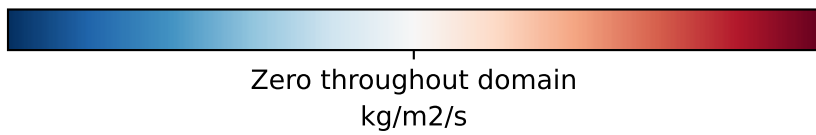
GCC_13.2.0 (Ref)
4.0x5.0



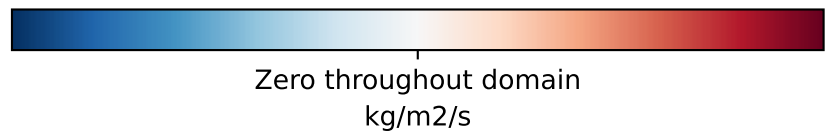
GCC_13.2.0-LuoWetdep (Dev)
4.0x5.0



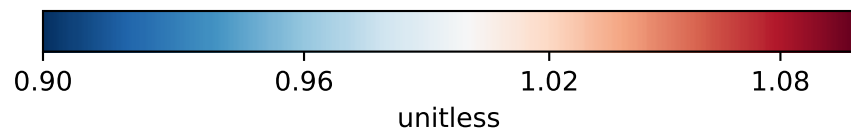
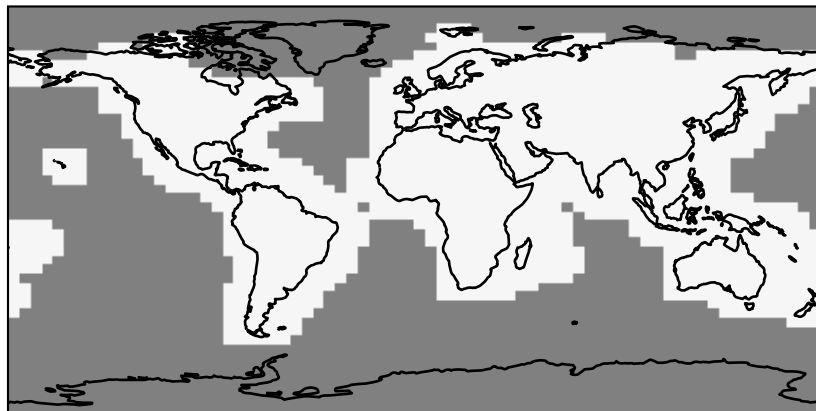
Difference
Dev - Ref, Dynamic Range



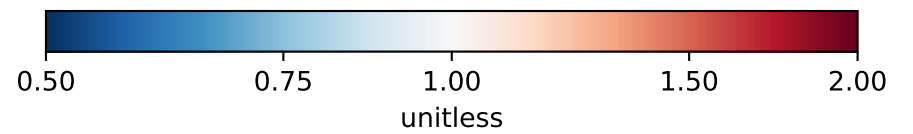
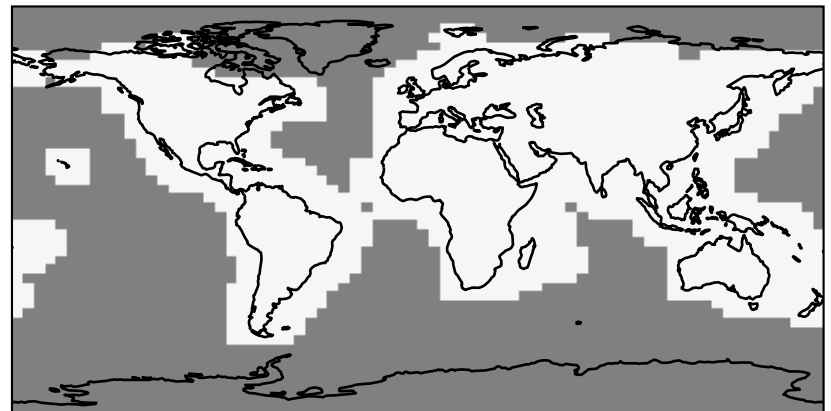
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

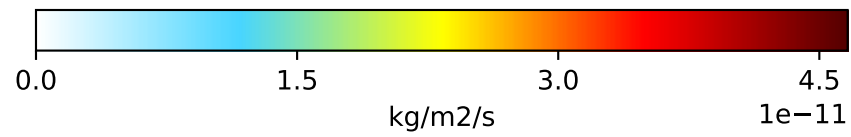
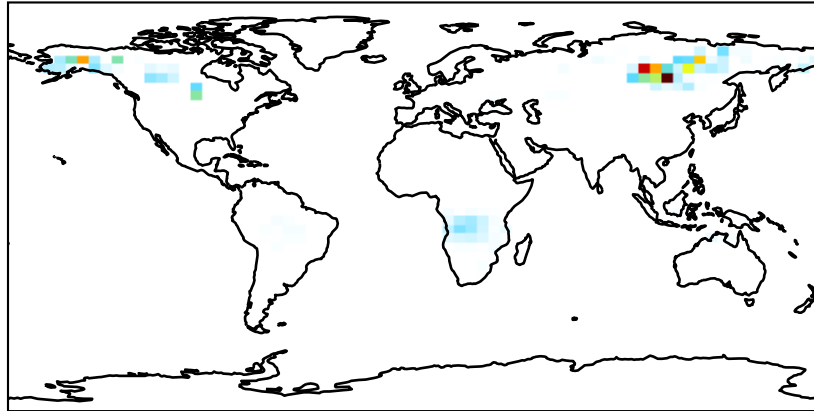


Ratio
Dev/Ref, Fixed Range

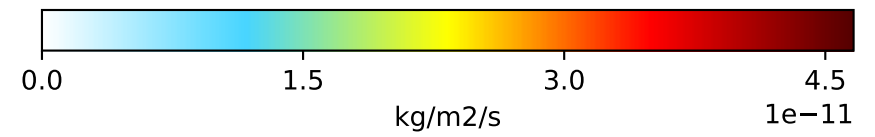
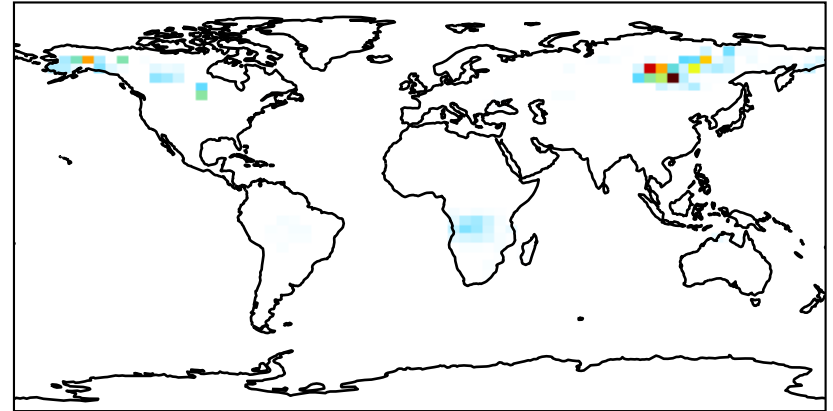


EmisC3H8_BioBurn (Jul2019)

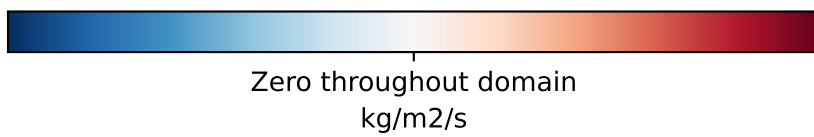
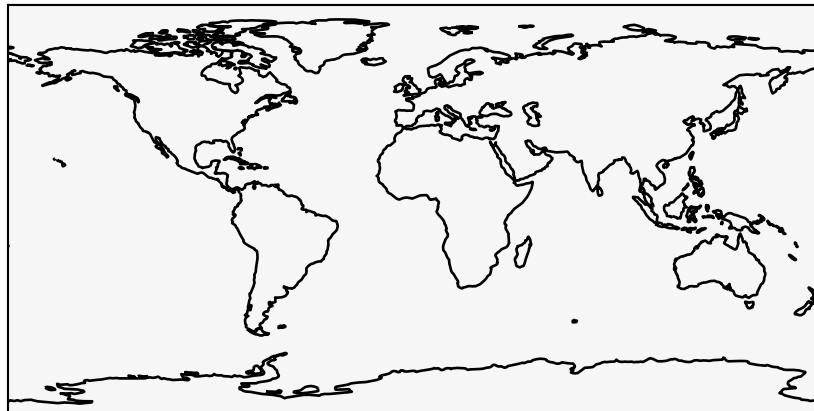
GCC_13.2.0 (Ref)
4.0x5.0



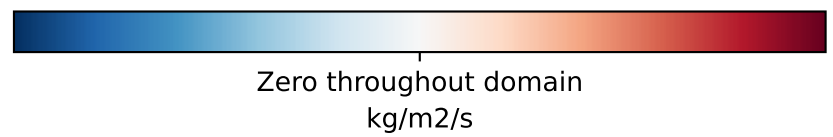
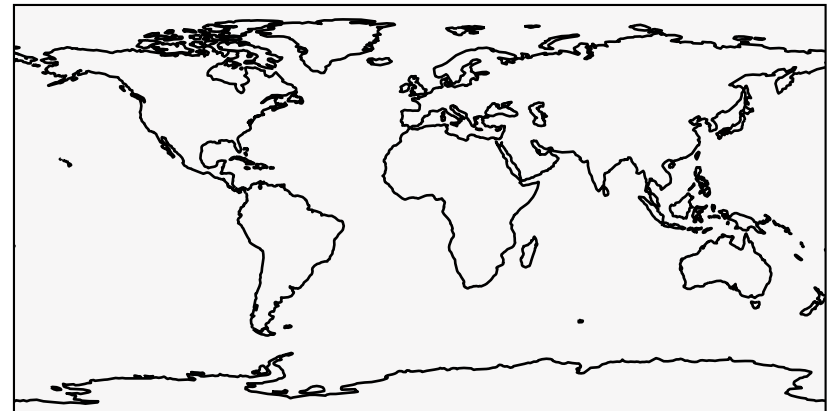
GCC_13.2.0-LuoWetdep (Dev)
4.0x5.0



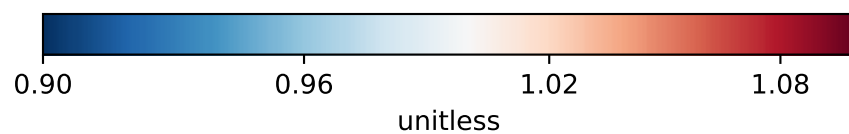
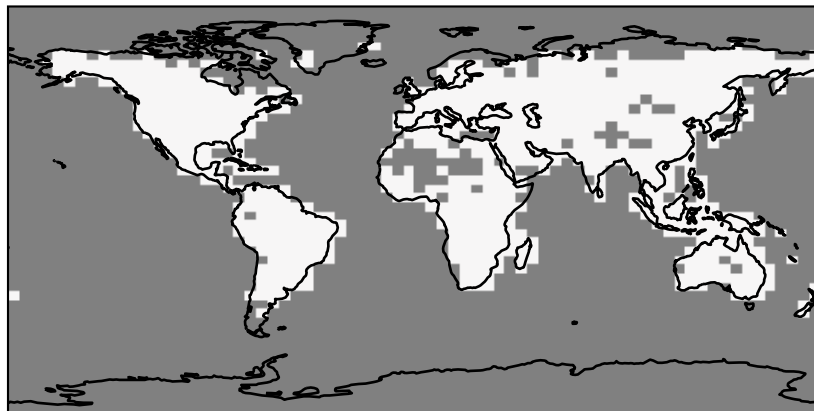
Difference
Dev - Ref, Dynamic Range



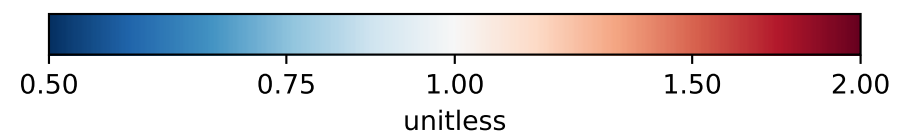
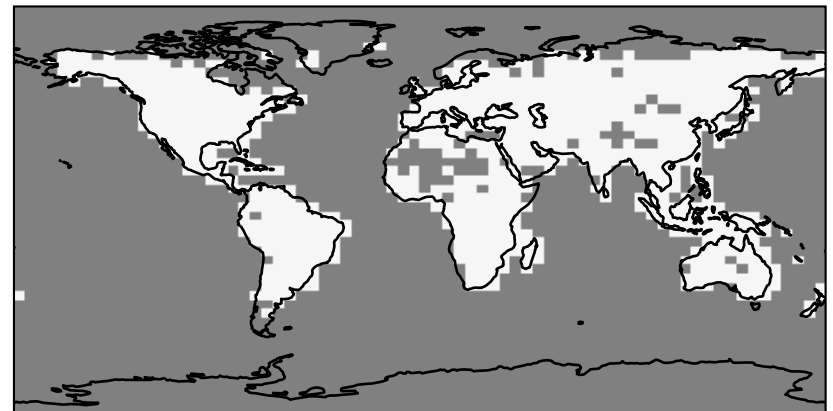
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

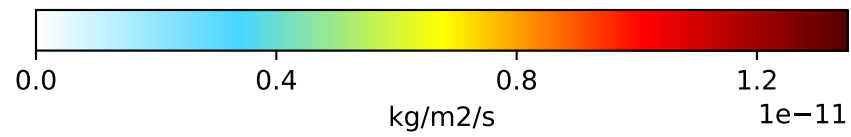


Ratio
Dev/Ref, Fixed Range

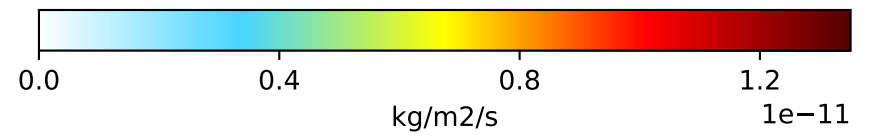


EmisC3H8_Ship (Jul2019)

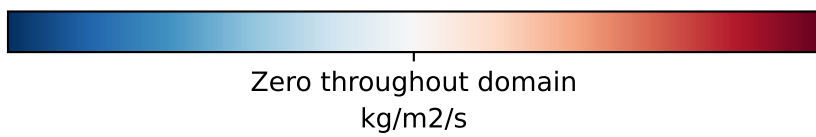
GCC_13.2.0 (Ref)
4.0x5.0



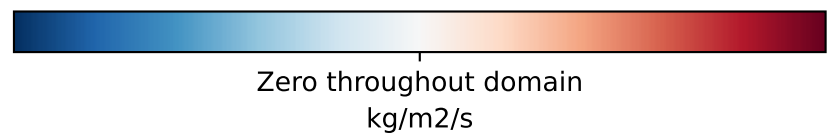
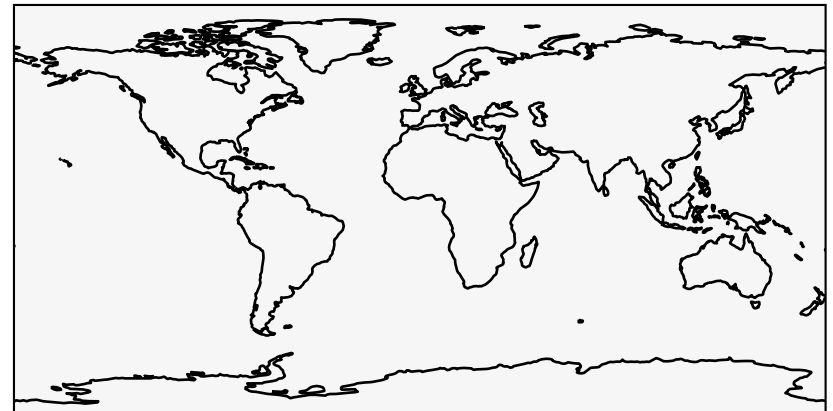
GCC_13.2.0-LuoWetdep (Dev)
4.0x5.0



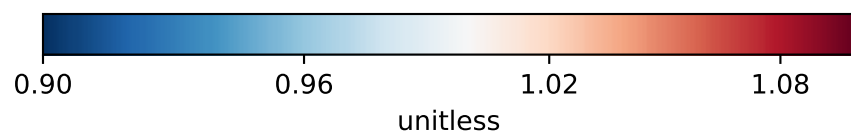
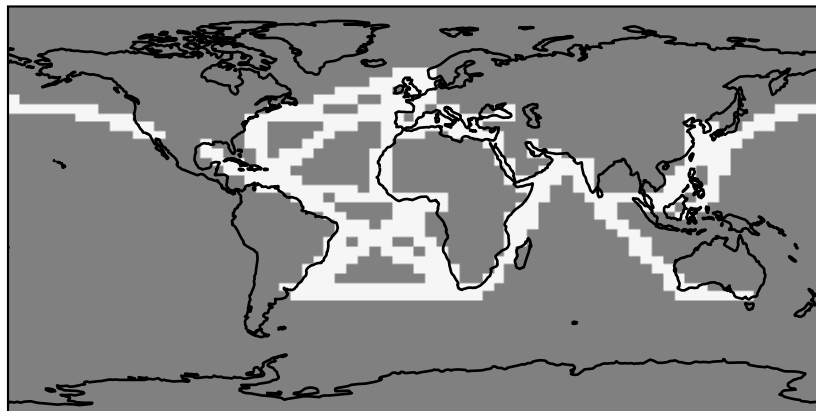
Difference
Dev - Ref, Dynamic Range



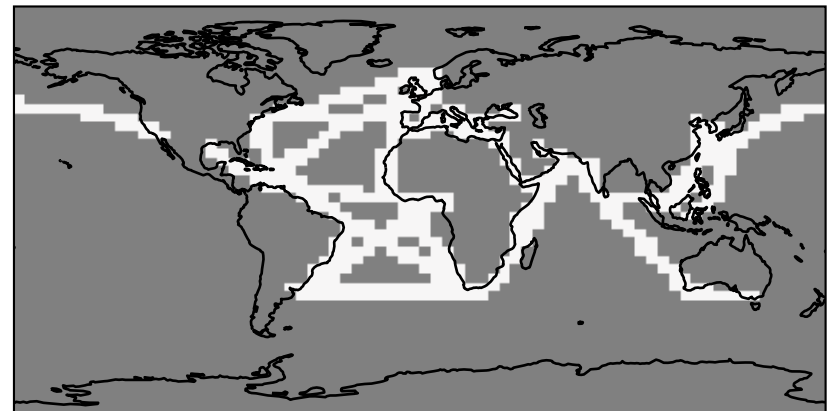
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

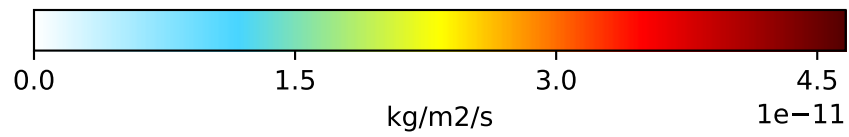
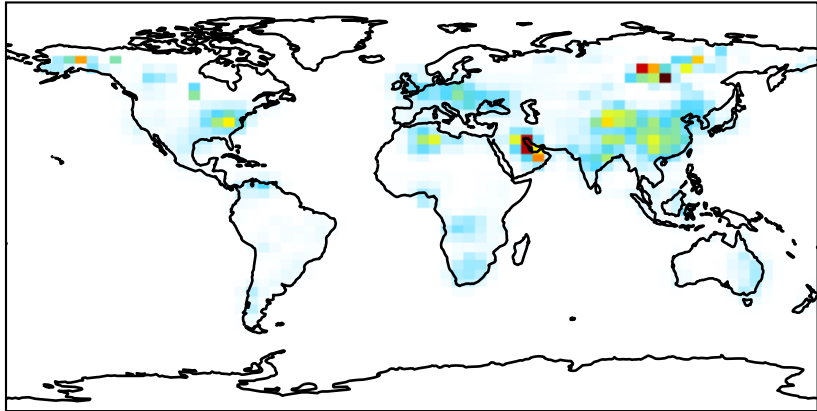


Ratio
Dev/Ref, Fixed Range

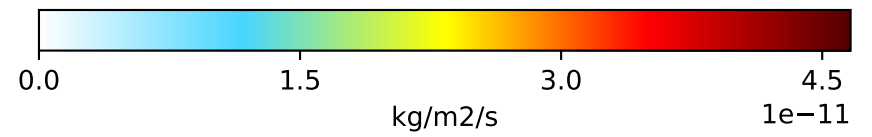
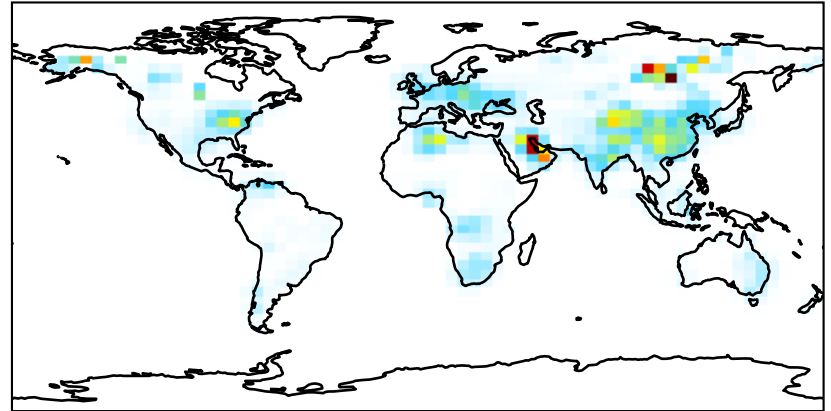


EmisC3H8_Total (Jul2019)

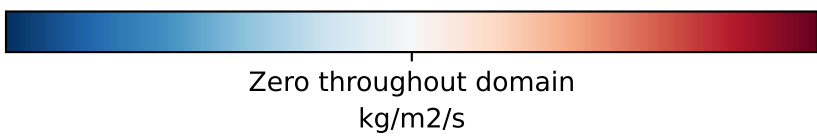
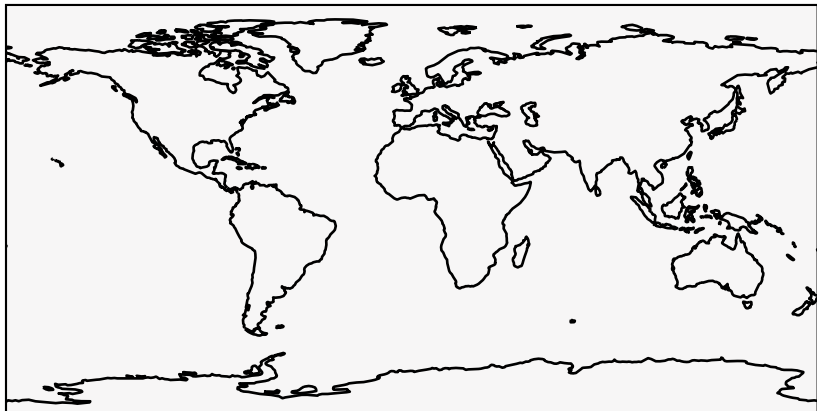
GCC_13.2.0 (Ref)
4.0x5.0



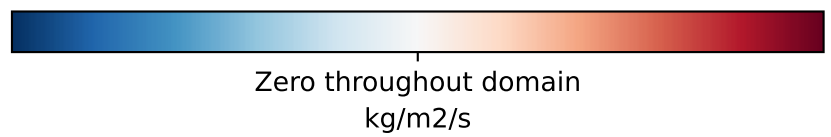
GCC_13.2.0-LuoWetdep (Dev)
4.0x5.0



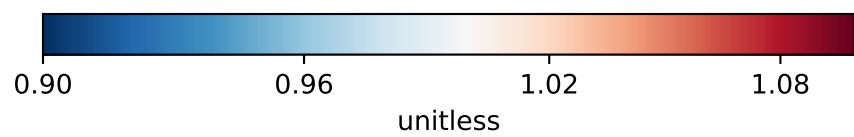
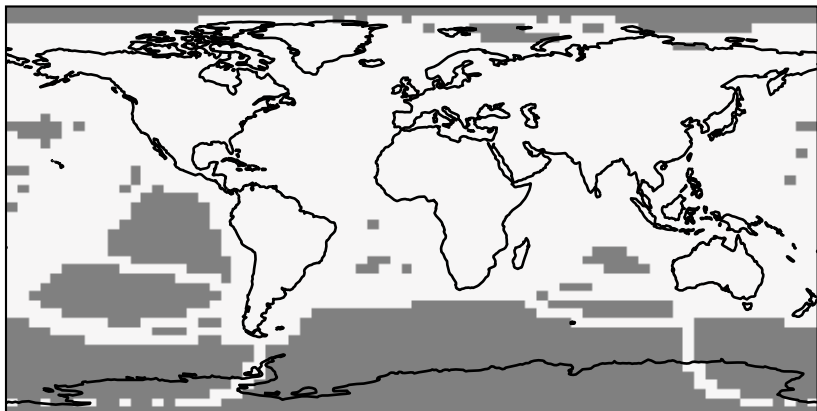
Difference
Dev - Ref, Dynamic Range



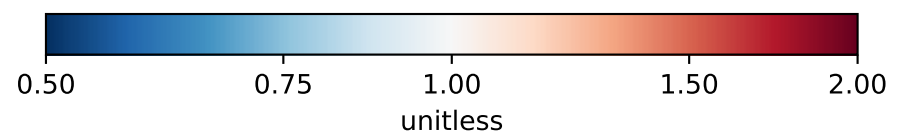
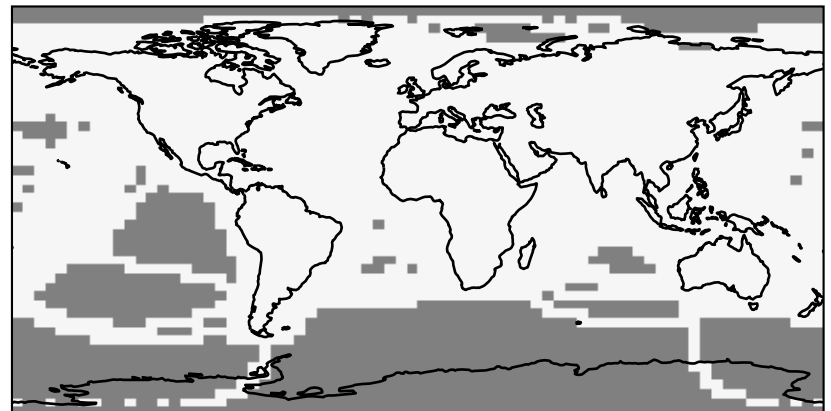
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

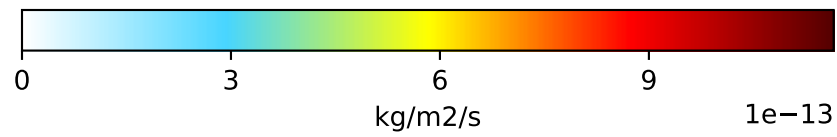
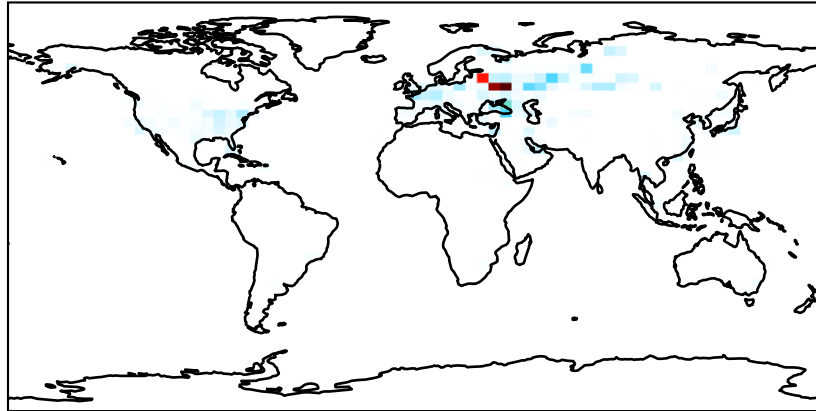


Ratio
Dev/Ref, Fixed Range

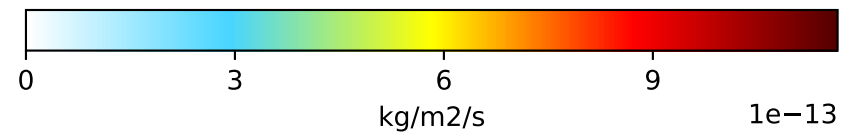
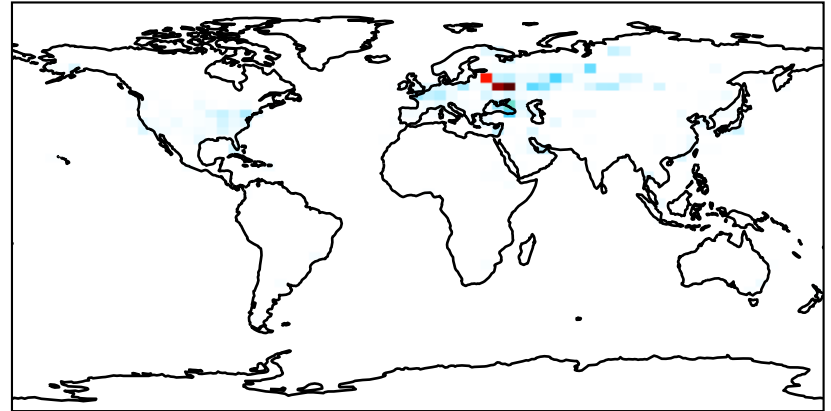


EmisPRPE_Aircraft (Jul2019)

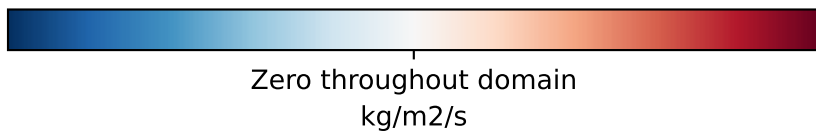
GCC_13.2.0 (Ref)
4.0x5.0



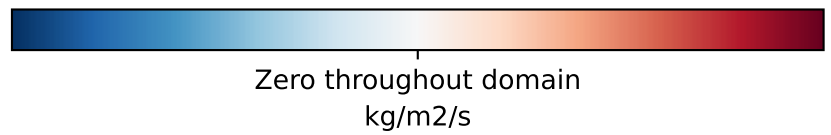
GCC_13.2.0-LuoWetdep (Dev)
4.0x5.0



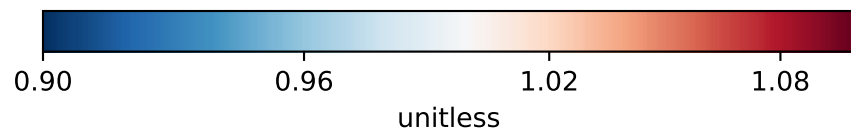
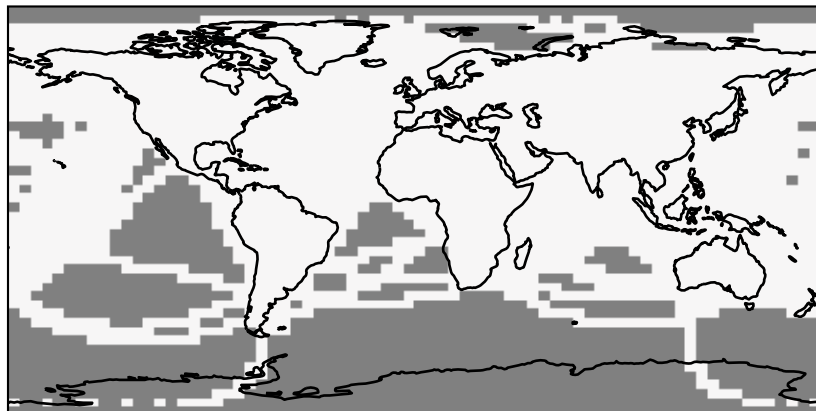
Difference
Dev - Ref, Dynamic Range



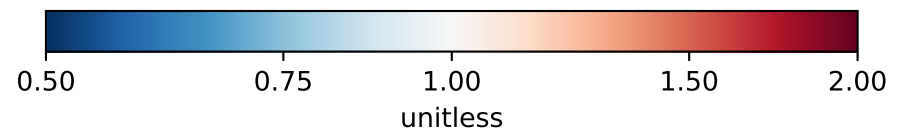
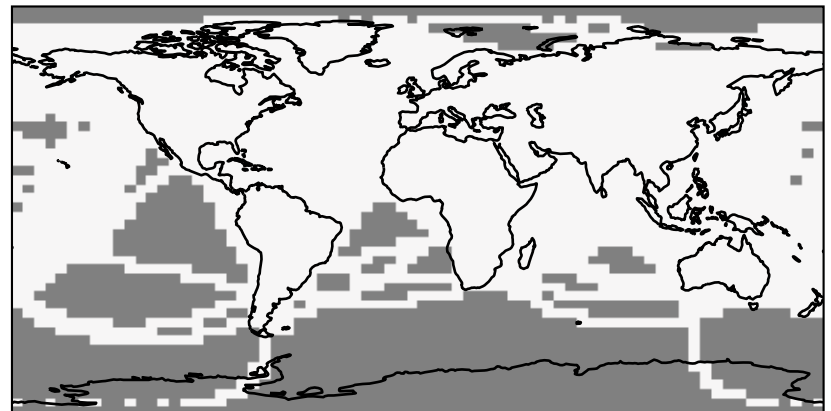
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

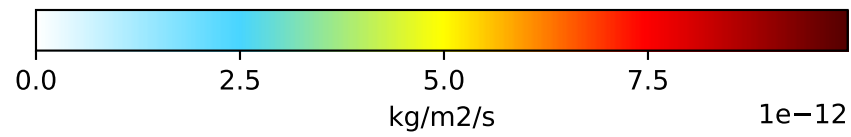
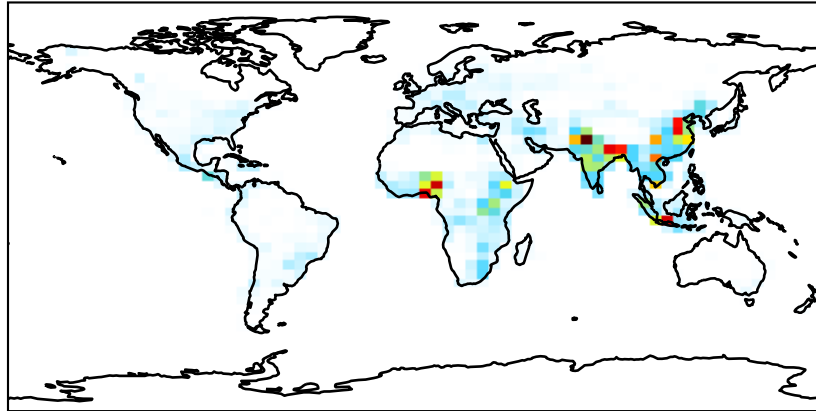


Ratio
Dev/Ref, Fixed Range

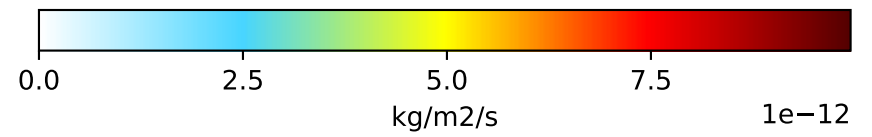
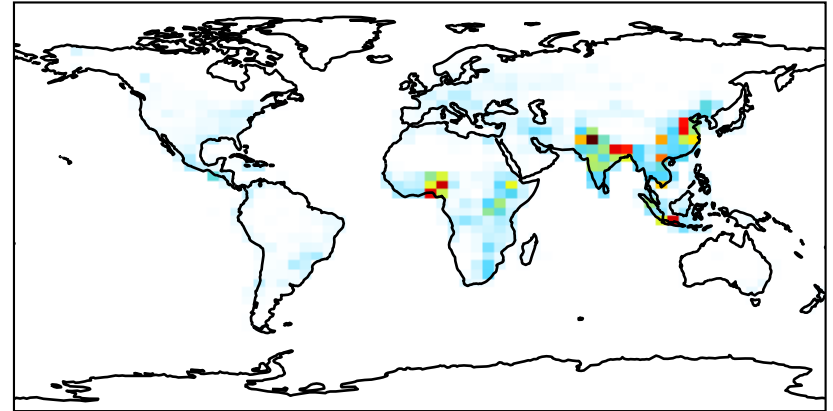


EmisPRPE_Anthro (Jul2019)

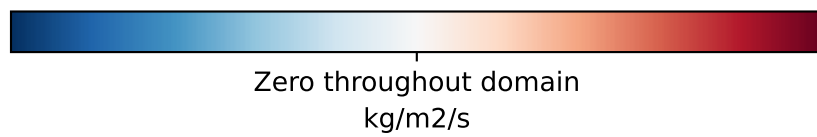
GCC_13.2.0 (Ref)
4.0x5.0



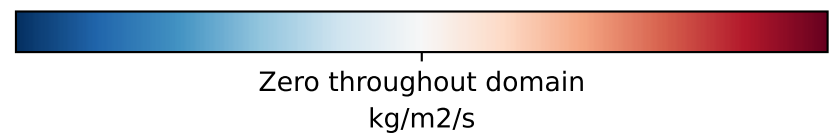
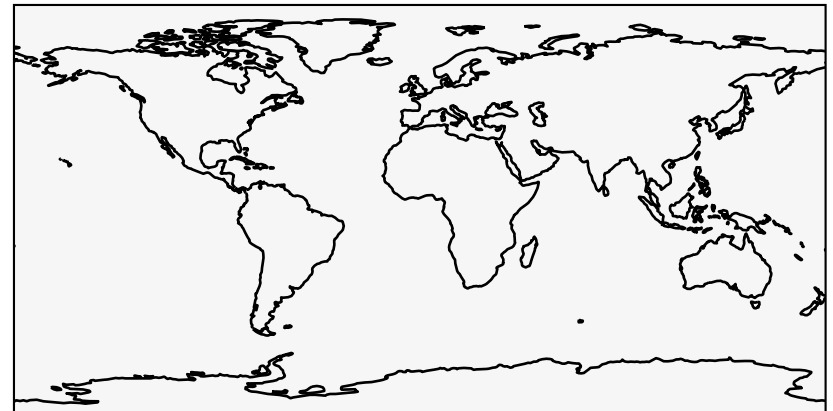
GCC_13.2.0-LuoWetdep (Dev)
4.0x5.0



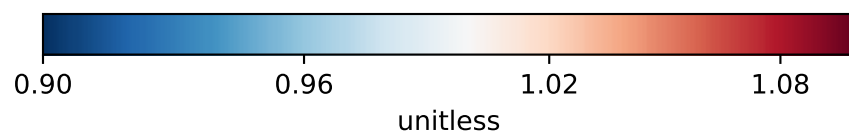
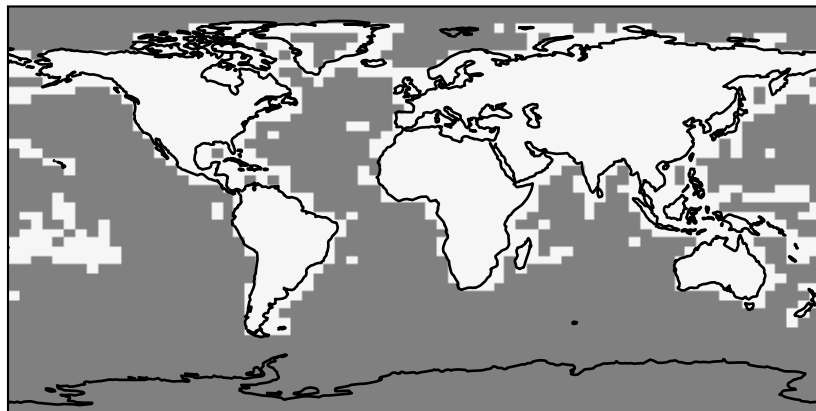
Difference
Dev - Ref, Dynamic Range



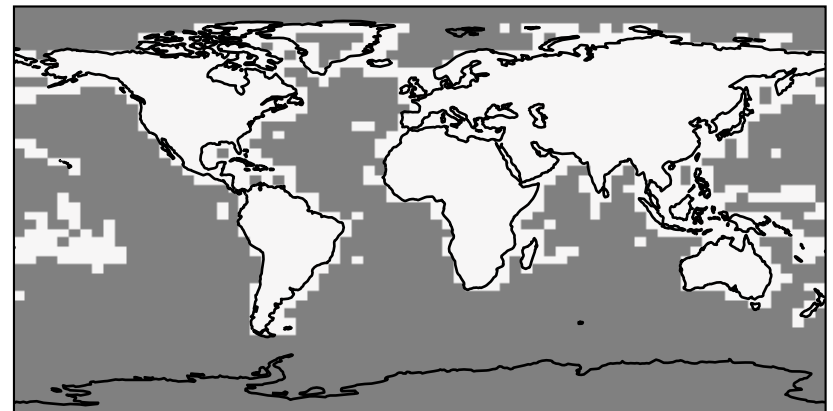
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

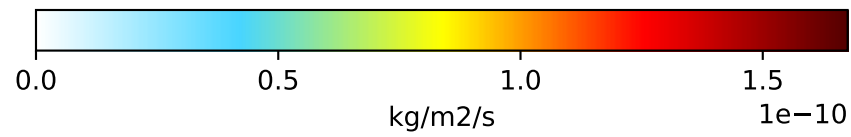
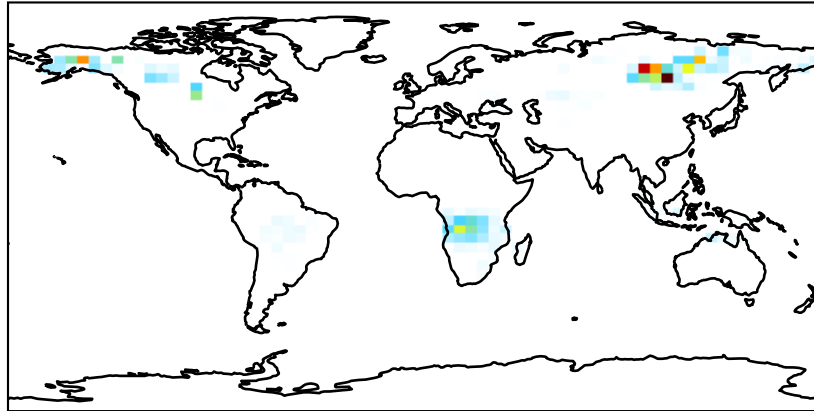


Ratio
Dev/Ref, Fixed Range

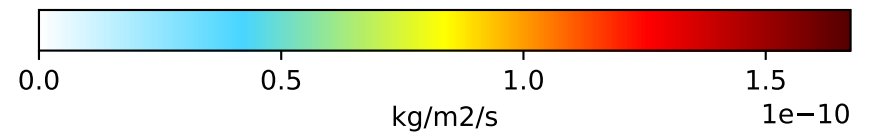
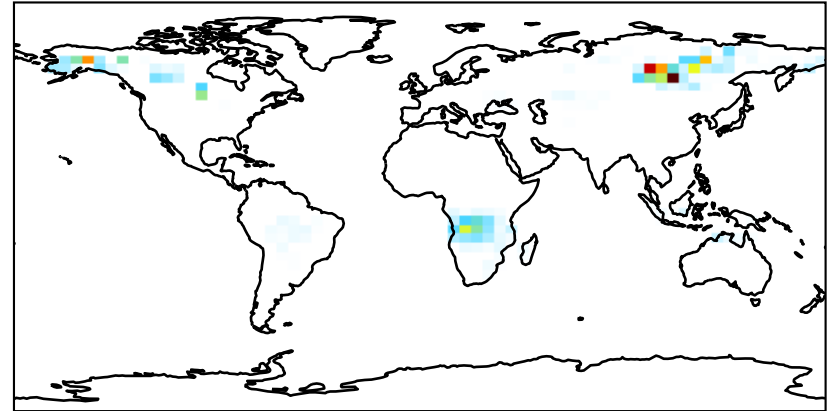


EmisPRPE_BioBurn (Jul2019)

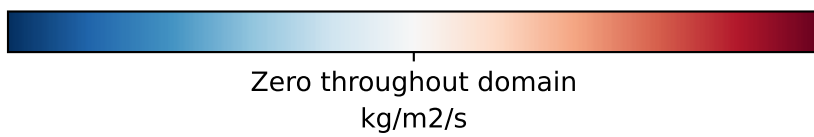
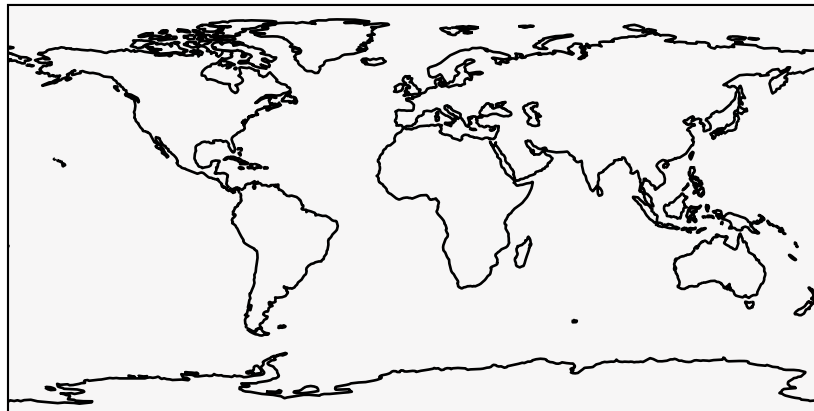
GCC_13.2.0 (Ref)
4.0x5.0



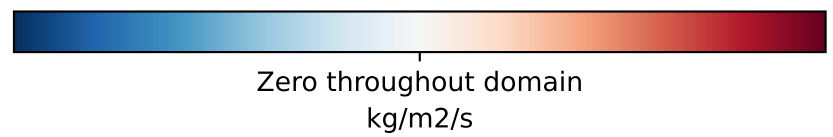
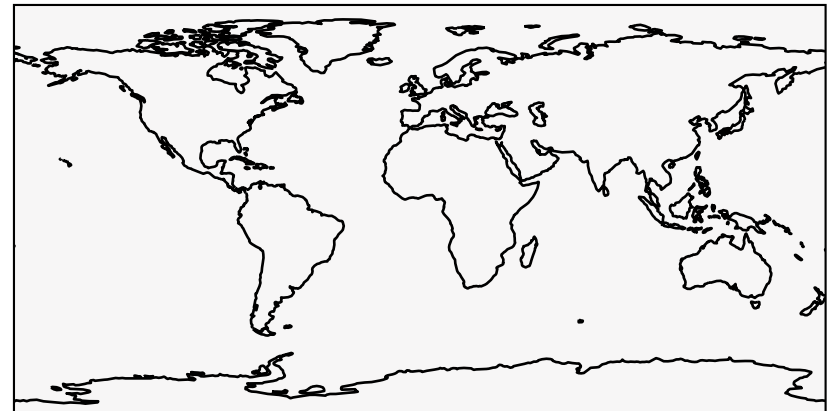
GCC_13.2.0-LuoWetdep (Dev)
4.0x5.0



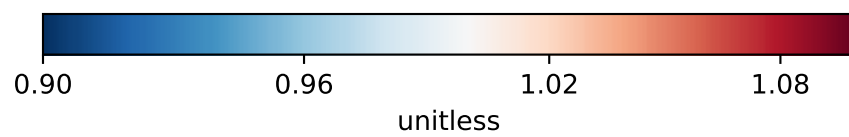
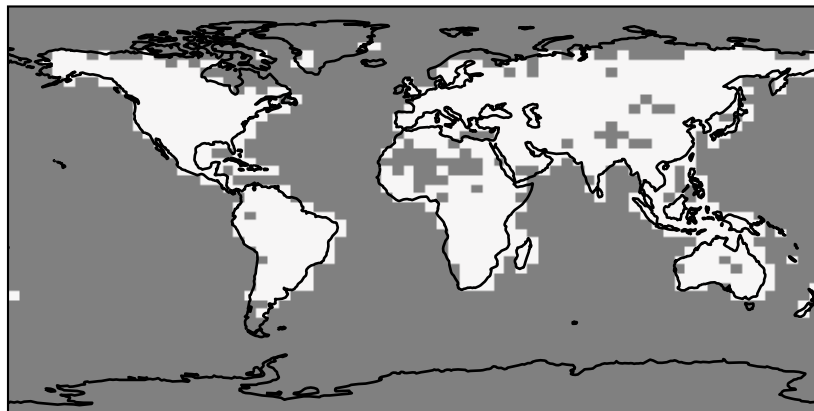
Difference
Dev - Ref, Dynamic Range



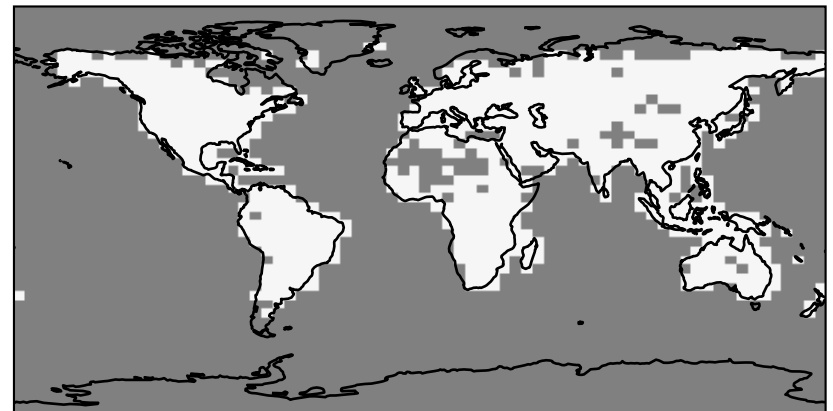
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

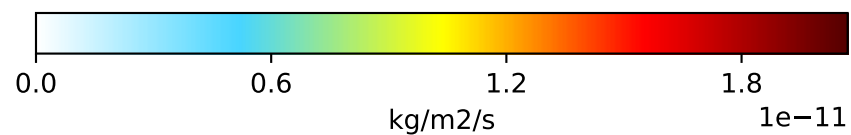
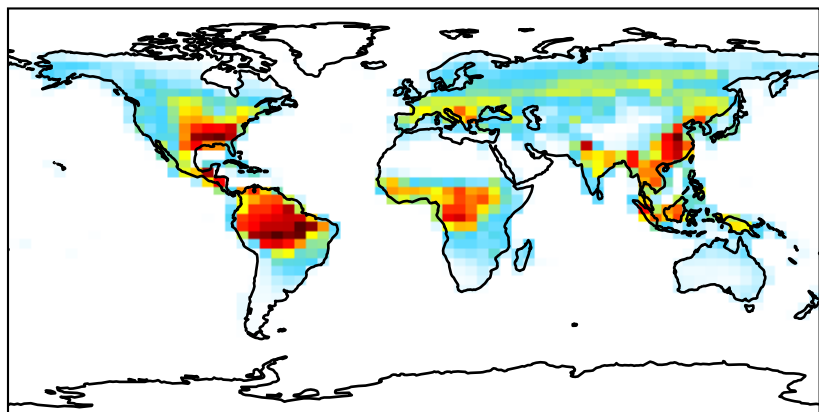


Ratio
Dev/Ref, Fixed Range

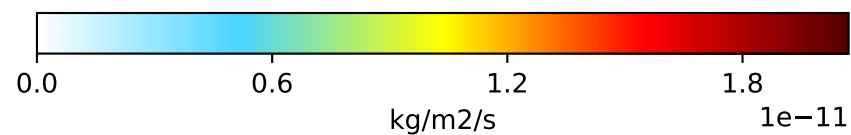
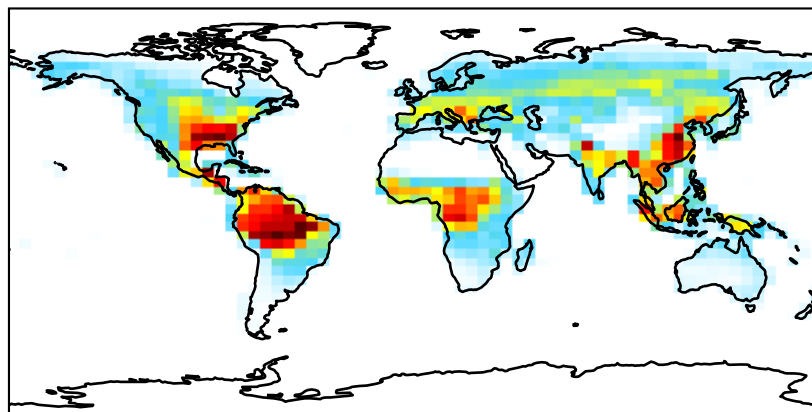


EmisPRPE_Biogenic (Jul2019)

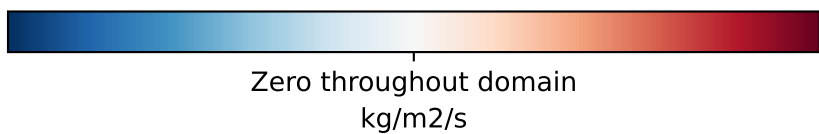
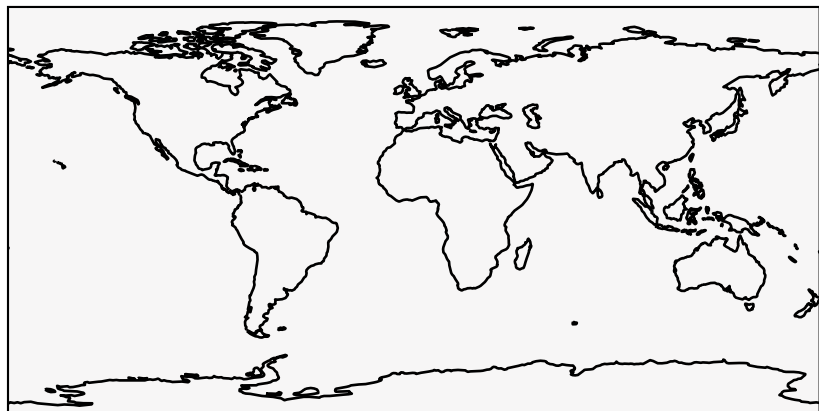
GCC_13.2.0 (Ref)
4.0x5.0



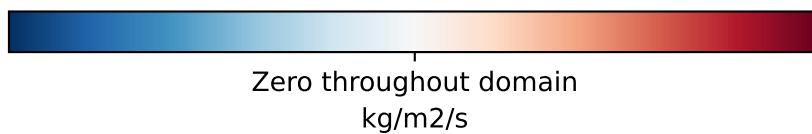
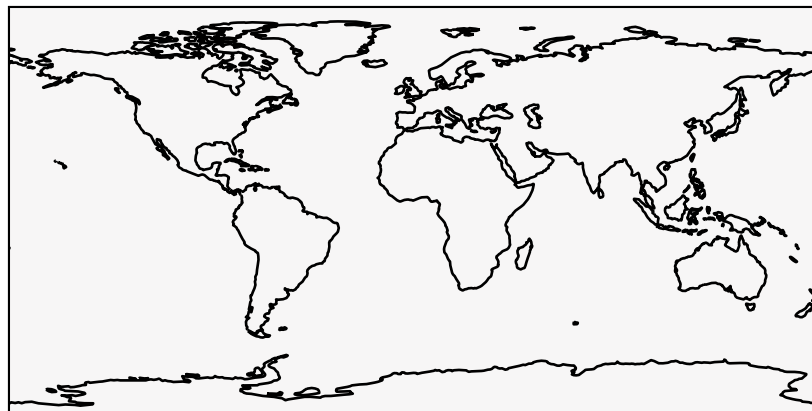
GCC_13.2.0-LuoWetdep (Dev)
4.0x5.0



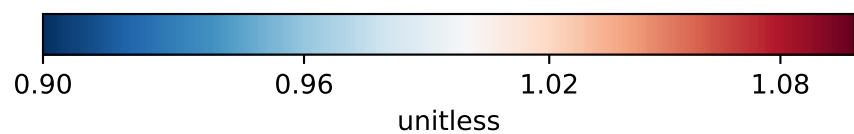
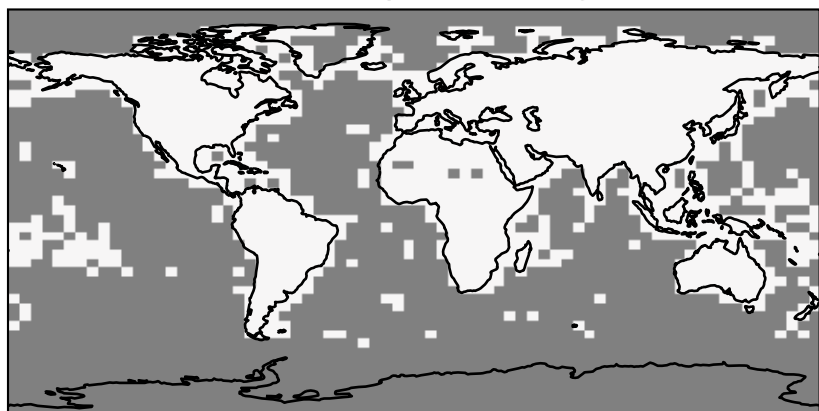
Difference
Dev - Ref, Dynamic Range



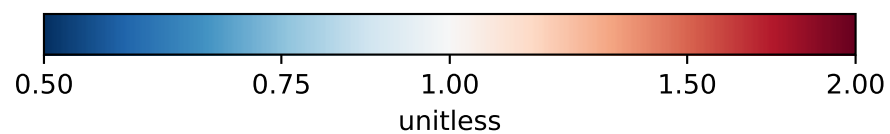
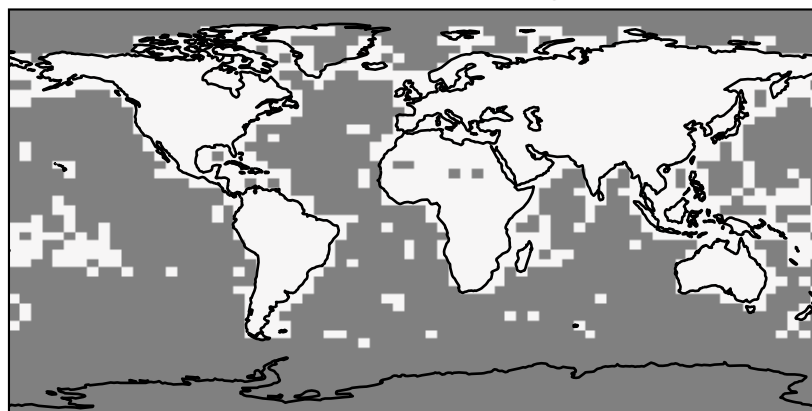
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

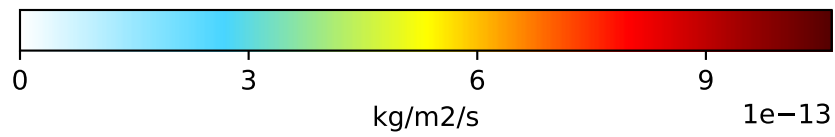
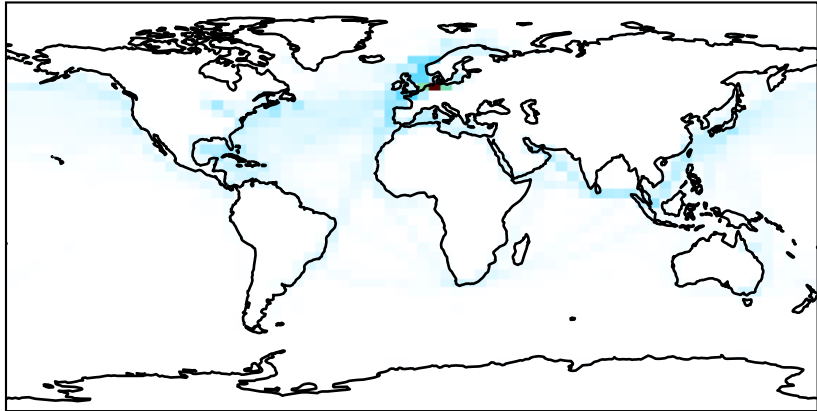


Ratio
Dev/Ref, Fixed Range

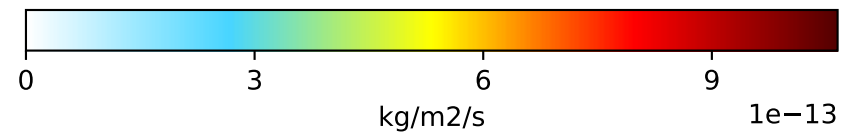
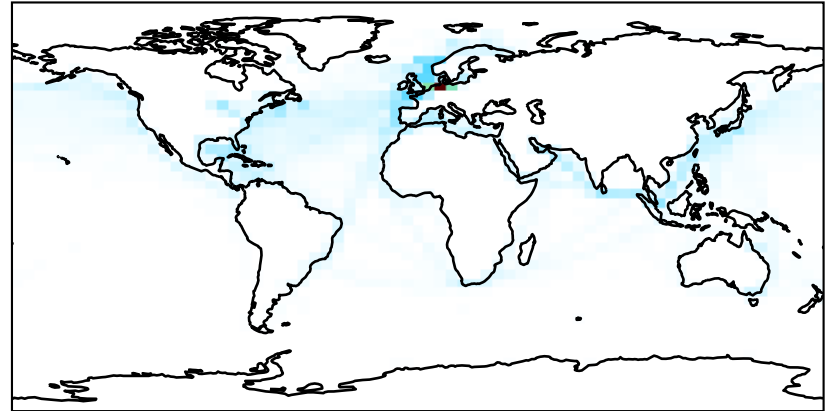


EmisPRPE_Ship (Jul2019)

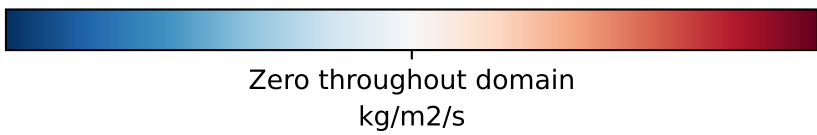
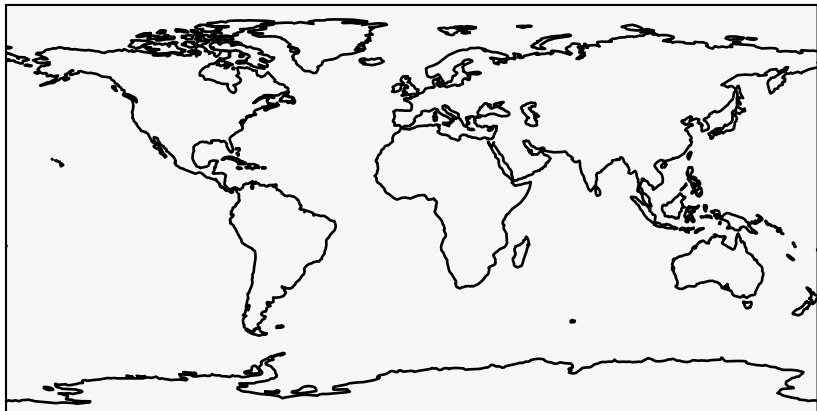
GCC_13.2.0 (Ref)
4.0x5.0



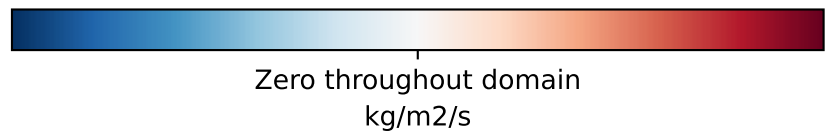
GCC_13.2.0-LuoWetdep (Dev)
4.0x5.0



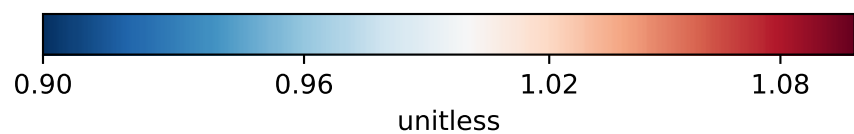
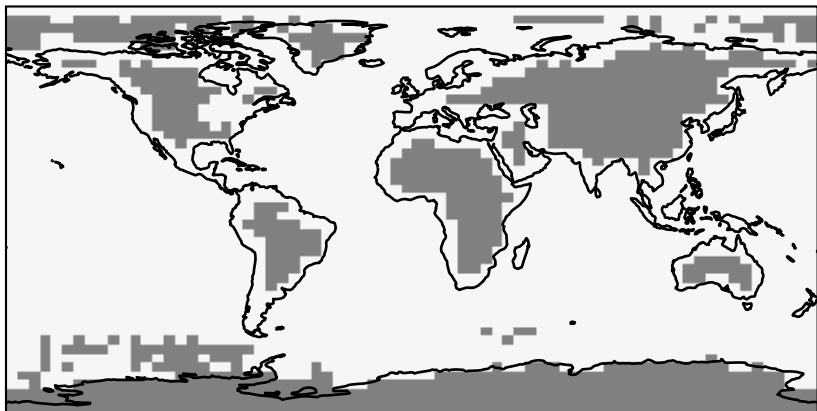
Difference
Dev - Ref, Dynamic Range



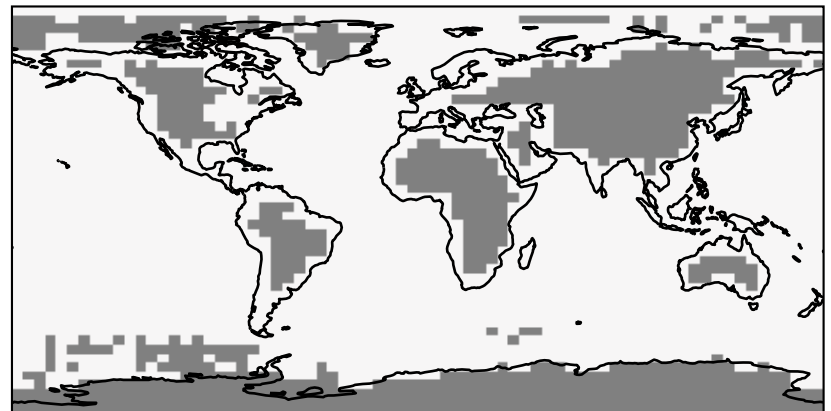
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

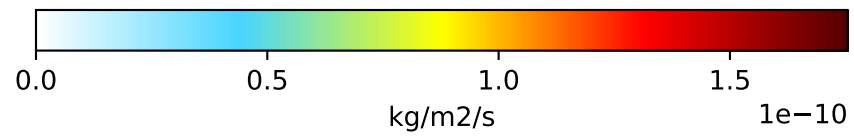
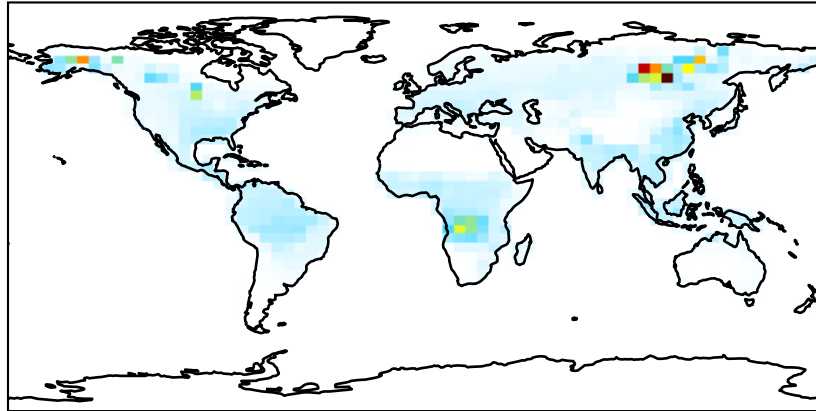


Ratio
Dev/Ref, Fixed Range

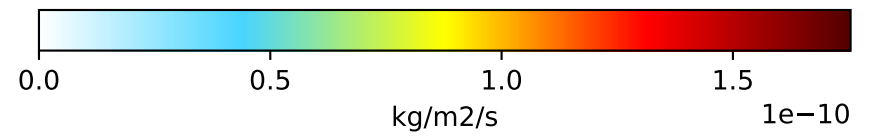
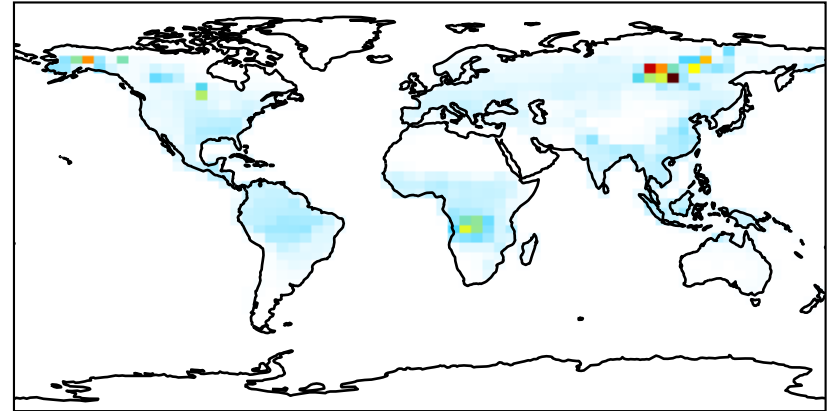


EmisPRPE_Total (Jul2019)

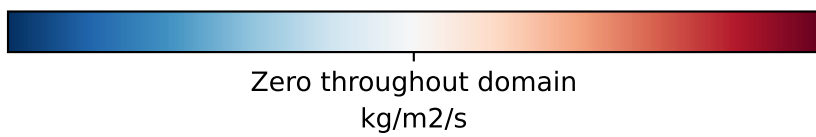
GCC_13.2.0 (Ref)
4.0x5.0



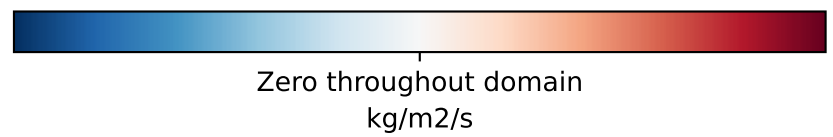
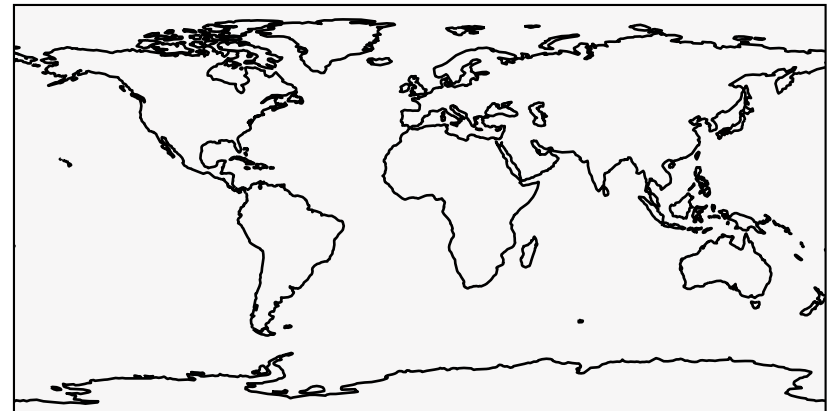
GCC_13.2.0-LuoWetdep (Dev)
4.0x5.0



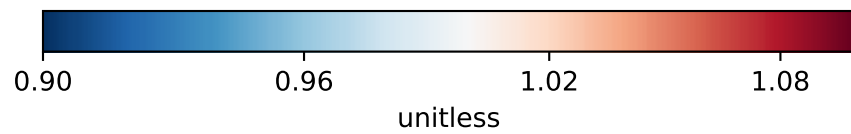
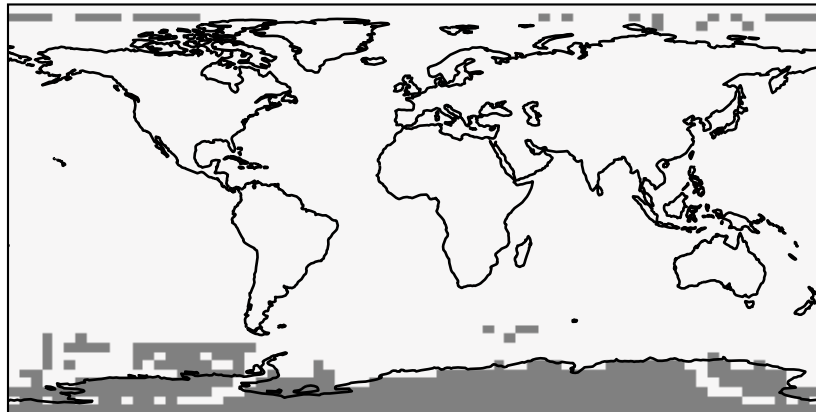
Difference
Dev - Ref, Dynamic Range



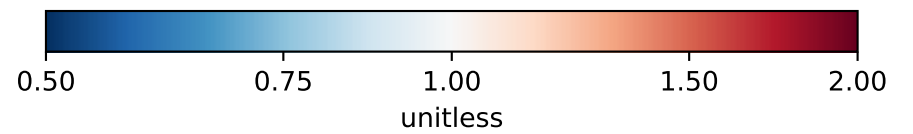
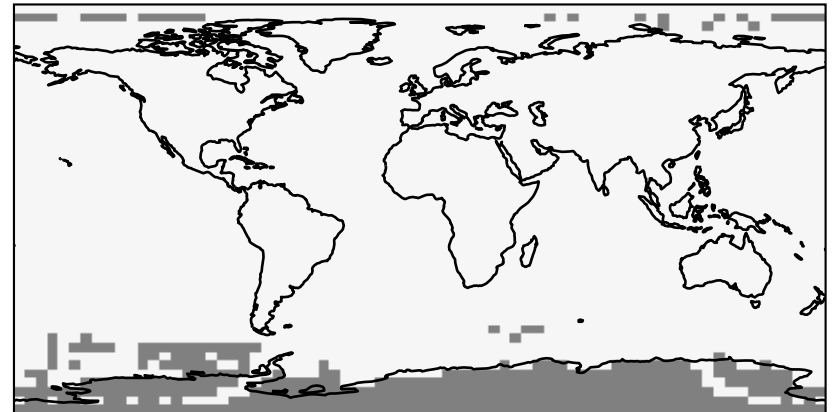
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

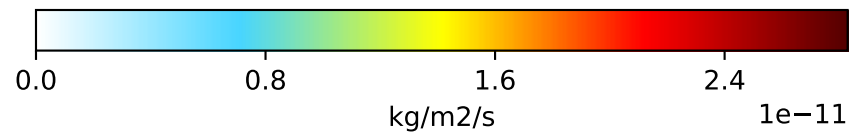
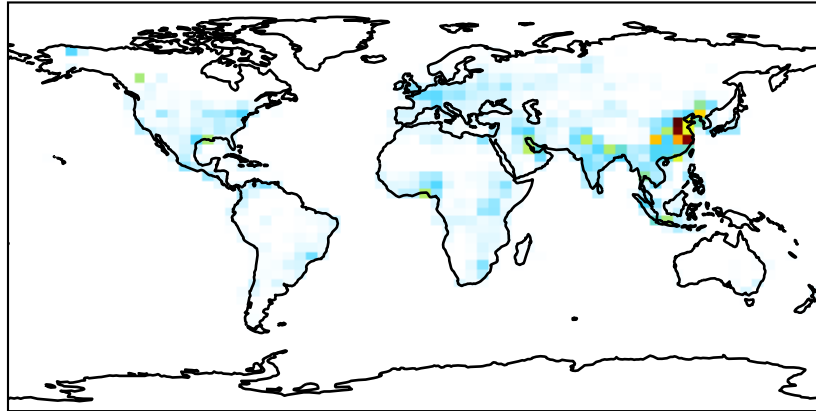


Ratio
Dev/Ref, Fixed Range

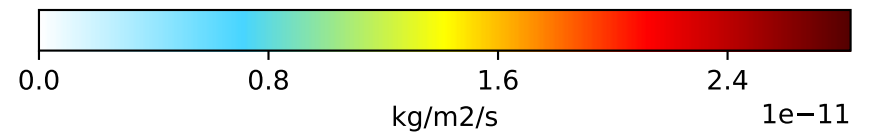
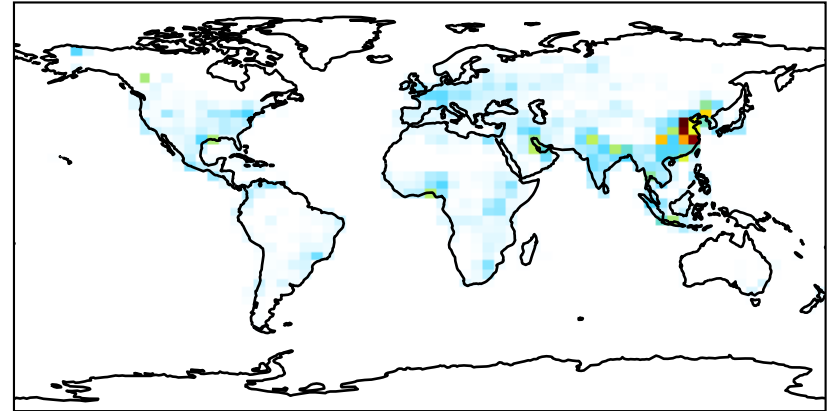


EmisTOLU_Anthro (Jul2019)

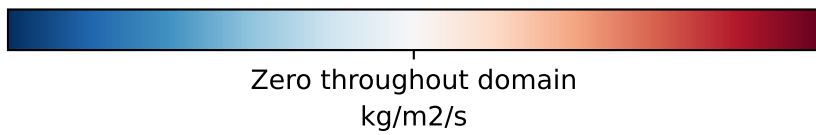
GCC_13.2.0 (Ref)
4.0x5.0



GCC_13.2.0-LuoWetdep (Dev)
4.0x5.0

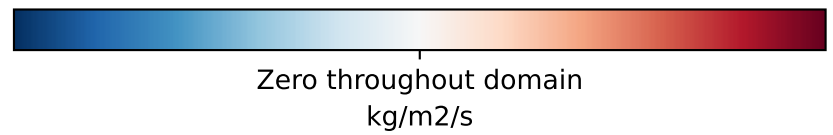
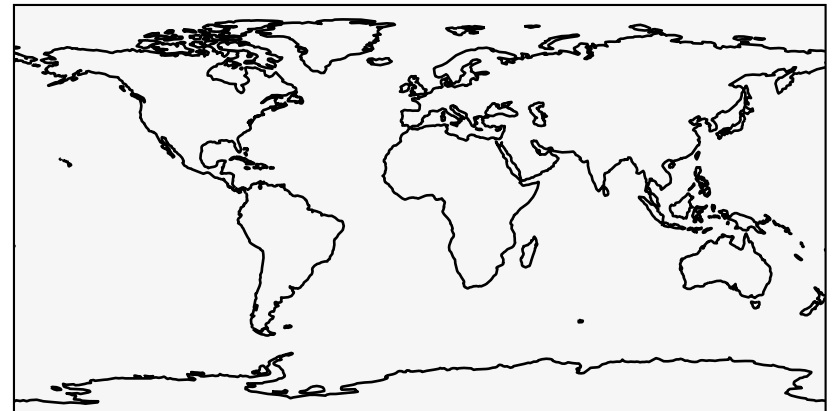


Difference
Dev - Ref, Dynamic Range



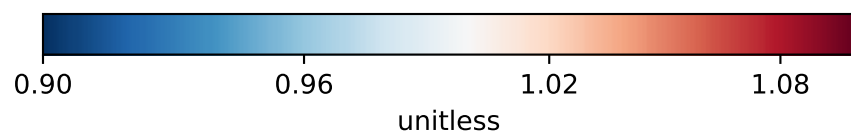
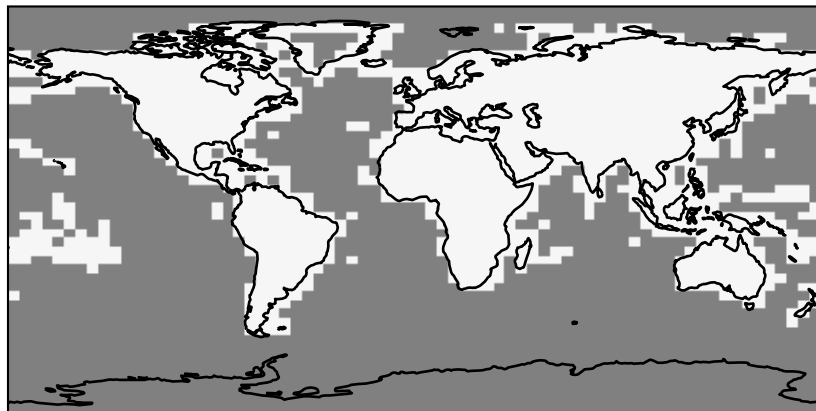
Zero throughout domain
kg/m2/s

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



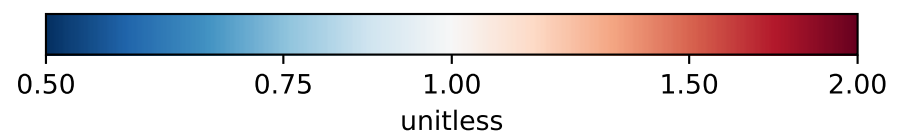
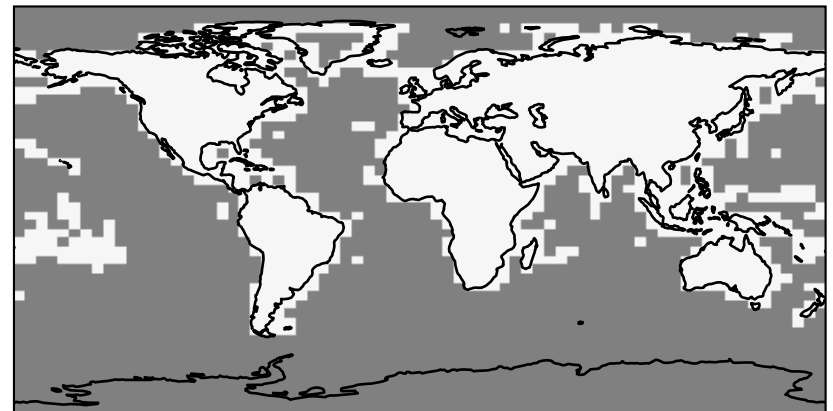
Zero throughout domain
kg/m2/s

Ratio
Dev/Ref, Dynamic Range



unitless

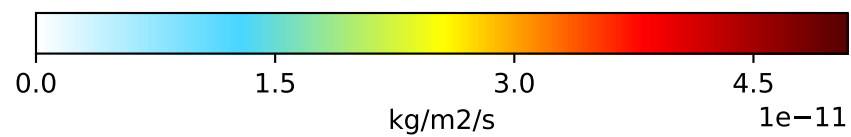
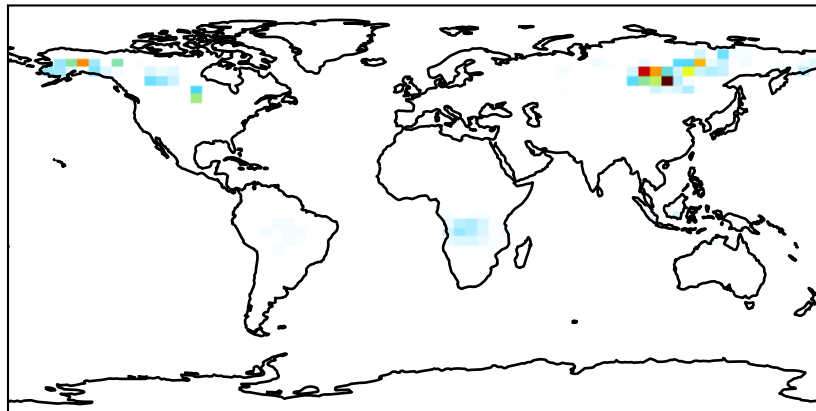
Ratio
Dev/Ref, Fixed Range



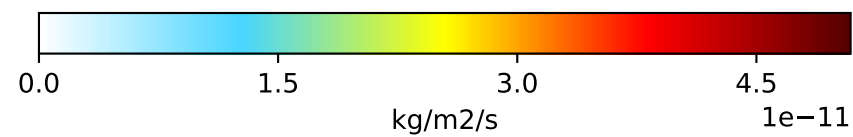
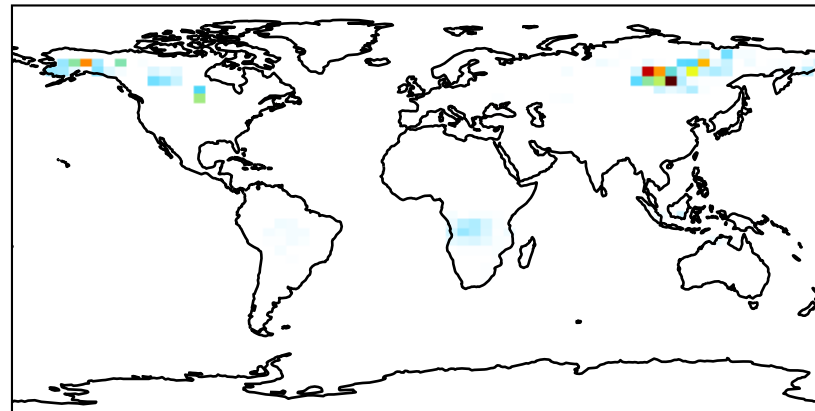
unitless

EmisTOLU_BioBurn (Jul2019)

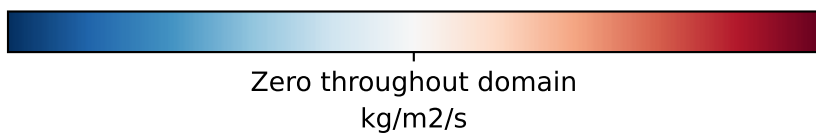
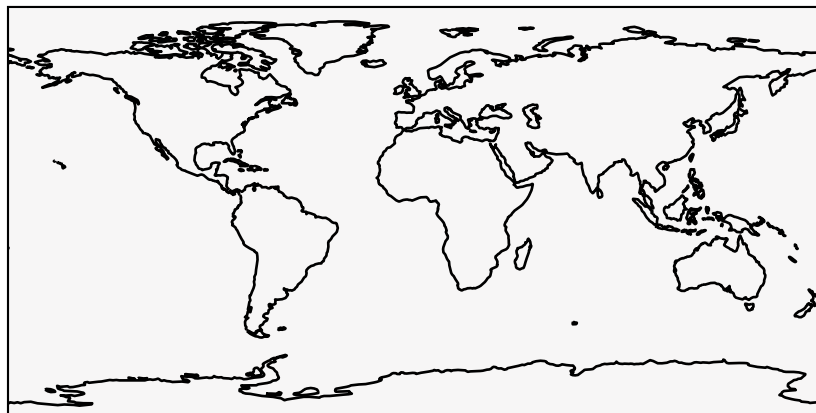
GCC_13.2.0 (Ref)
4.0x5.0



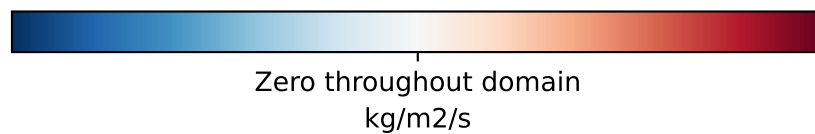
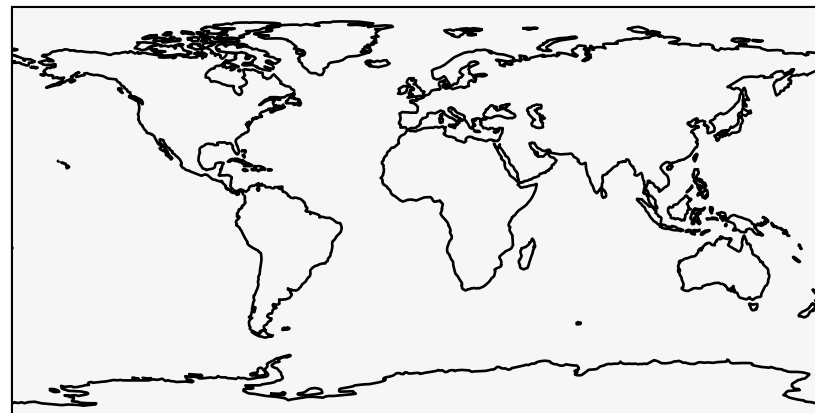
GCC_13.2.0-LuoWetdep (Dev)
4.0x5.0



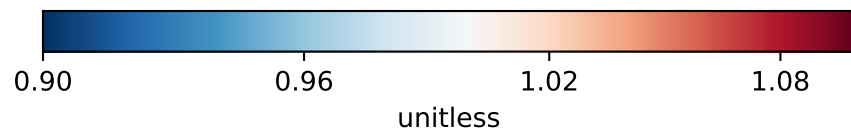
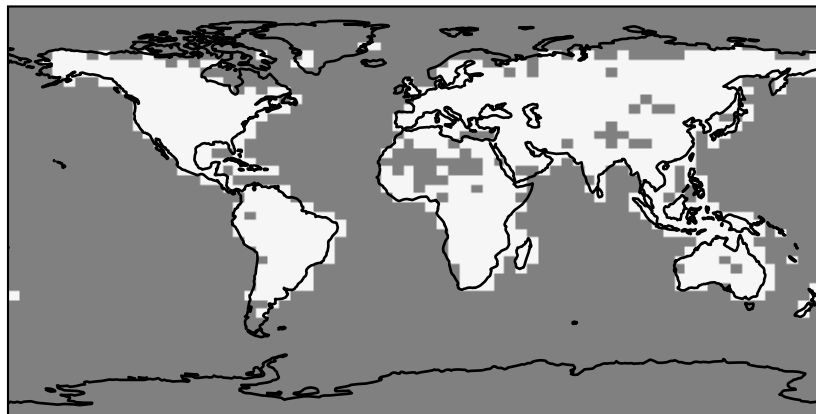
Difference
Dev - Ref, Dynamic Range



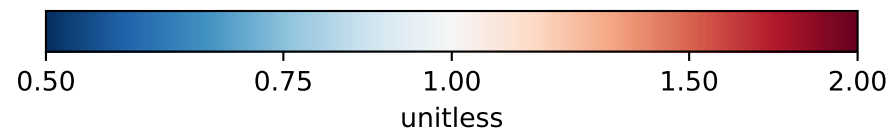
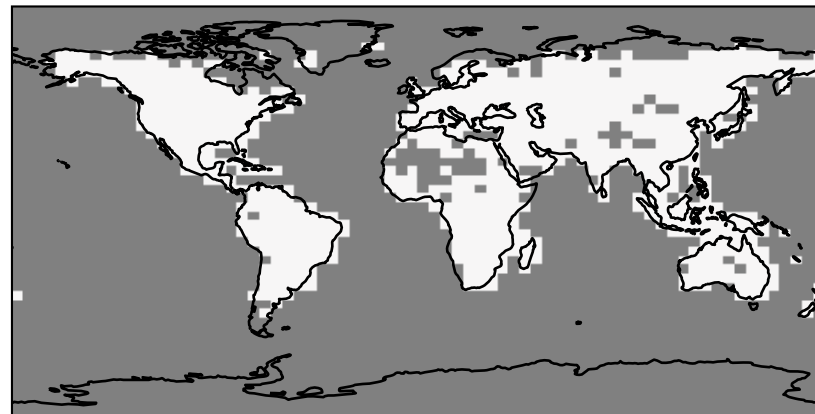
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

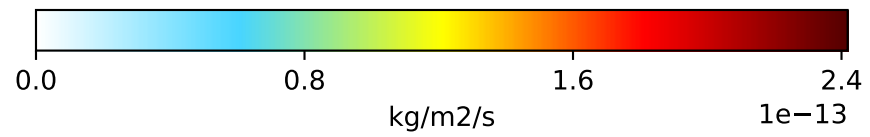
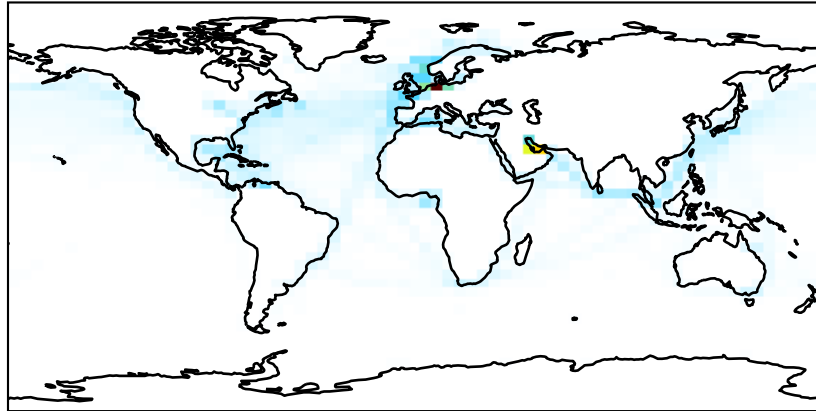


Ratio
Dev/Ref, Fixed Range

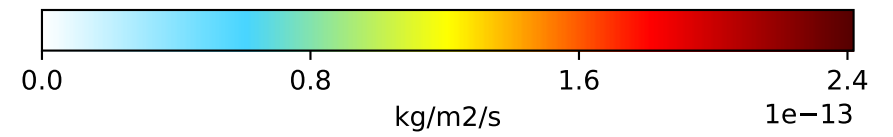
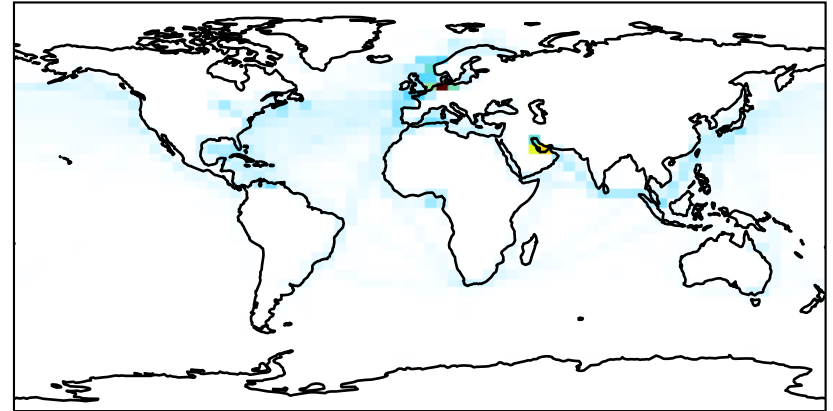


EmisTOLU_Ship (Jul2019)

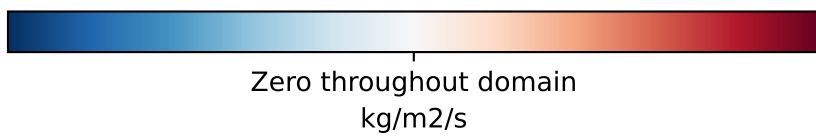
GCC_13.2.0 (Ref)
4.0x5.0



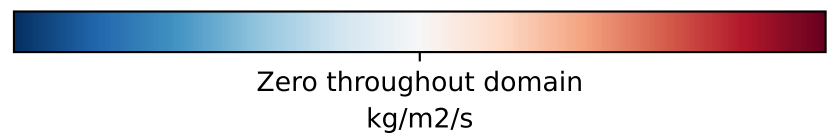
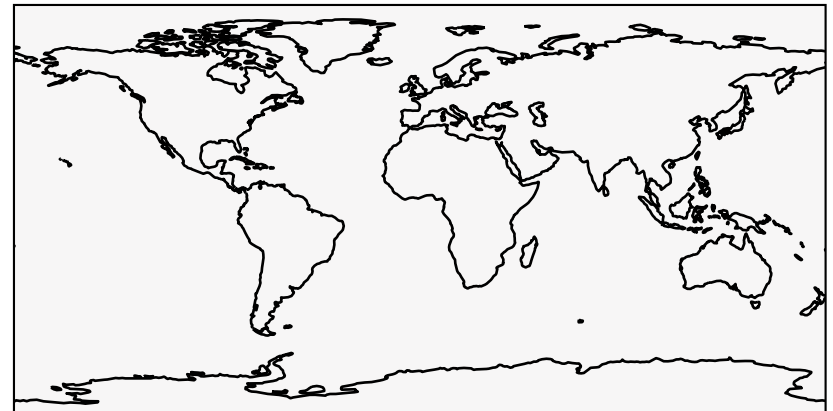
GCC_13.2.0-LuoWetdep (Dev)
4.0x5.0



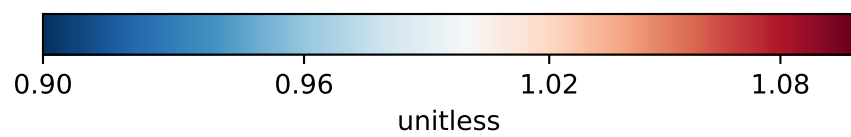
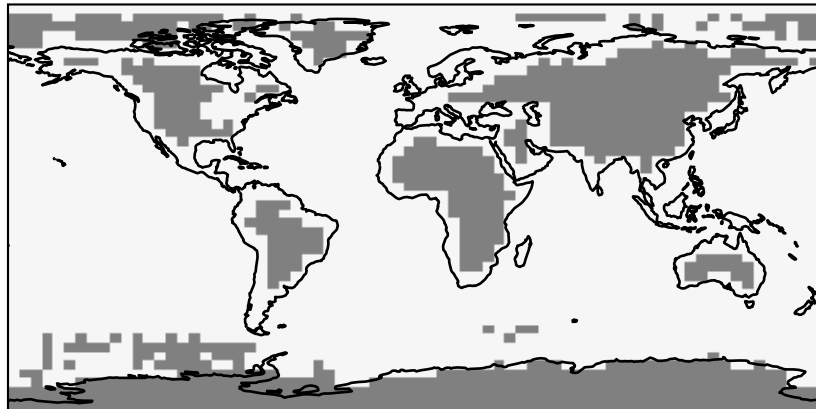
Difference
Dev - Ref, Dynamic Range



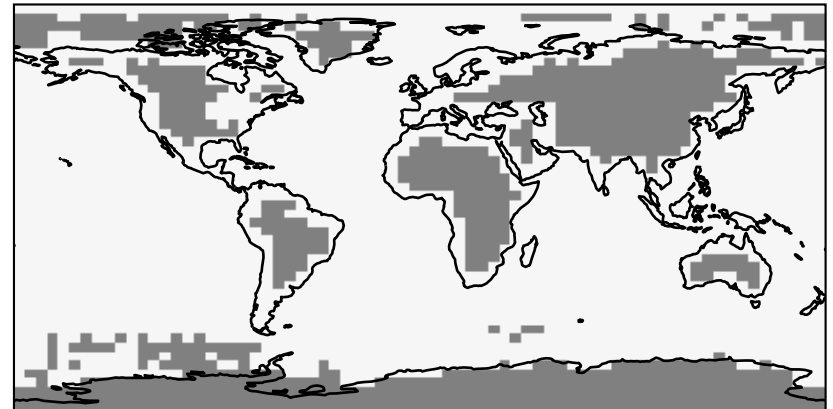
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

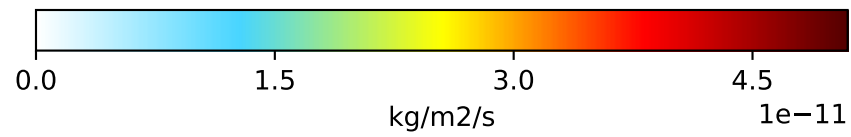
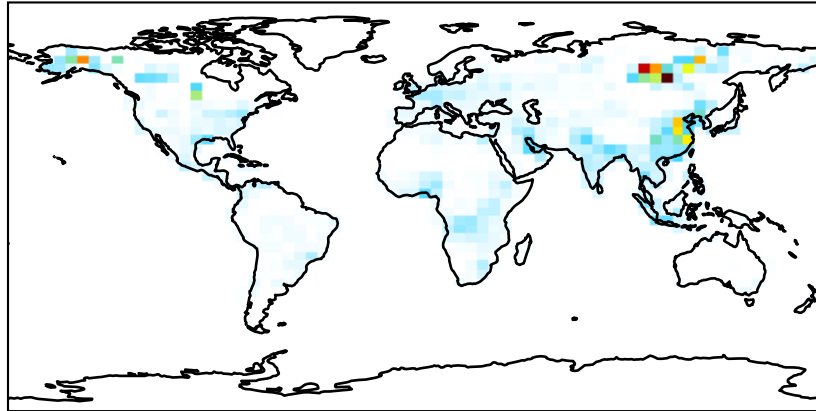


Ratio
Dev/Ref, Fixed Range

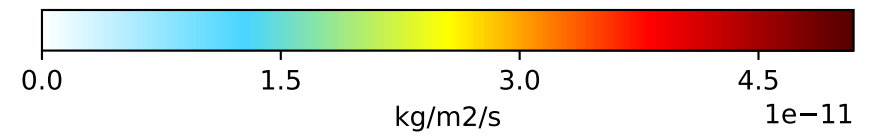
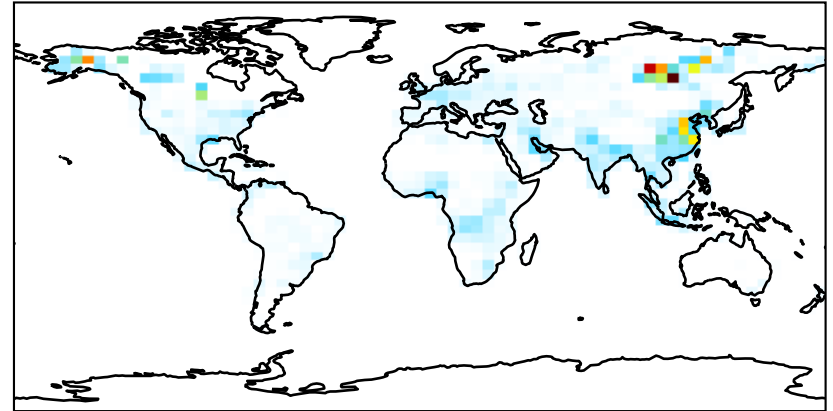


EmisTOLU_Total (Jul2019)

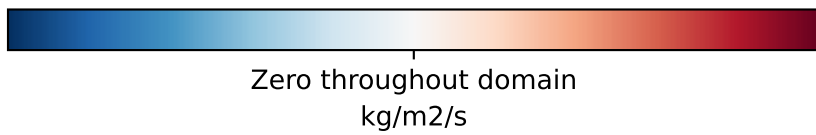
GCC_13.2.0 (Ref)
4.0x5.0



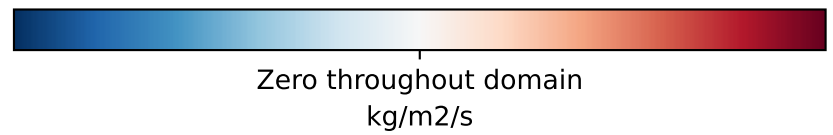
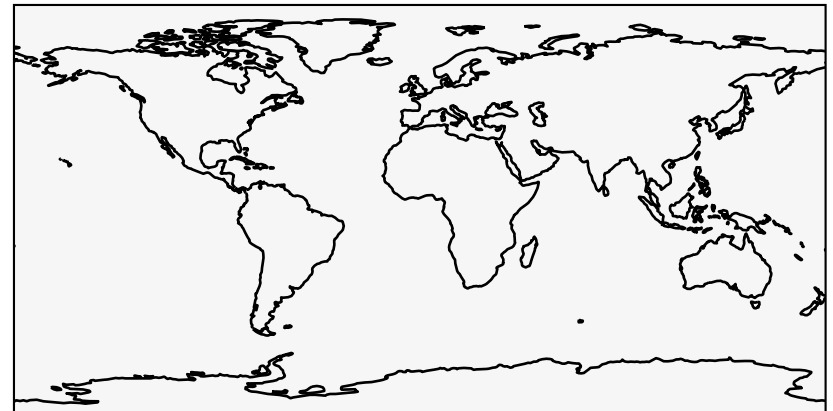
GCC_13.2.0-LuoWetdep (Dev)
4.0x5.0



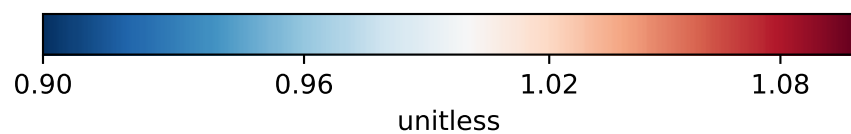
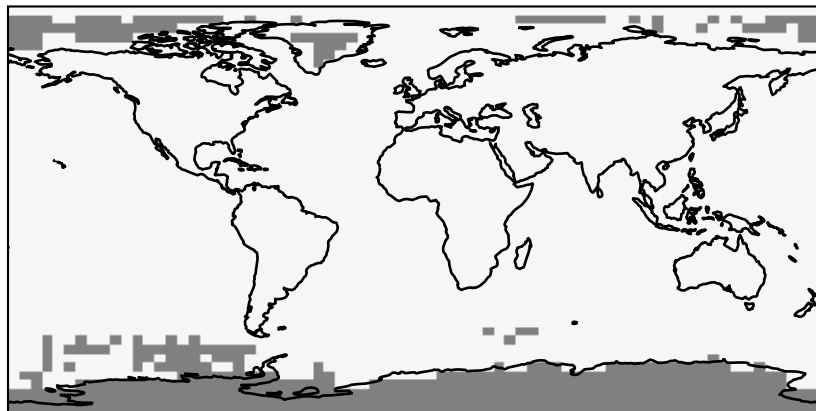
Difference
Dev - Ref, Dynamic Range



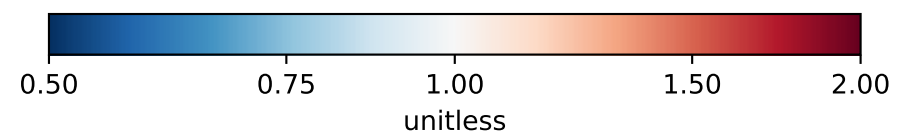
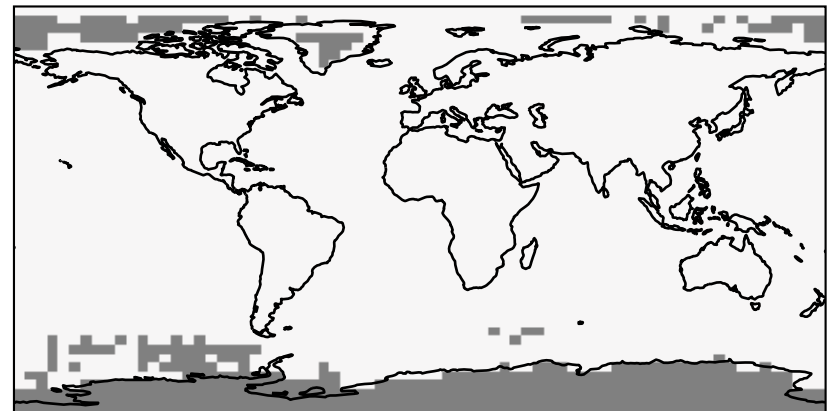
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

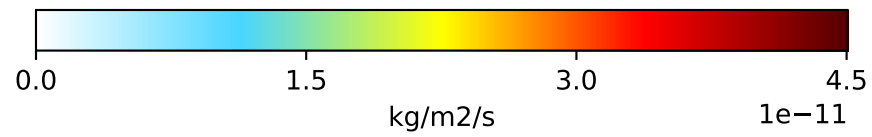
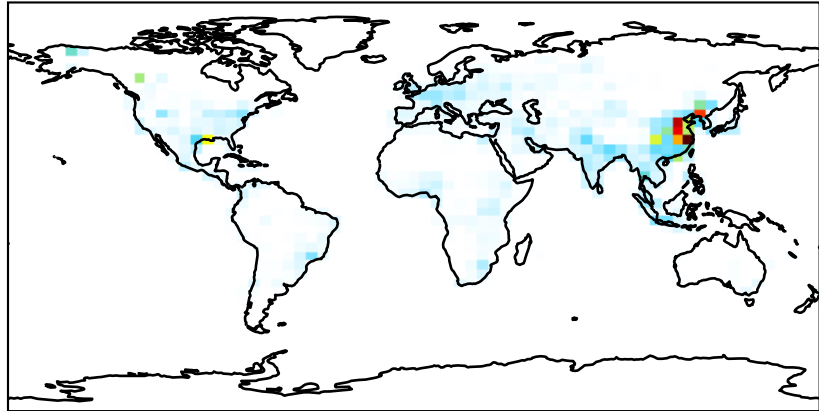


Ratio
Dev/Ref, Fixed Range

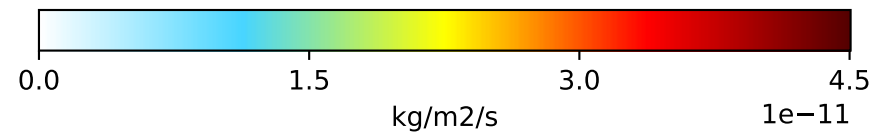
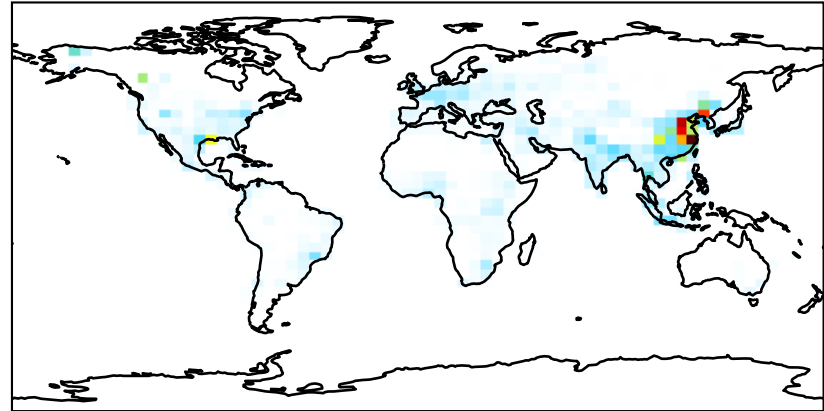


EmisXYLE_Anthro (Jul2019)

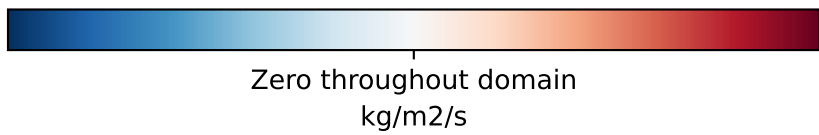
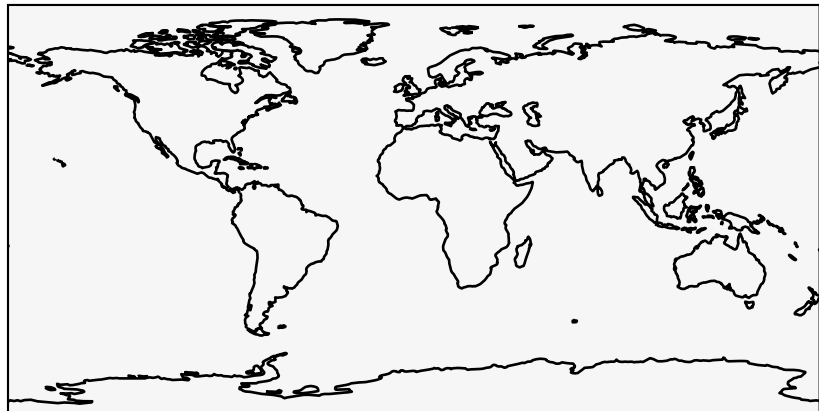
GCC_13.2.0 (Ref)
4.0x5.0



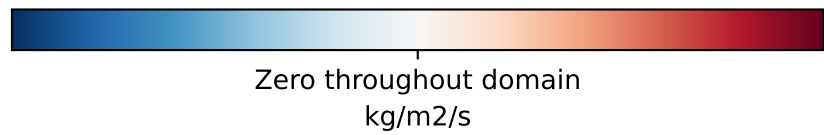
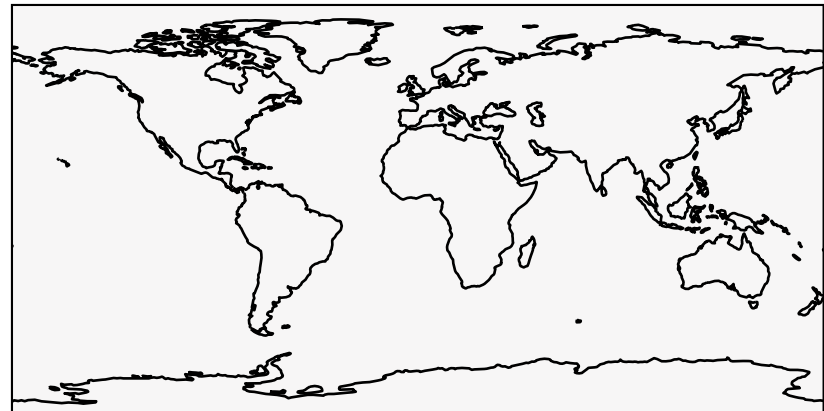
GCC_13.2.0-LuoWetdep (Dev)
4.0x5.0



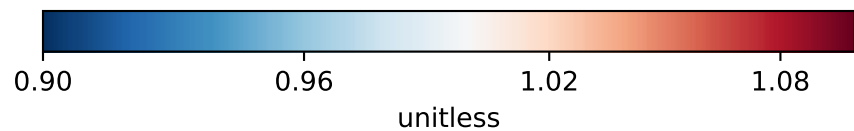
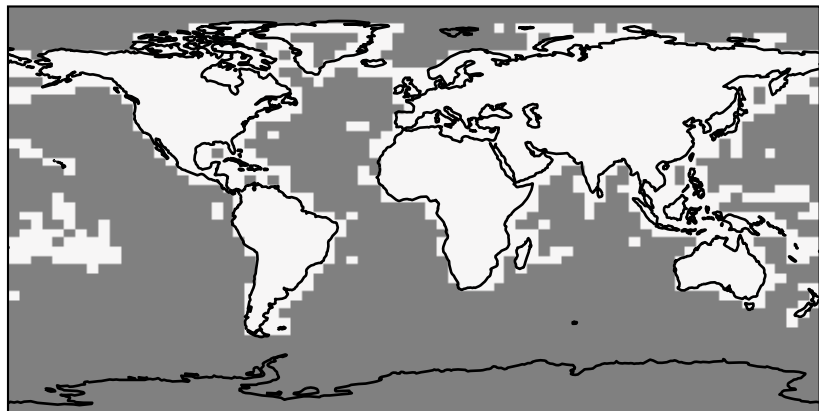
Difference
Dev - Ref, Dynamic Range



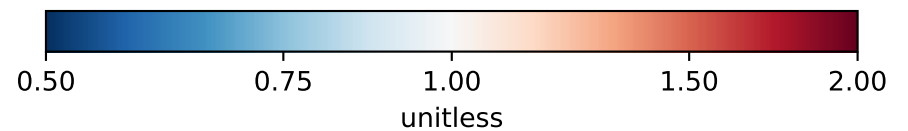
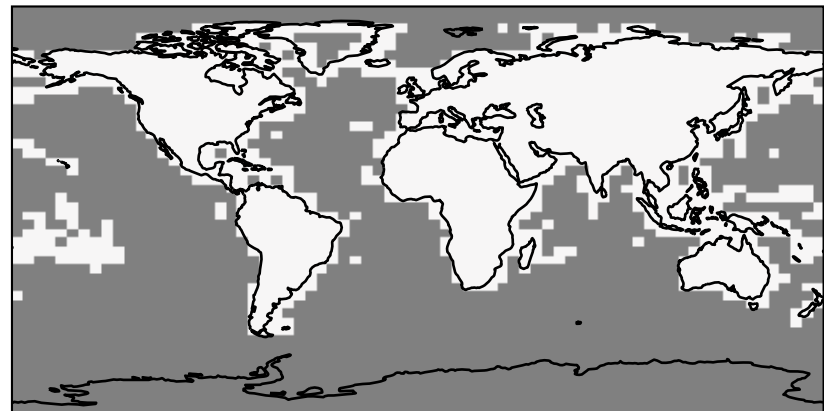
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

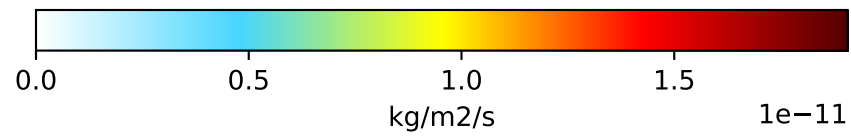
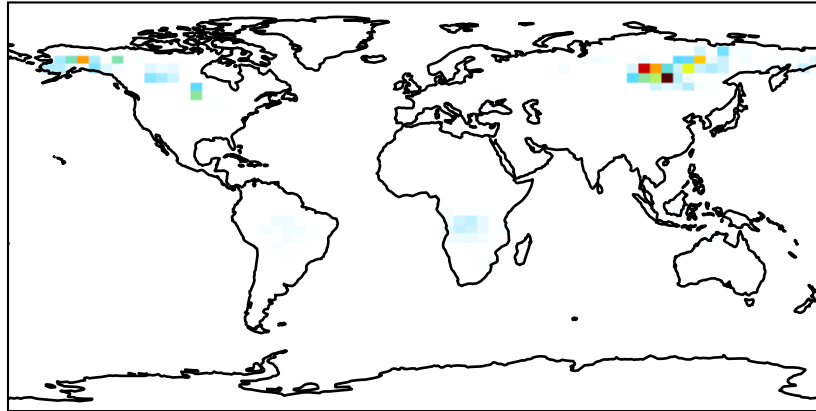


Ratio
Dev/Ref, Fixed Range

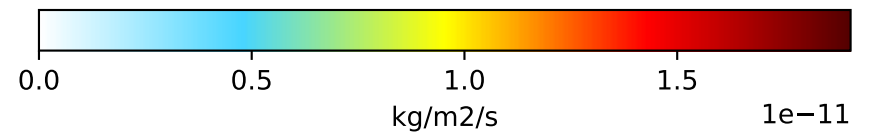
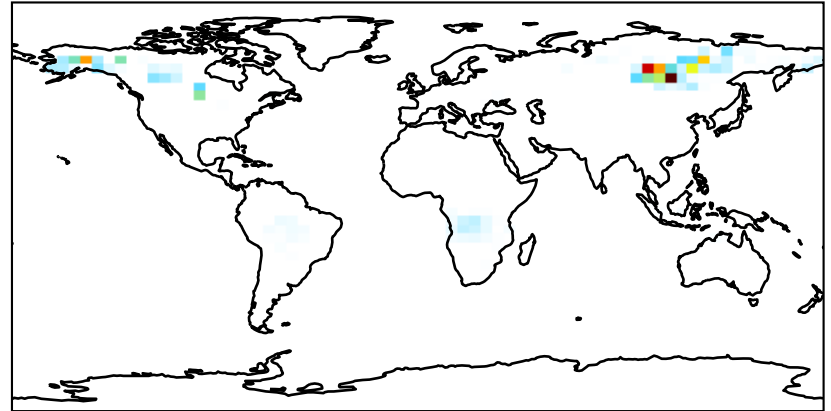


EmisXYLE_BioBurn (Jul2019)

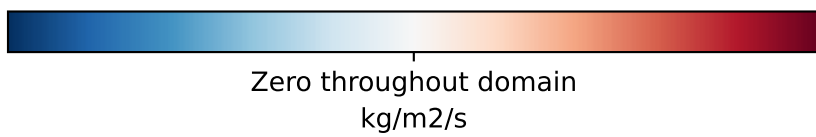
GCC_13.2.0 (Ref)
4.0x5.0



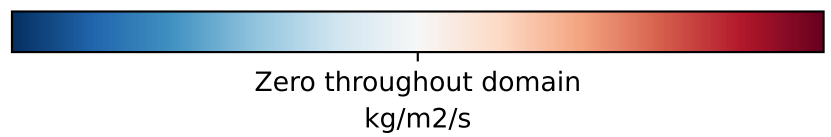
GCC_13.2.0-LuoWetdep (Dev)
4.0x5.0



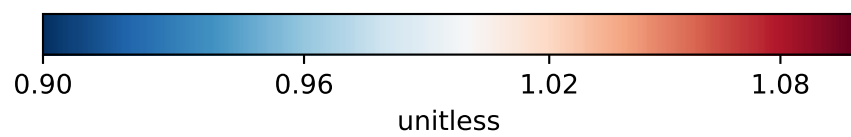
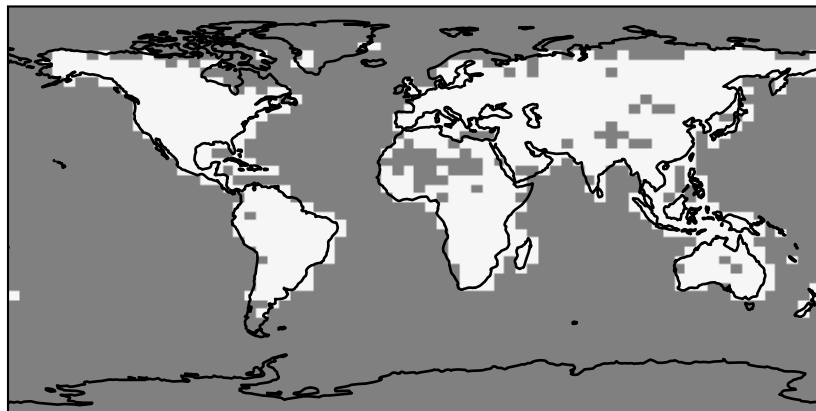
Difference
Dev - Ref, Dynamic Range



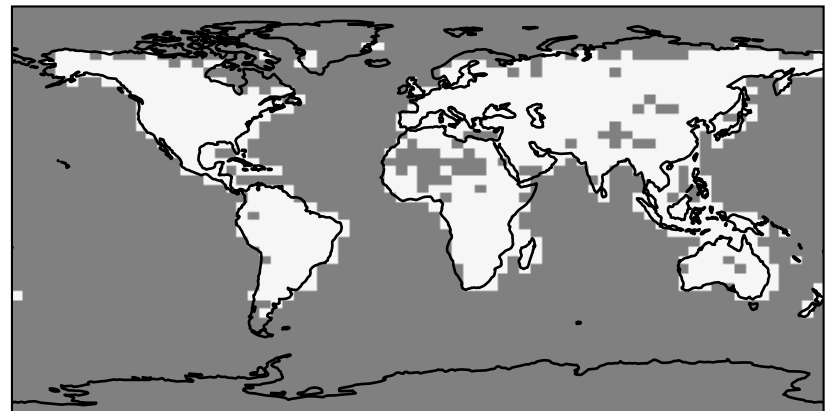
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

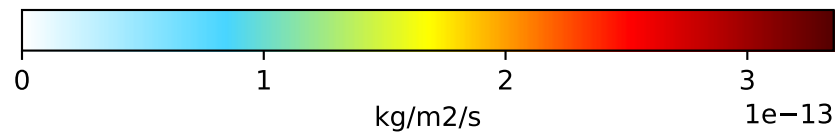
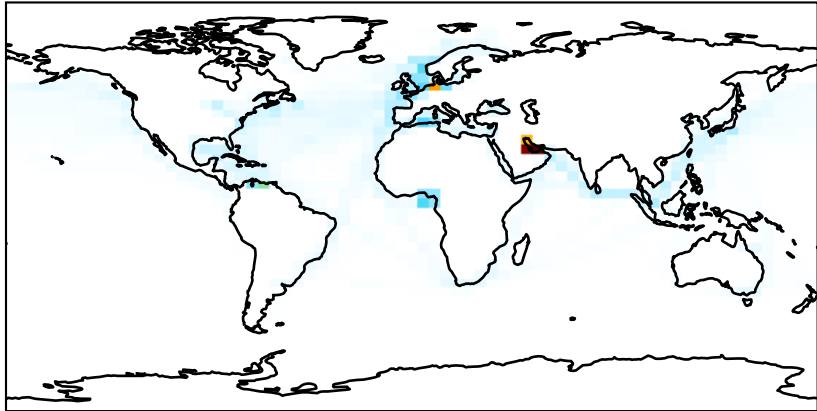


Ratio
Dev/Ref, Fixed Range

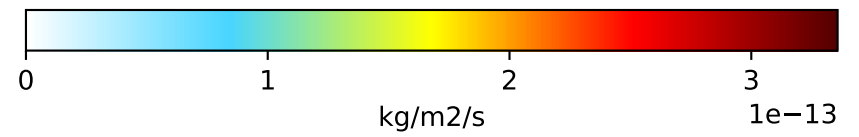
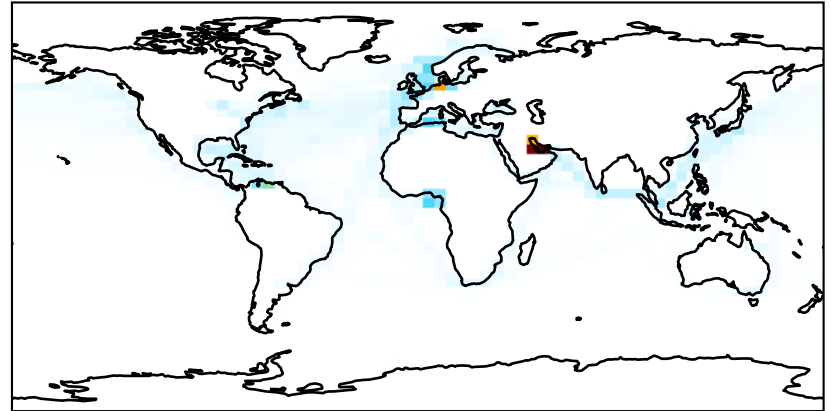


EmisXYLE_Ship (Jul2019)

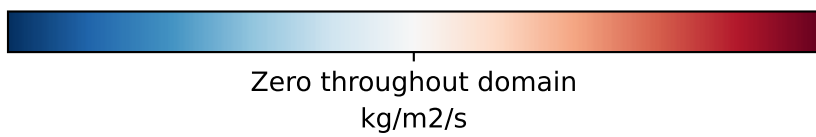
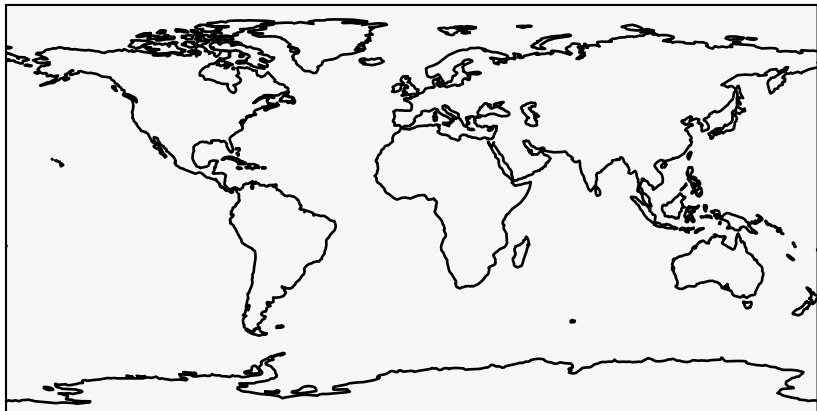
GCC_13.2.0 (Ref)
4.0x5.0



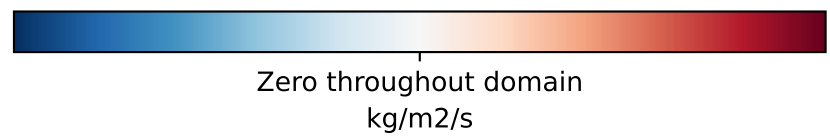
GCC_13.2.0-LuoWetdep (Dev)
4.0x5.0



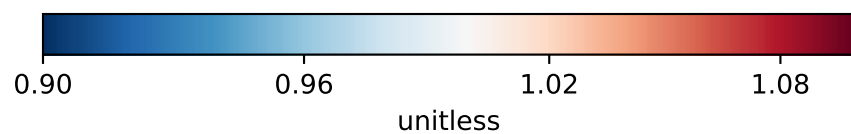
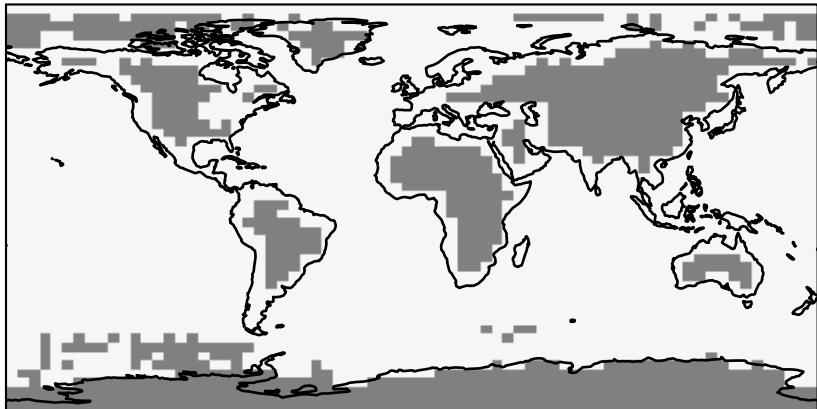
Difference
Dev - Ref, Dynamic Range



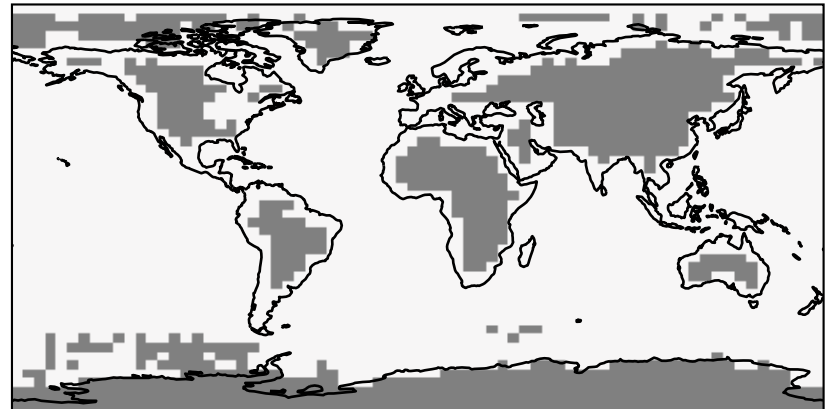
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

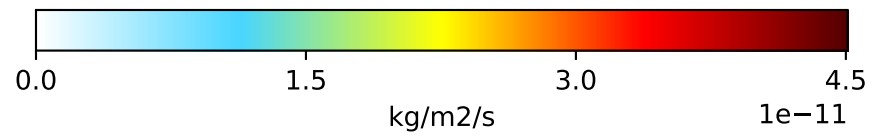
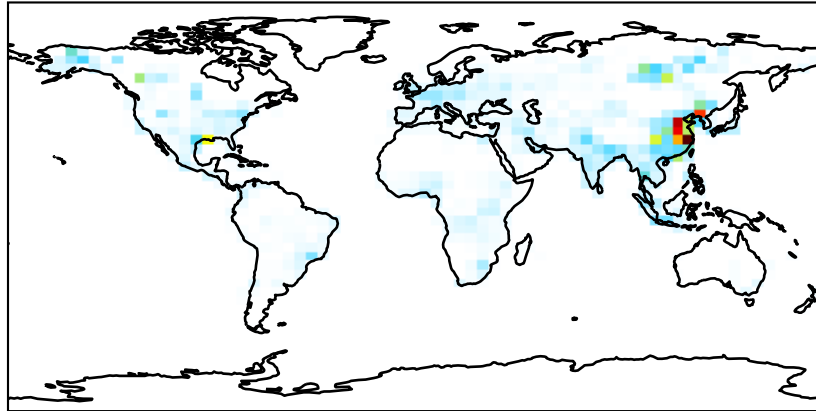


Ratio
Dev/Ref, Fixed Range

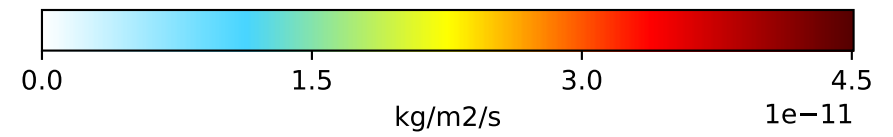
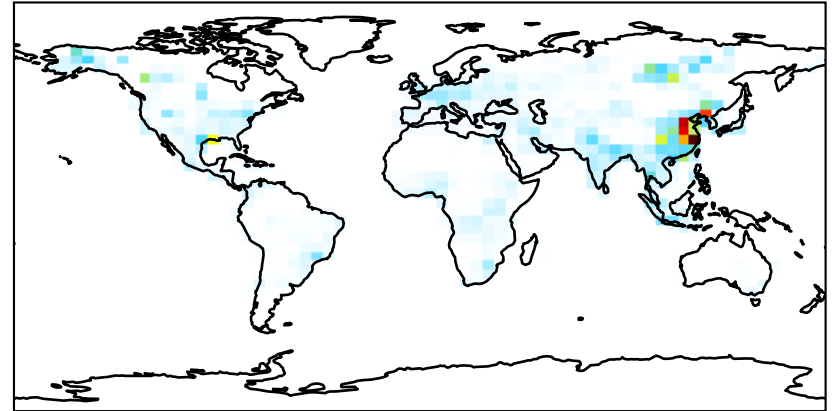


EmisXYLE_Total (Jul2019)

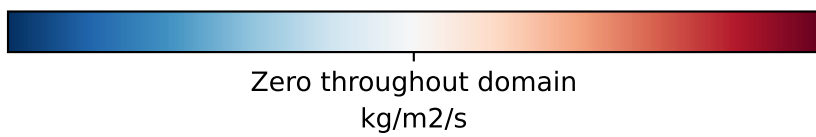
GCC_13.2.0 (Ref)
4.0x5.0



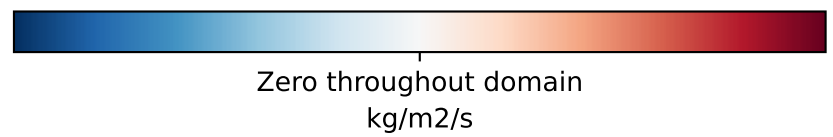
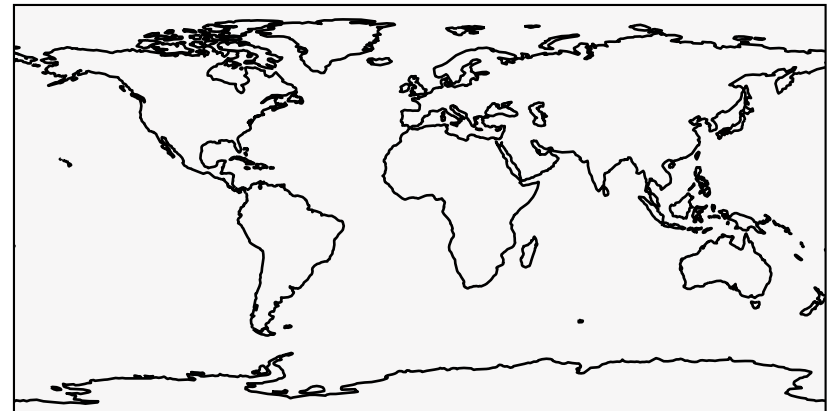
GCC_13.2.0-LuoWetdep (Dev)
4.0x5.0



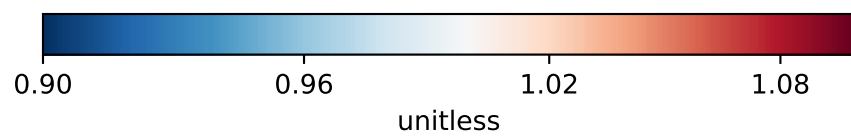
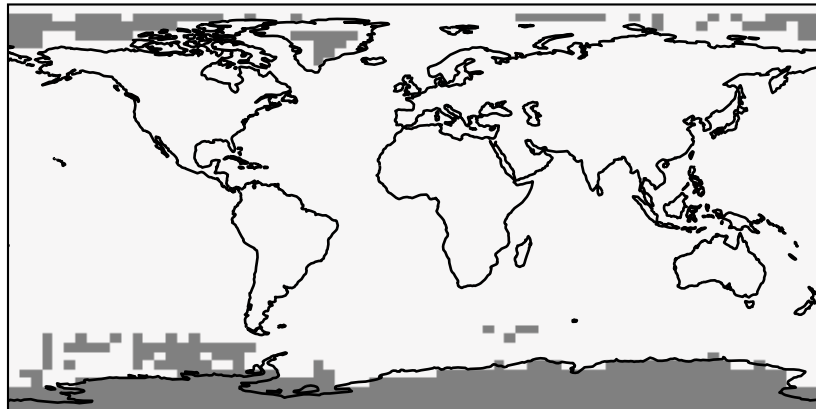
Difference
Dev - Ref, Dynamic Range



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



Ratio
Dev/Ref, Dynamic Range



Ratio
Dev/Ref, Fixed Range

