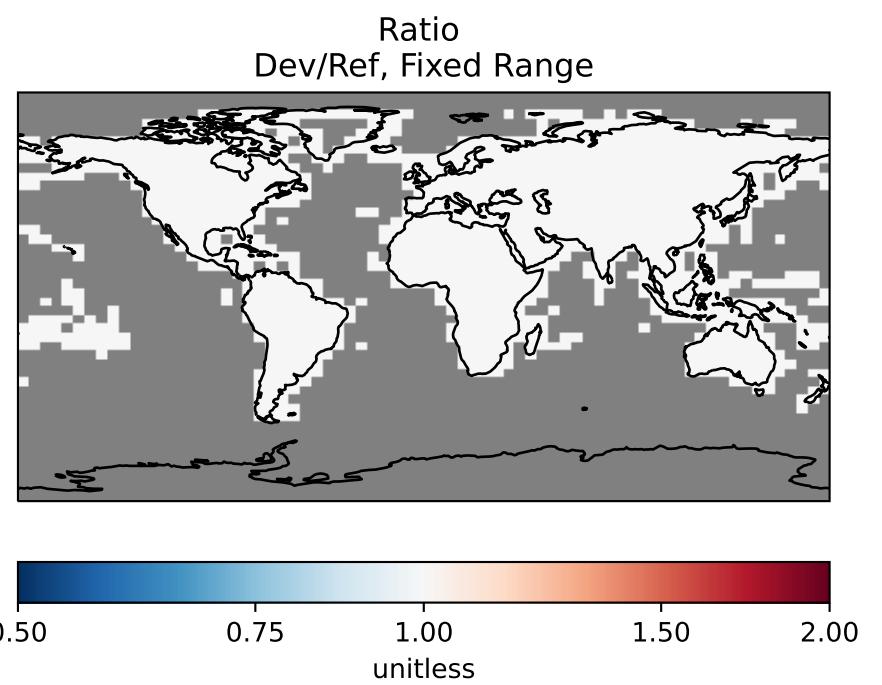
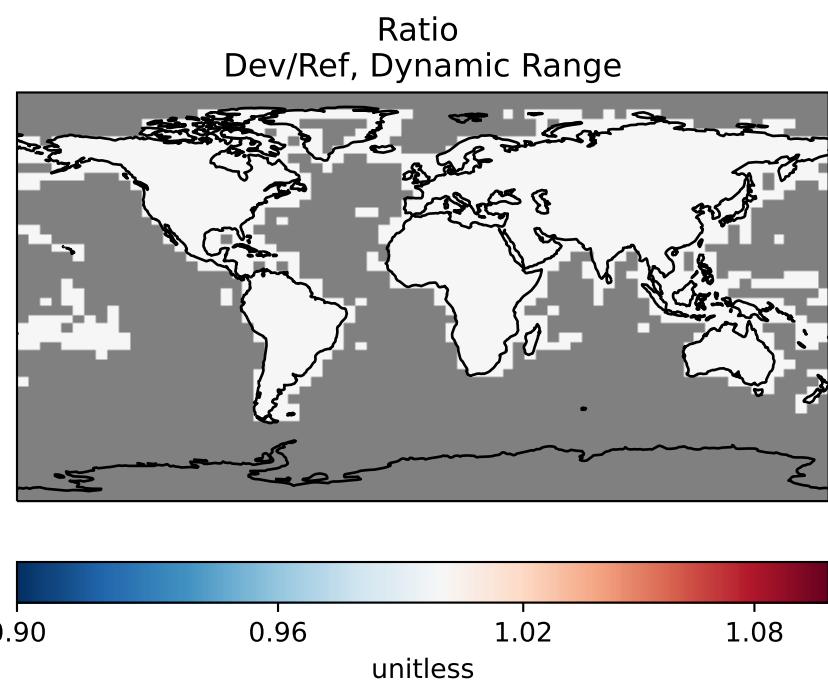
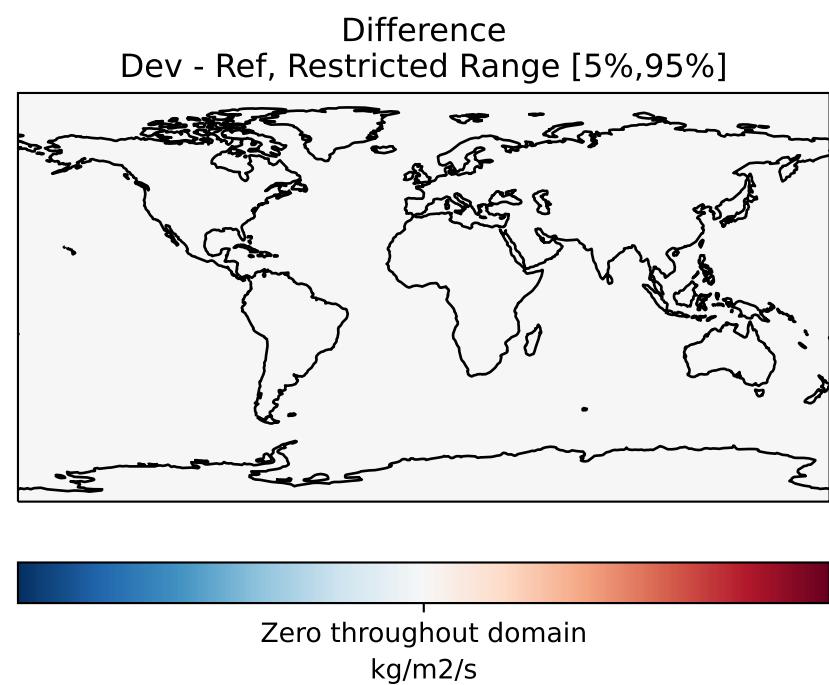
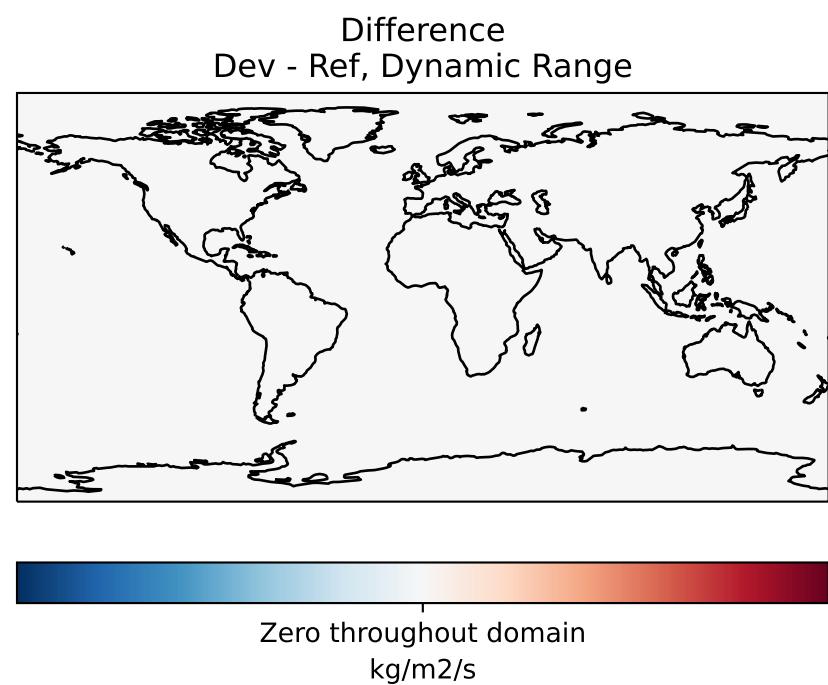
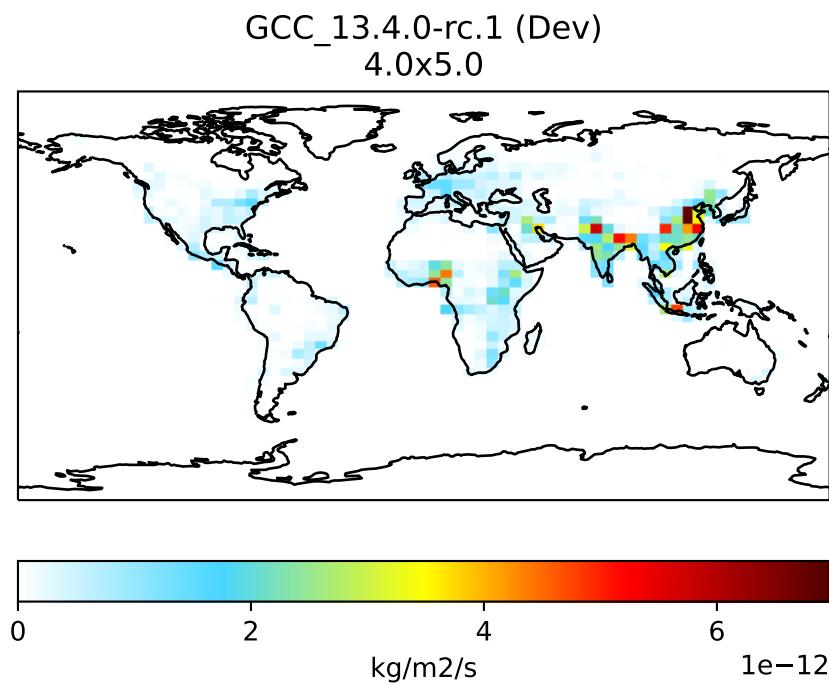
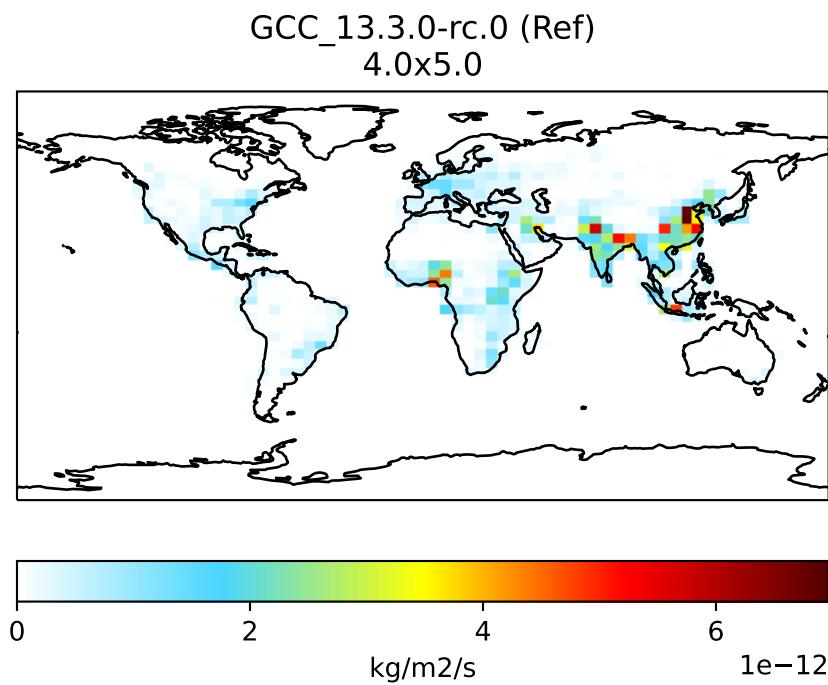
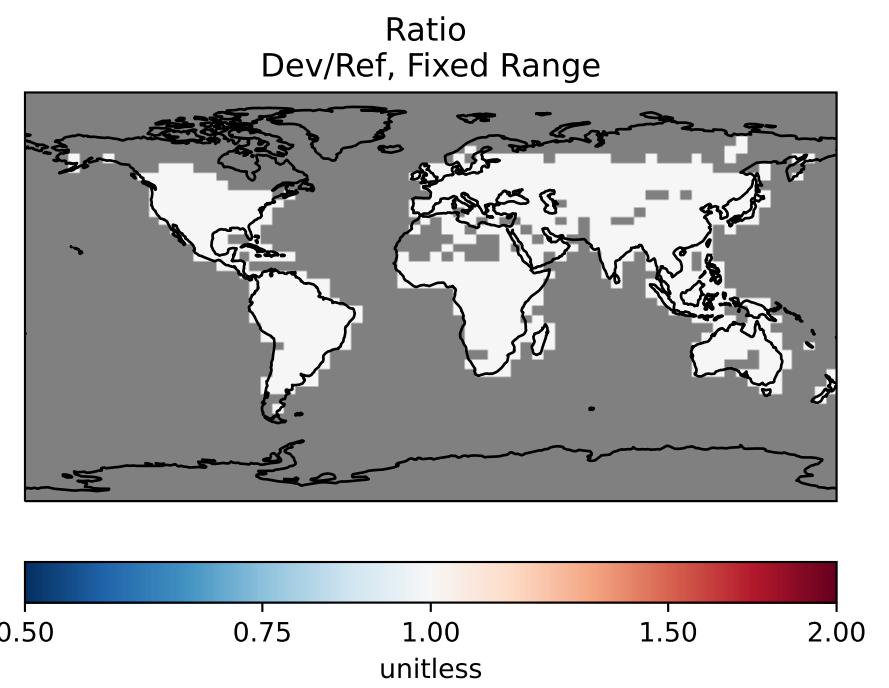
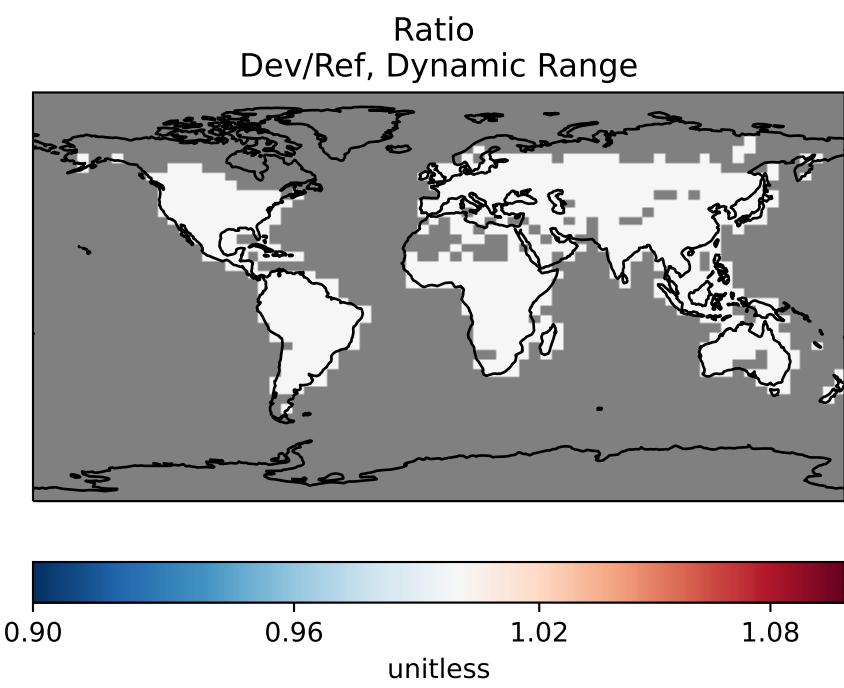
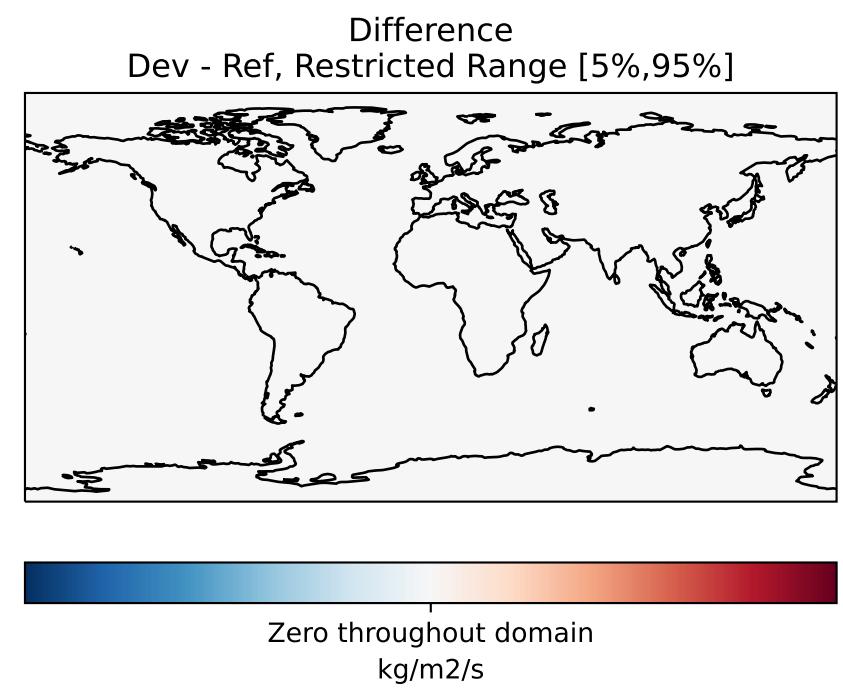
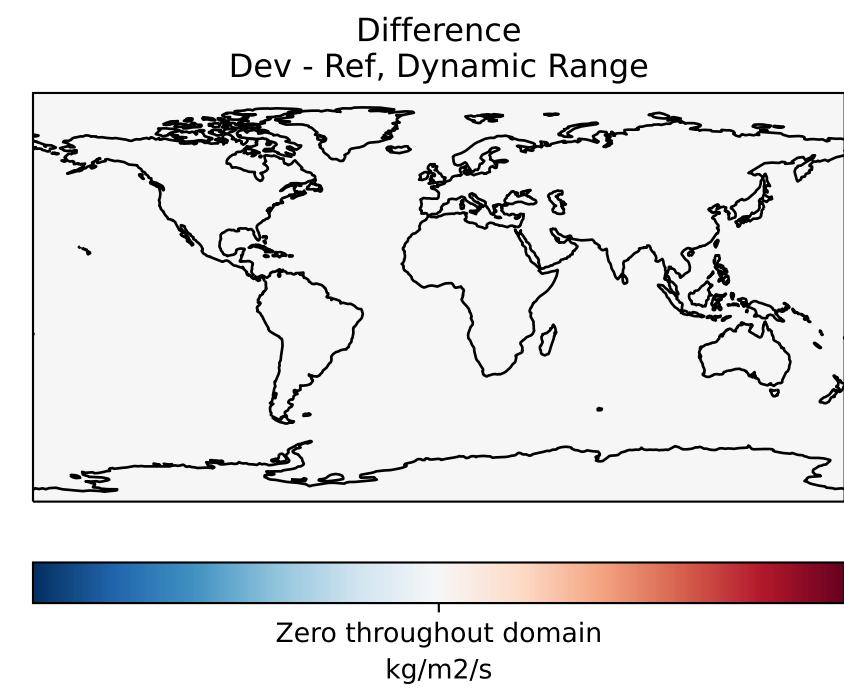
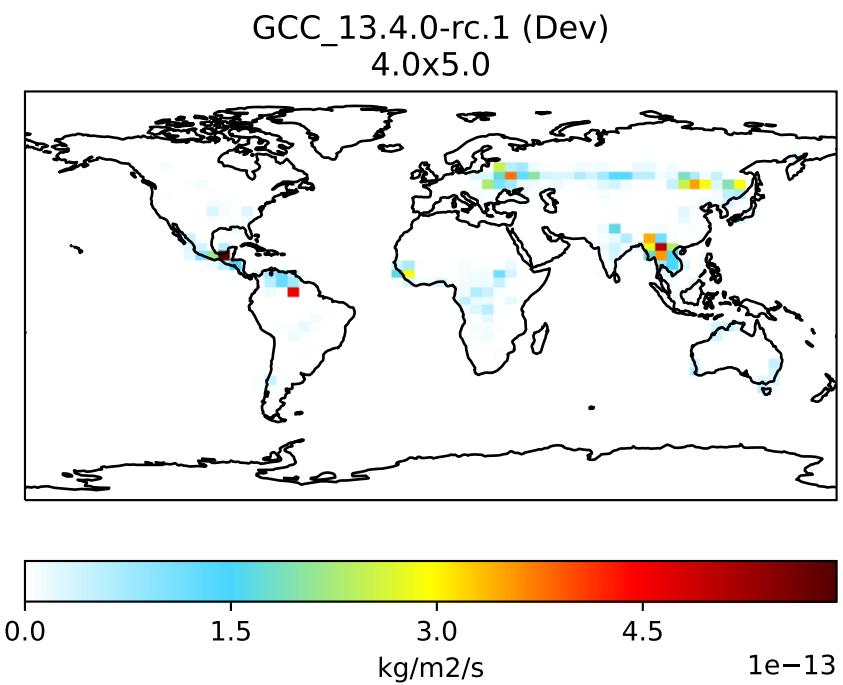
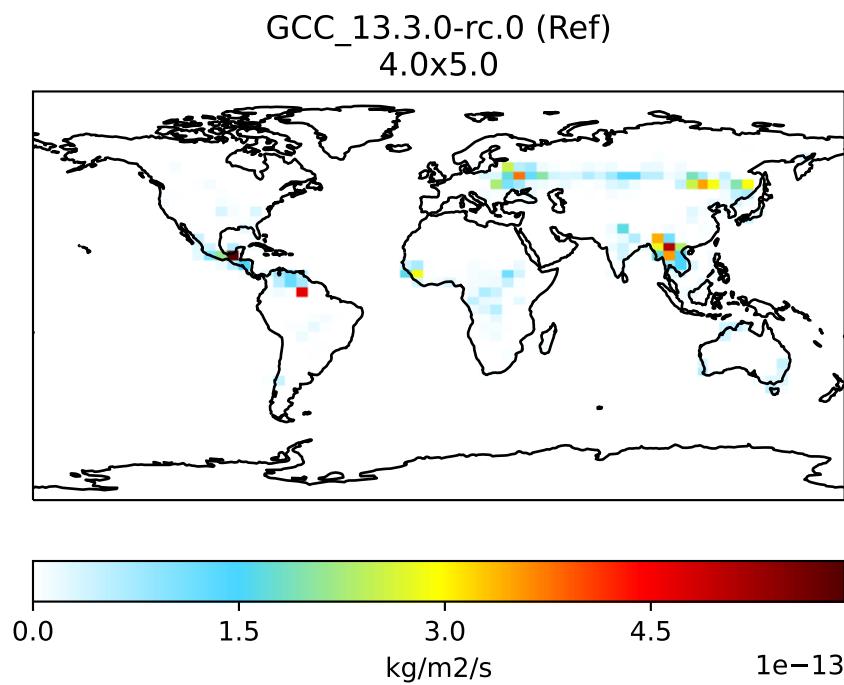


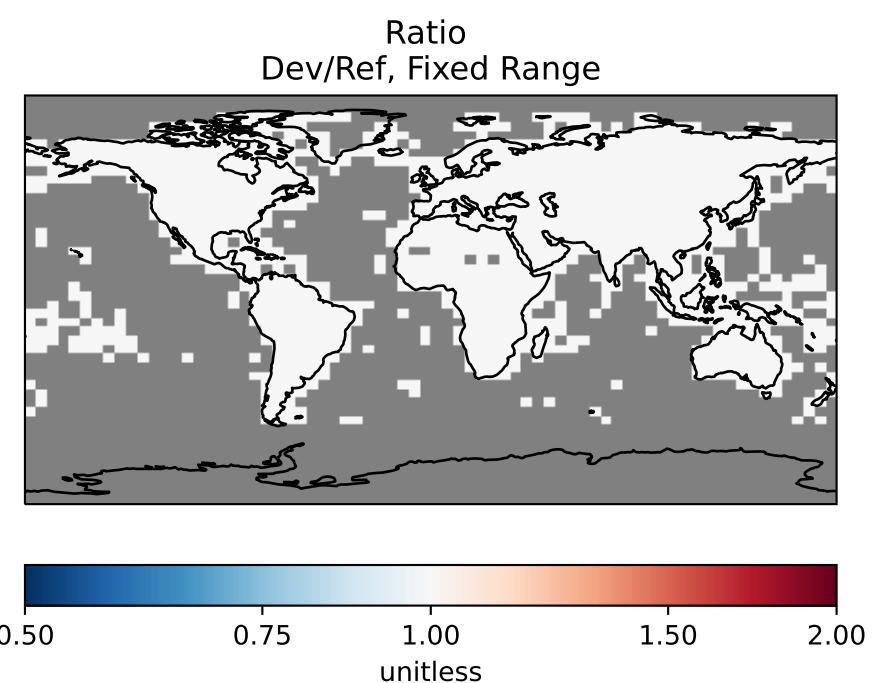
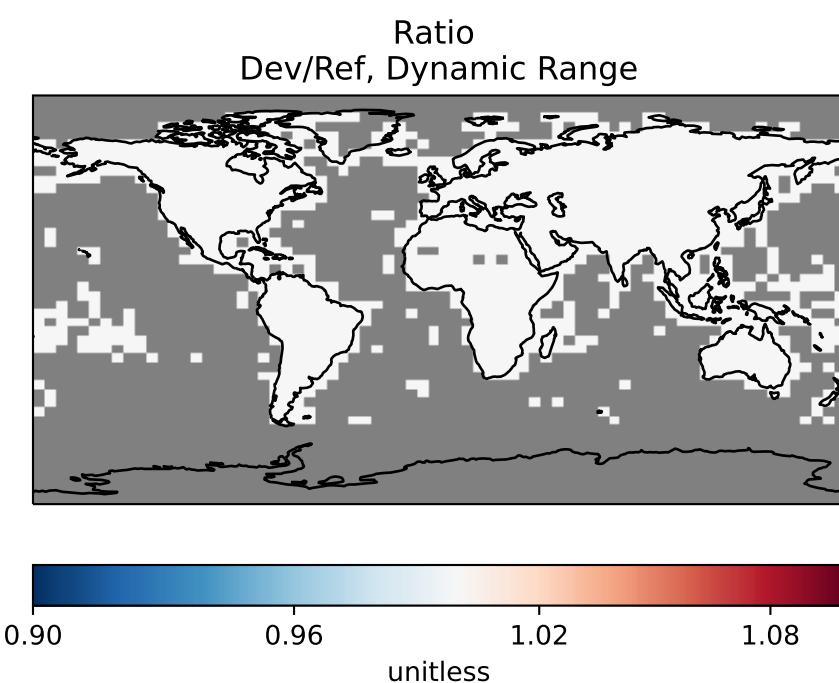
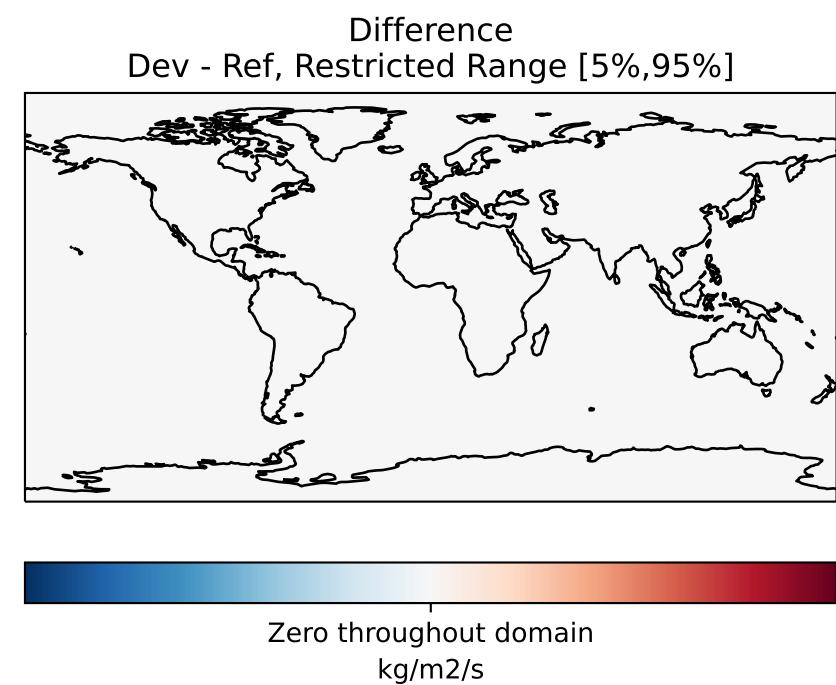
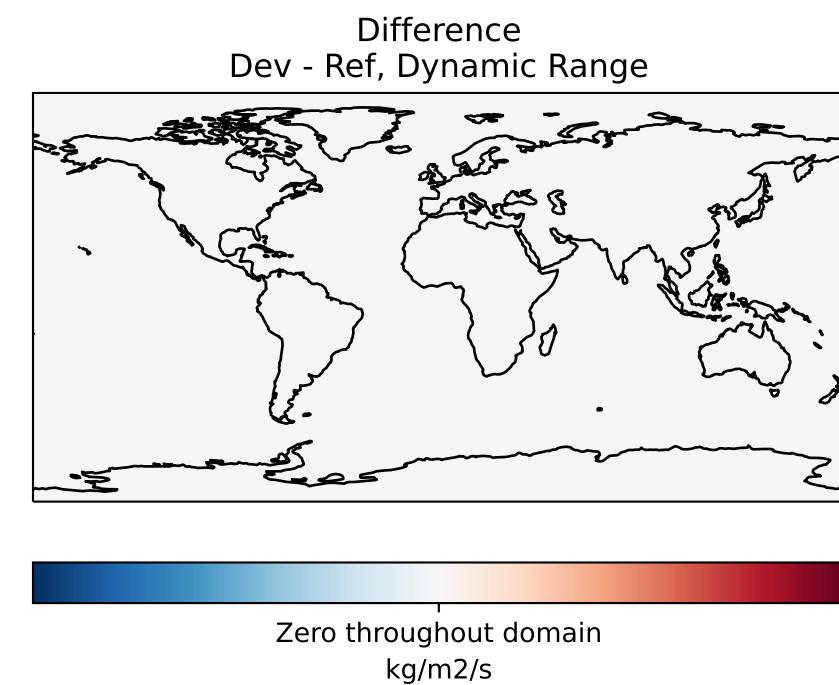
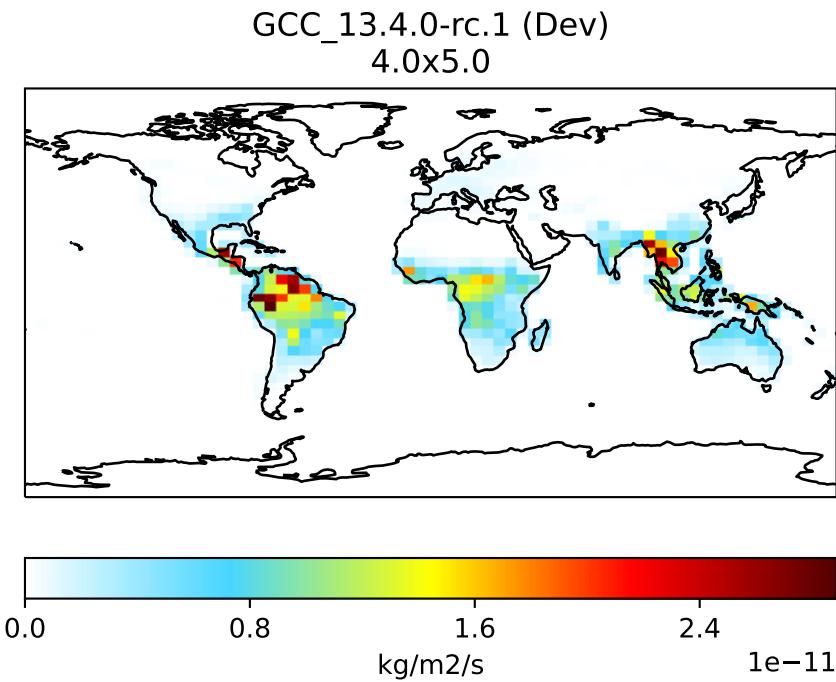
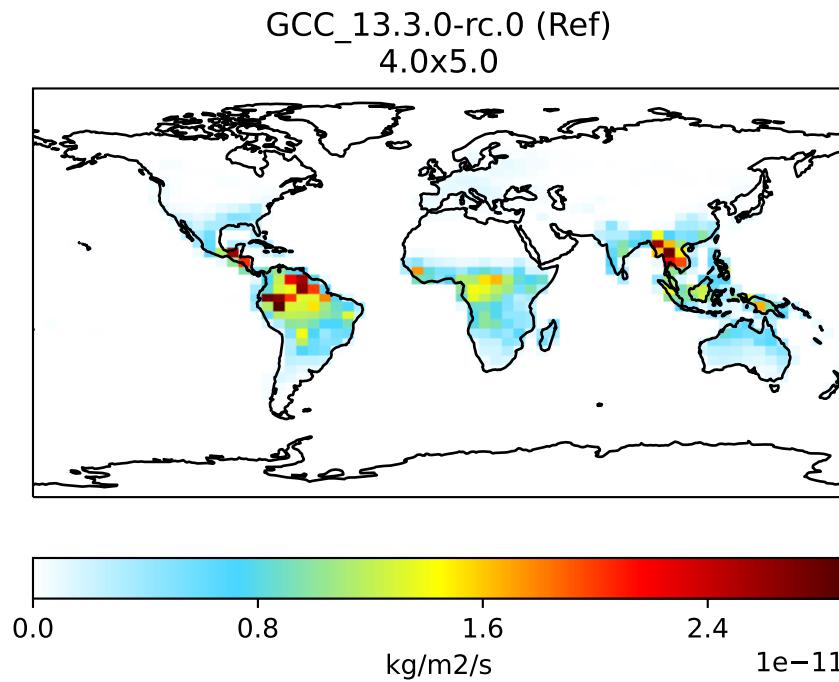
EmisEOH_Anthro (Apr2019)



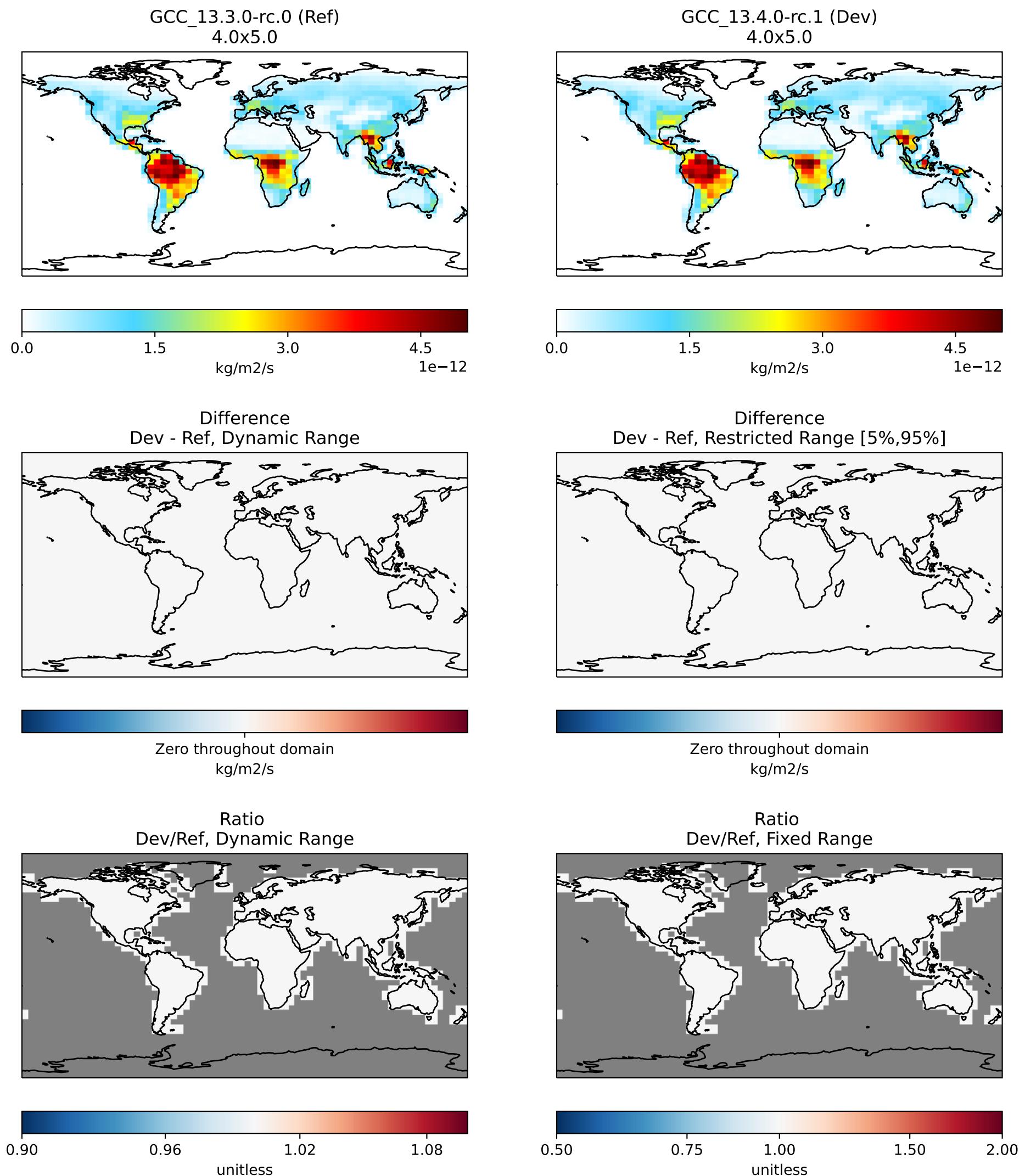
EmisEOH_BioBurn (Apr2019)



EmisEOH_Biogenic (Apr2019)

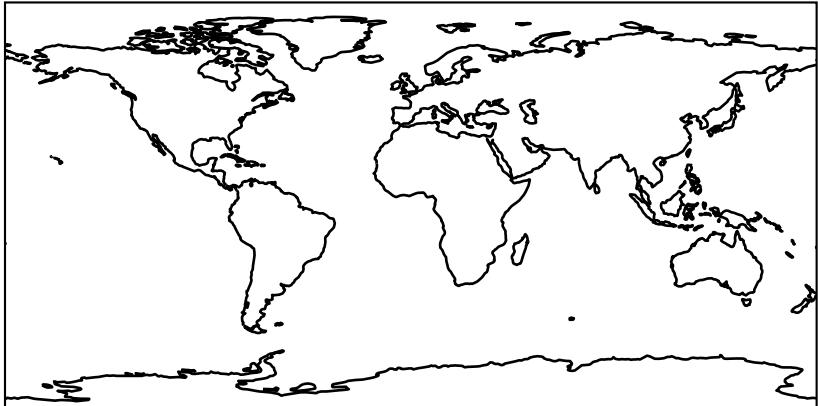


EmisEOH_PlantDecay (Apr2019)



EmisEOH_Ship (Apr2019)

GCC_13.3.0-rc.0 (Ref)
4.0x5.0



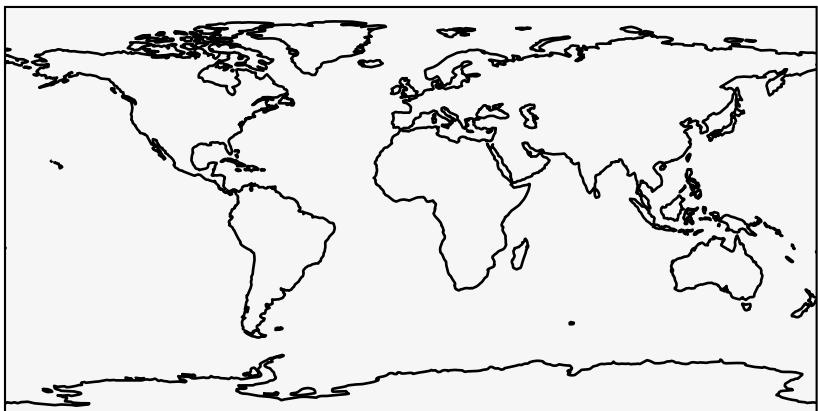
Zero throughout domain
kg/m²/s

GCC_13.4.0-rc.1 (Dev)
4.0x5.0



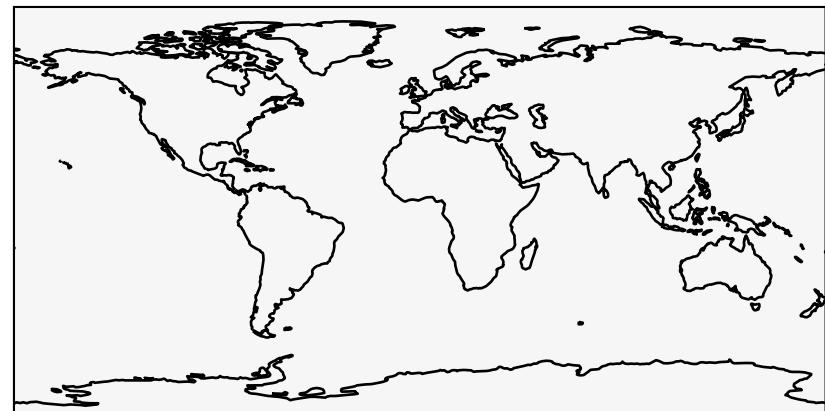
Zero throughout domain
kg/m²/s

Difference
Dev - Ref, Dynamic Range



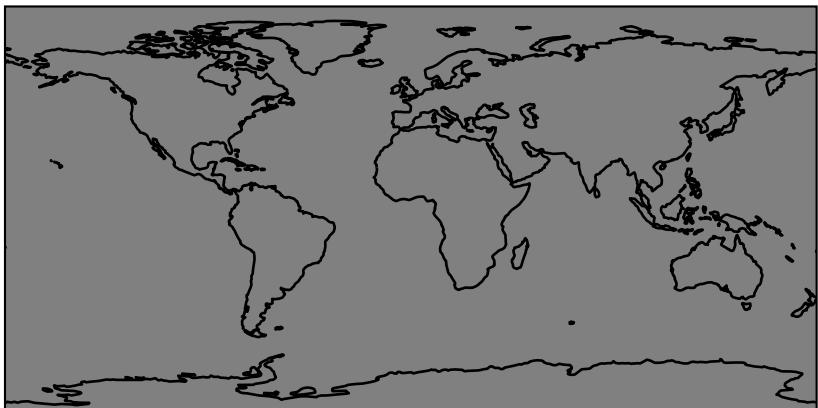
Zero throughout domain
kg/m²/s

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



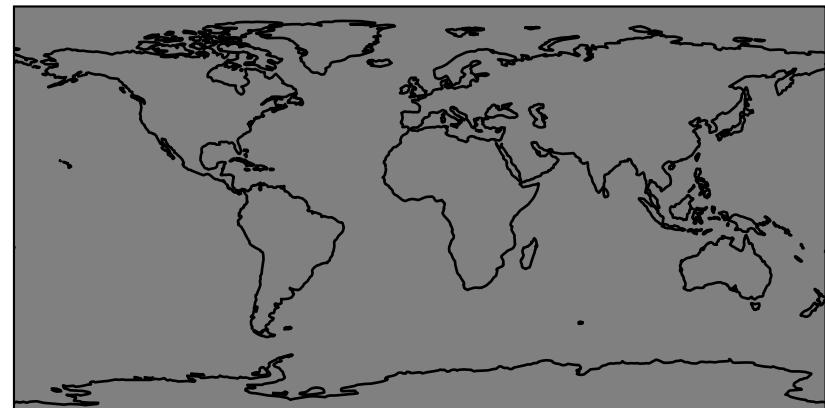
Zero throughout domain
kg/m²/s

Ratio
Dev/Ref, Dynamic Range



Undefined throughout domain
unitless

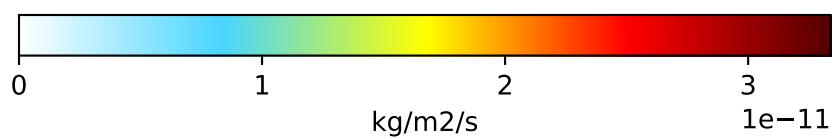
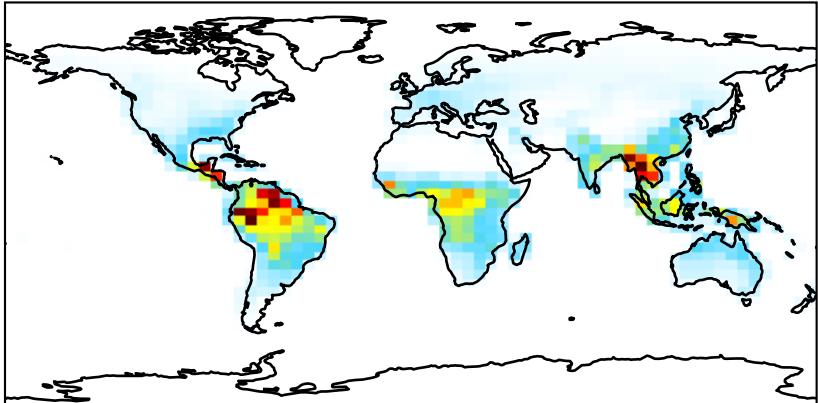
Ratio
Dev/Ref, Fixed Range



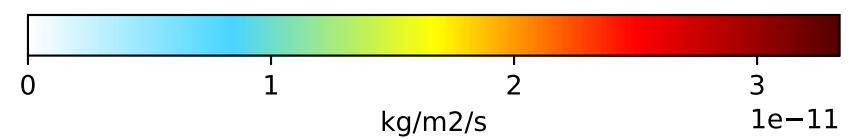
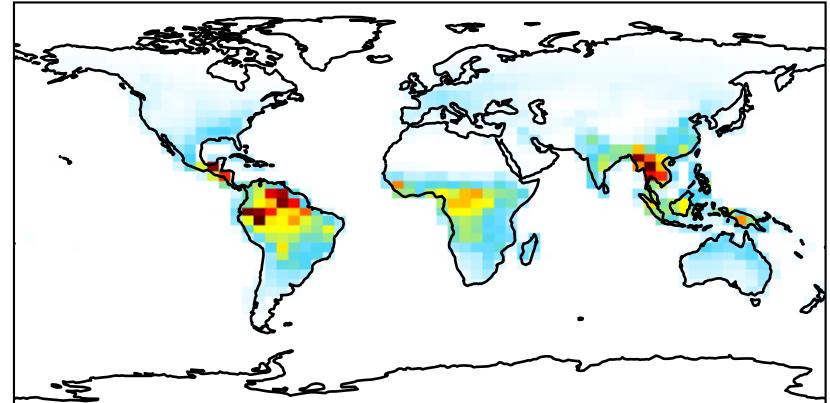
Undefined throughout domain
unitless

EmisEOH_Total (Apr2019)

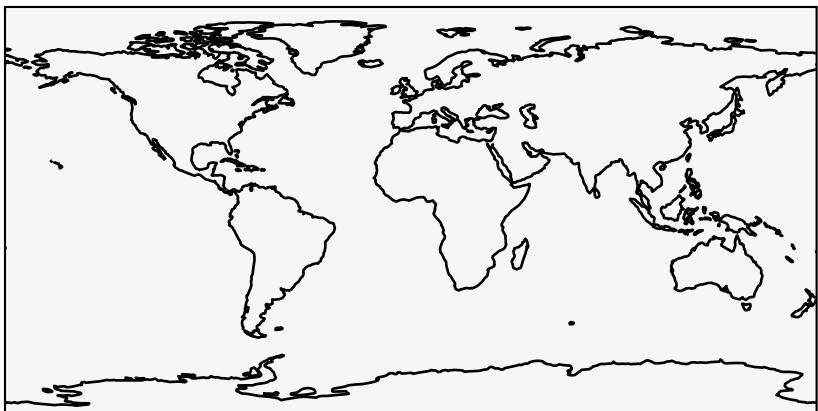
GCC_13.3.0-rc.0 (Ref)
4.0x5.0



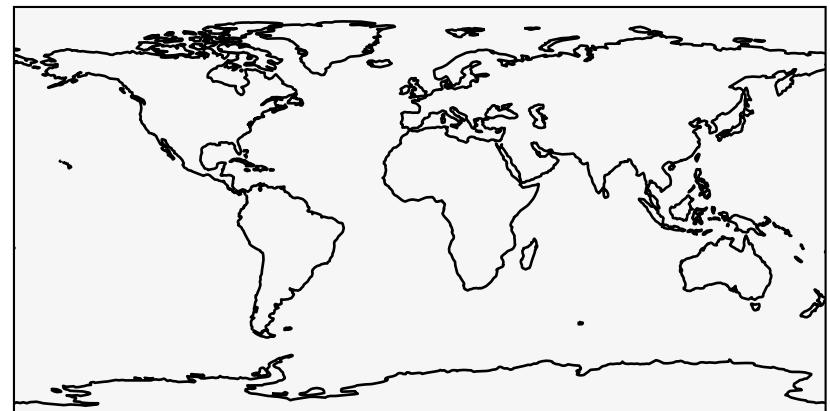
GCC_13.4.0-rc.1 (Dev)
4.0x5.0



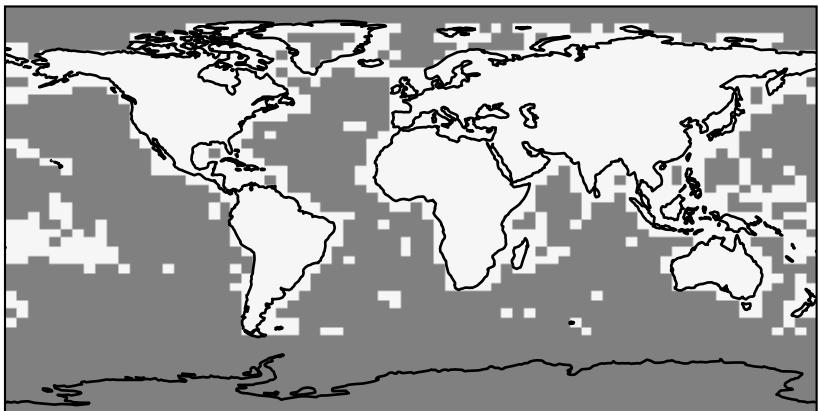
Difference
Dev - Ref, Dynamic Range



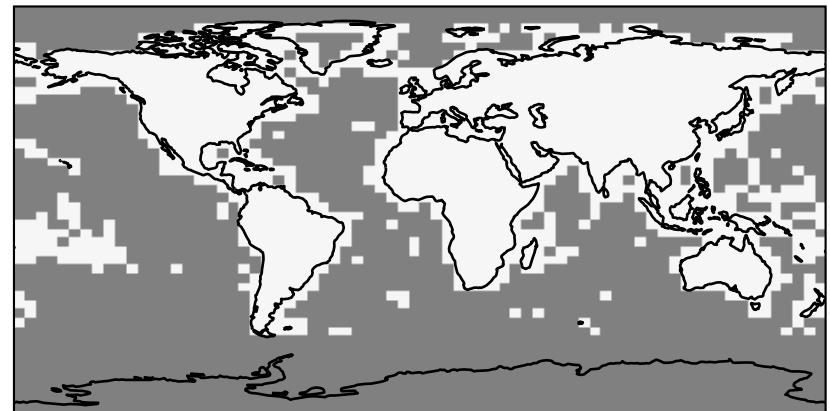
Difference
Dev - Ref, Restricted Range [5%, 95%]



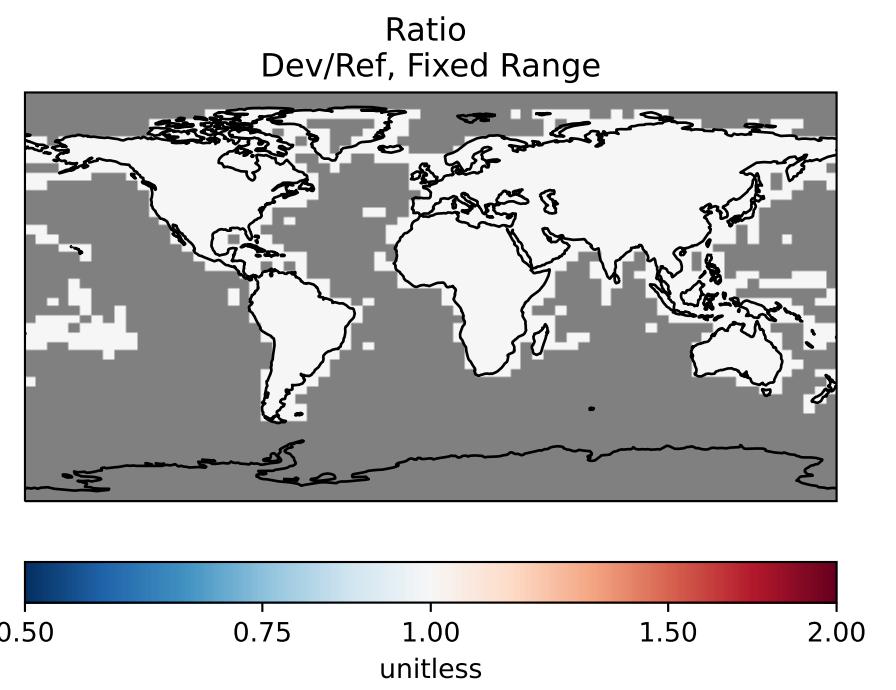
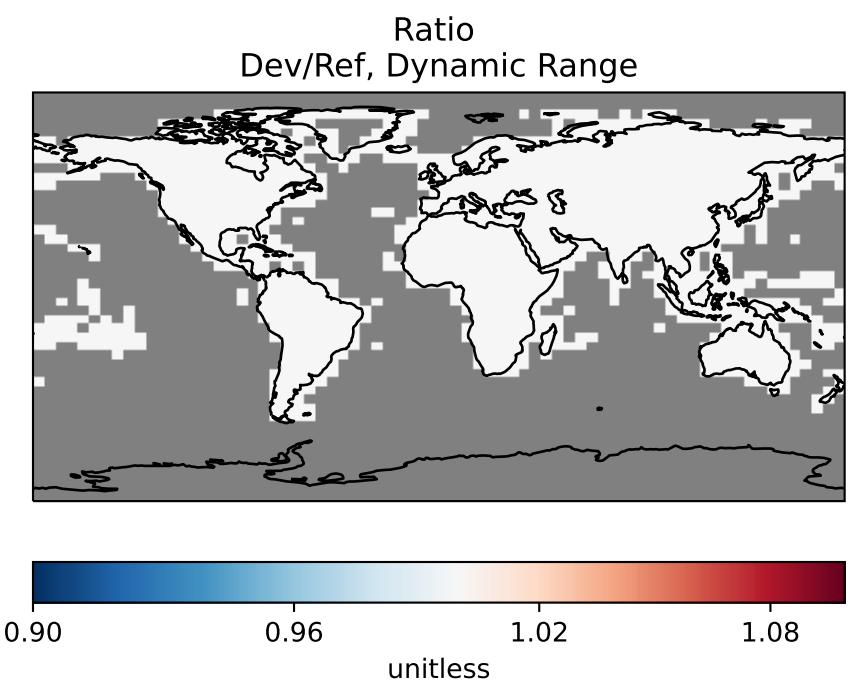
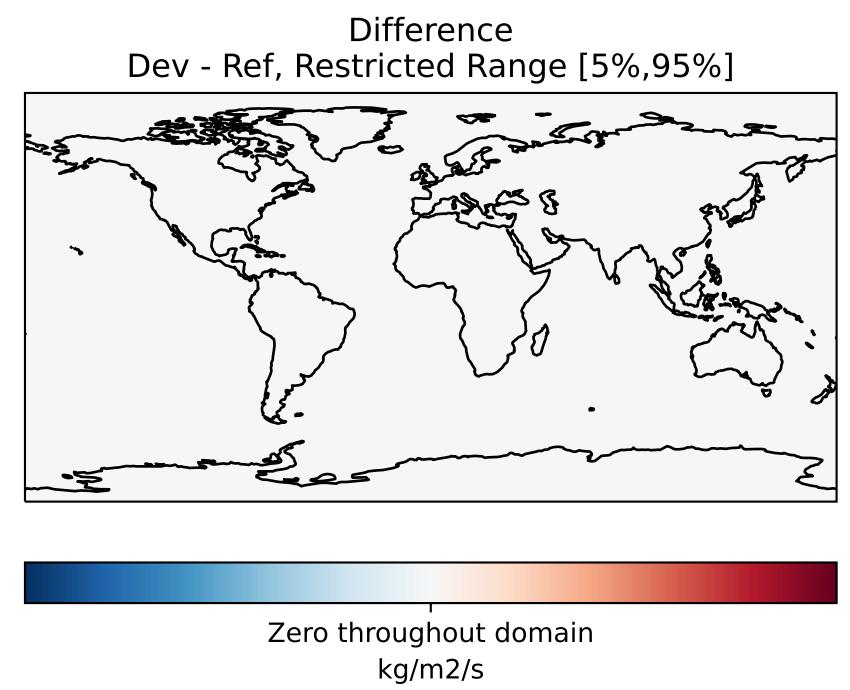
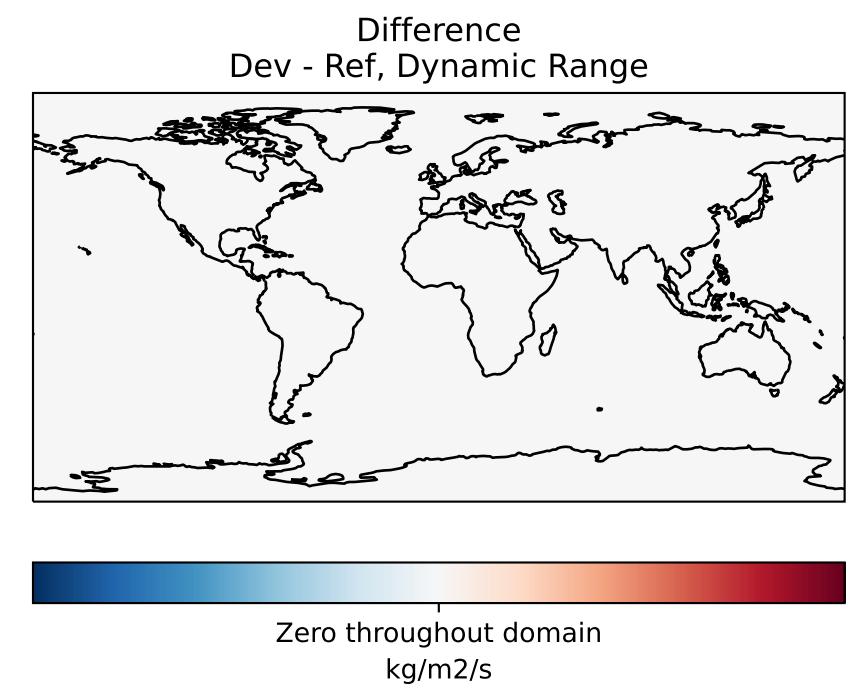
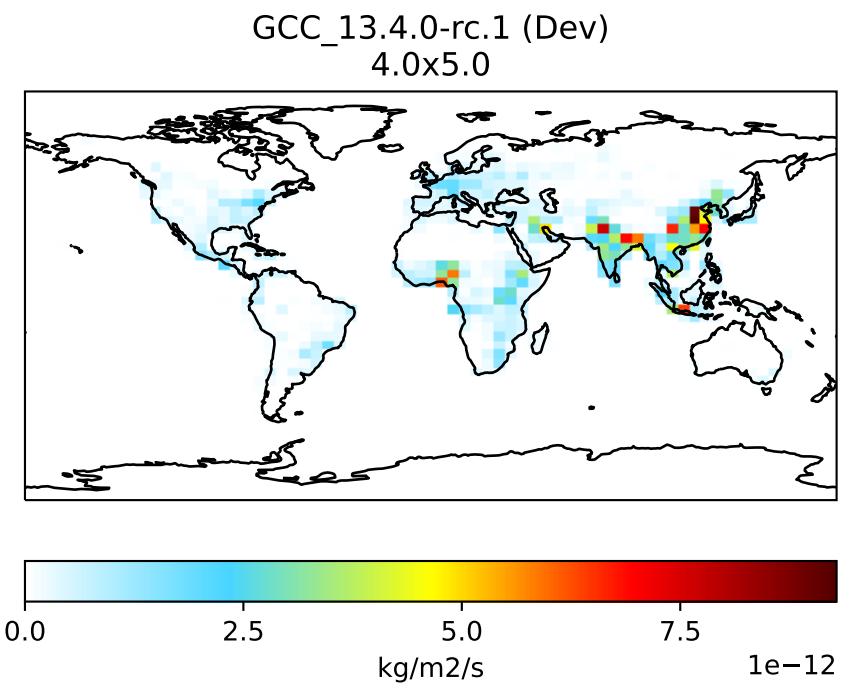
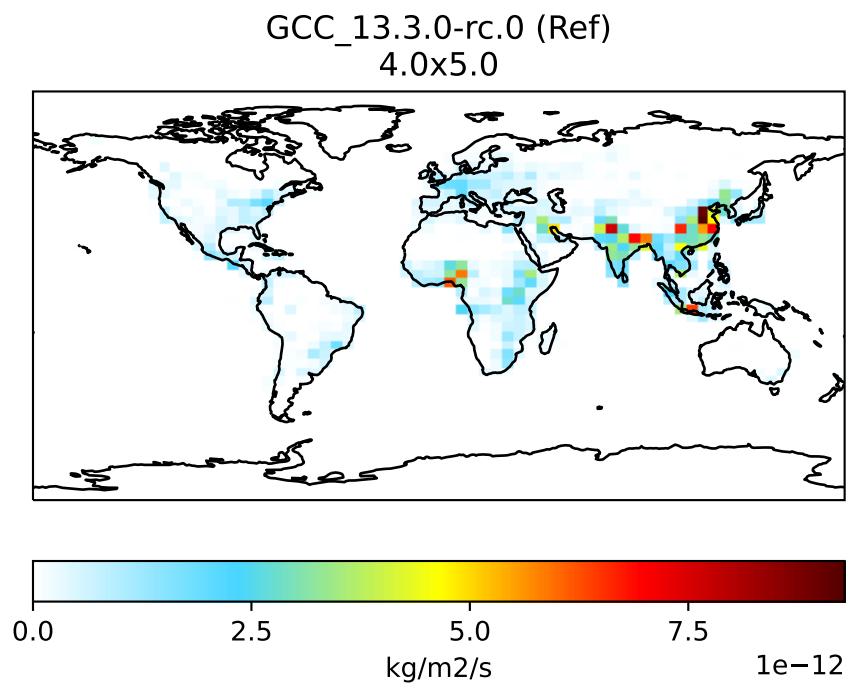
Ratio
Dev/Ref, Dynamic Range



Ratio
Dev/Ref, Fixed Range

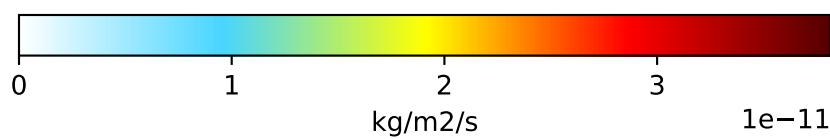
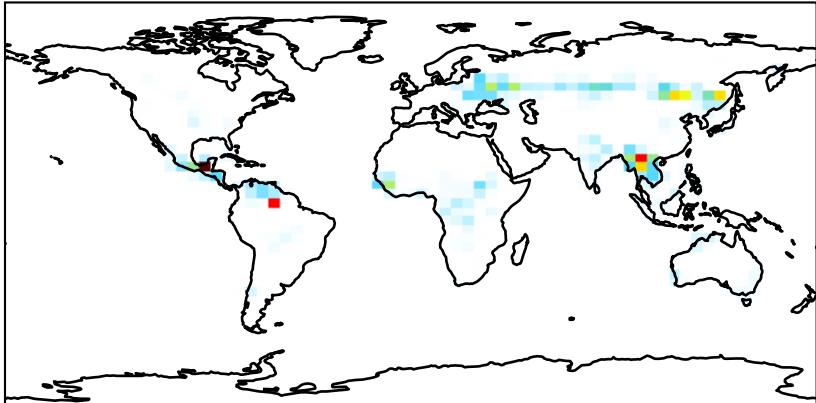


EmisMOH_Anthro (Apr2019)

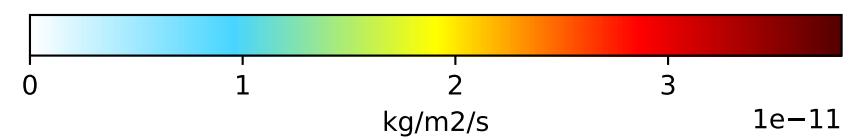
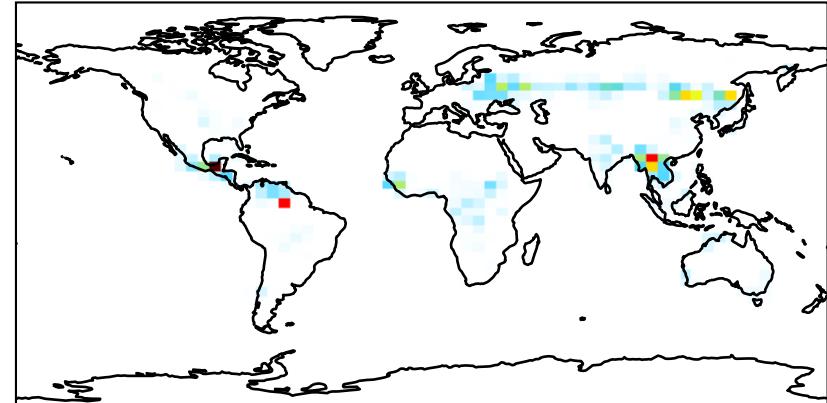


EmisMOH_BioBurn (Apr2019)

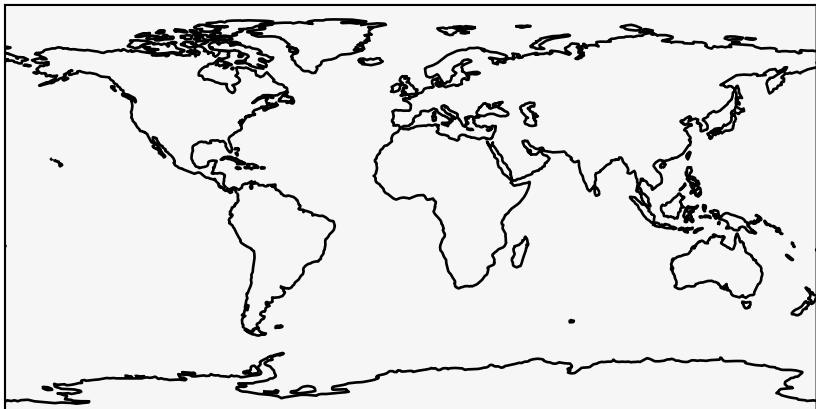
GCC_13.3.0-rc.0 (Ref)
4.0x5.0



GCC_13.4.0-rc.1 (Dev)
4.0x5.0

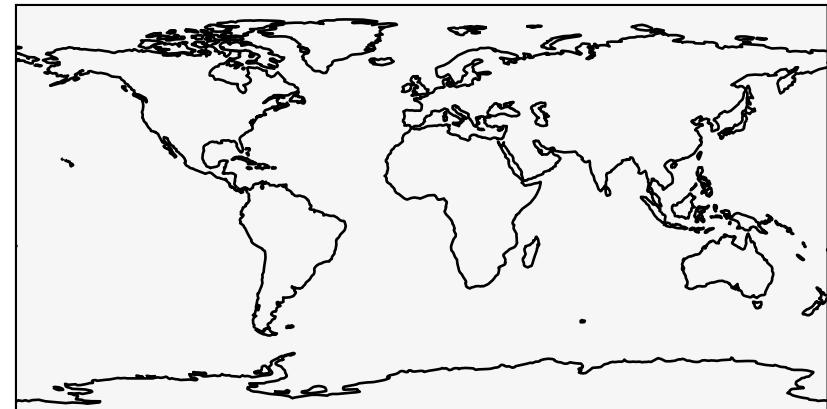


Difference
Dev - Ref, Dynamic Range



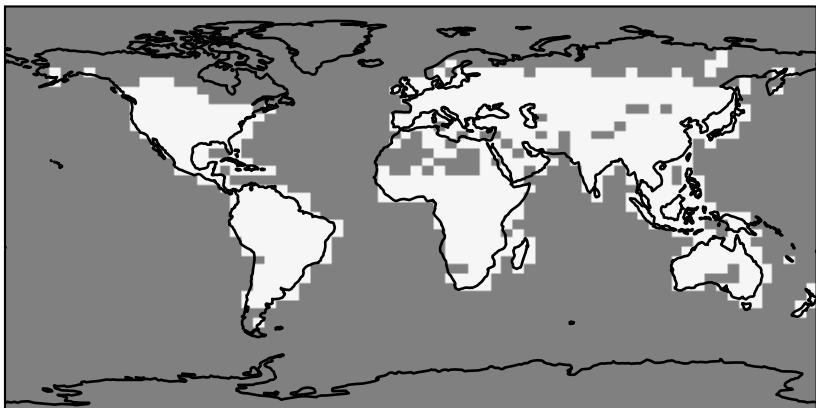
Zero throughout domain
kg/m²/s

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



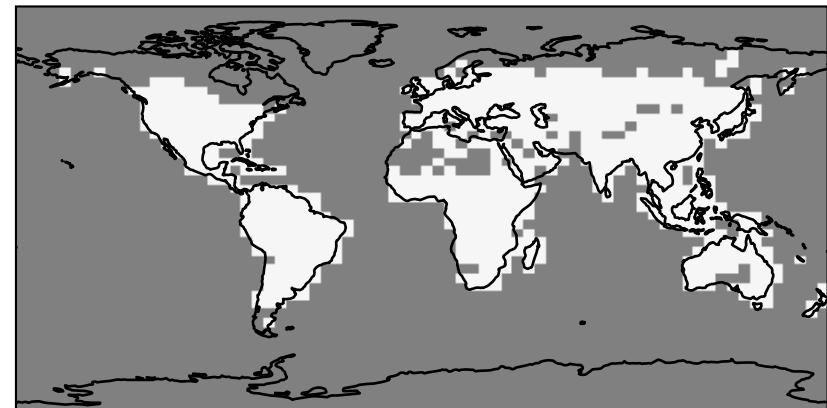
Zero throughout domain
kg/m²/s

Ratio
Dev/Ref, Dynamic Range



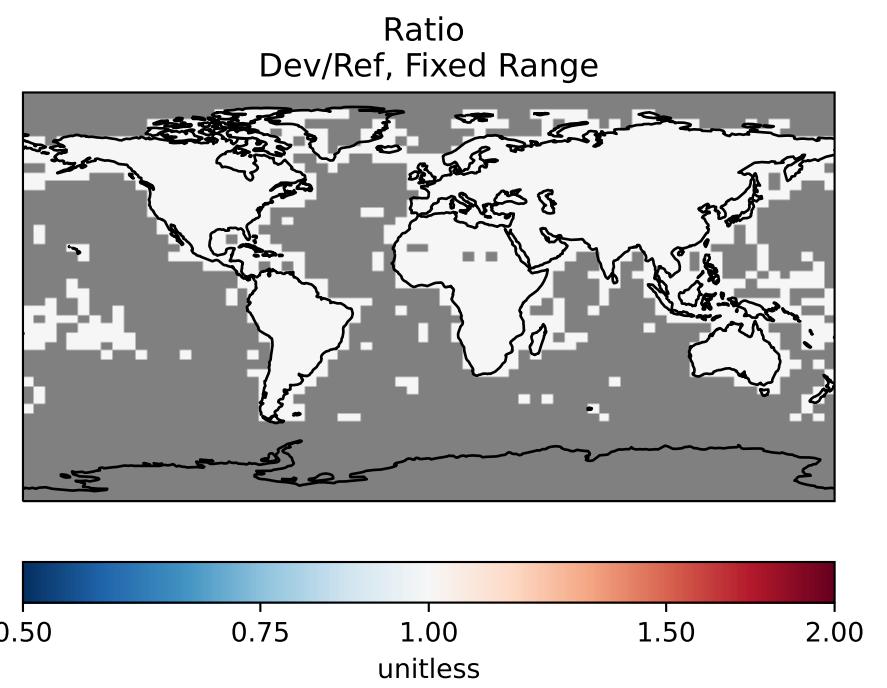
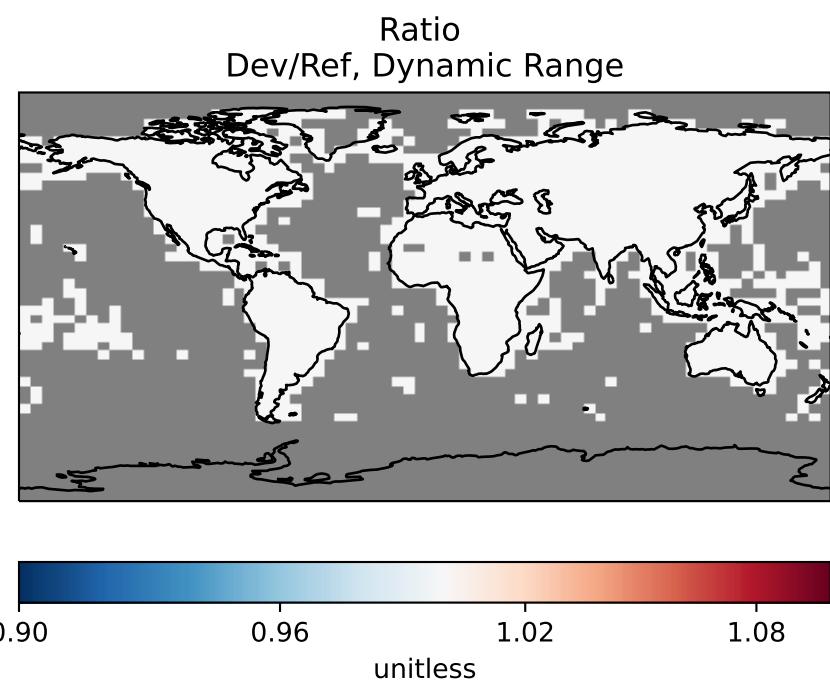
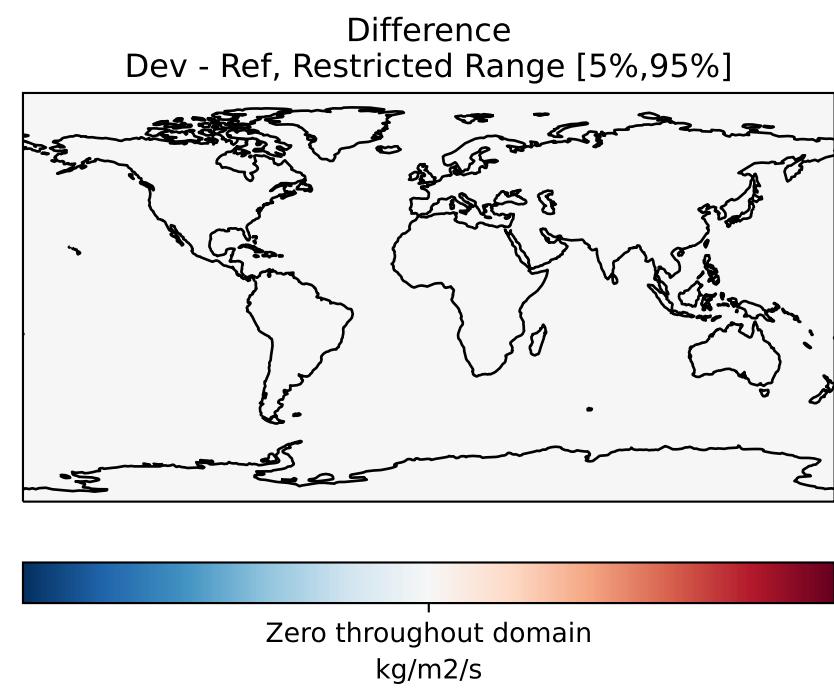
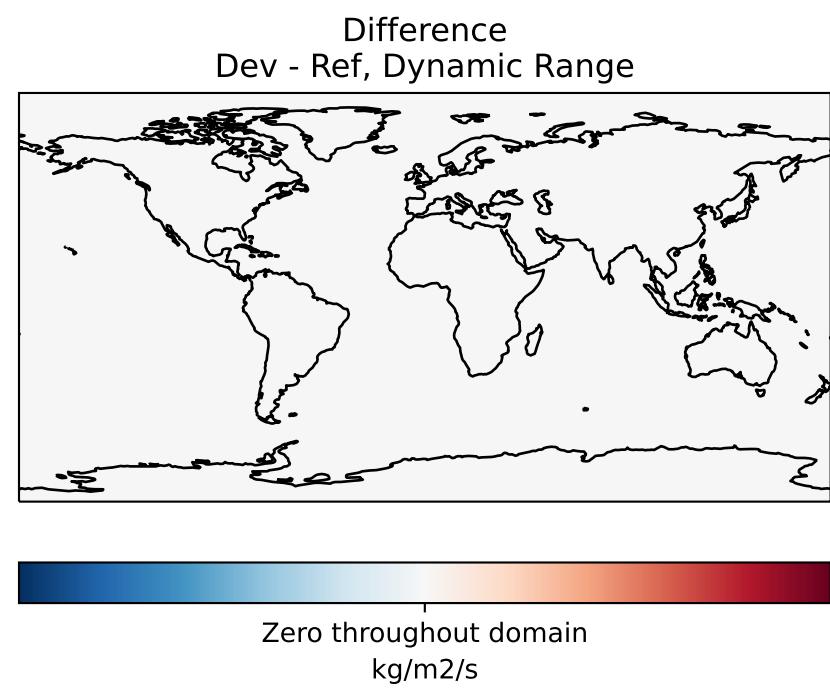
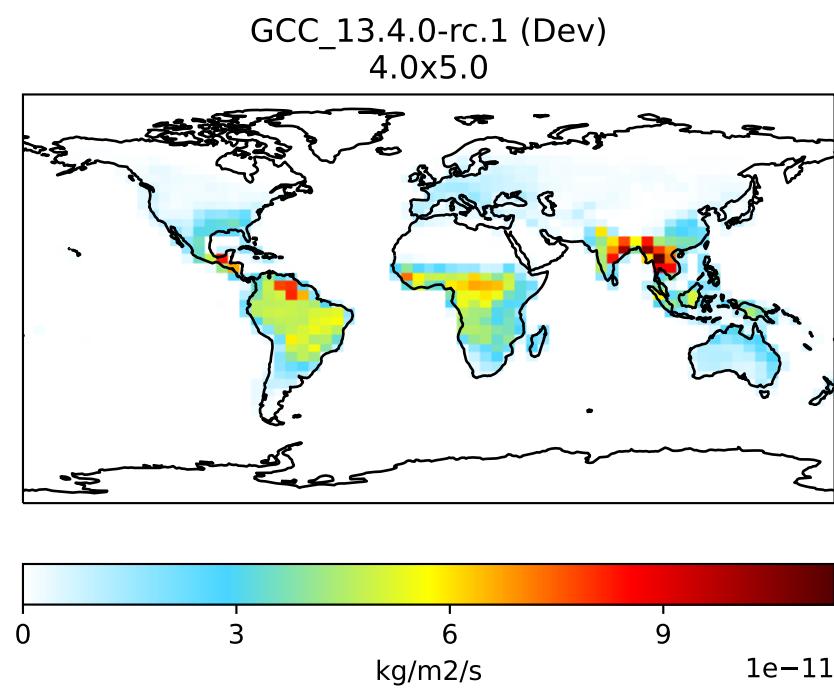
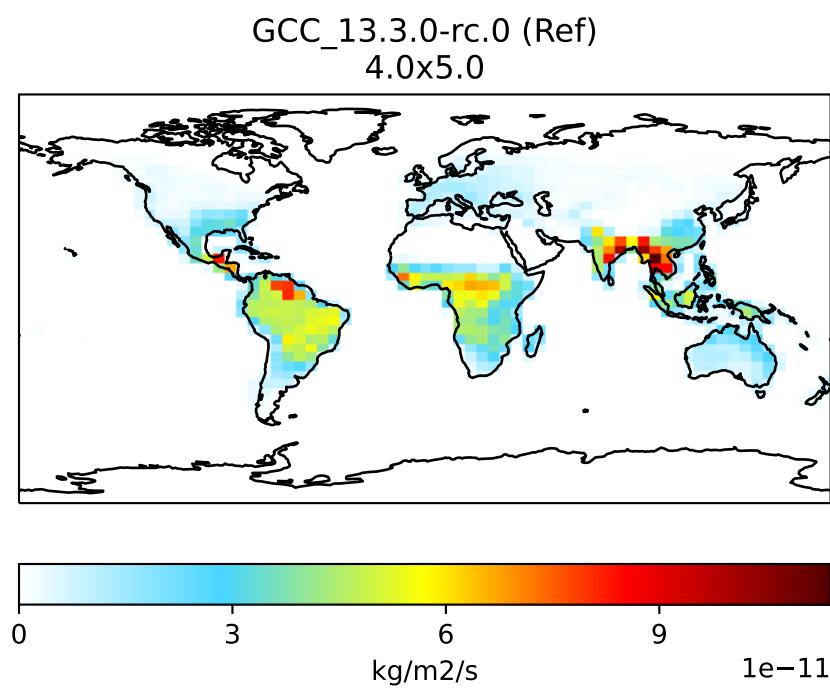
0.90 0.96 1.02 1.08
unitless

Ratio
Dev/Ref, Fixed Range

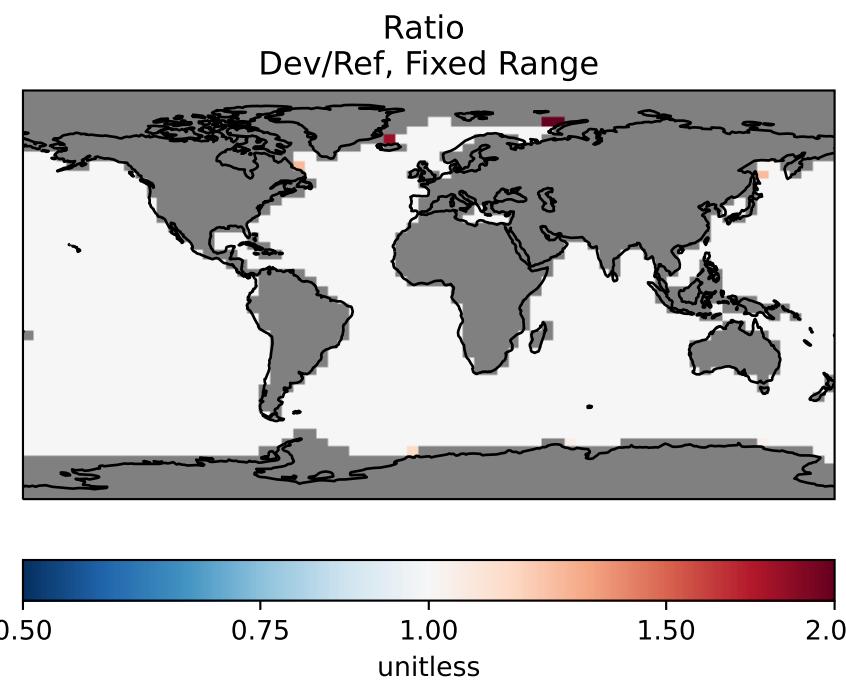
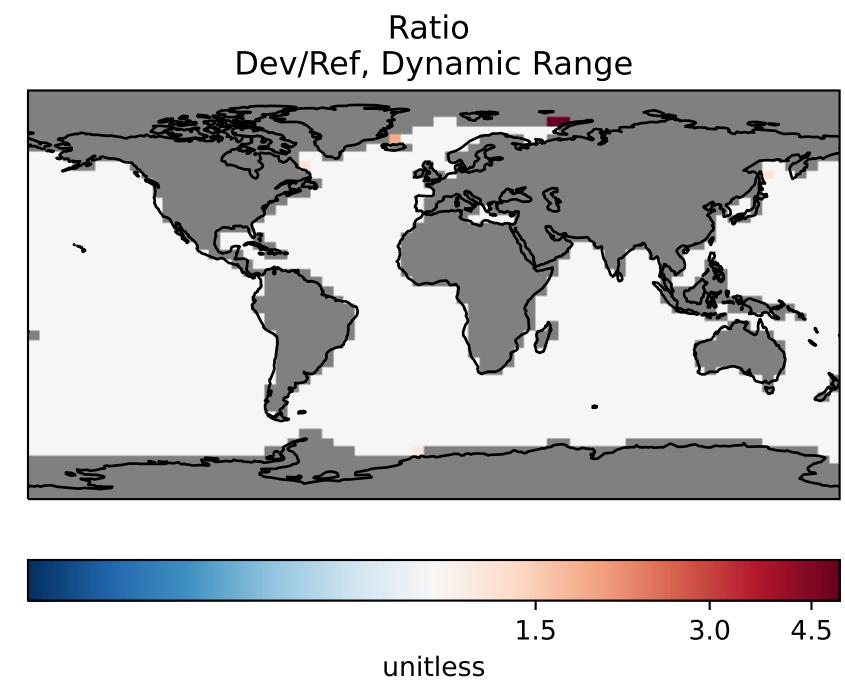
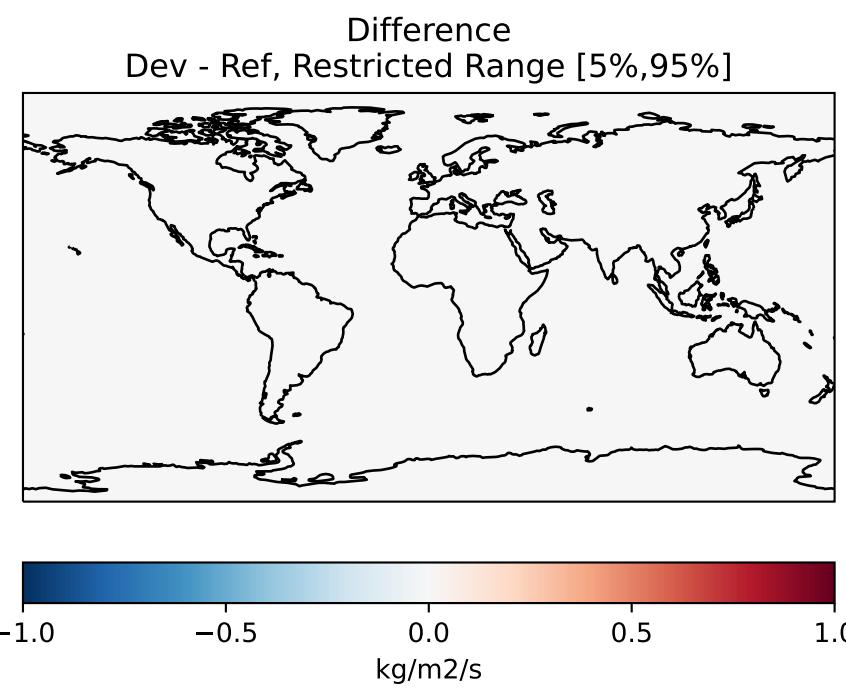
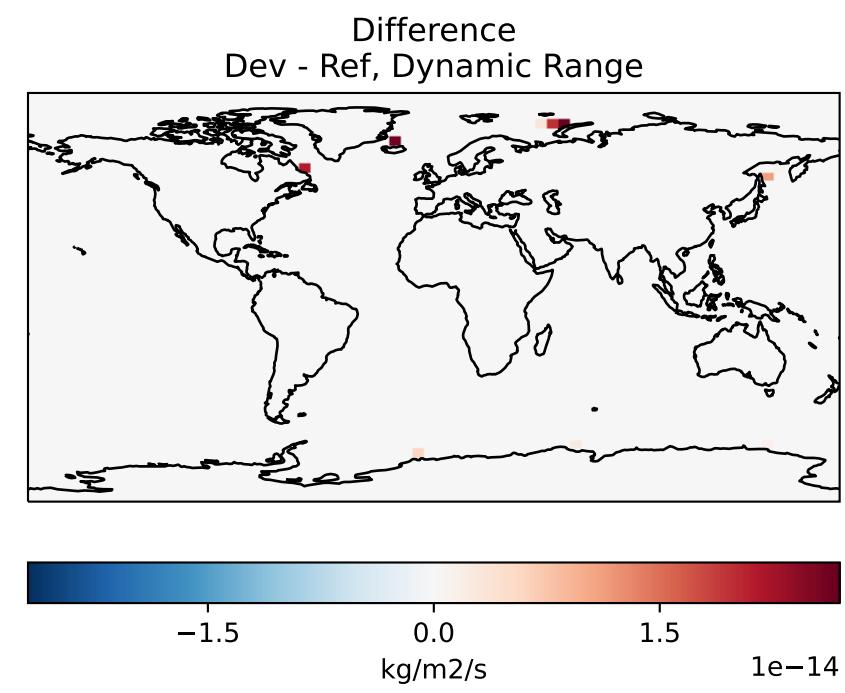
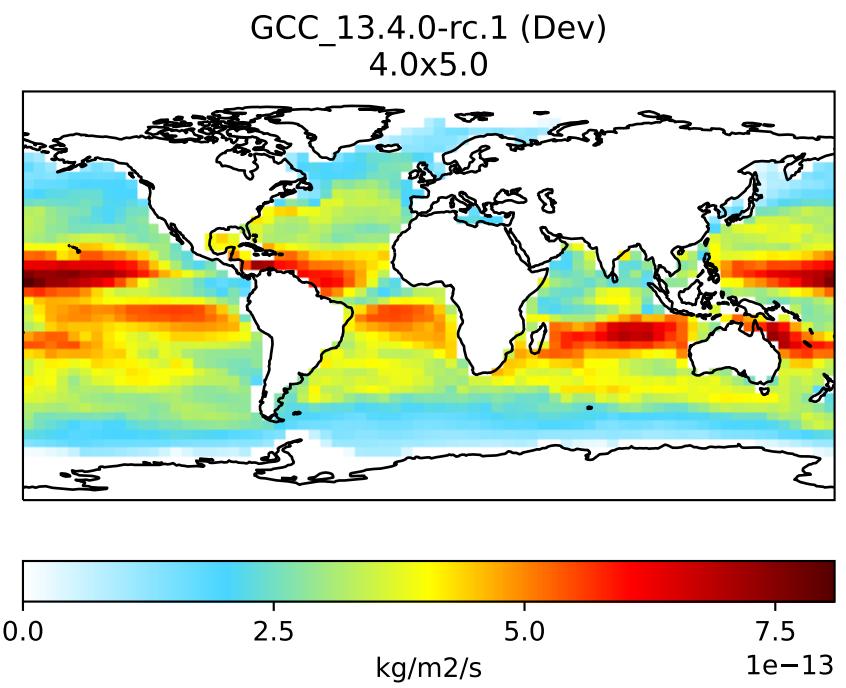
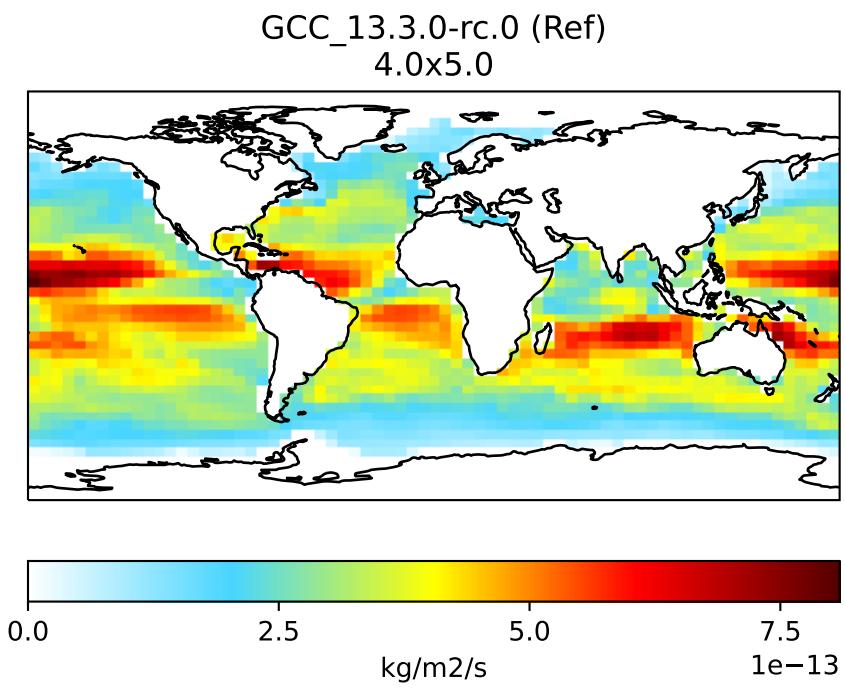


0.50 0.75 1.00 1.50 2.00
unitless

EmisMOH_Biogenic (Apr2019)

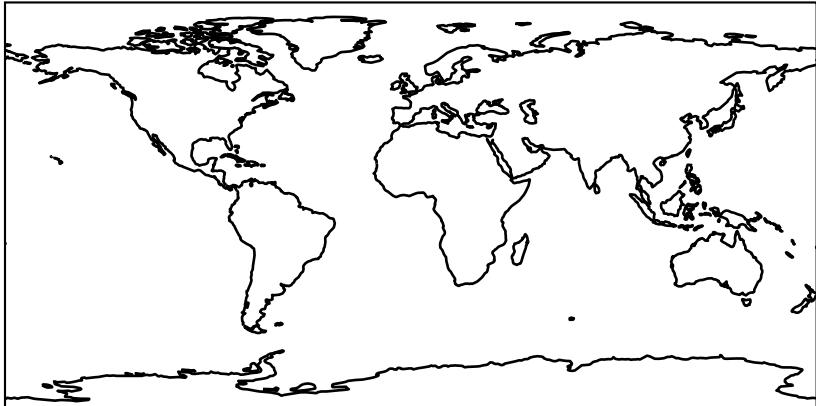


EmisMOH_Ocean (Apr2019)



EmisMOH_Ship (Apr2019)

GCC_13.3.0-rc.0 (Ref)
4.0x5.0



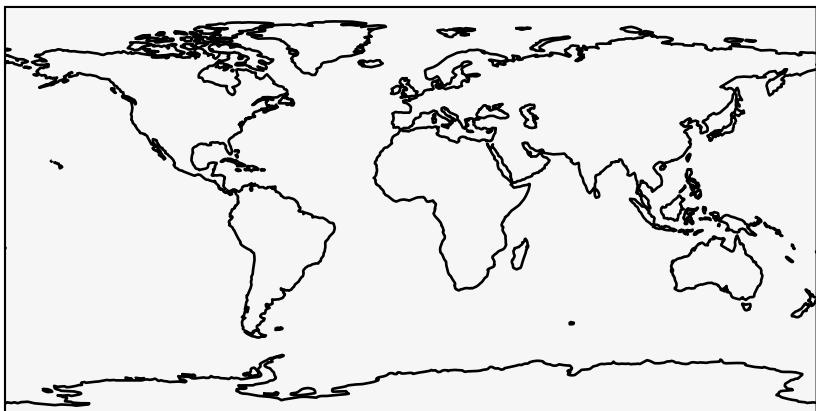
Zero throughout domain
kg/m²/s

GCC_13.4.0-rc.1 (Dev)
4.0x5.0



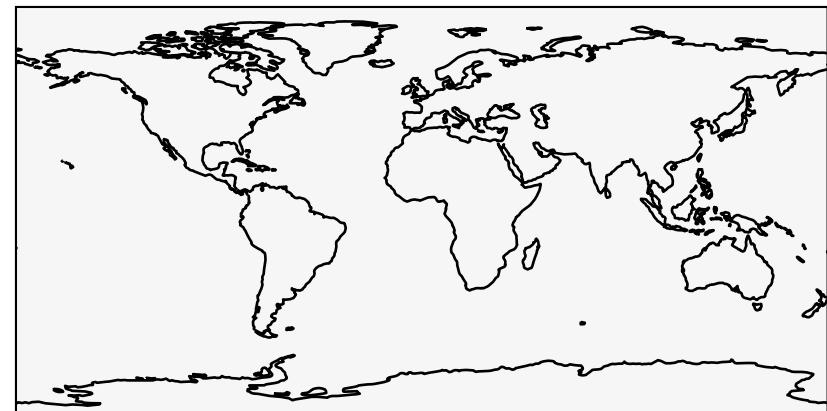
Zero throughout domain
kg/m²/s

Difference
Dev - Ref, Dynamic Range



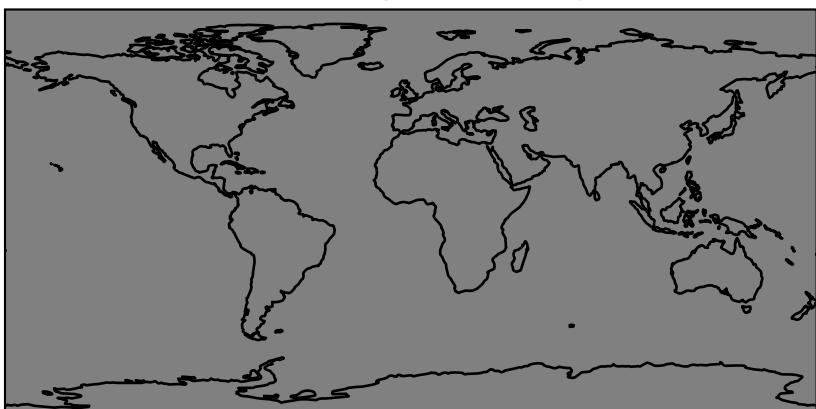
Zero throughout domain
kg/m²/s

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



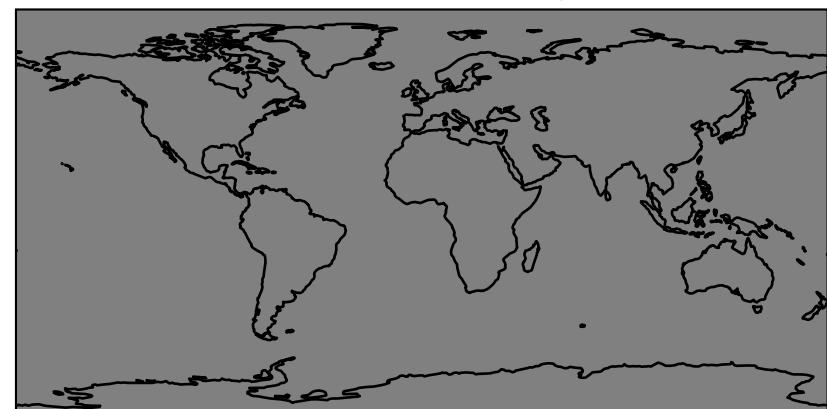
Zero throughout domain
kg/m²/s

Ratio
Dev/Ref, Dynamic Range



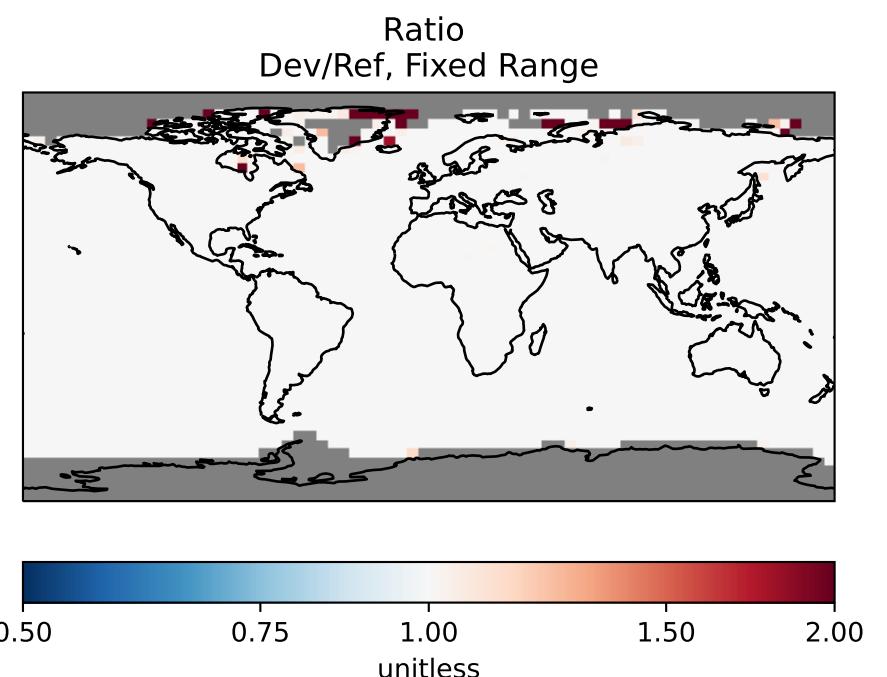
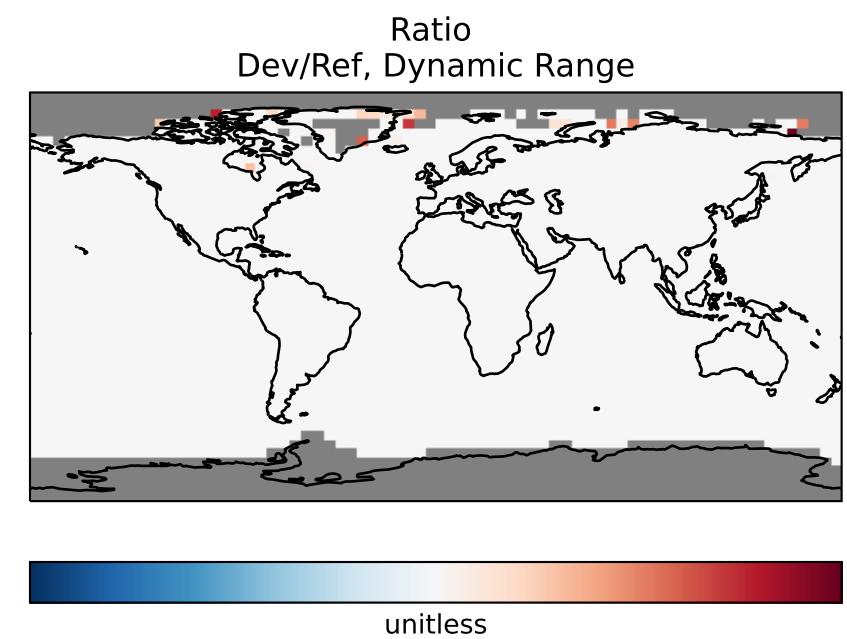
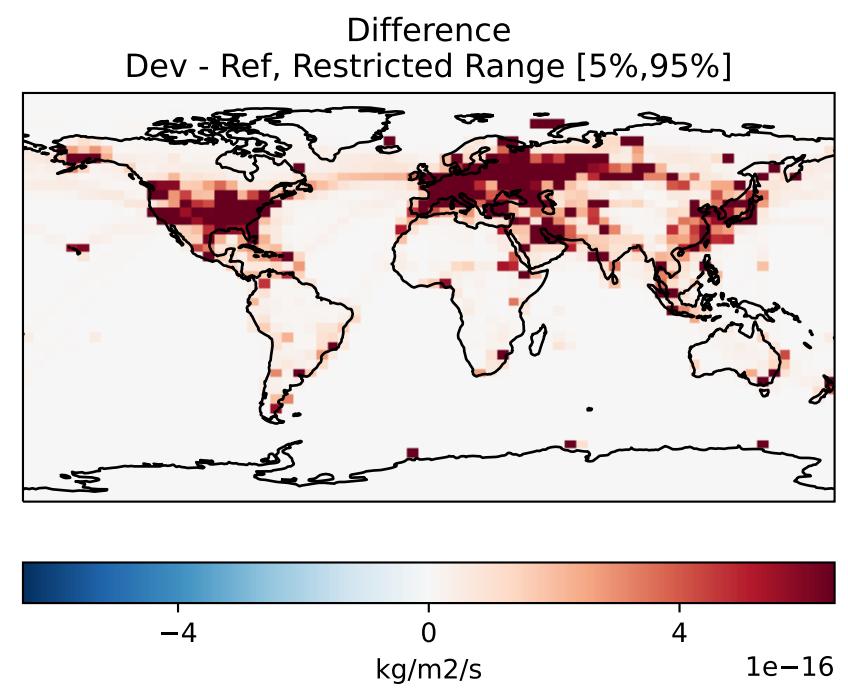
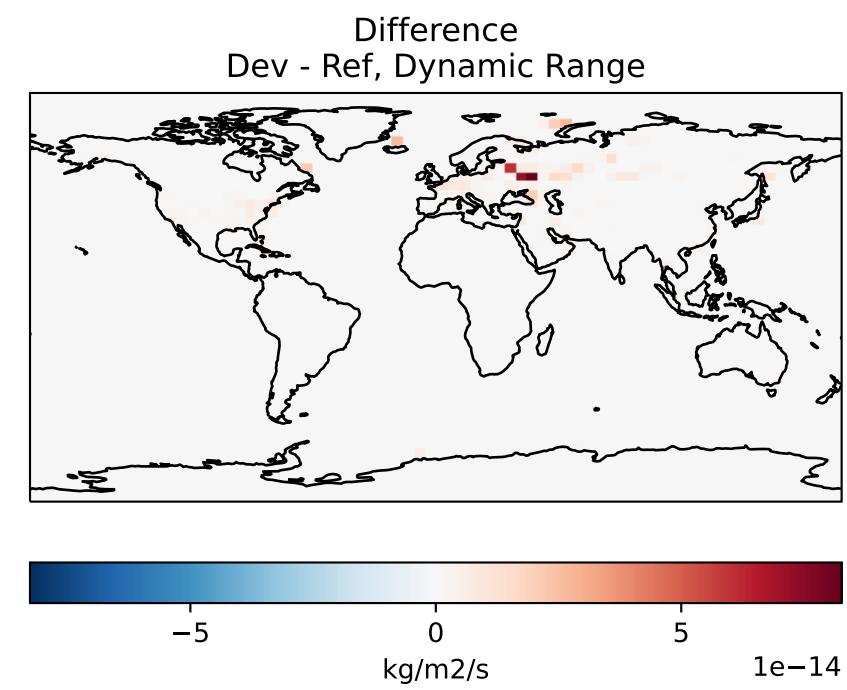
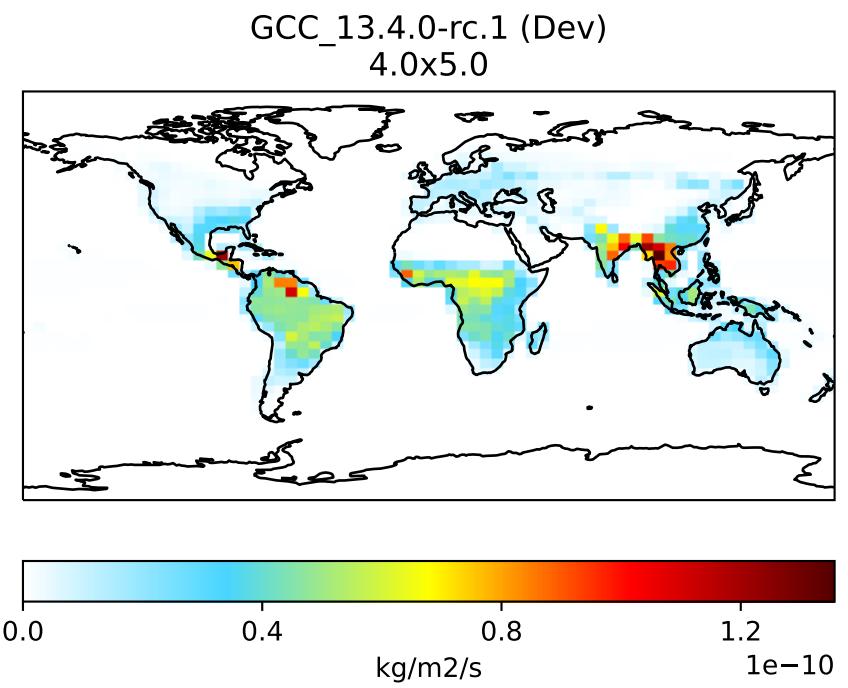
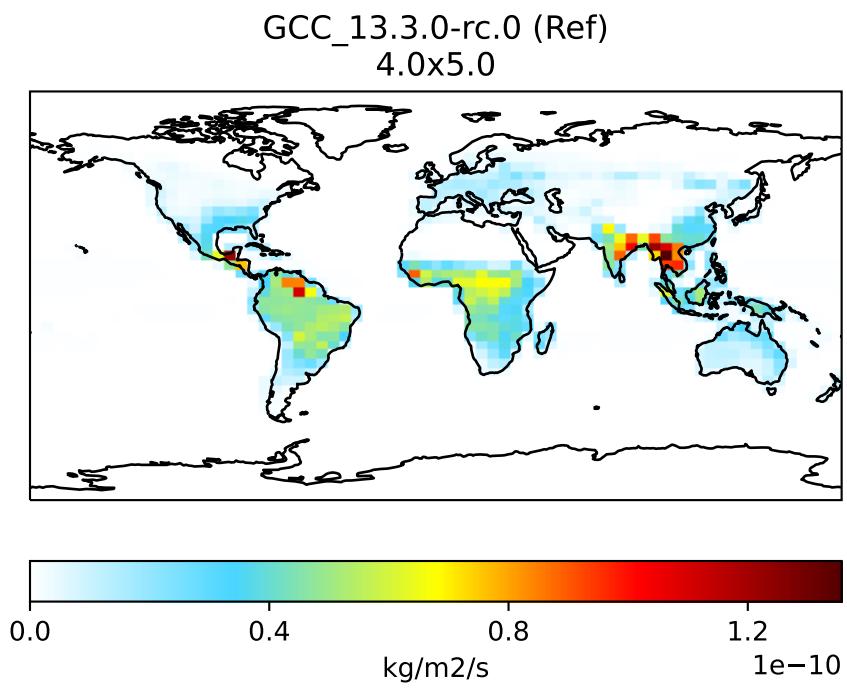
Undefined throughout domain
unitless

Ratio
Dev/Ref, Fixed Range



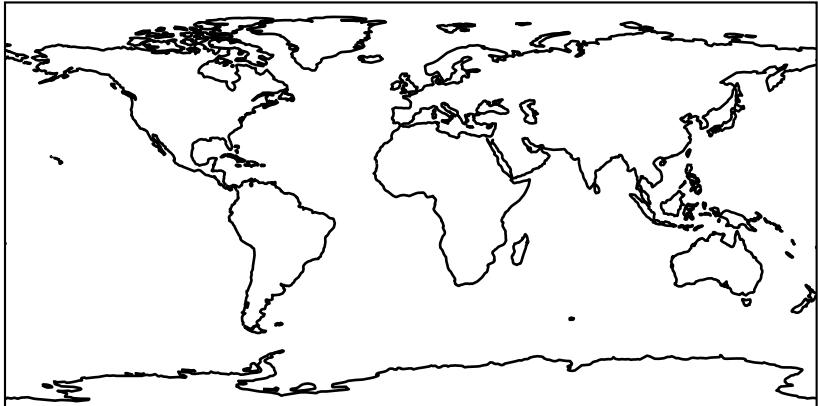
Undefined throughout domain
unitless

EmisMOH_Total (Apr2019)



EmisISOP_Anthro (Apr2019)

GCC_13.3.0-rc.0 (Ref)
4.0x5.0



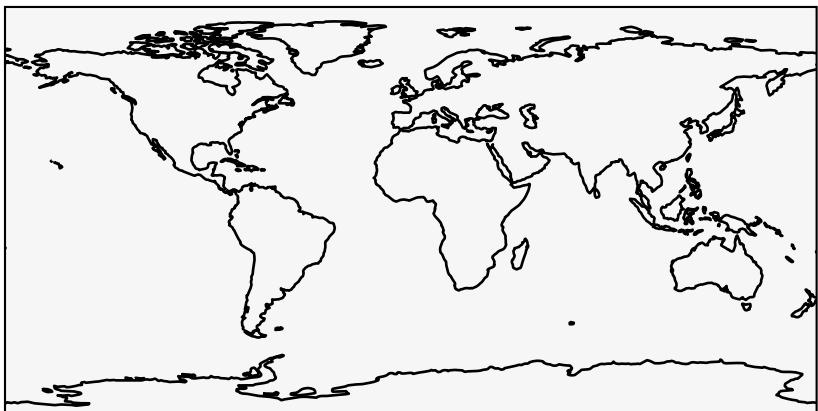
Zero throughout domain
kg/m²/s

GCC_13.4.0-rc.1 (Dev)
4.0x5.0



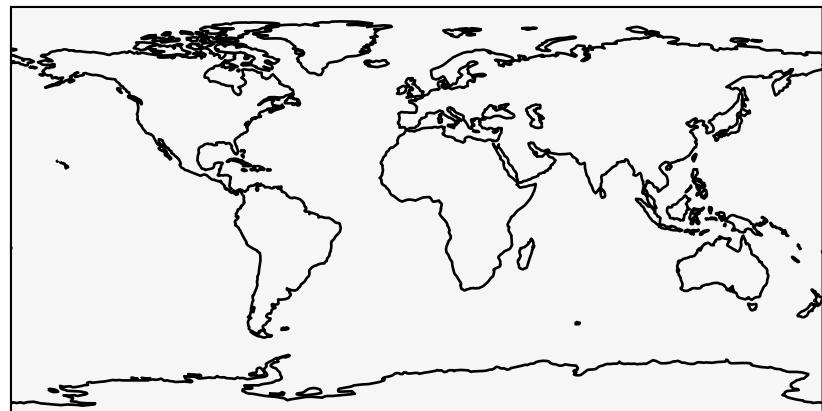
Zero throughout domain
kg/m²/s

Difference
Dev - Ref, Dynamic Range



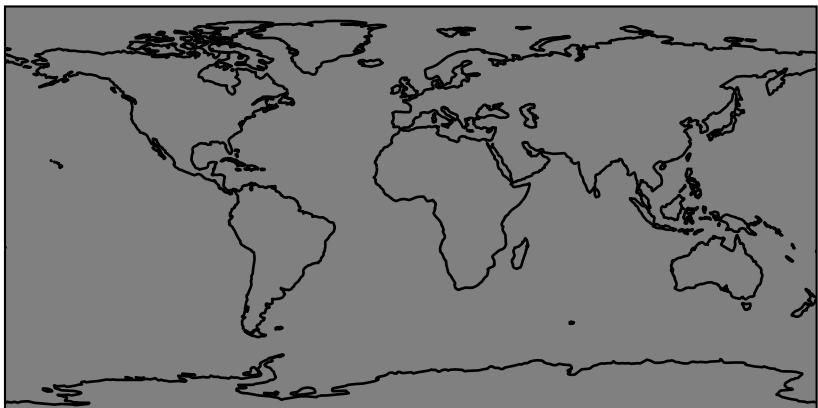
Zero throughout domain
kg/m²/s

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



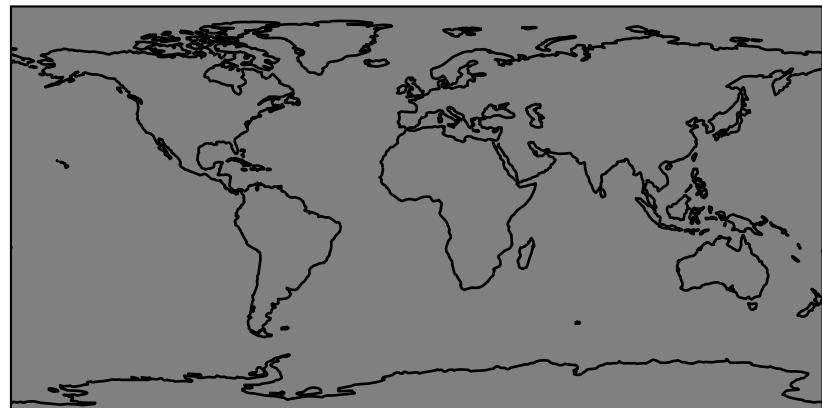
Zero throughout domain
kg/m²/s

Ratio
Dev/Ref, Dynamic Range



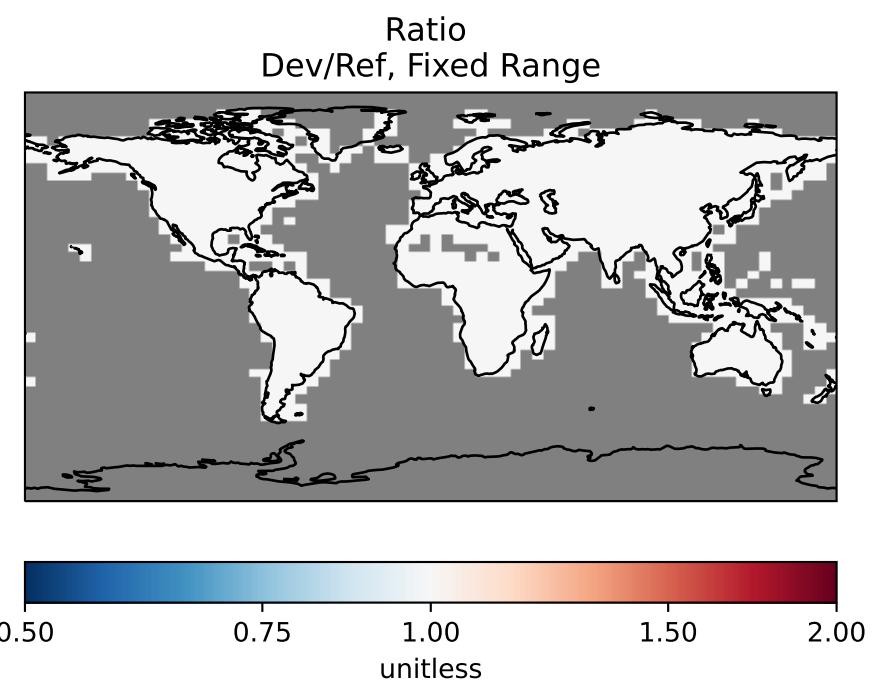
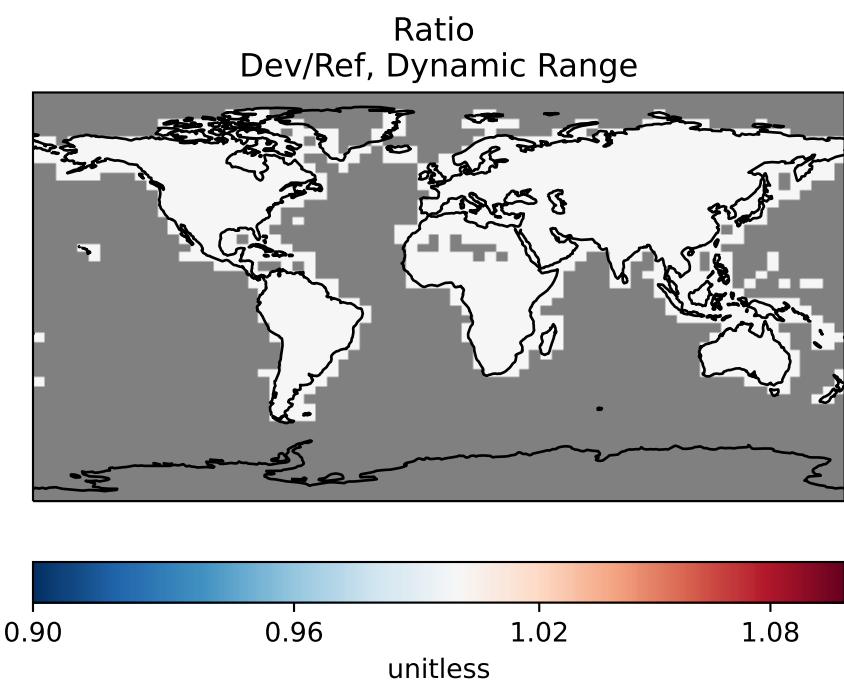
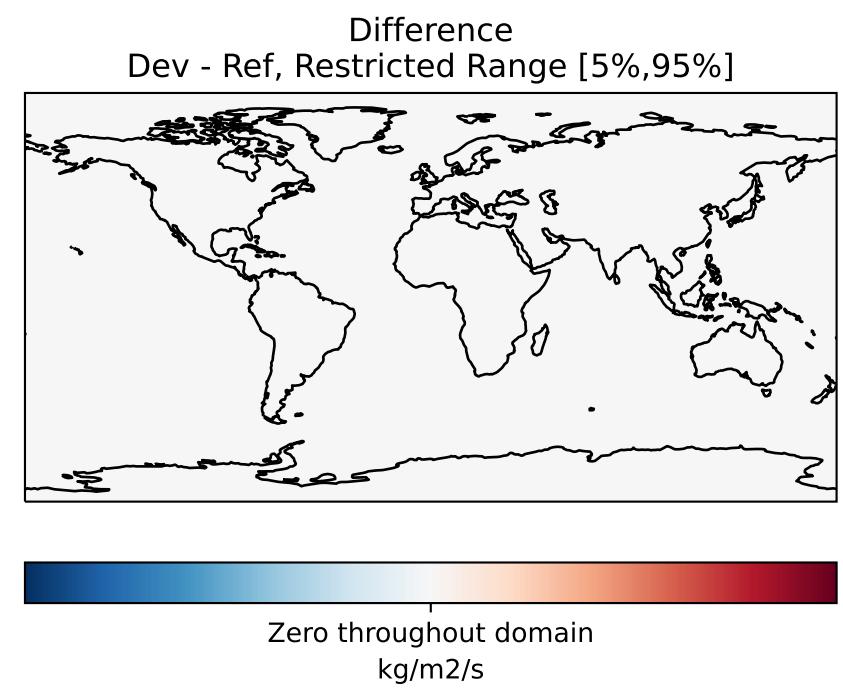
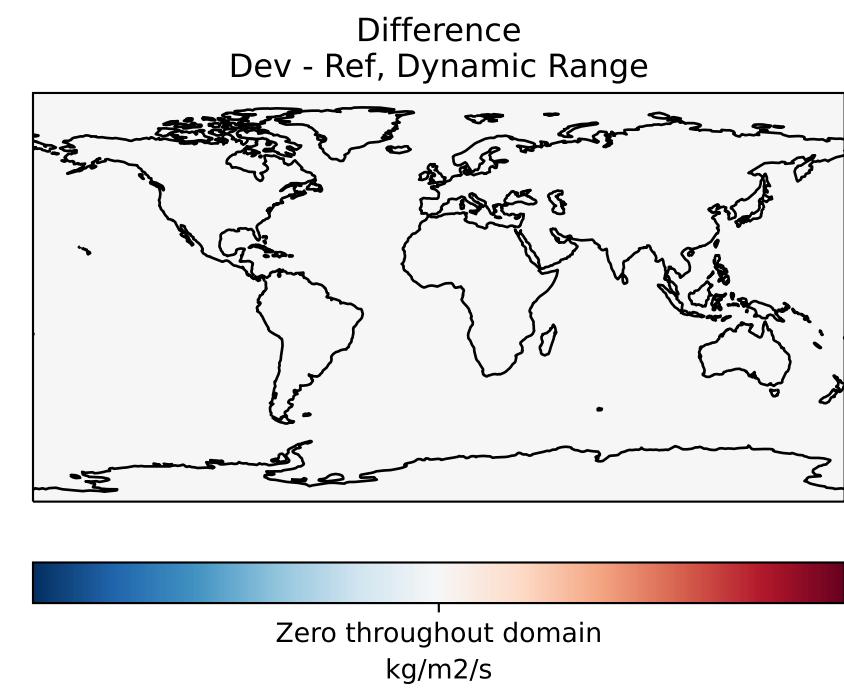
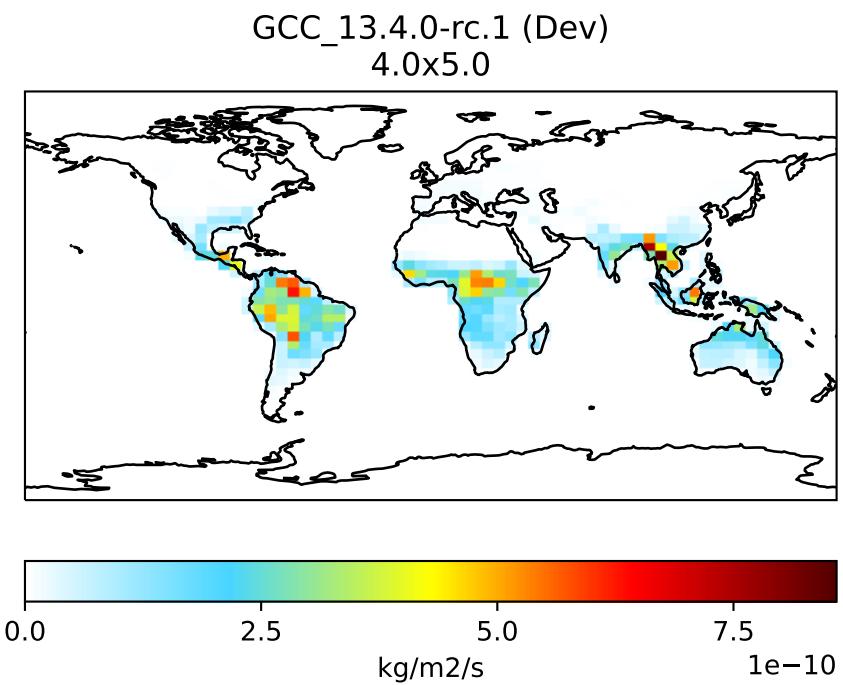
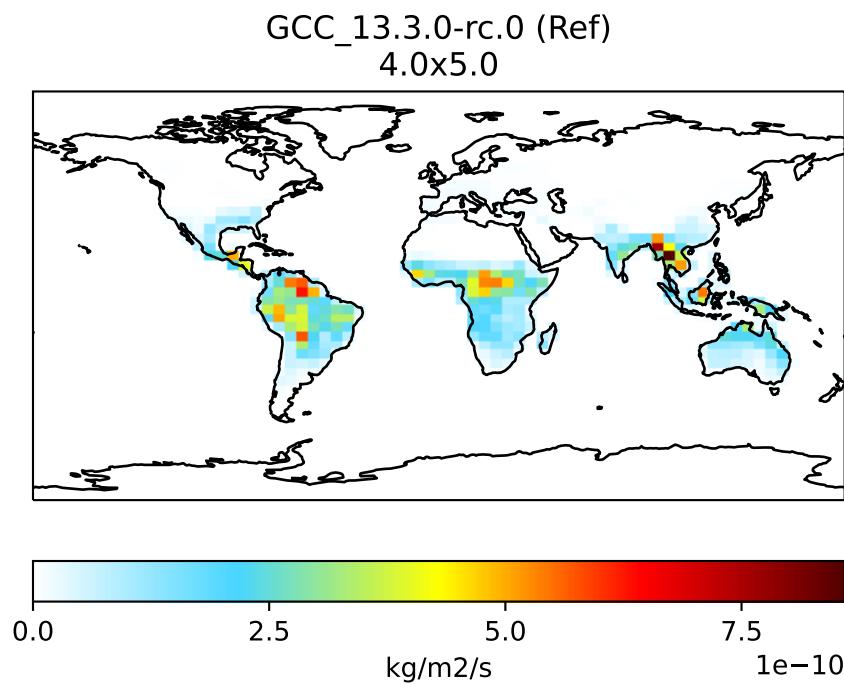
Undefined throughout domain
unitless

Ratio
Dev/Ref, Fixed Range



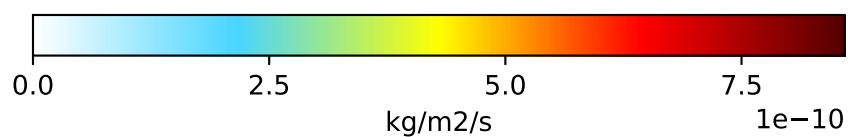
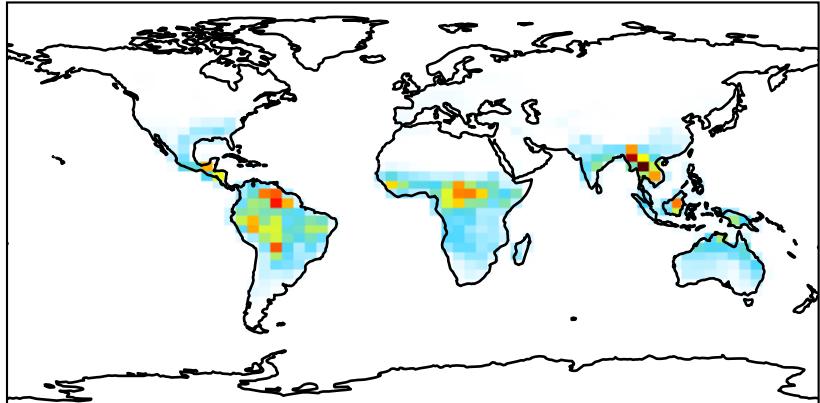
Undefined throughout domain
unitless

EmisISOP_Biogenic (Apr2019)

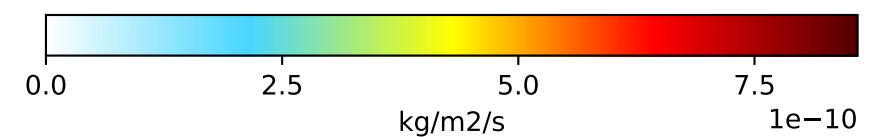
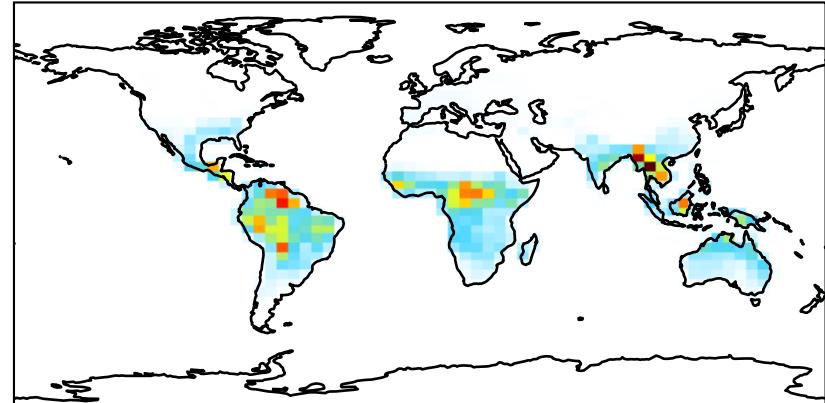


EmisISOP_Total (Apr2019)

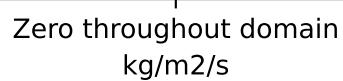
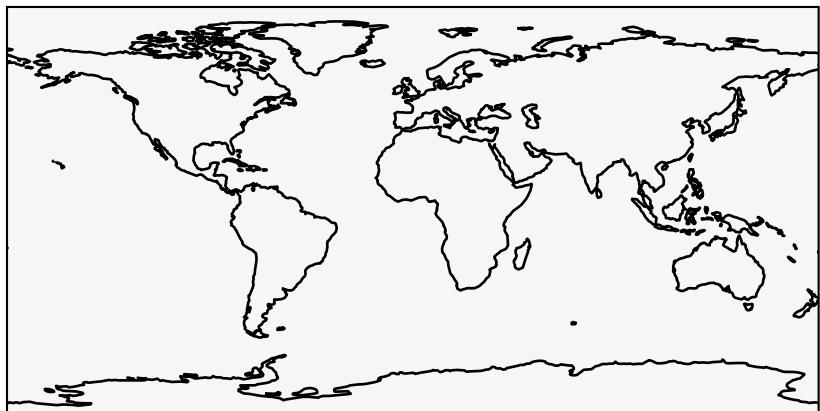
GCC_13.3.0-rc.0 (Ref)
4.0x5.0



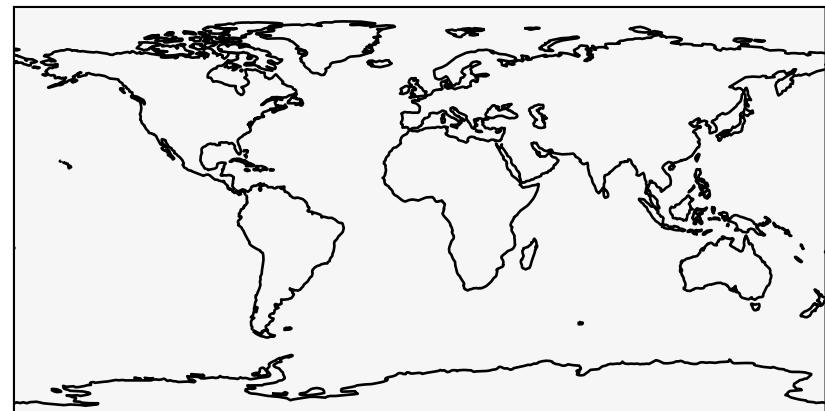
GCC_13.4.0-rc.1 (Dev)
4.0x5.0



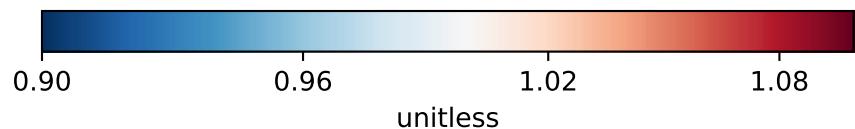
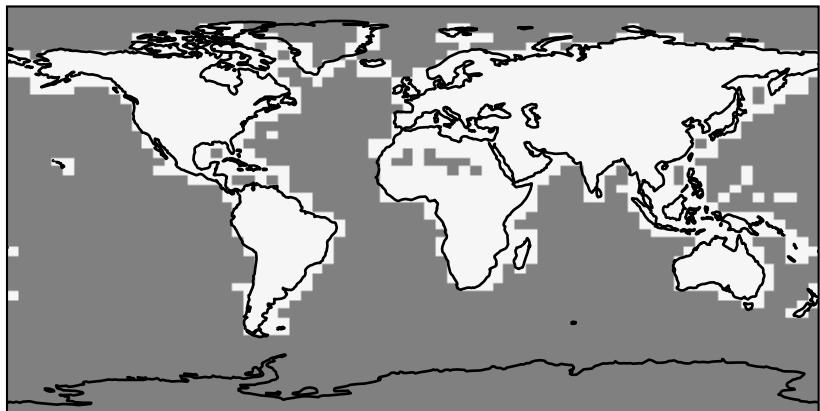
Difference
Dev - Ref, Dynamic Range



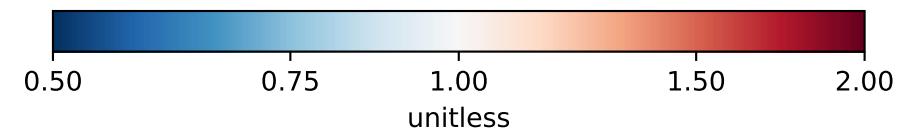
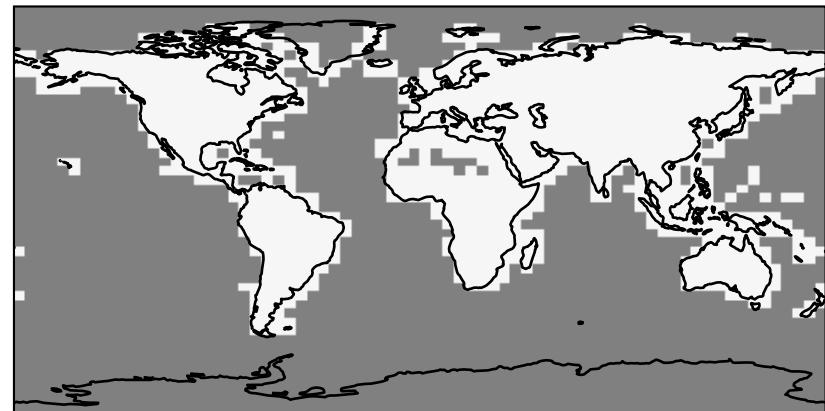
Difference
Dev - Ref, Restricted Range [5%, 95%]



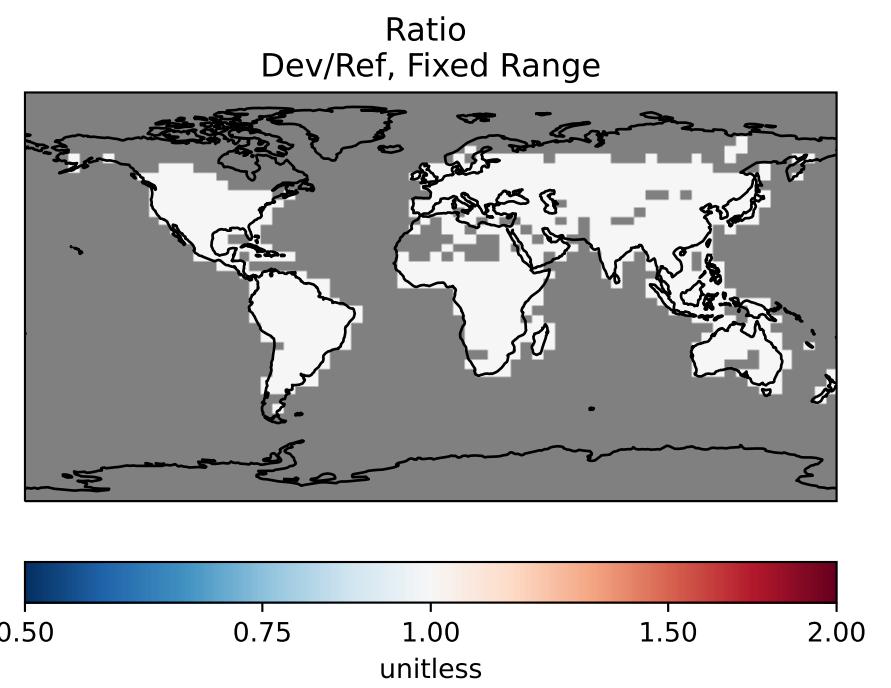
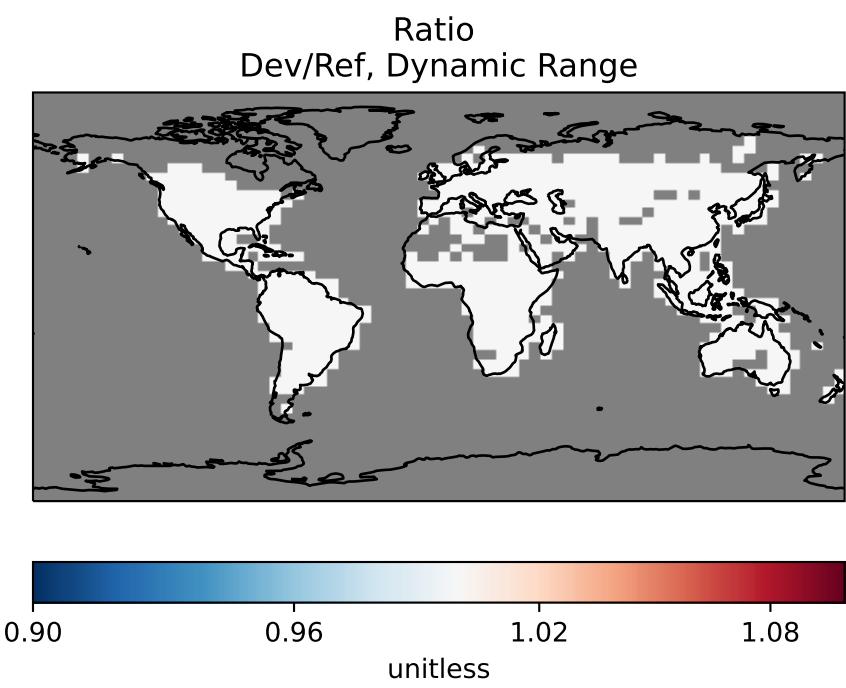
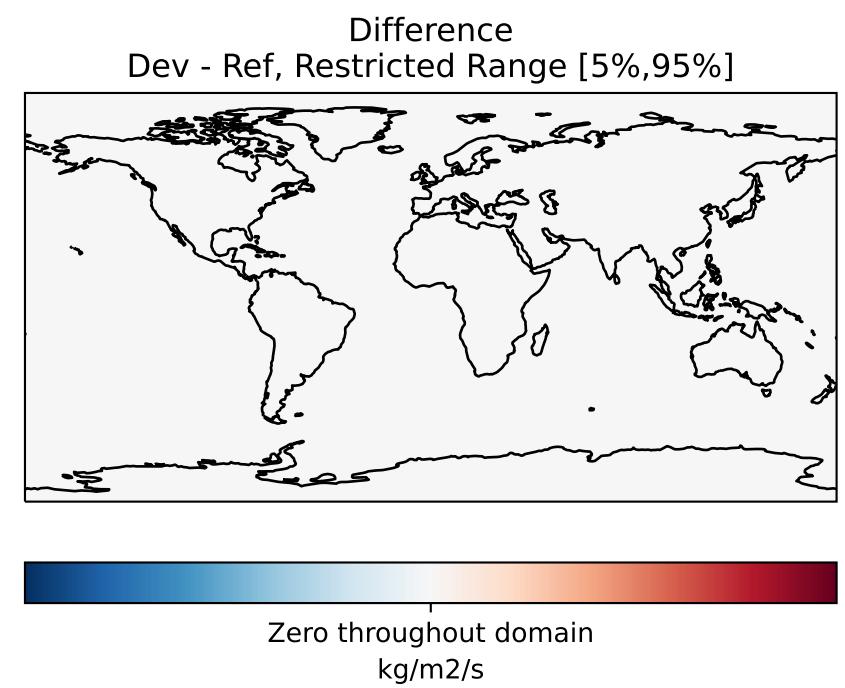
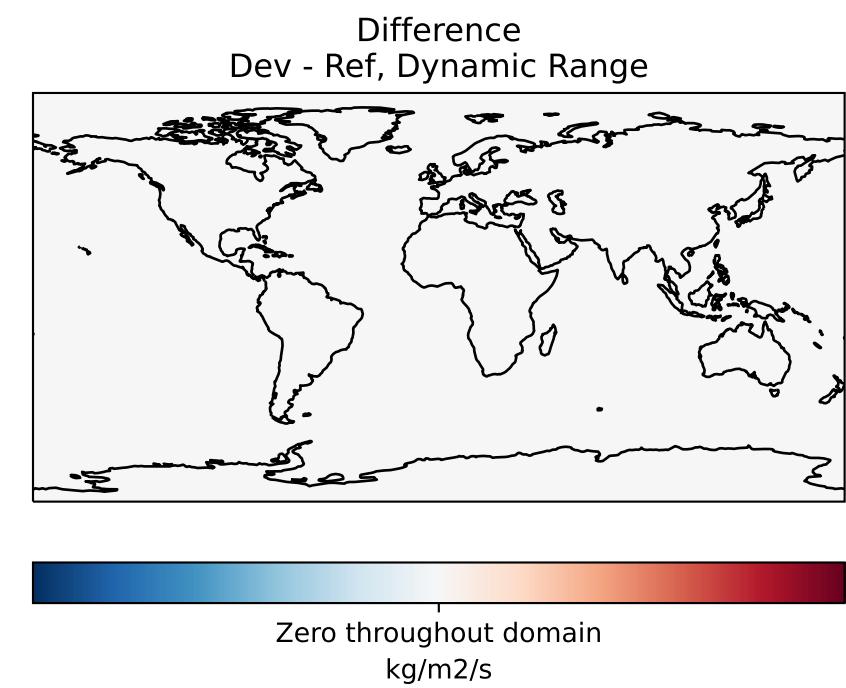
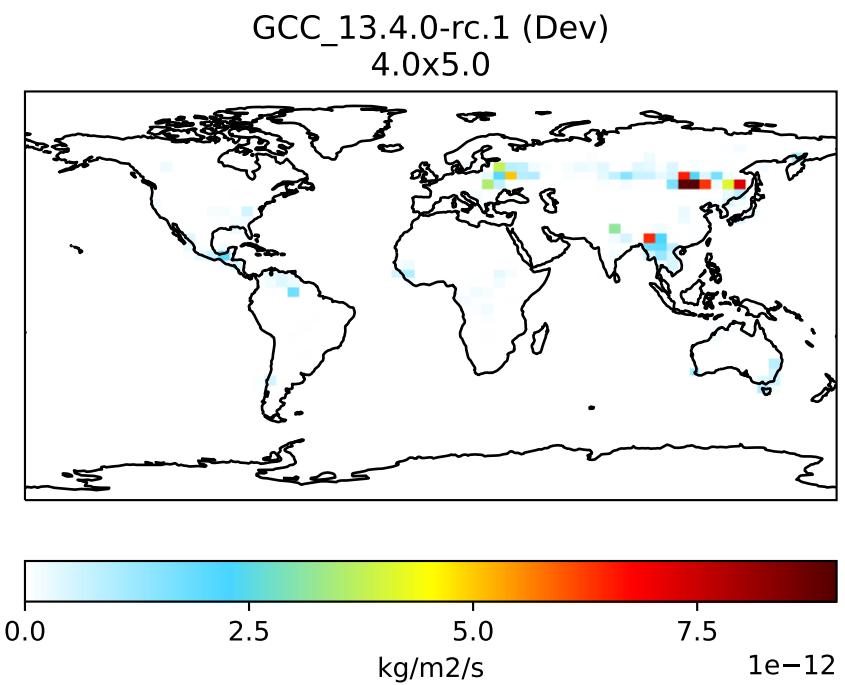
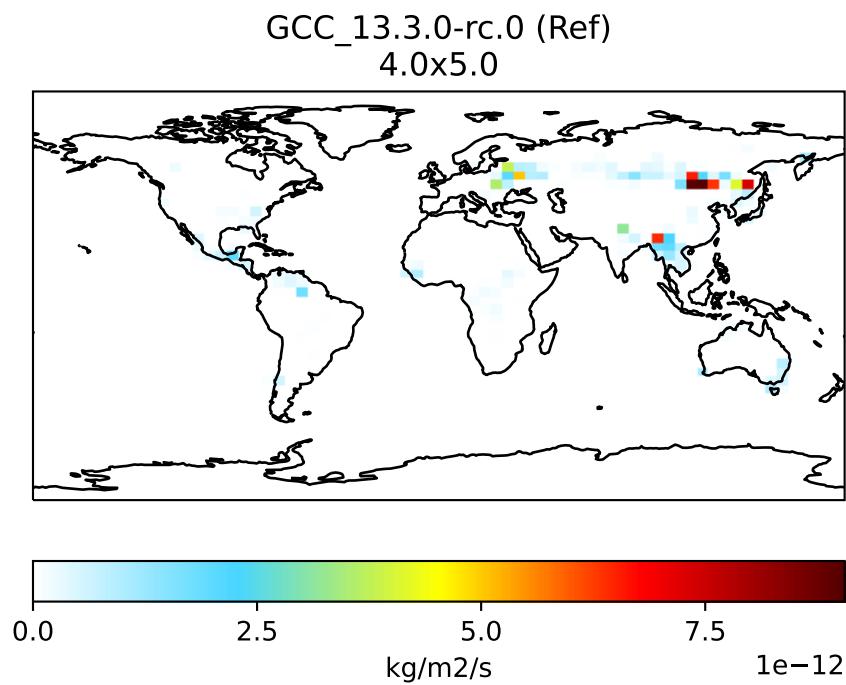
Ratio
Dev/Ref, Dynamic Range



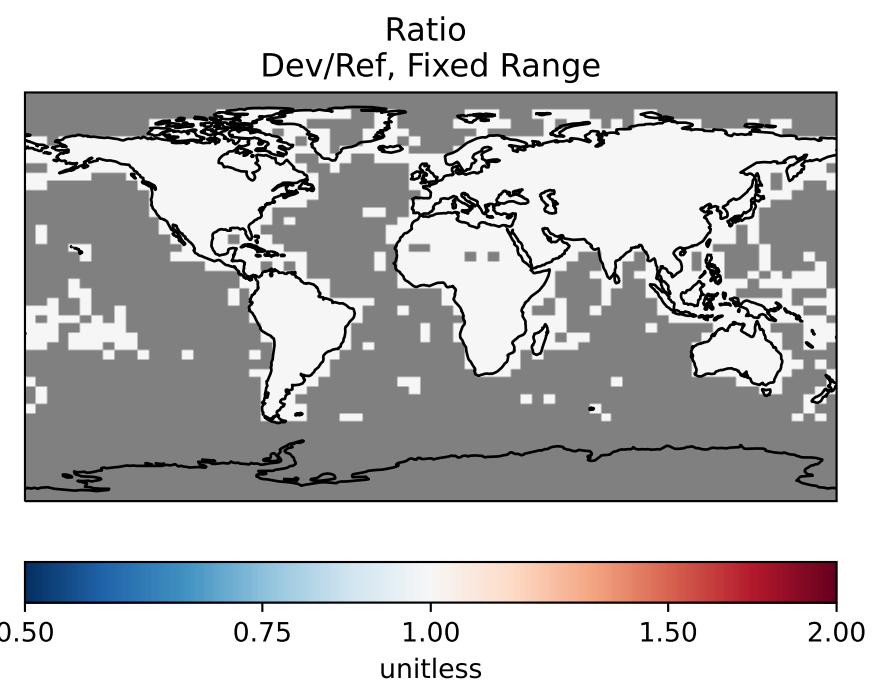
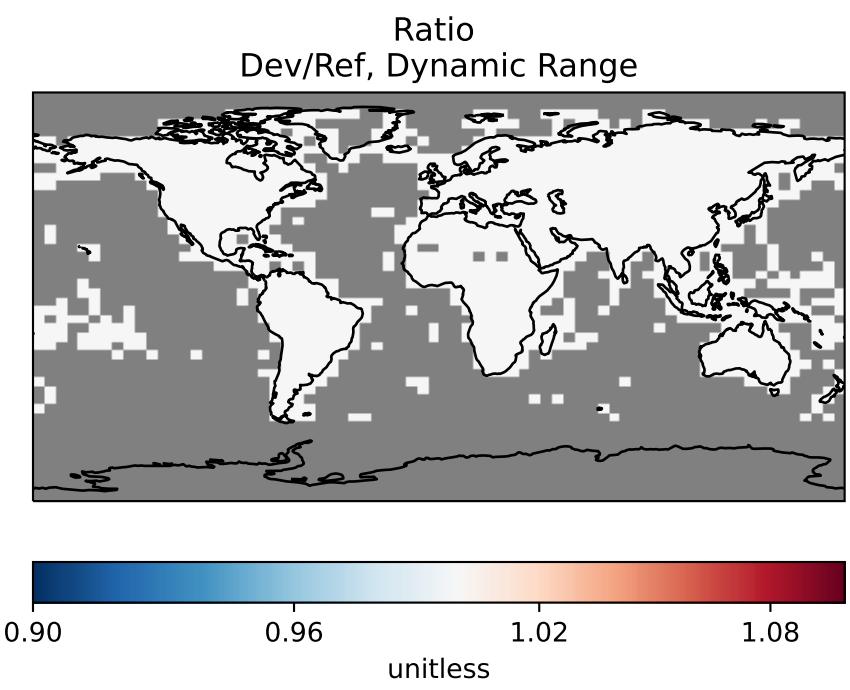
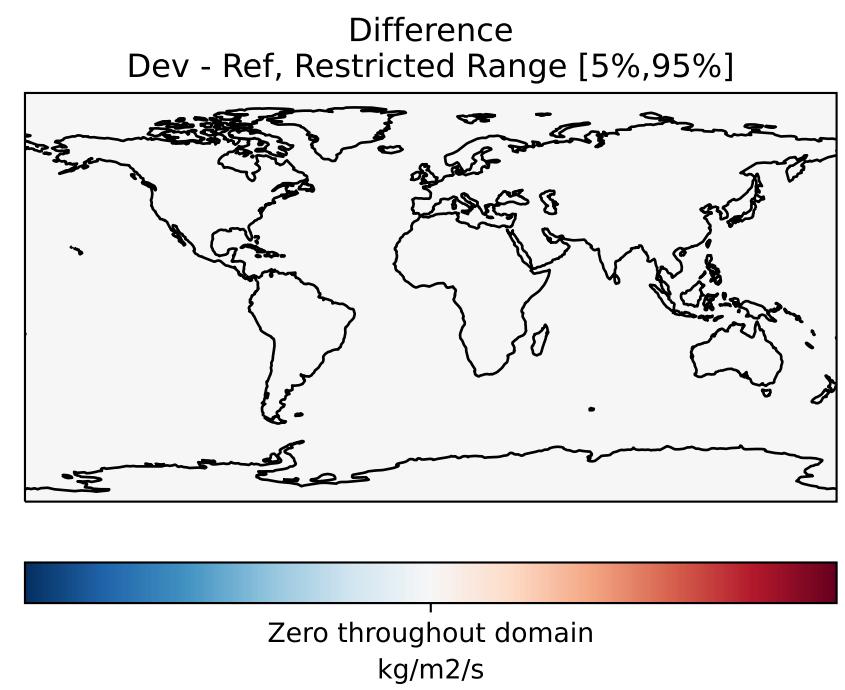
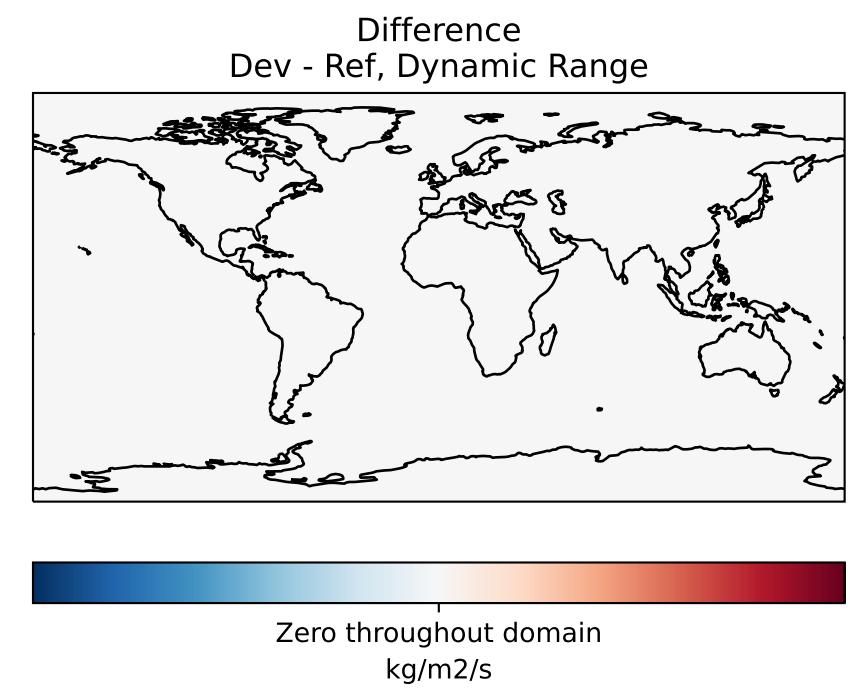
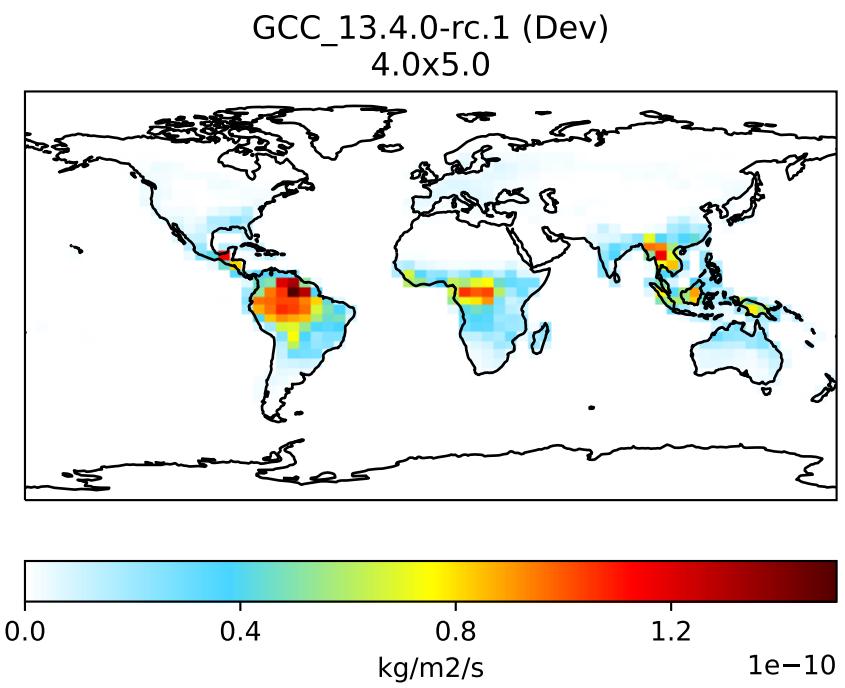
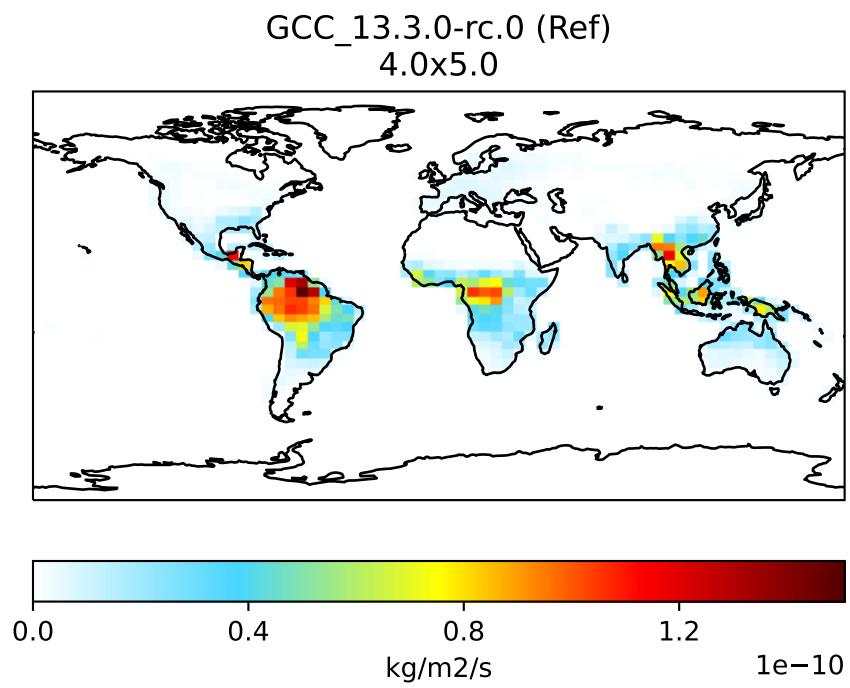
Ratio
Dev/Ref, Fixed Range



EmisMTPA_BioBurn (Apr2019)

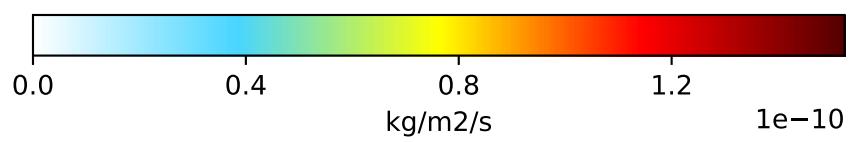
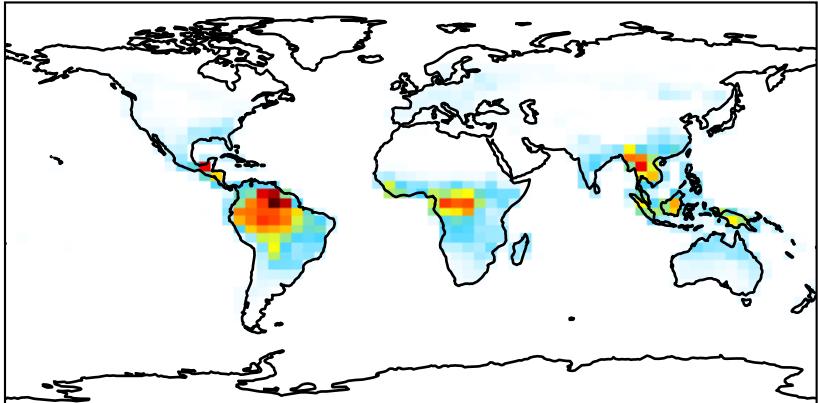


EmisMTPA_Biogenic (Apr2019)

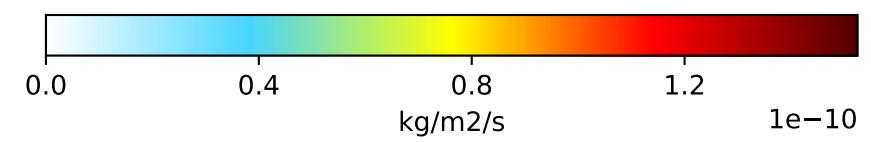
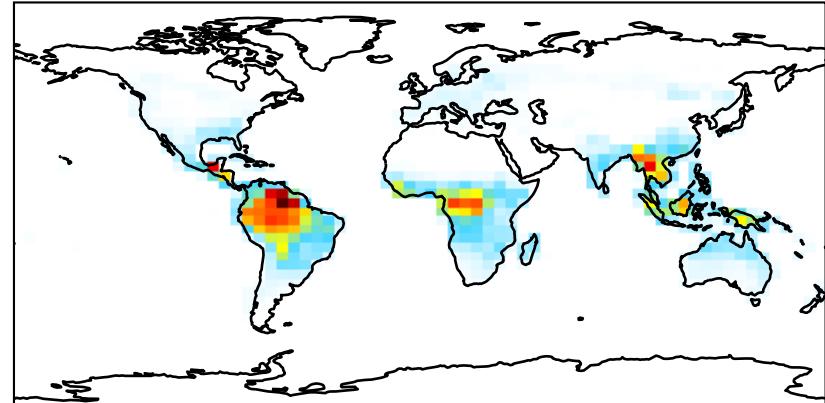


EmisMTPA_Total (Apr2019)

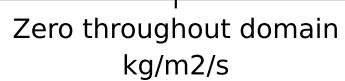
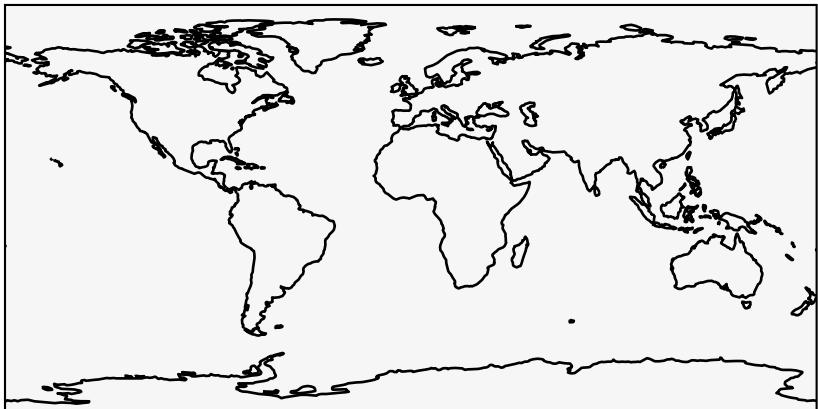
GCC_13.3.0-rc.0 (Ref)
4.0x5.0



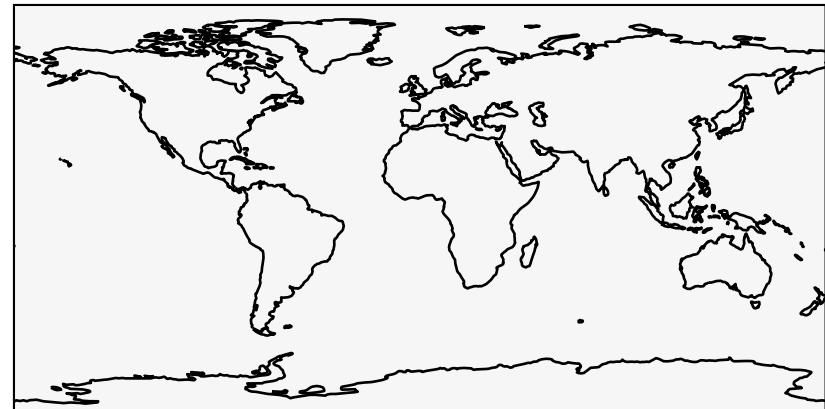
GCC_13.4.0-rc.1 (Dev)
4.0x5.0



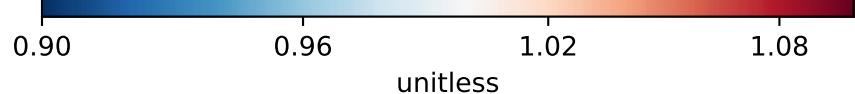
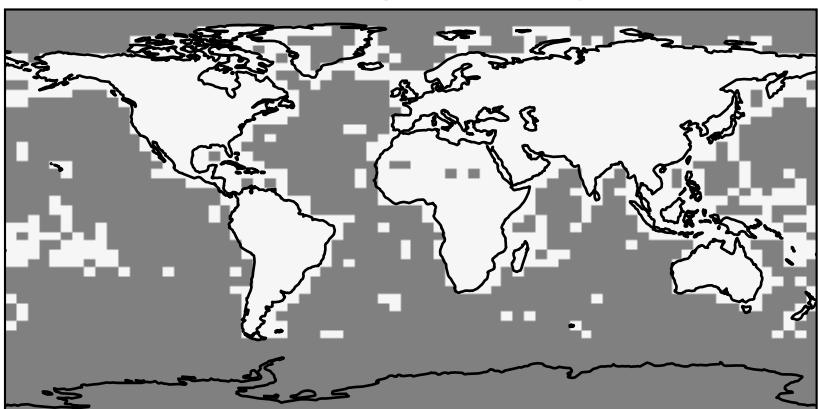
Difference
Dev - Ref, Dynamic Range



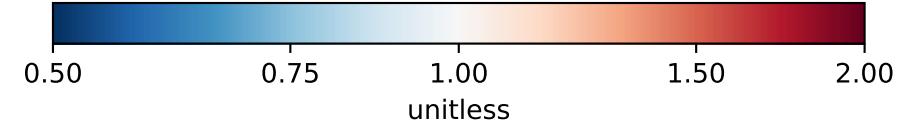
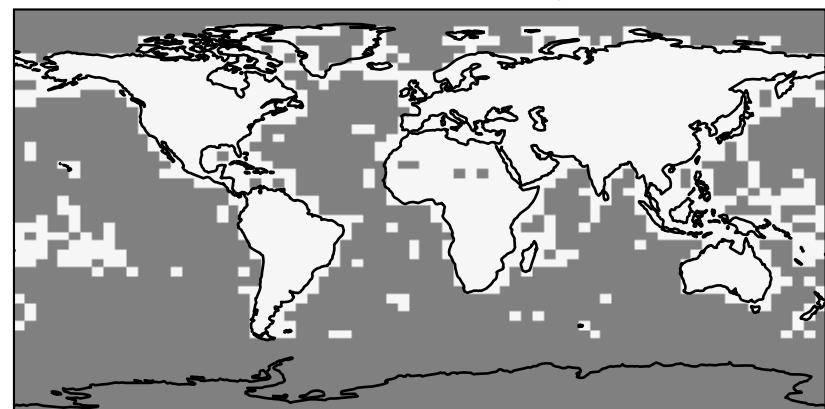
Difference
Dev - Ref, Restricted Range [5%, 95%]



Ratio
Dev/Ref, Dynamic Range

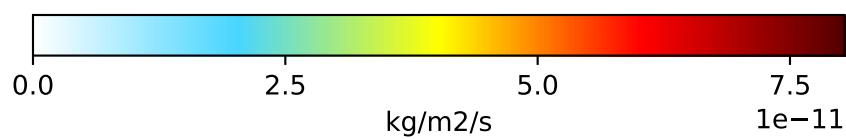
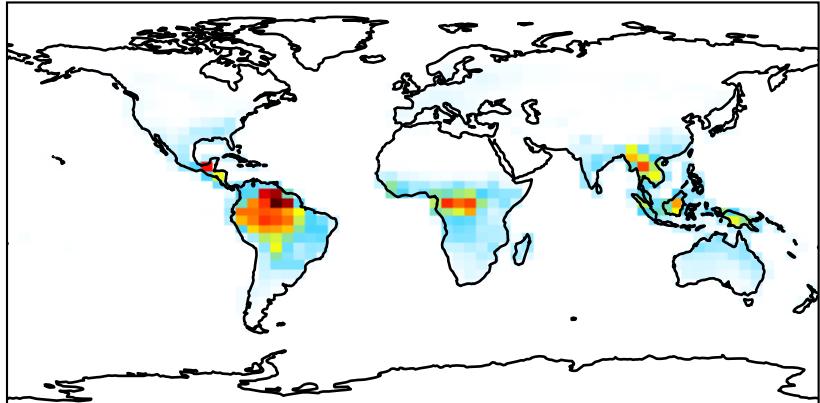


Ratio
Dev/Ref, Fixed Range

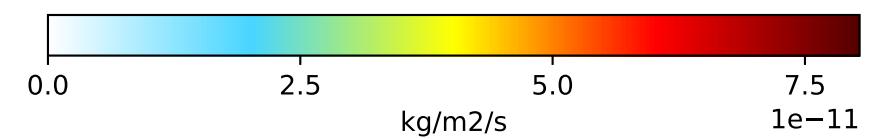
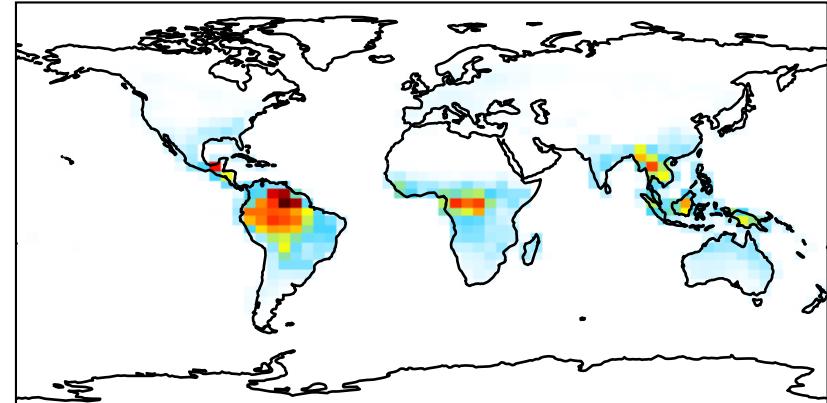


EmisMTPO_Biogenic (Apr2019)

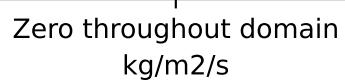
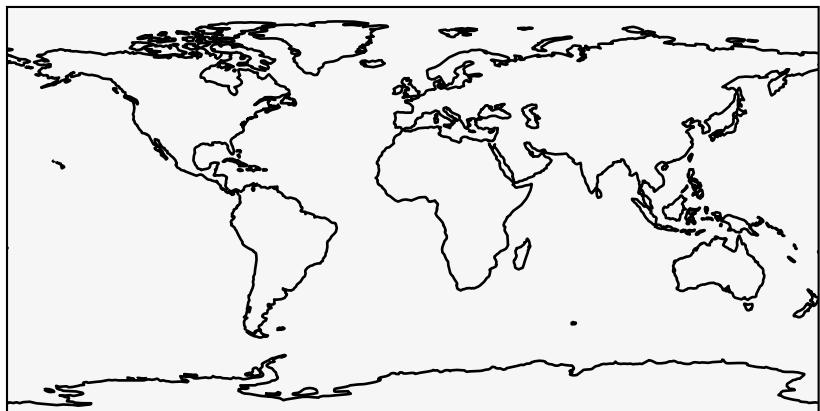
GCC_13.3.0-rc.0 (Ref)
4.0x5.0



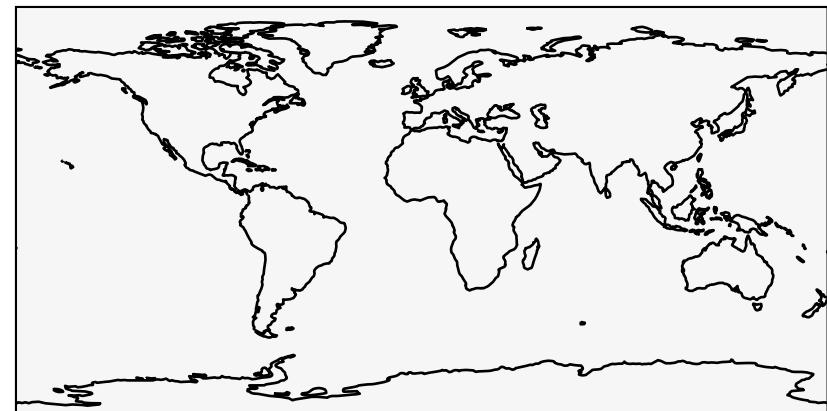
GCC_13.4.0-rc.1 (Dev)
4.0x5.0



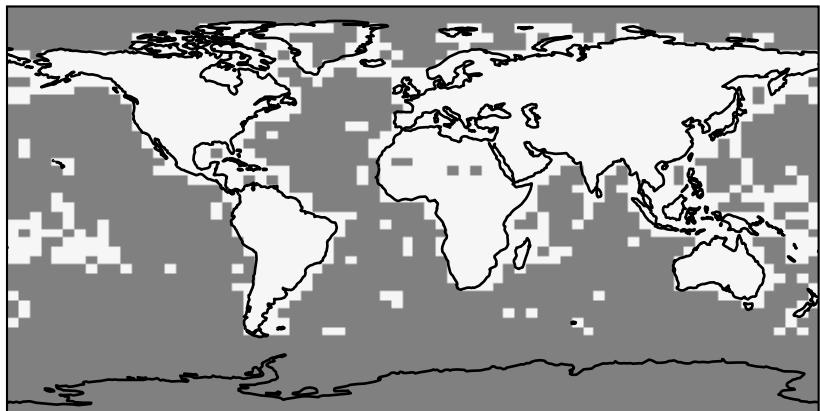
Difference
Dev - Ref, Dynamic Range



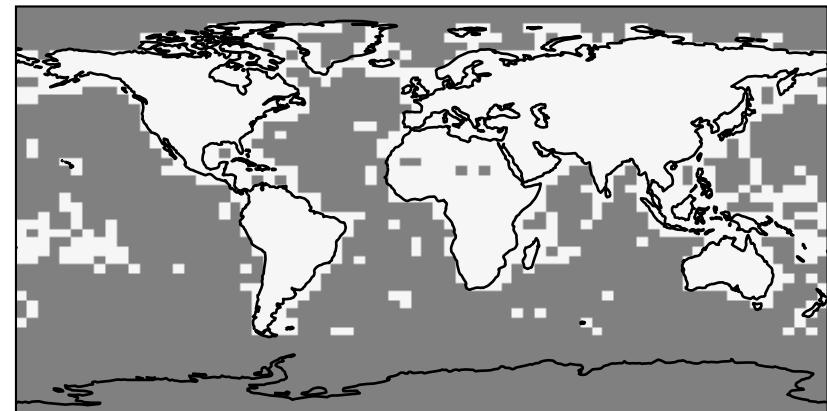
Difference
Dev - Ref, Restricted Range [5%,95%]



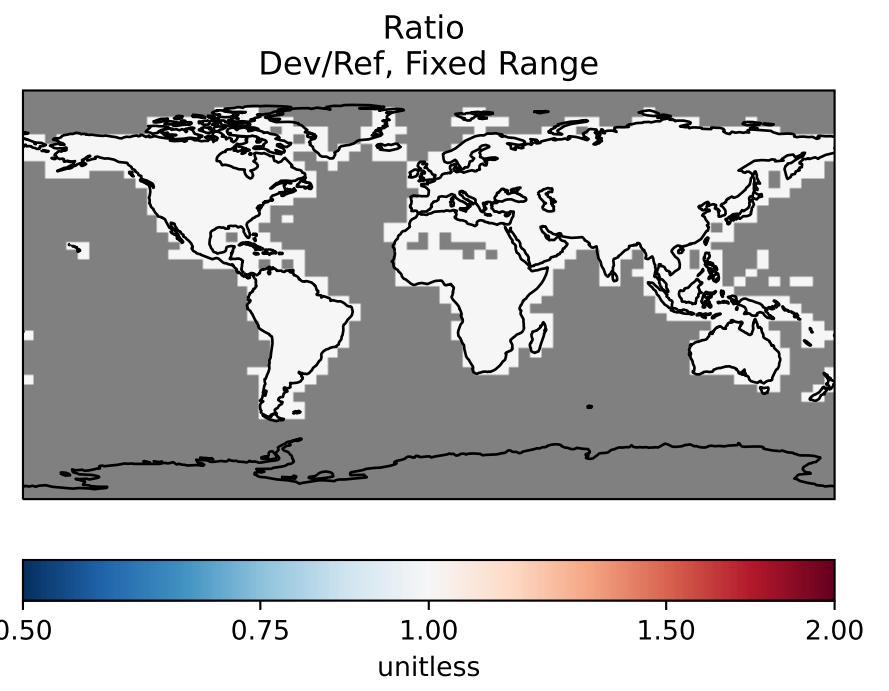
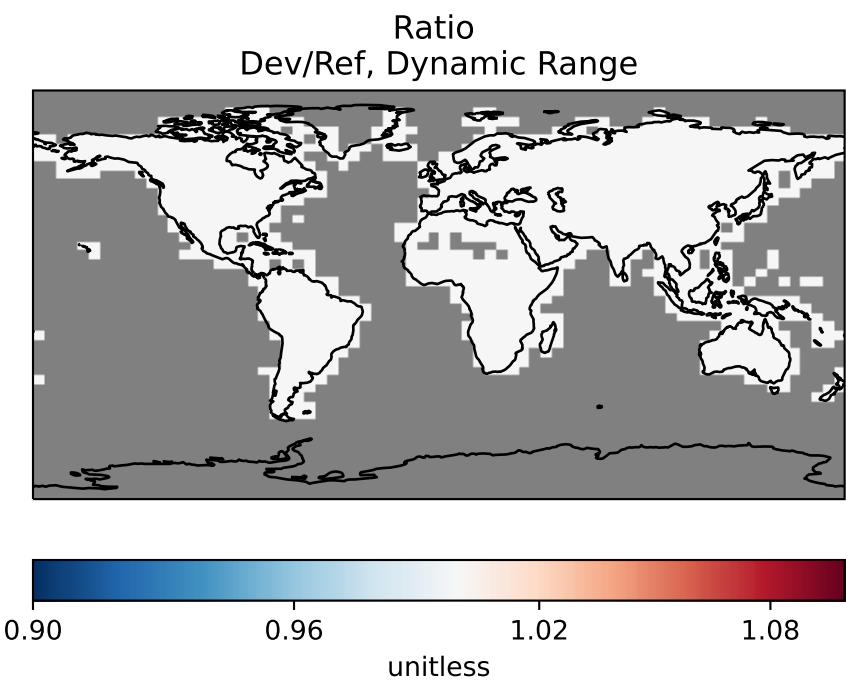
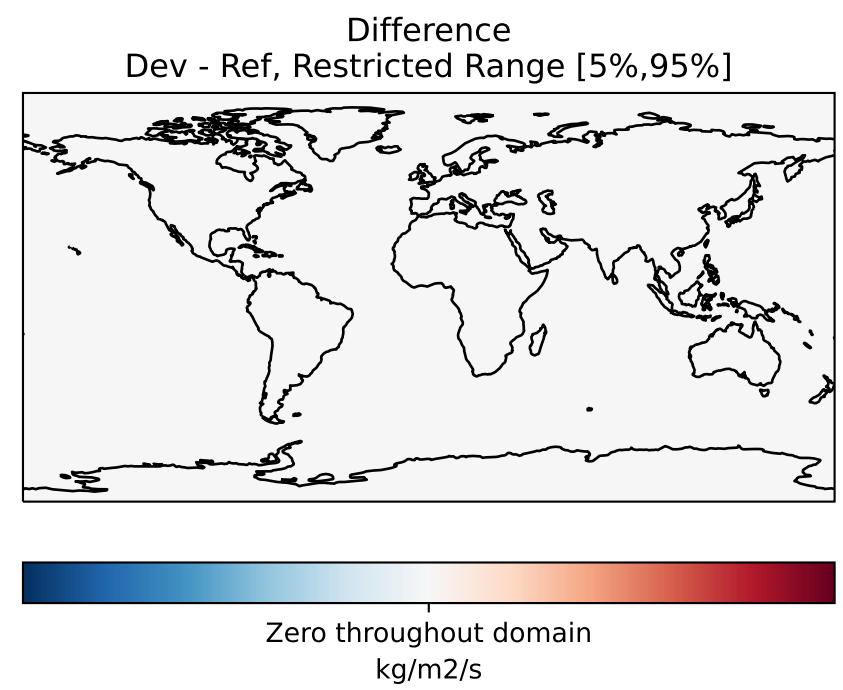
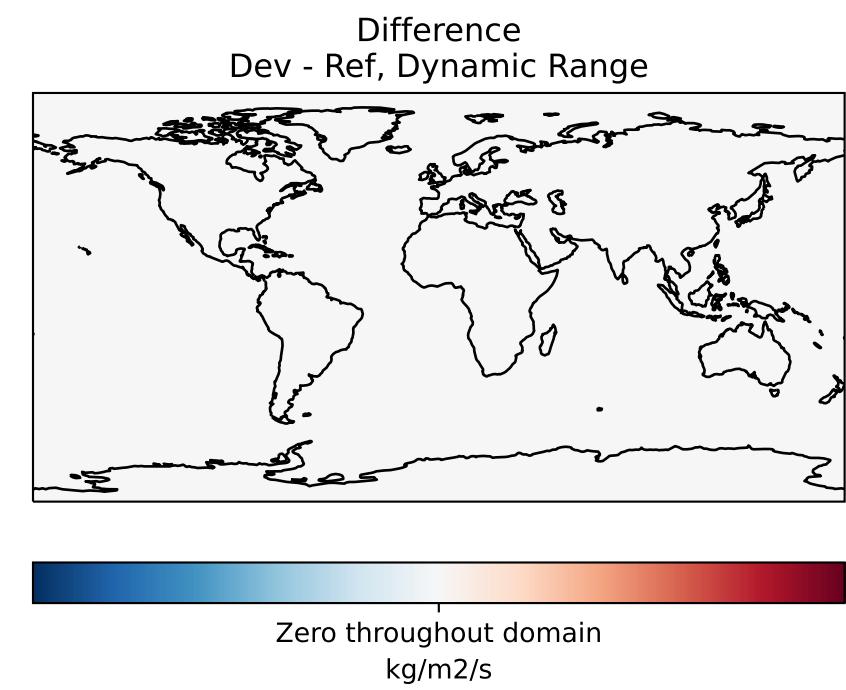
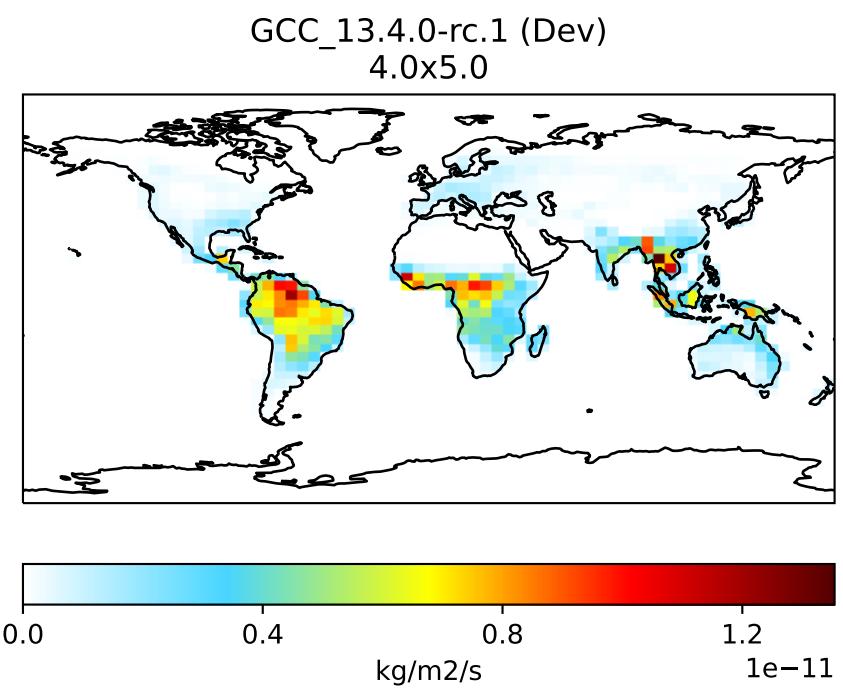
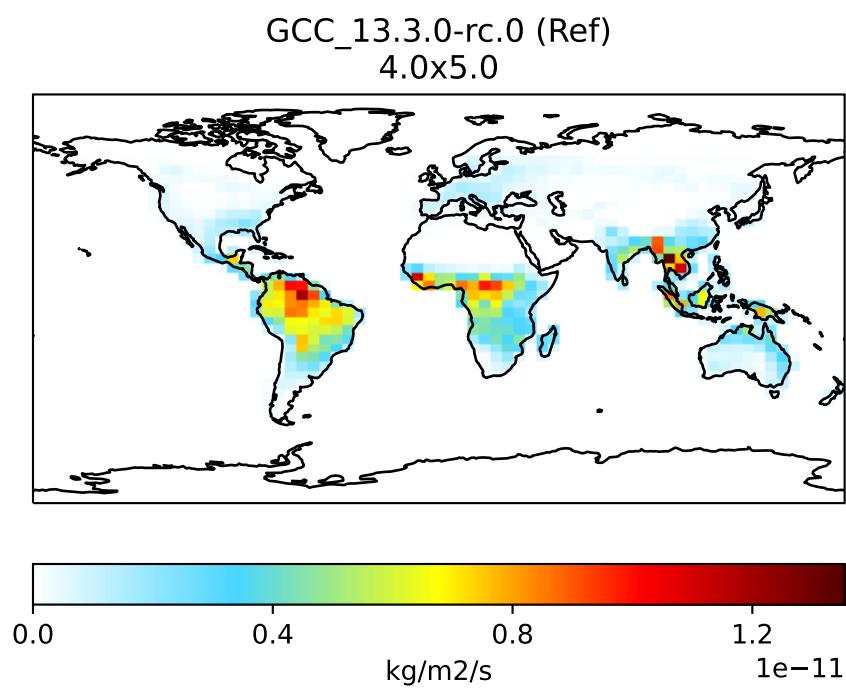
Ratio
Dev/Ref, Dynamic Range



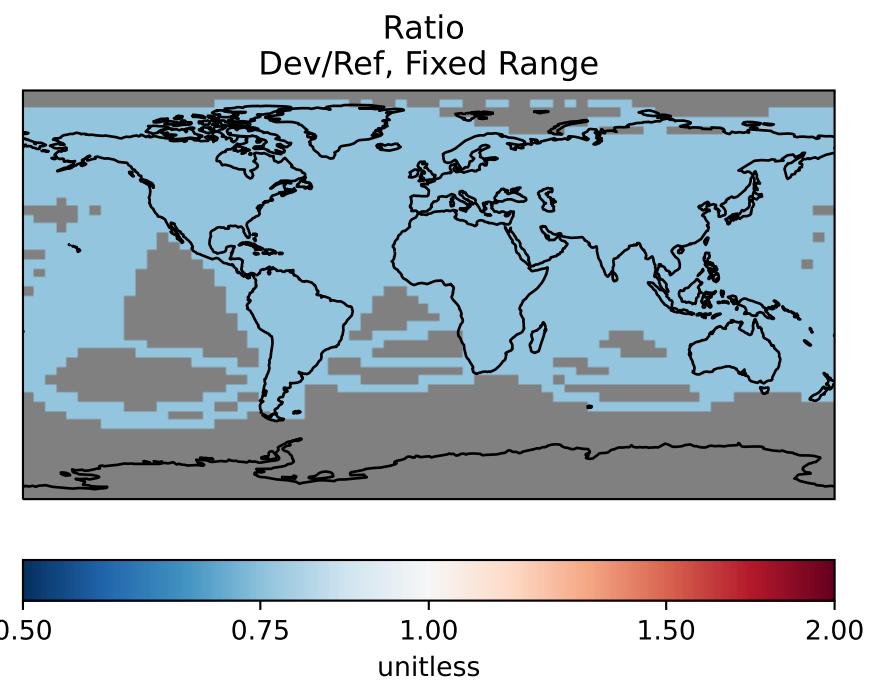
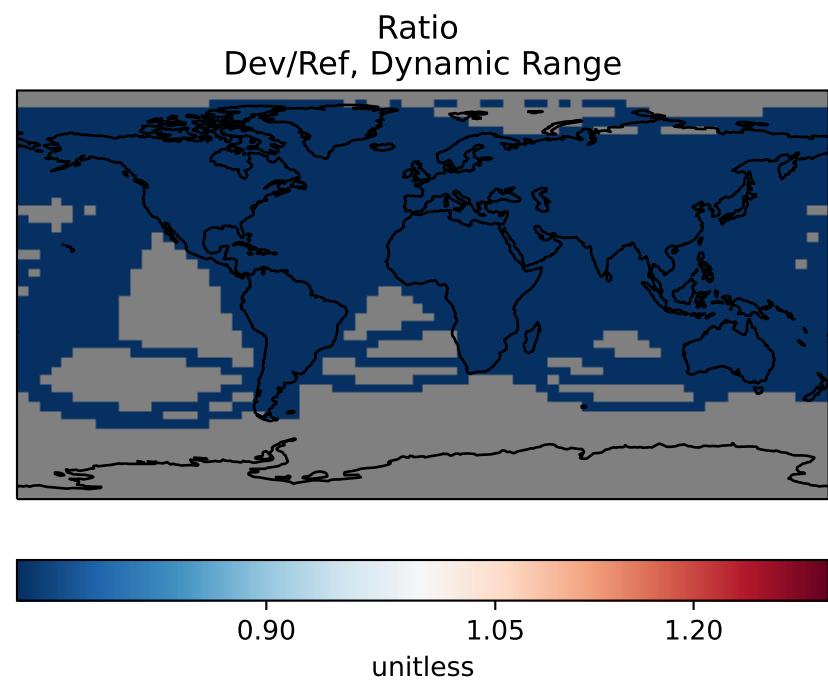
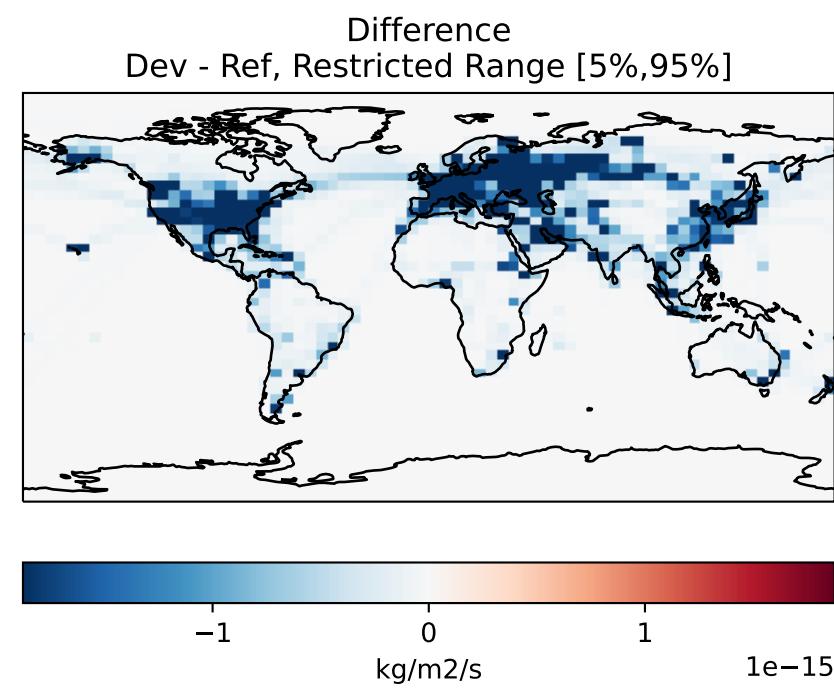
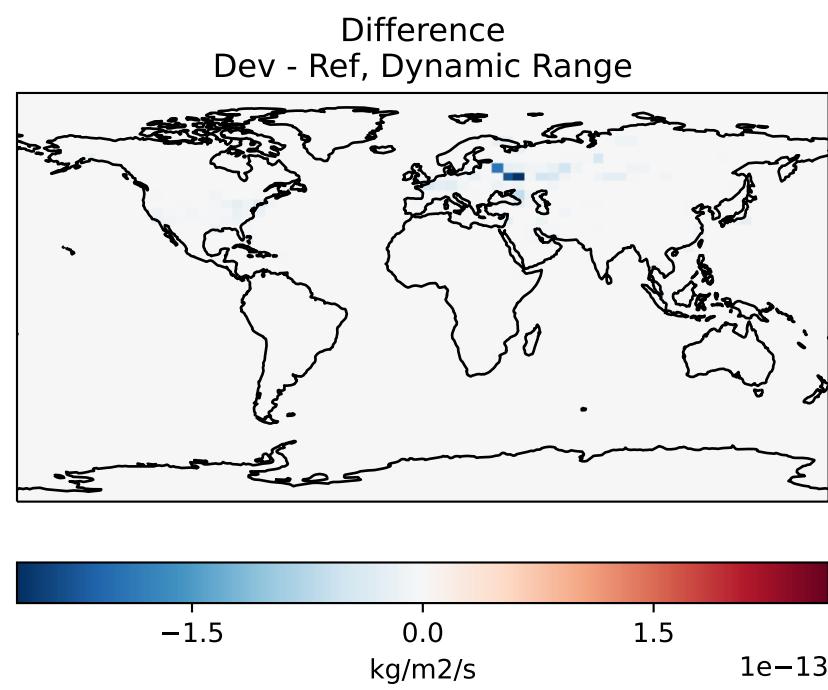
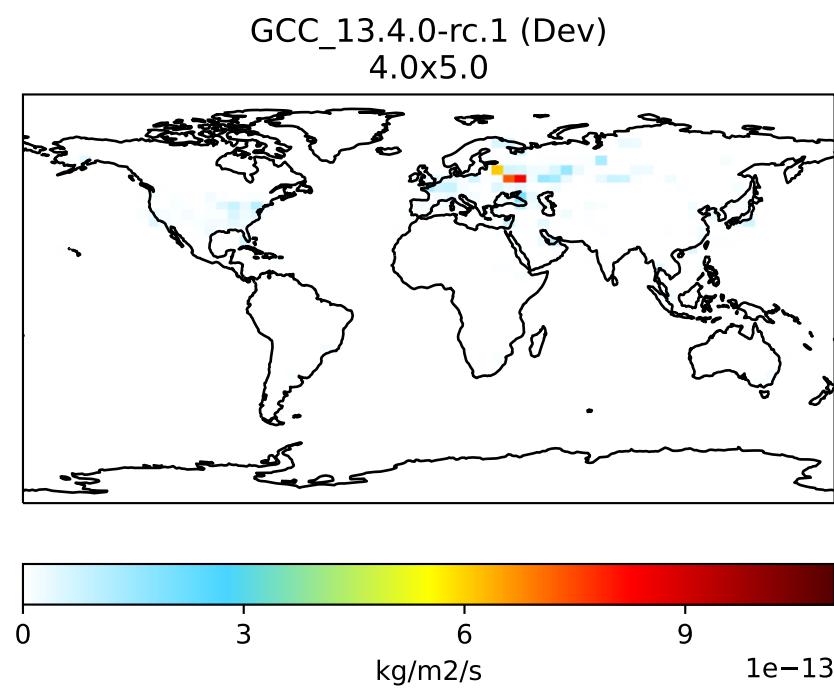
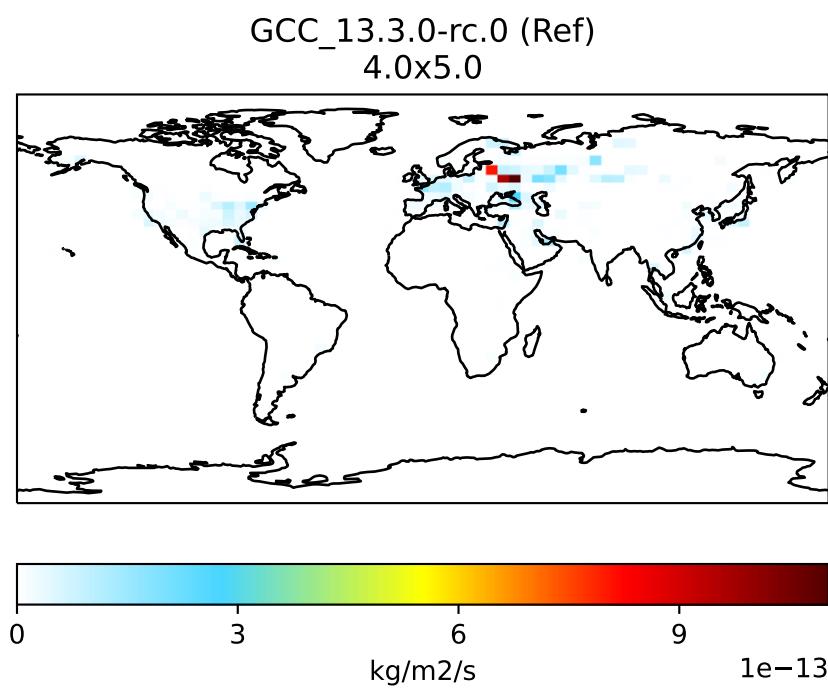
Ratio
Dev/Ref, Fixed Range



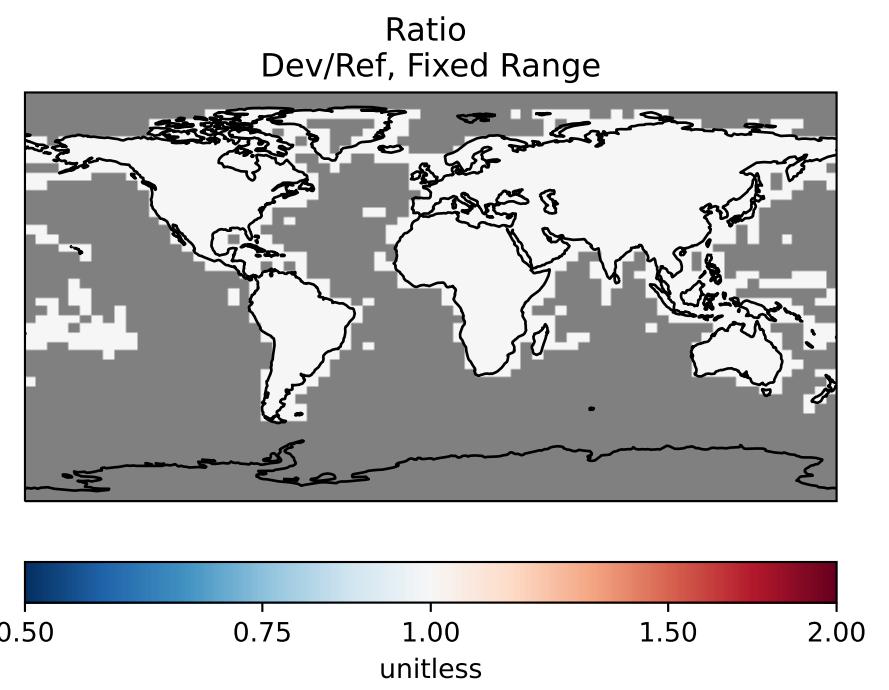
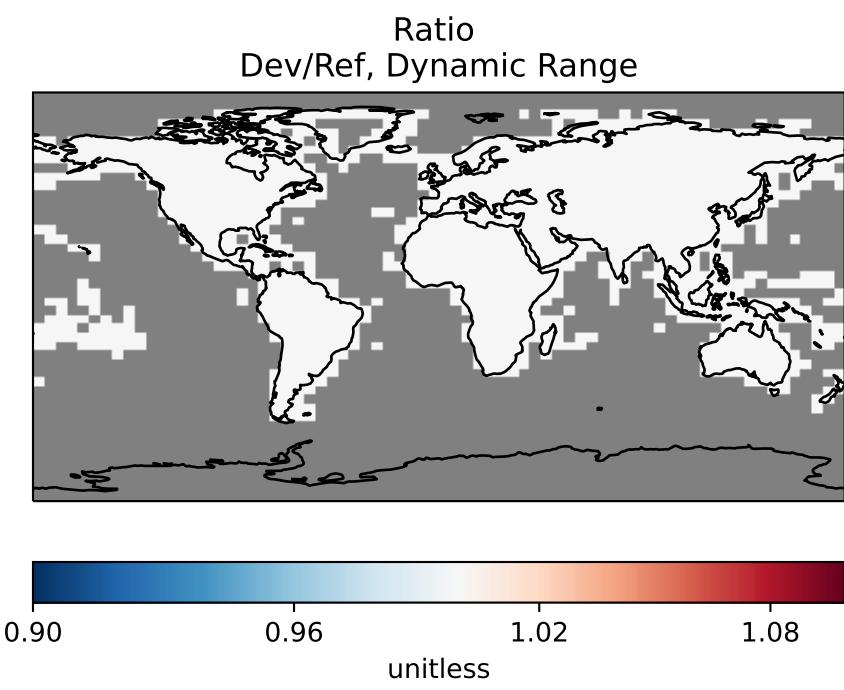
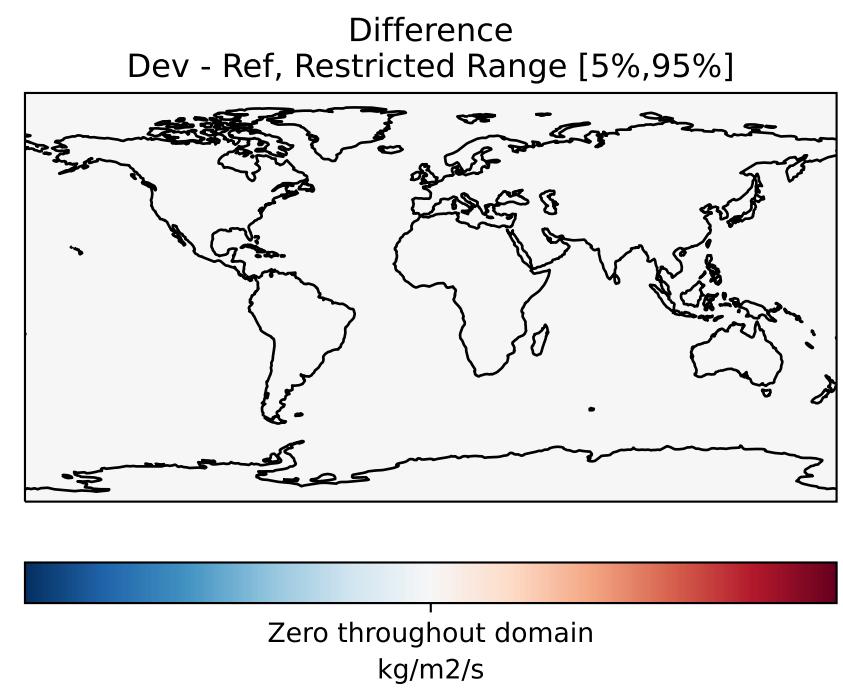
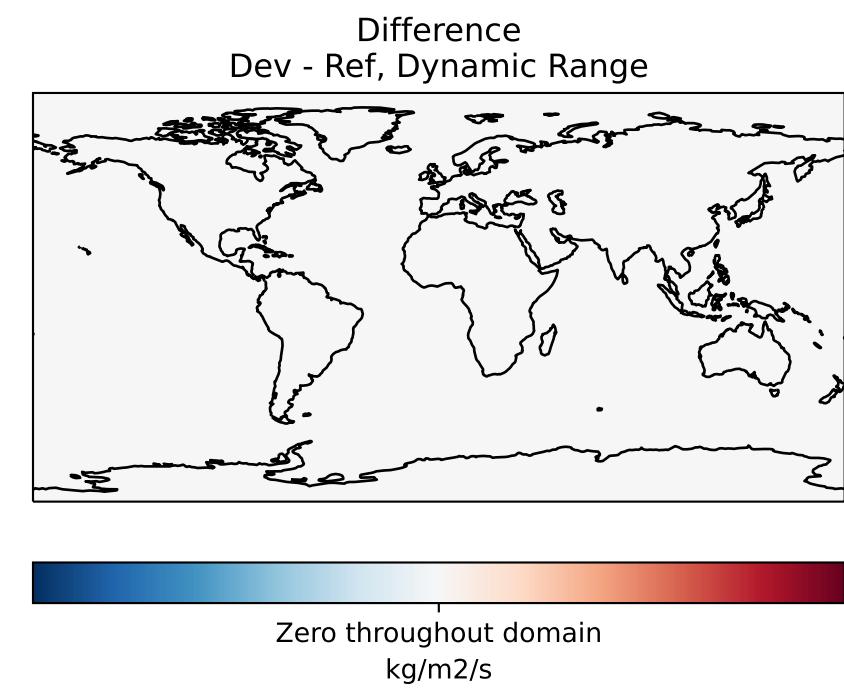
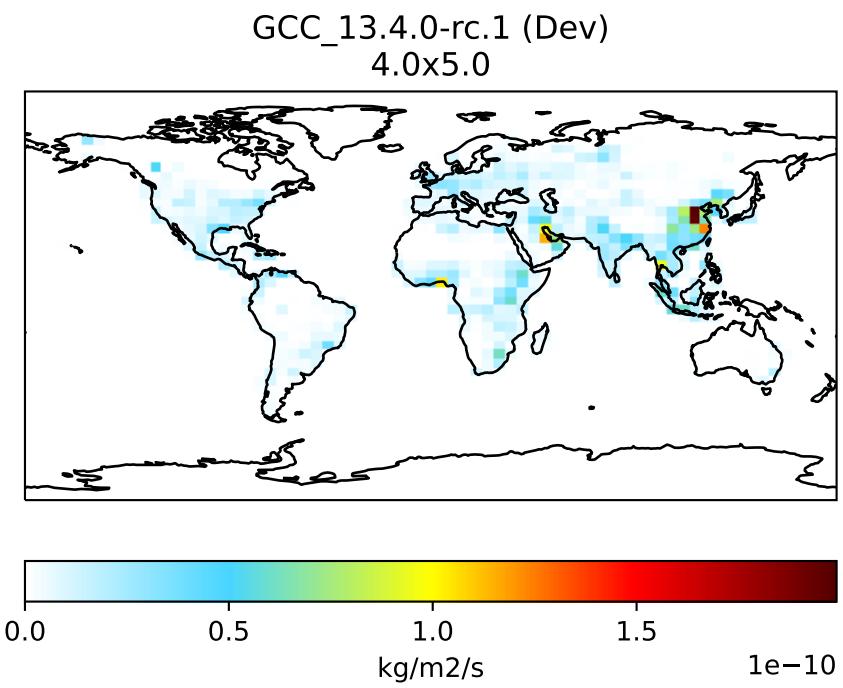
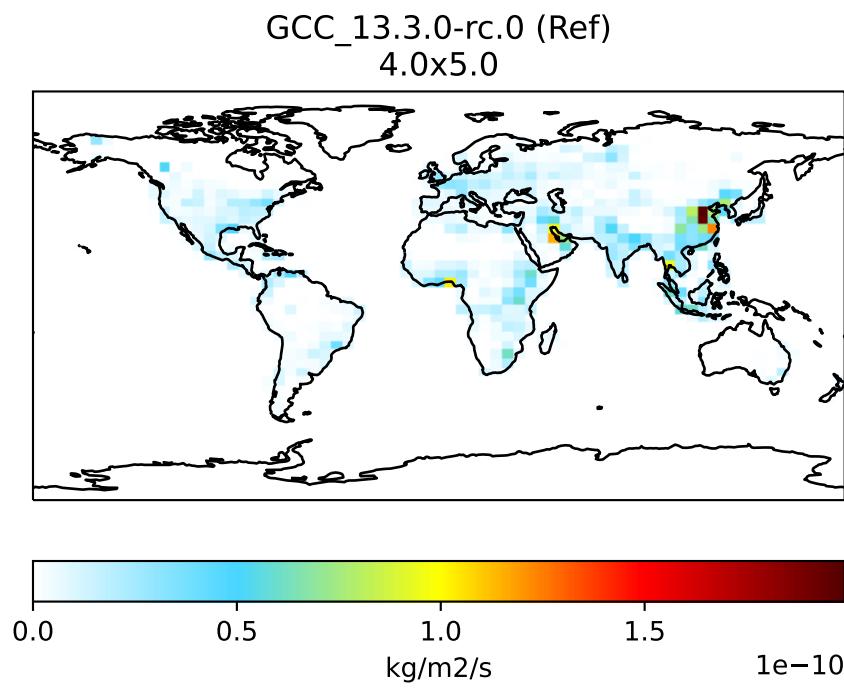
EmisLIMO_Biogenic (Apr2019)



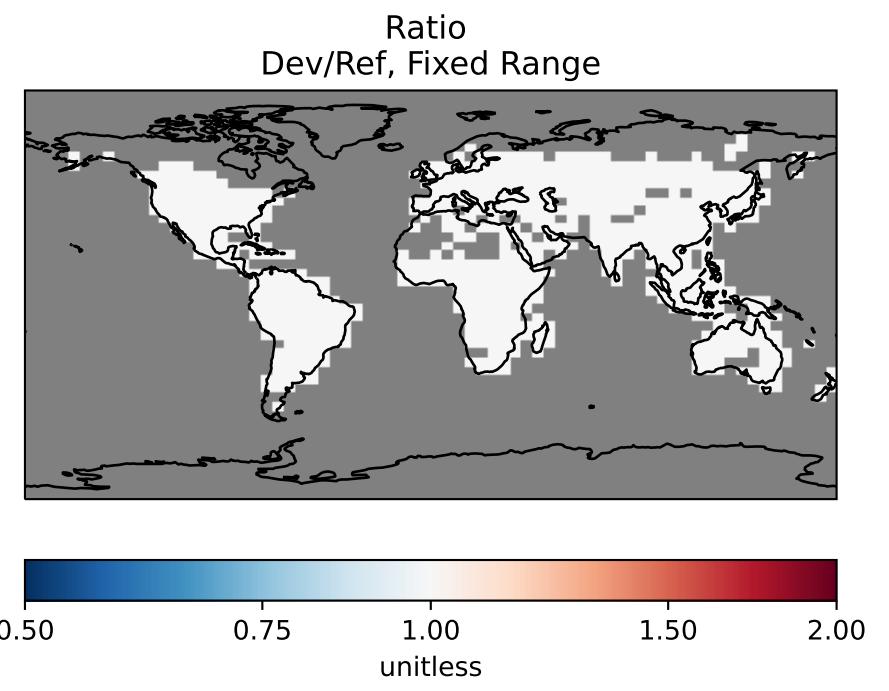
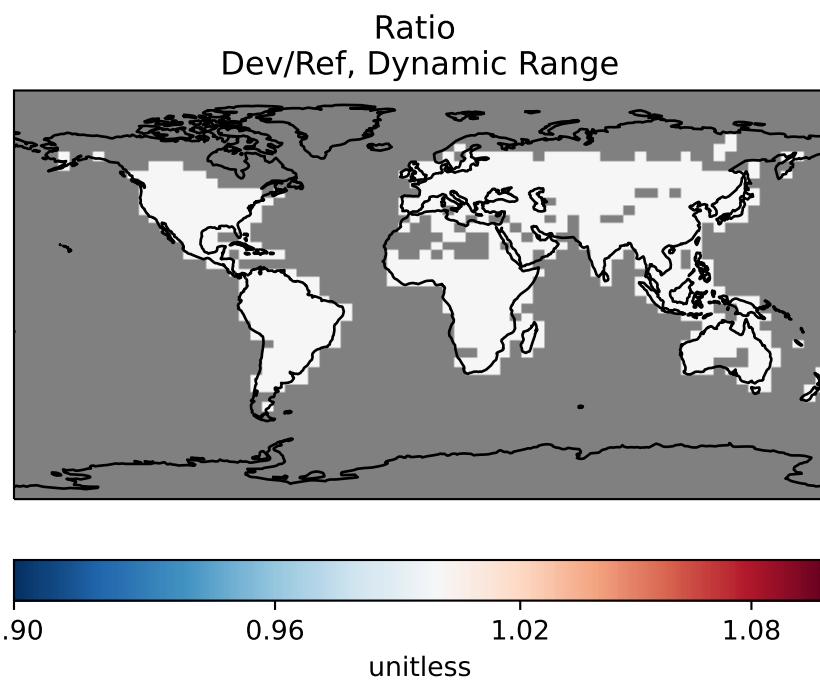
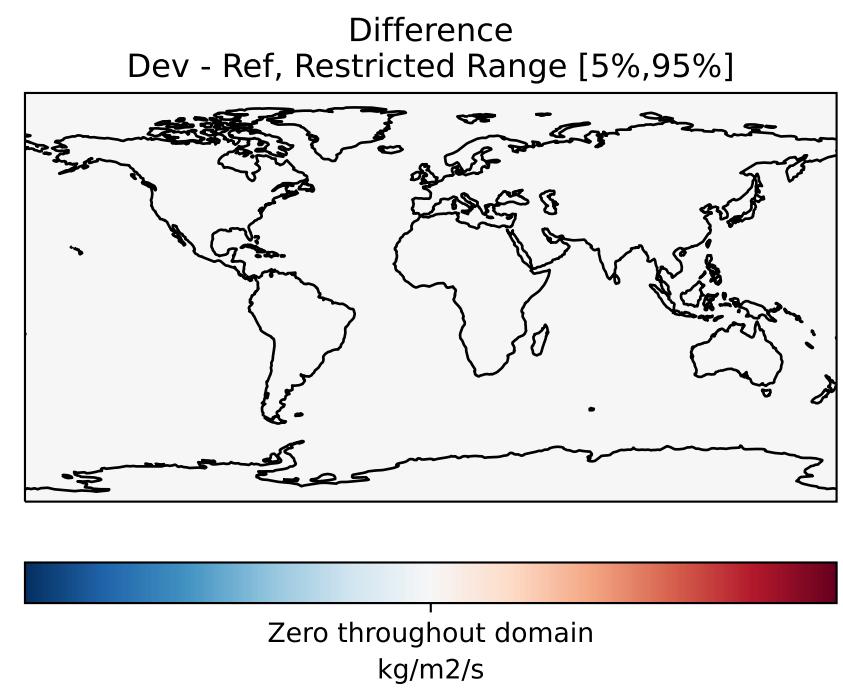
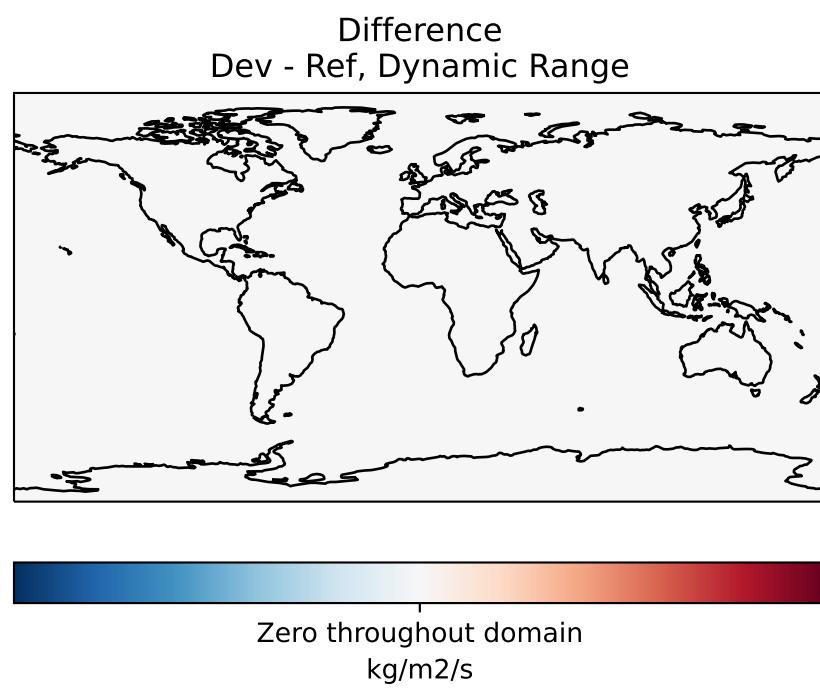
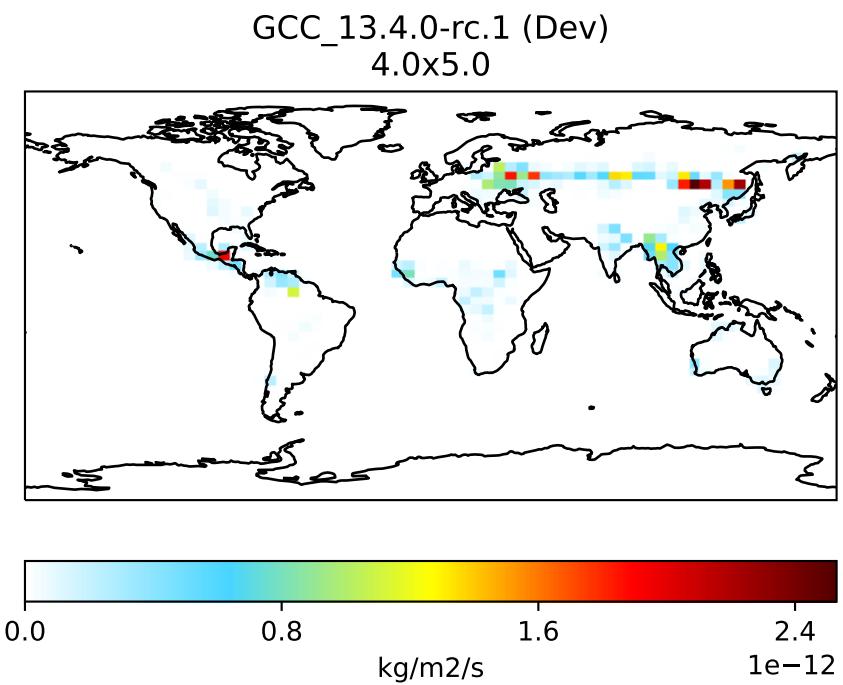
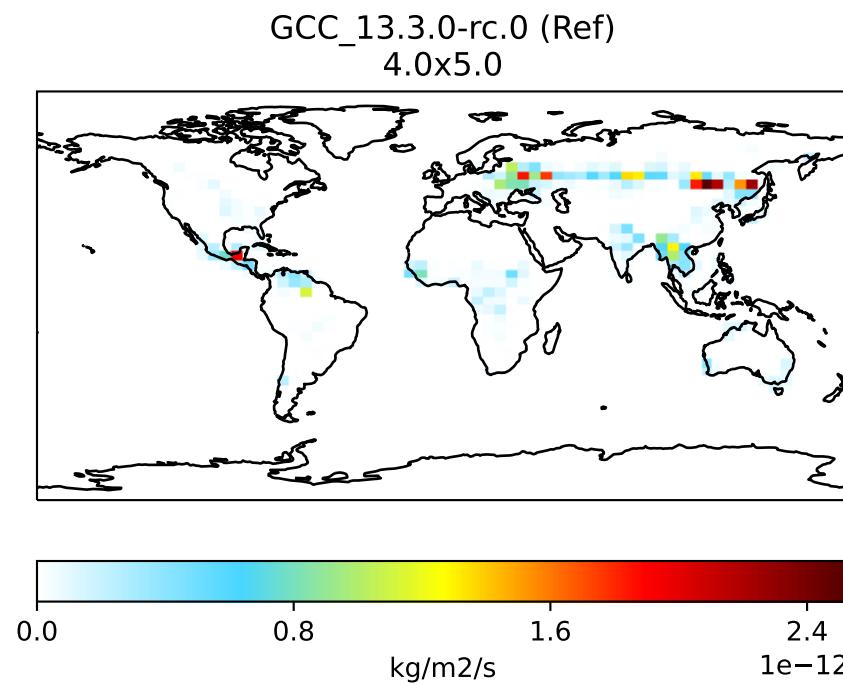
EmisALK4_Aircraft (Apr2019)



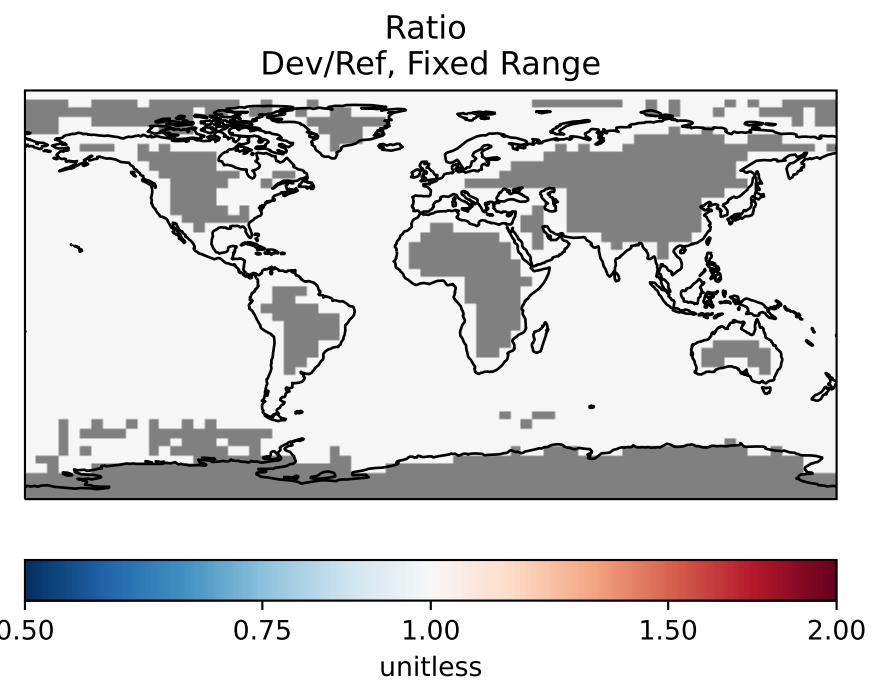
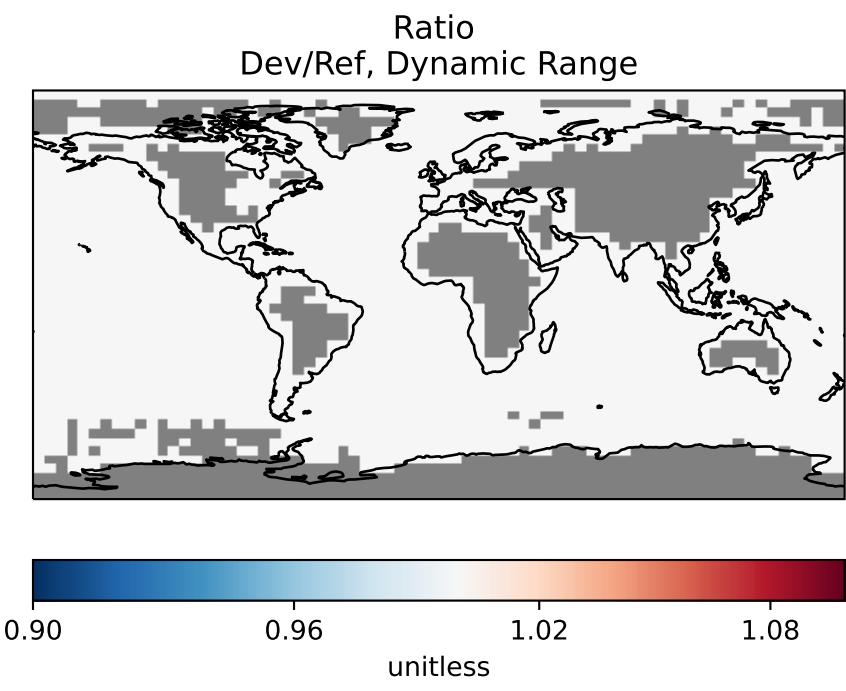
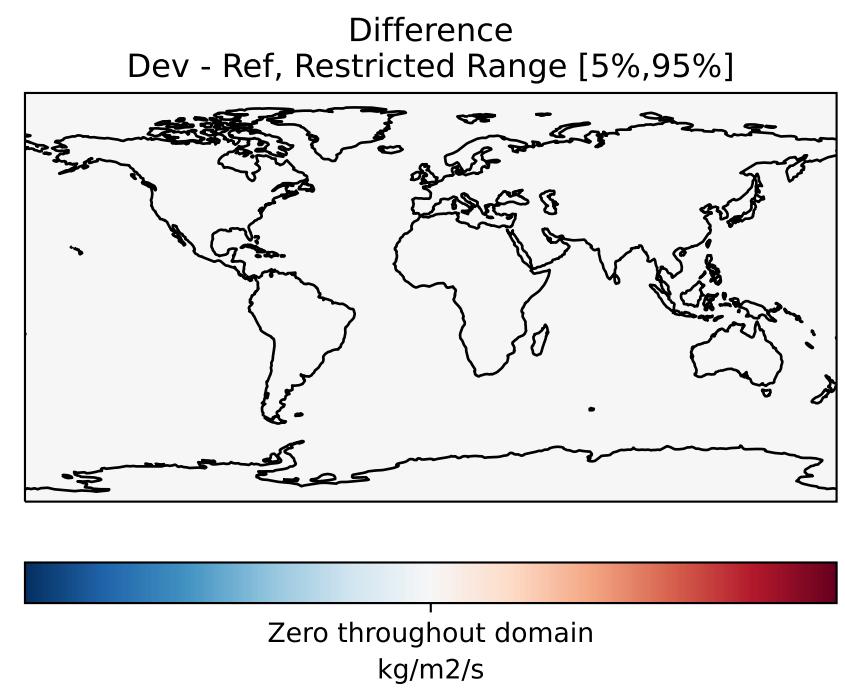
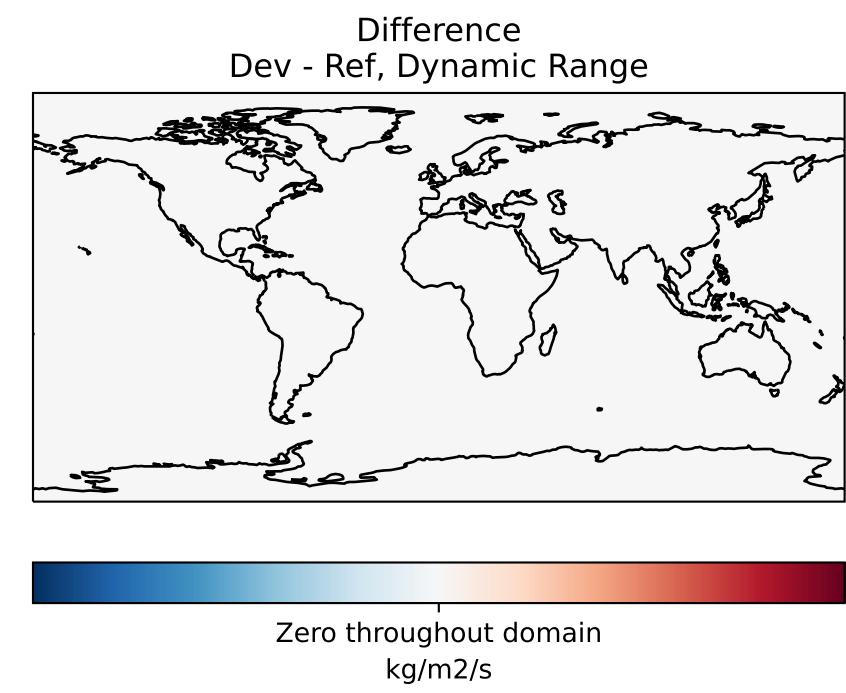
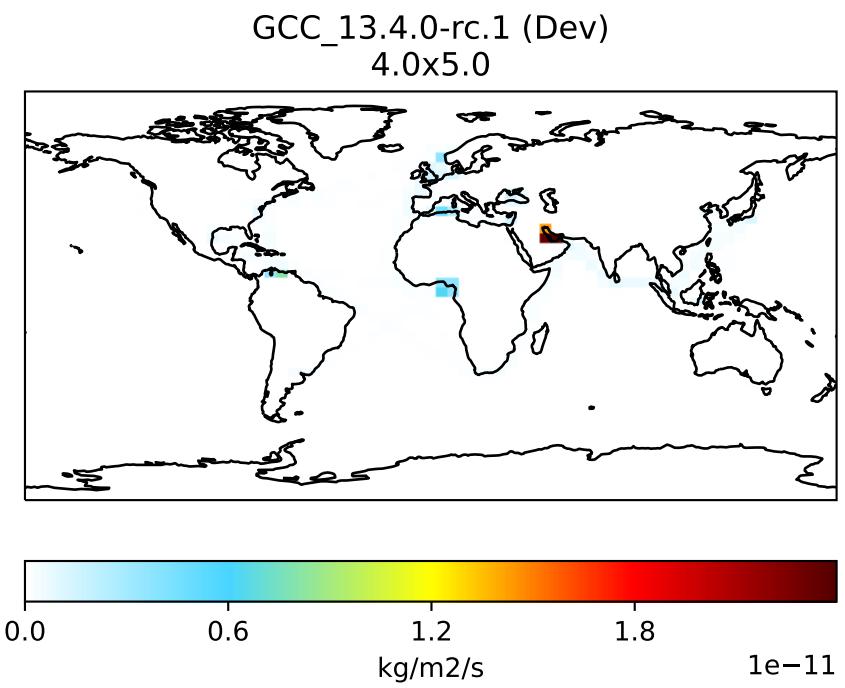
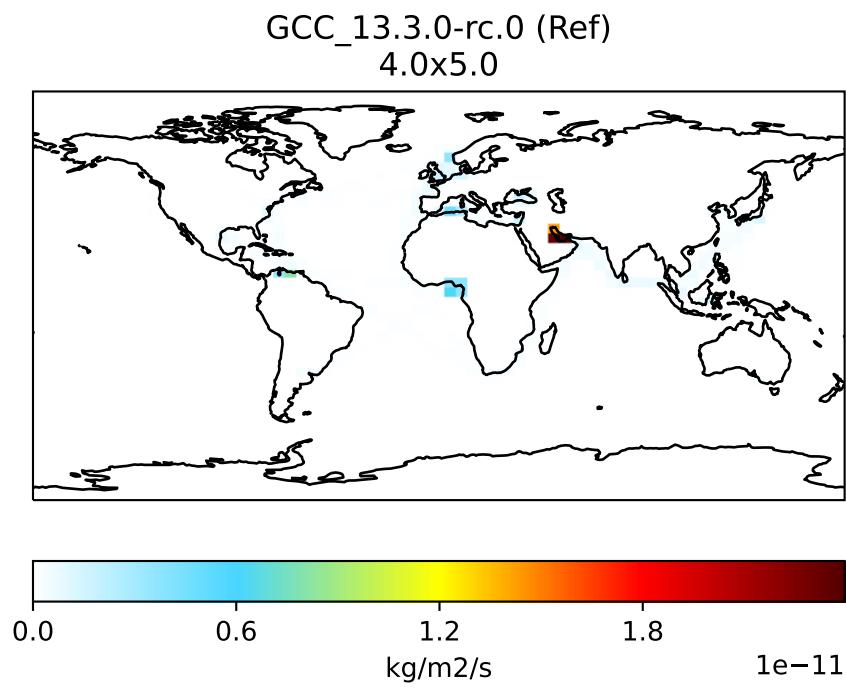
EmisALK4_Anthro (Apr2019)



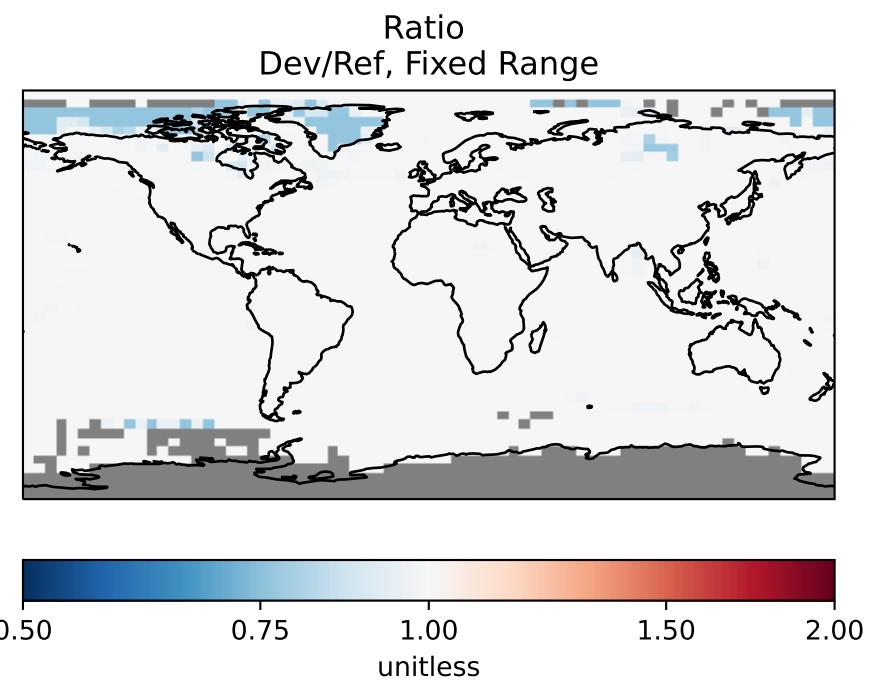
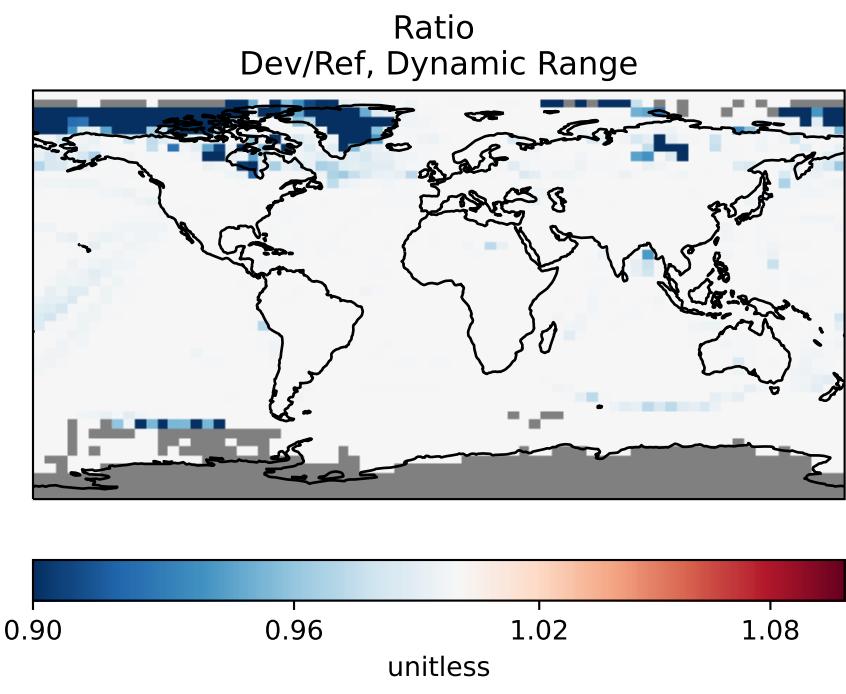
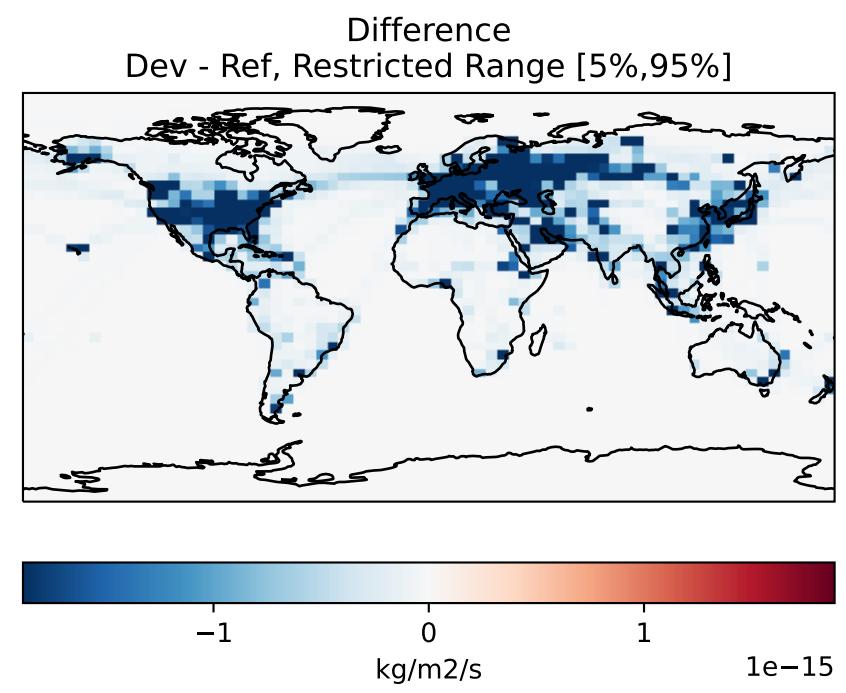
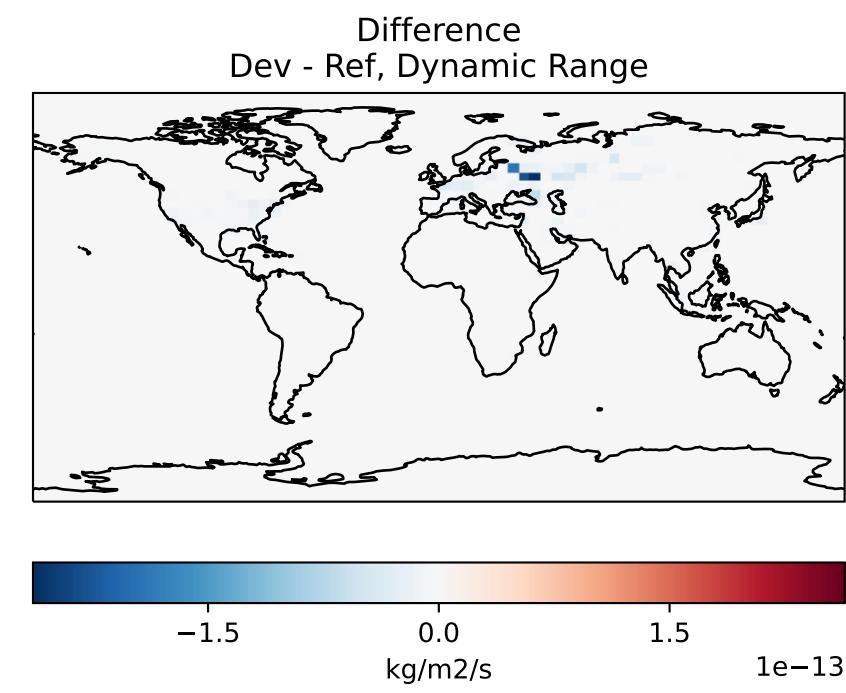
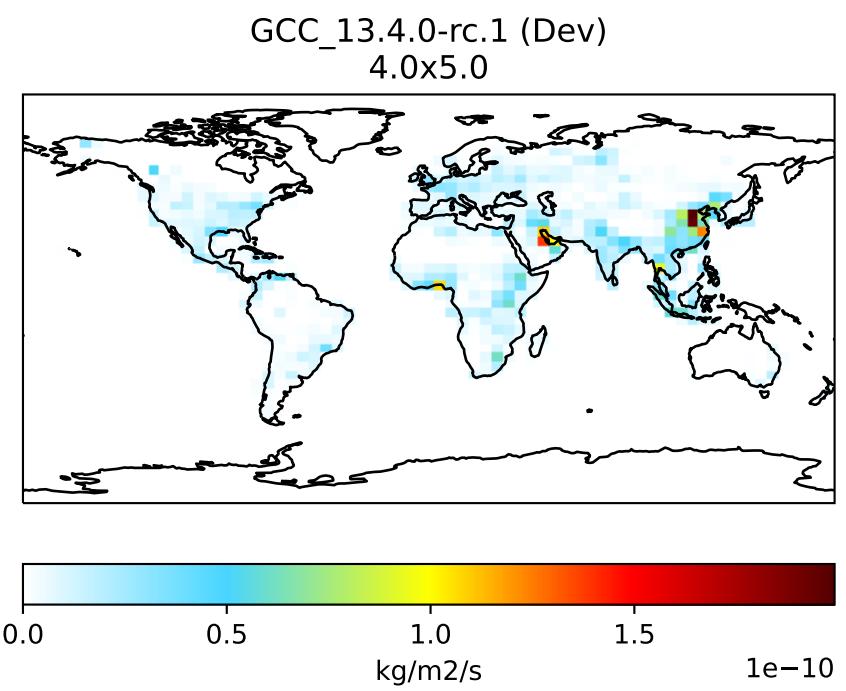
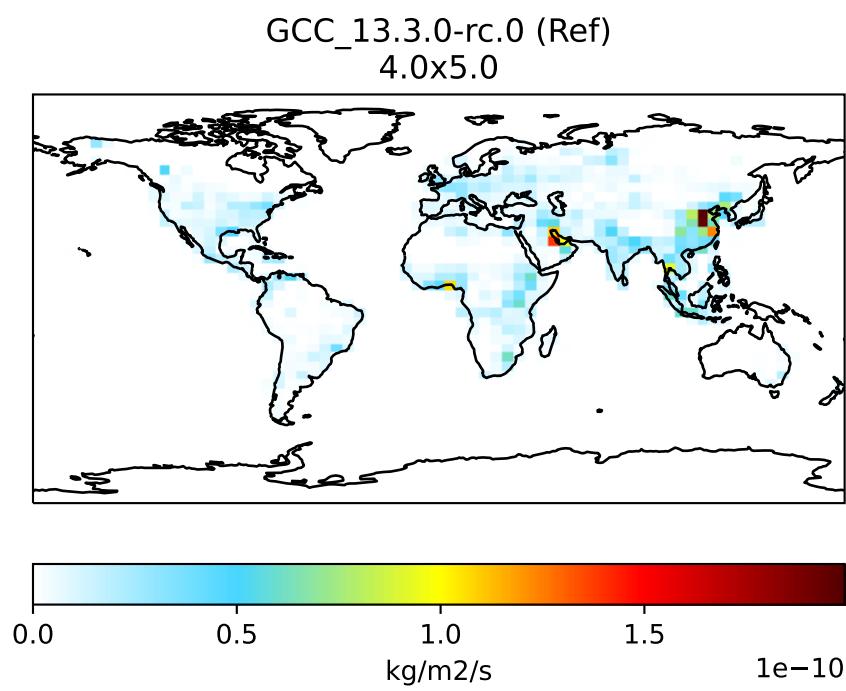
EmisALK4_BioBurn (Apr2019)



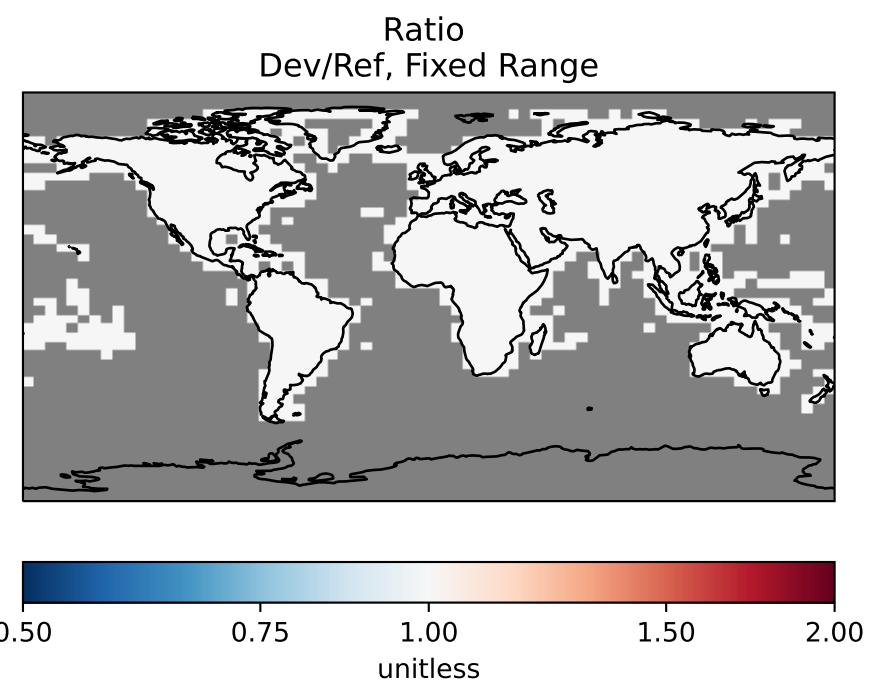
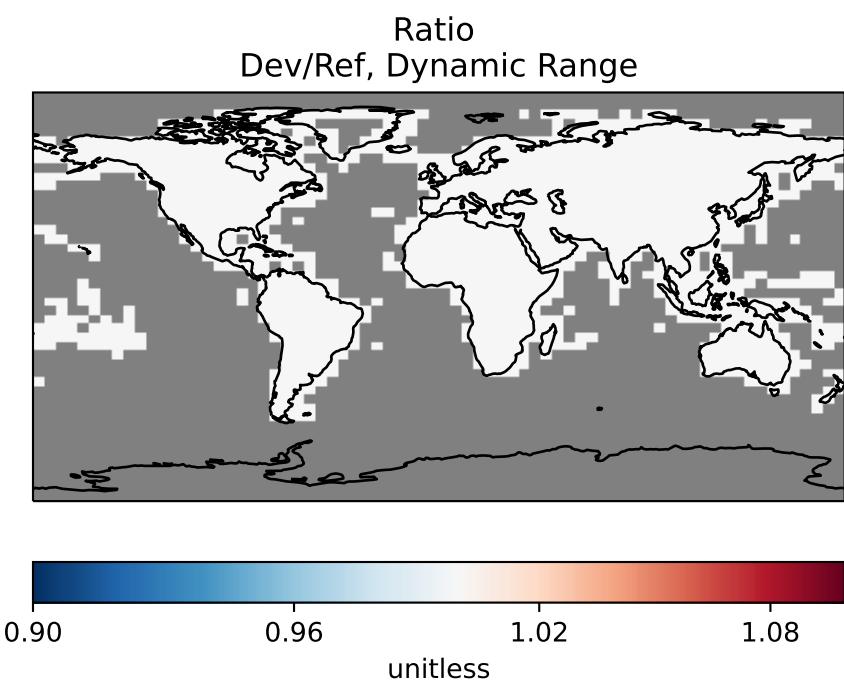
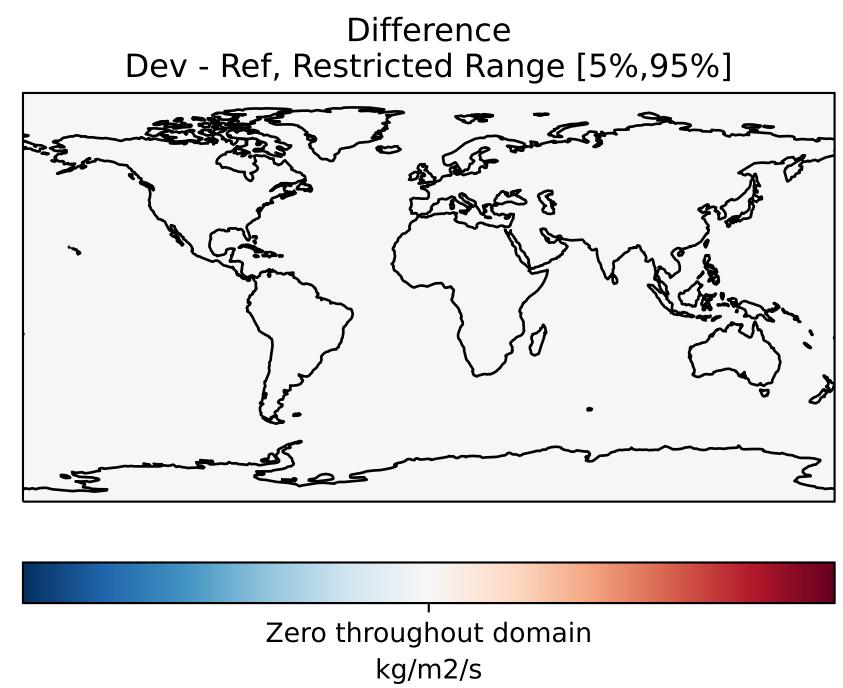
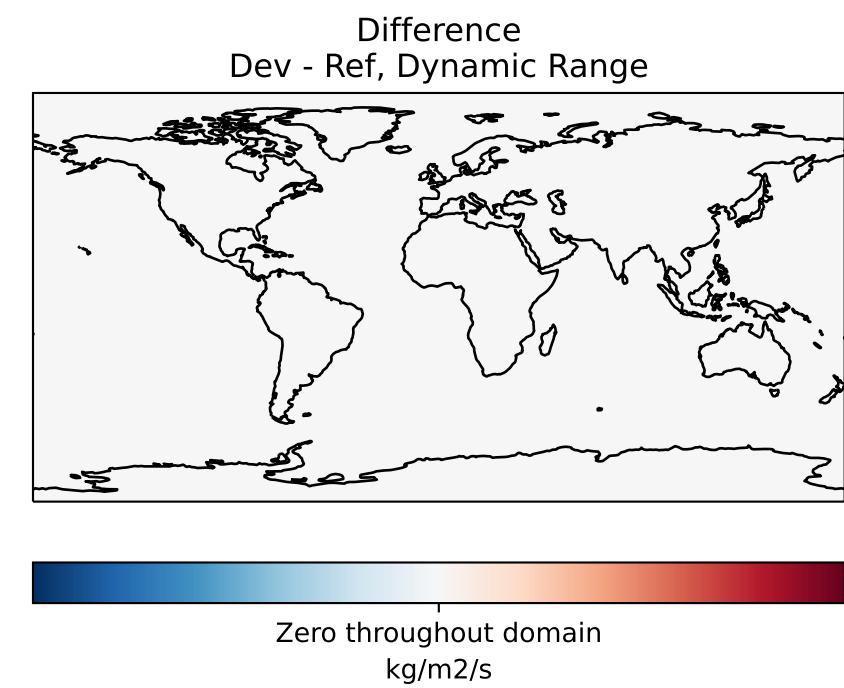
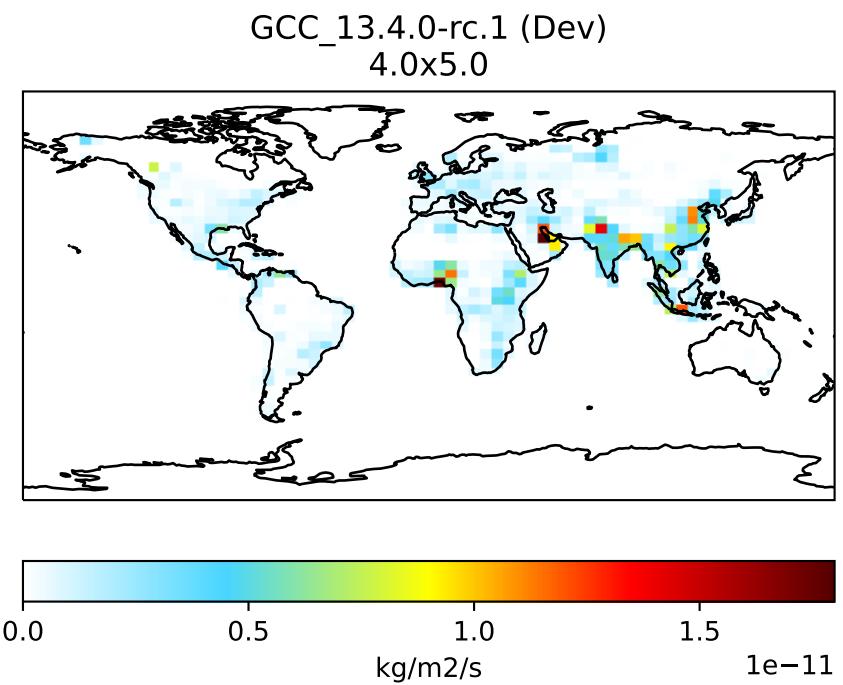
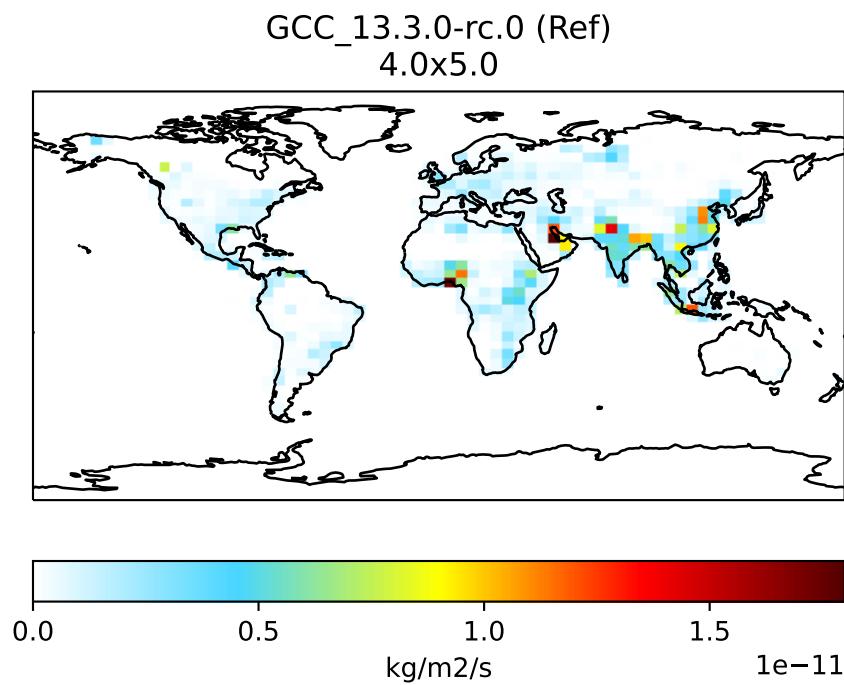
EmisALK4_Ship (Apr2019)



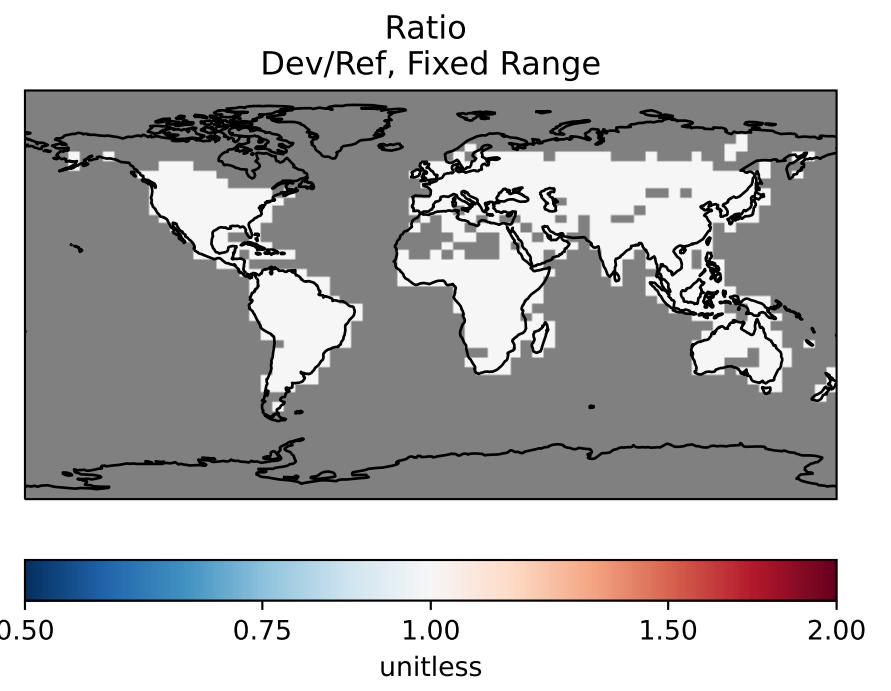
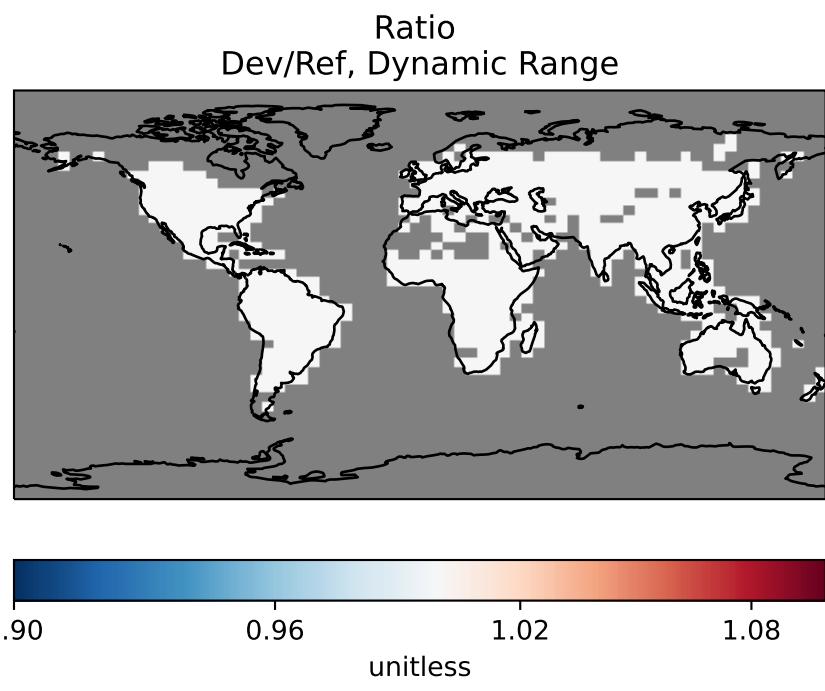
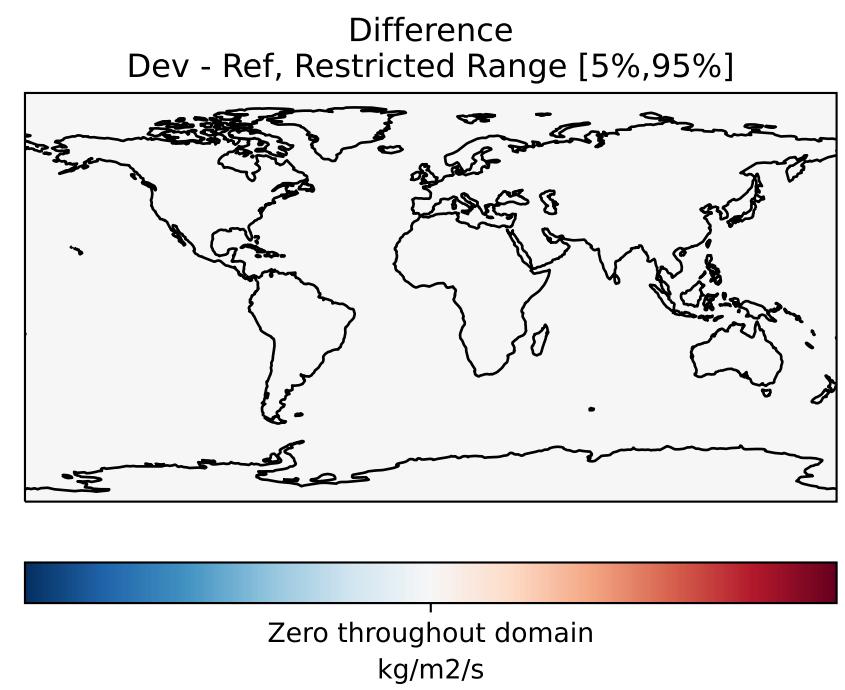
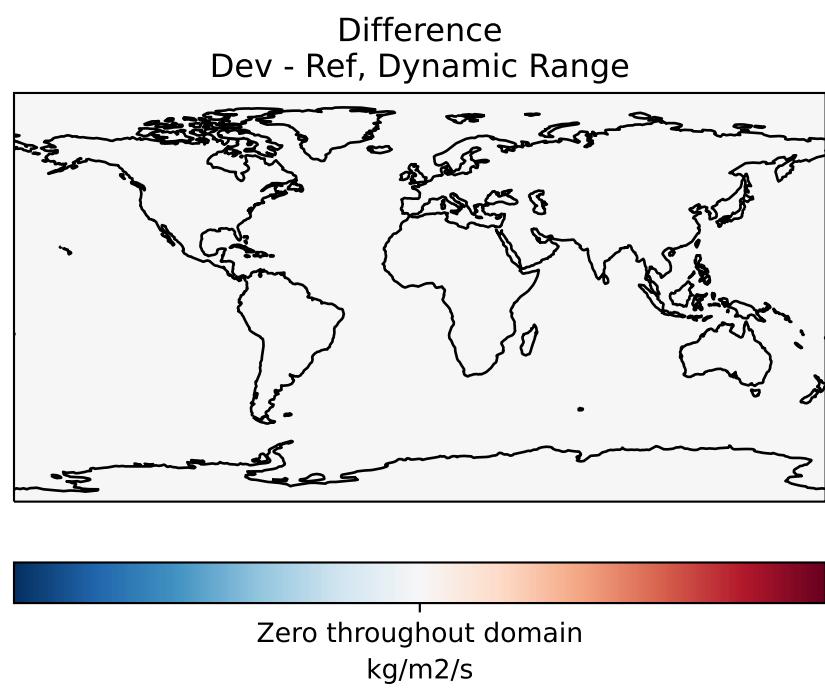
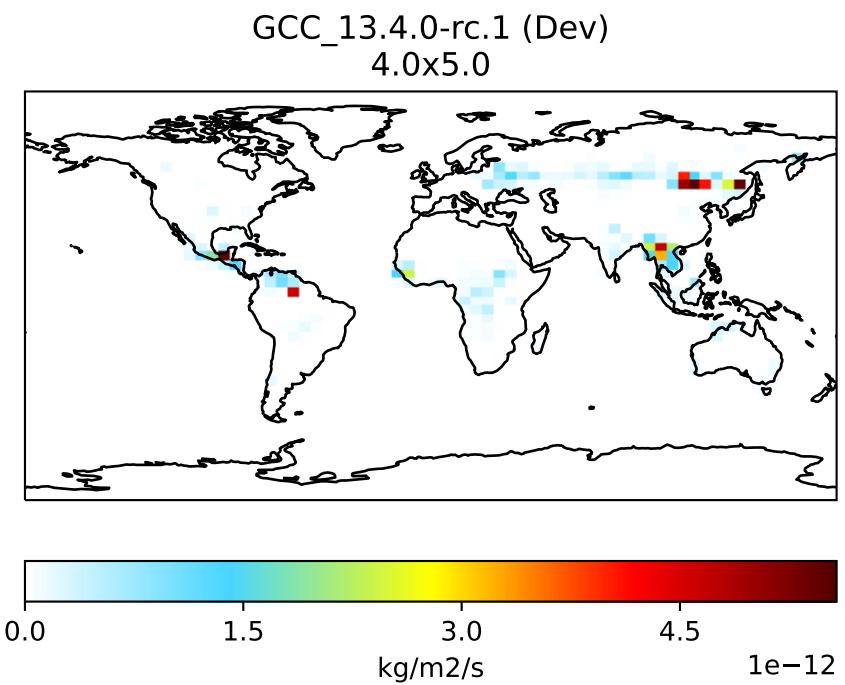
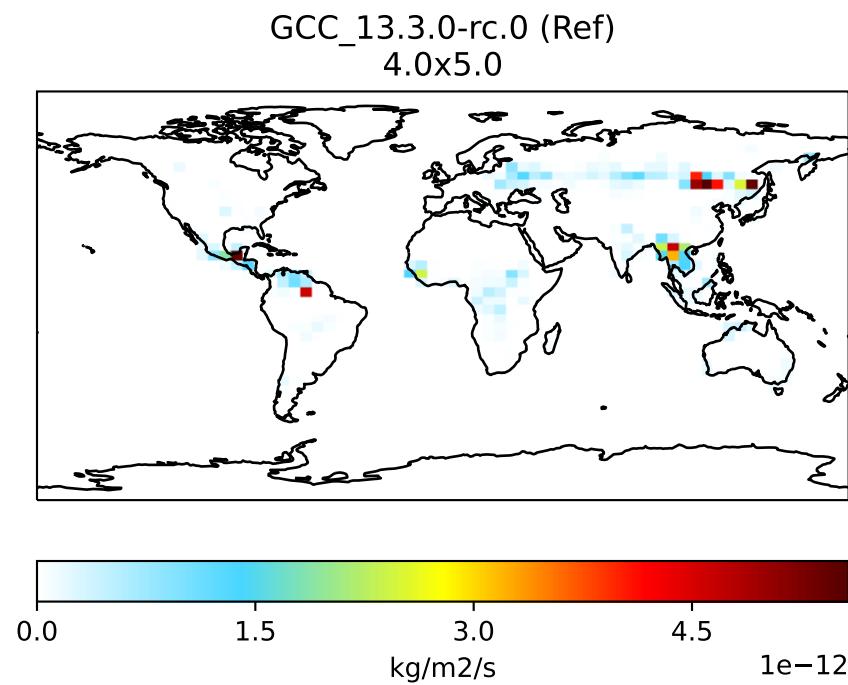
EmisALK4_Total (Apr2019)



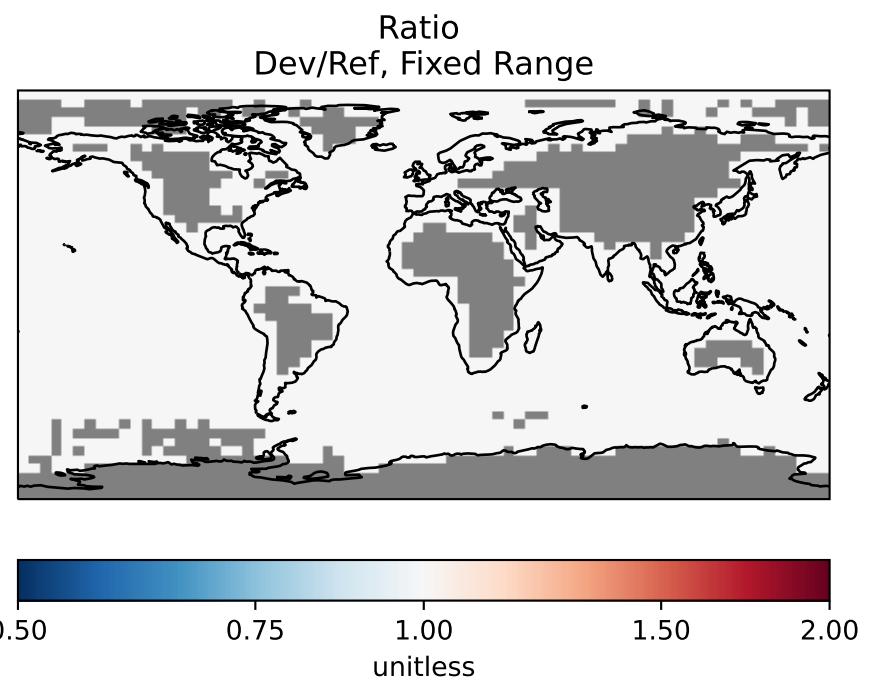
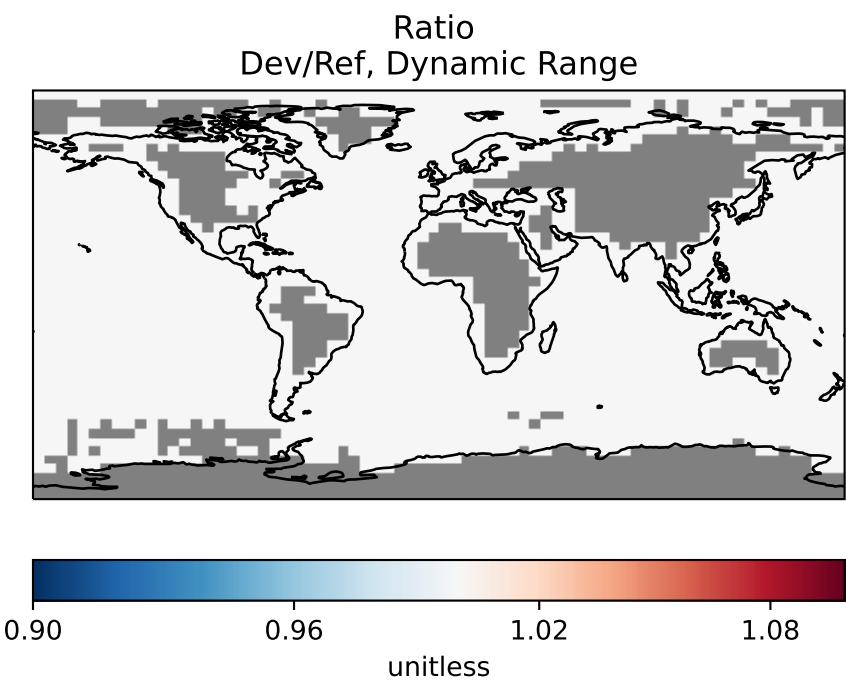
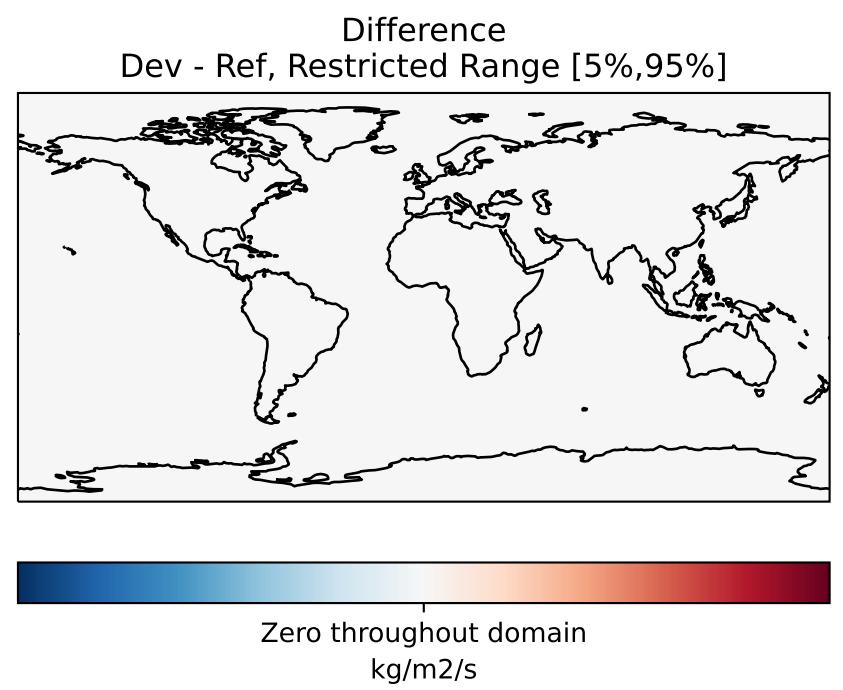
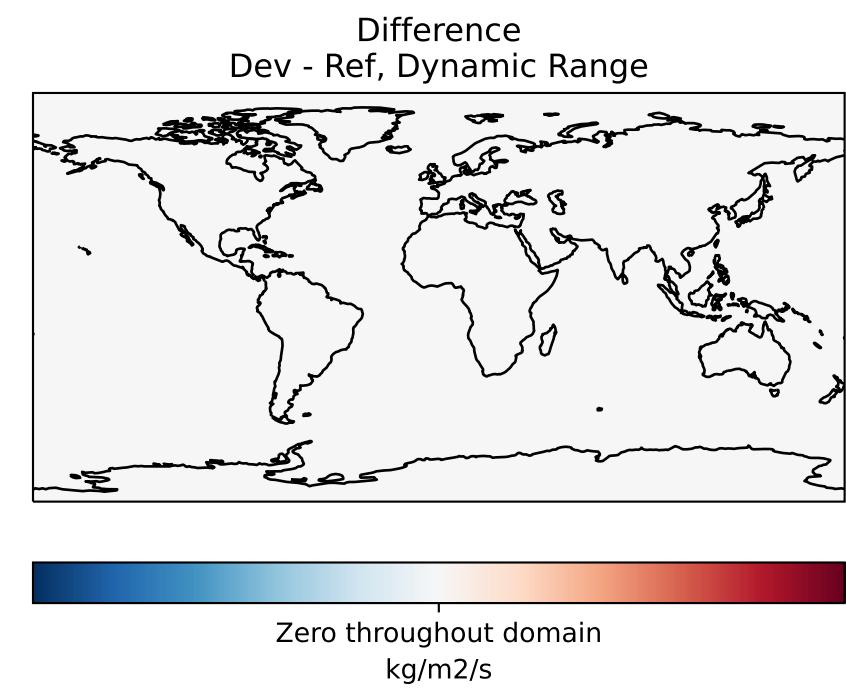
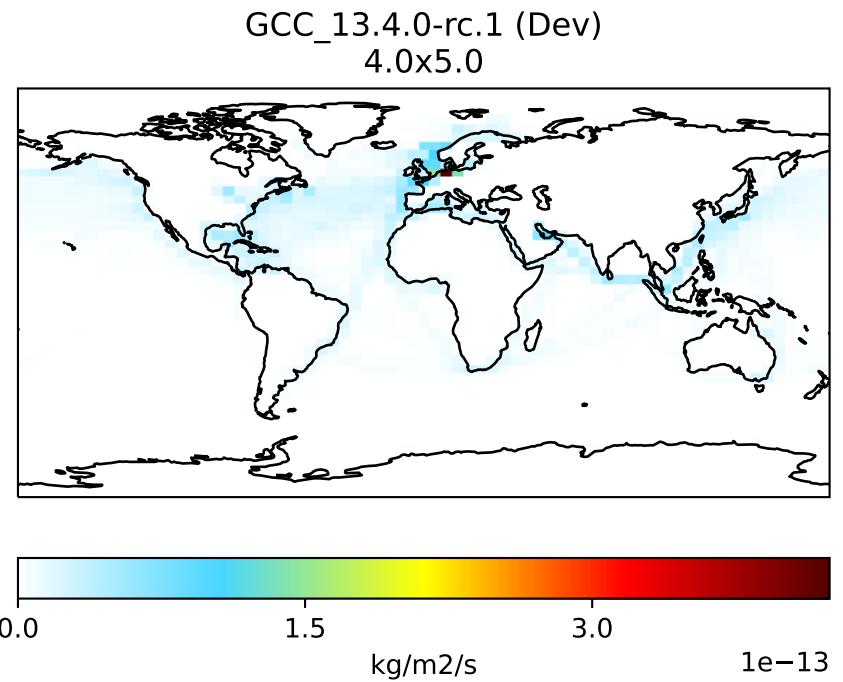
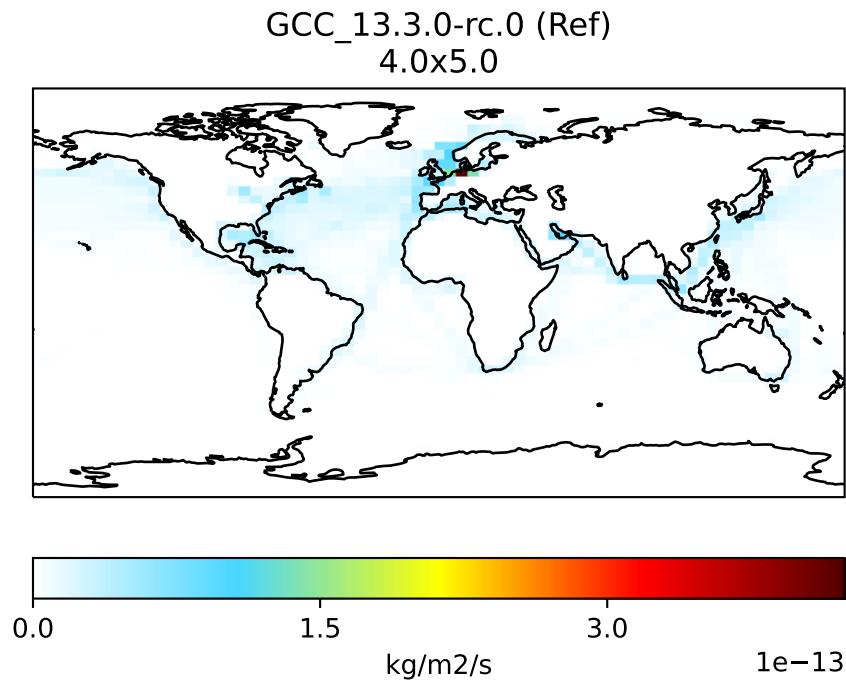
EmisBENZ_Anthro (Apr2019)



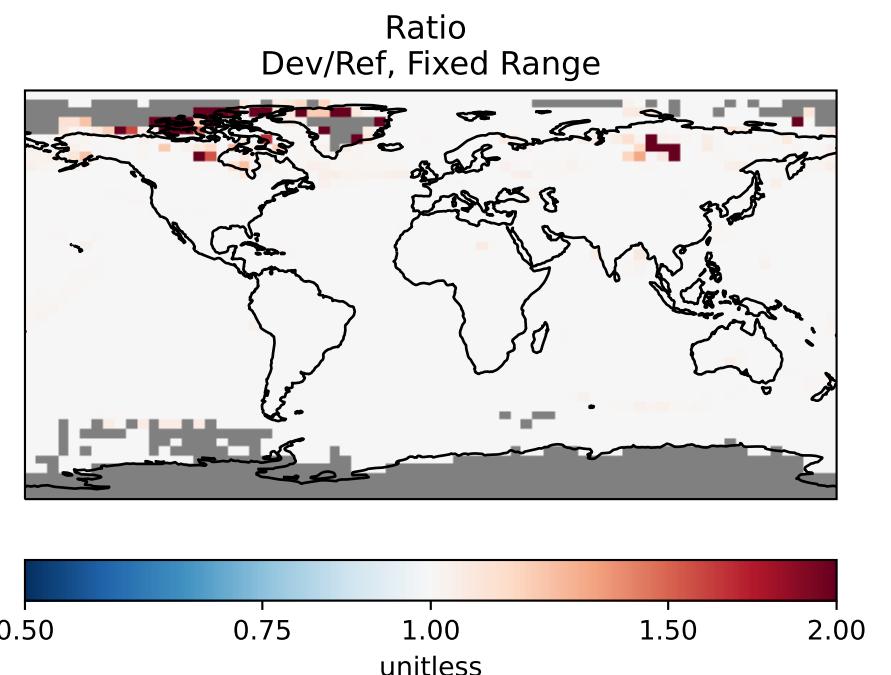
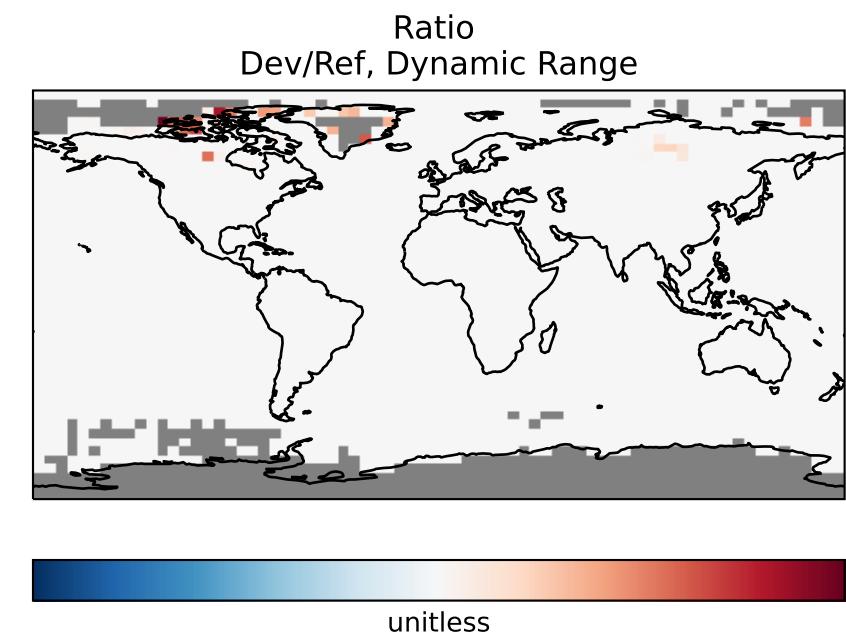
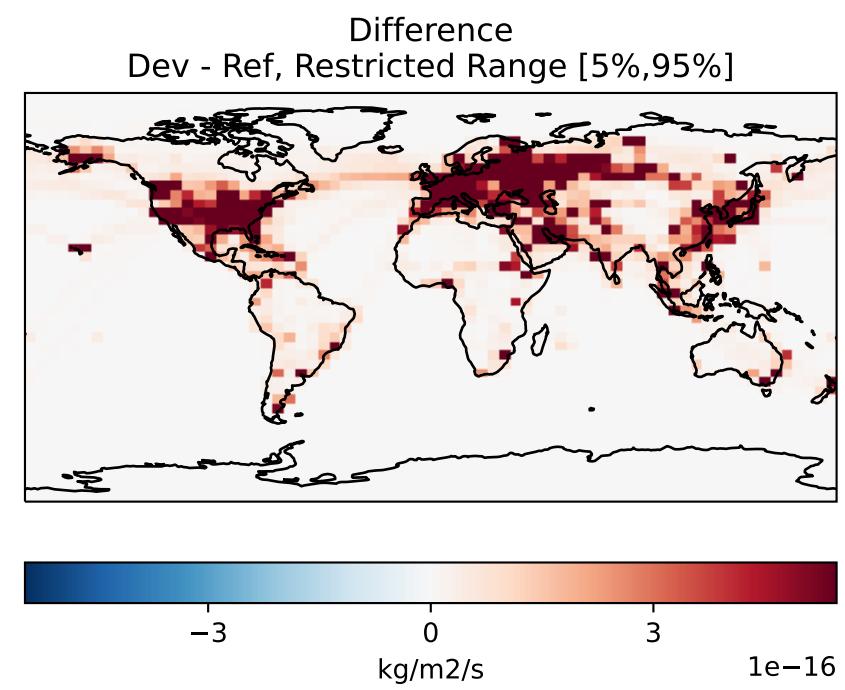
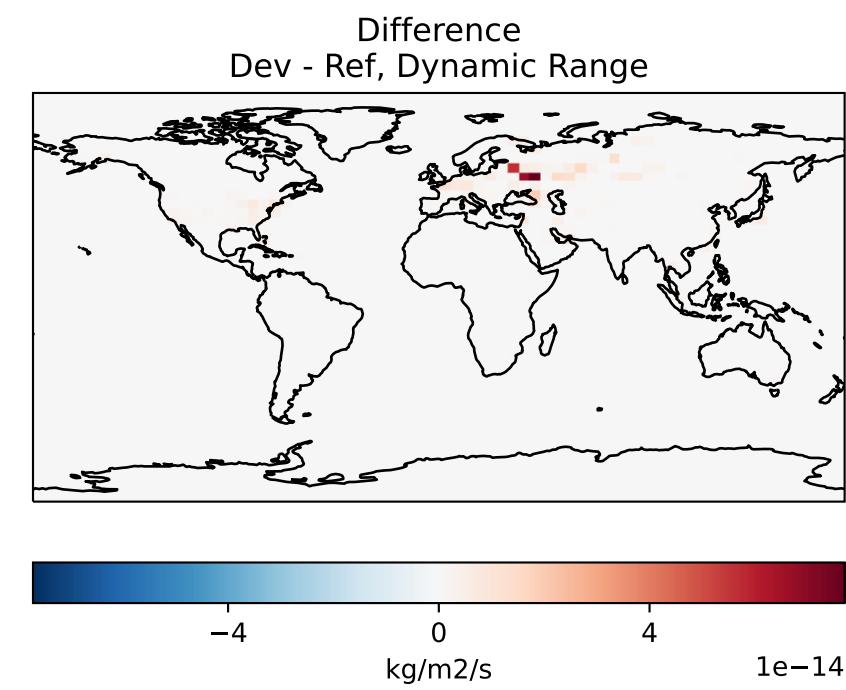
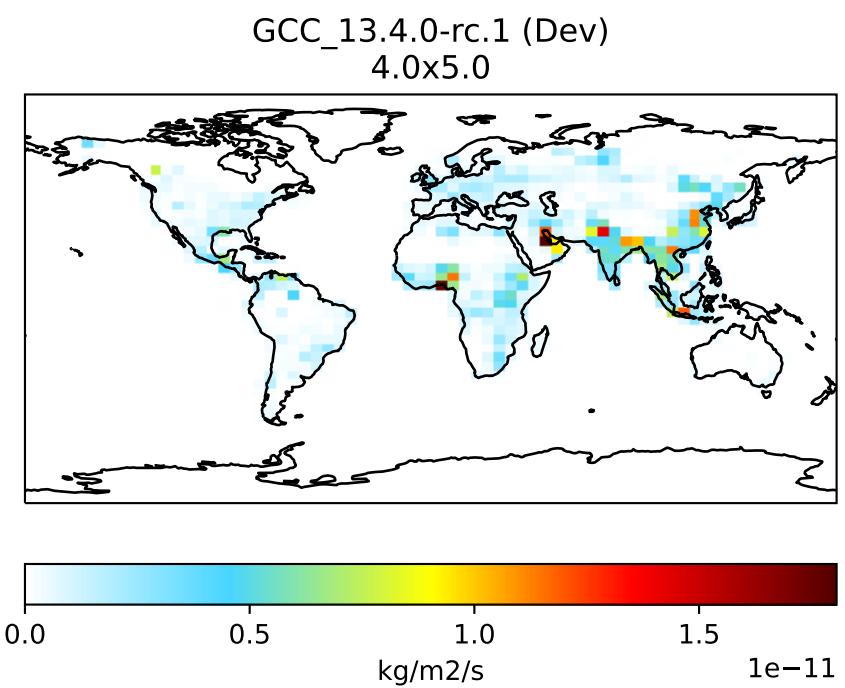
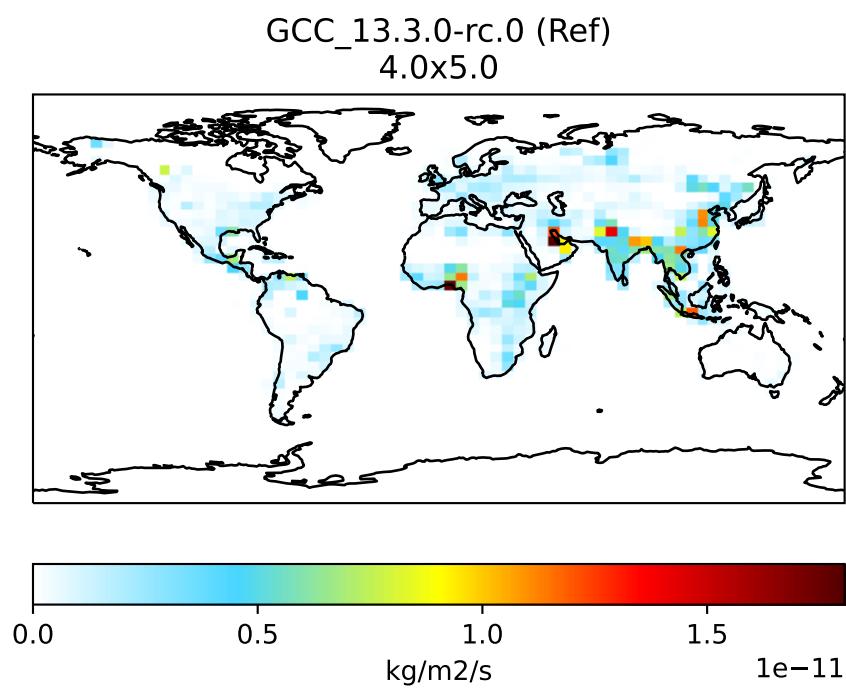
EmisBENZ_BioBurn (Apr2019)



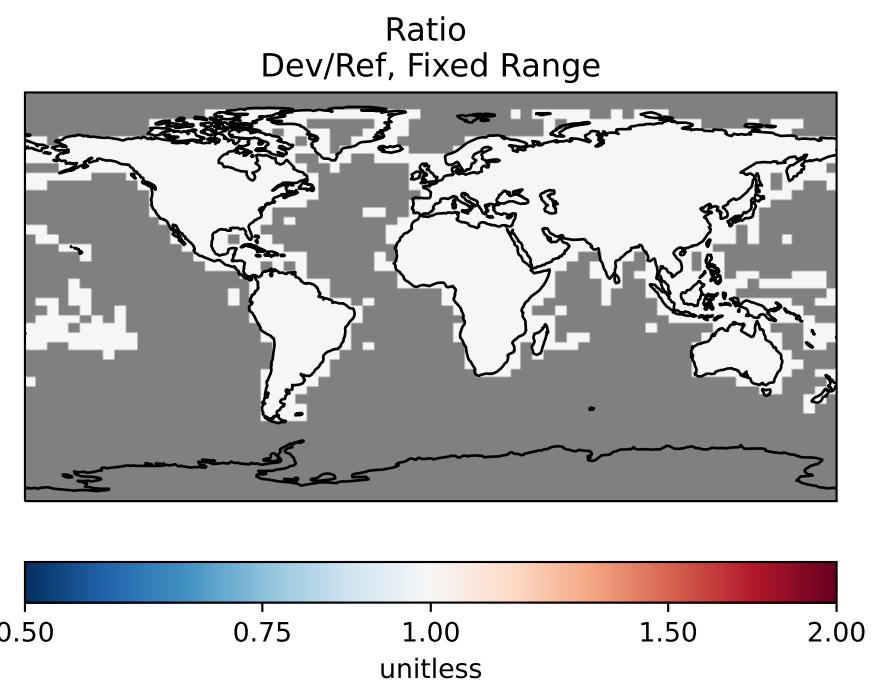
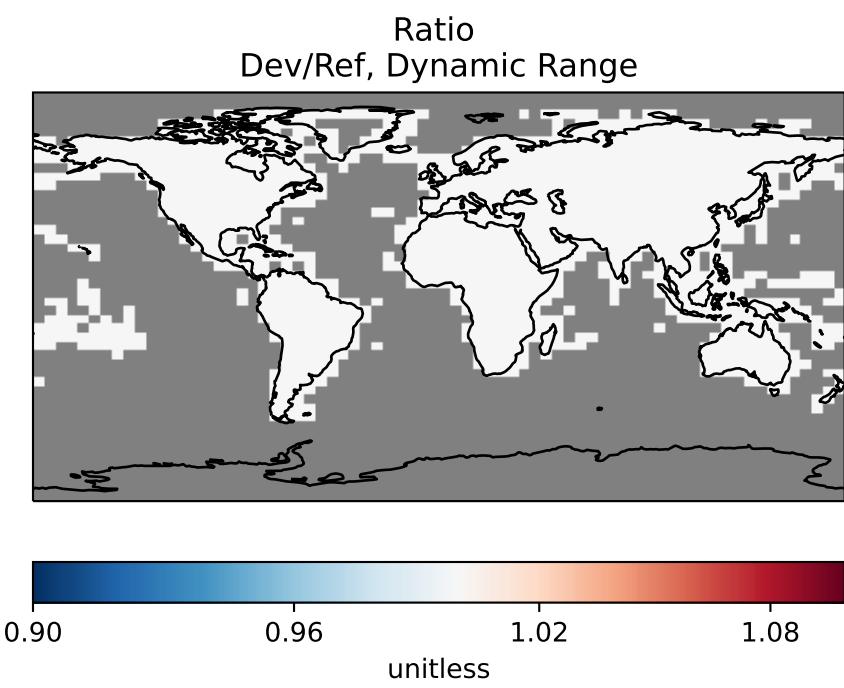
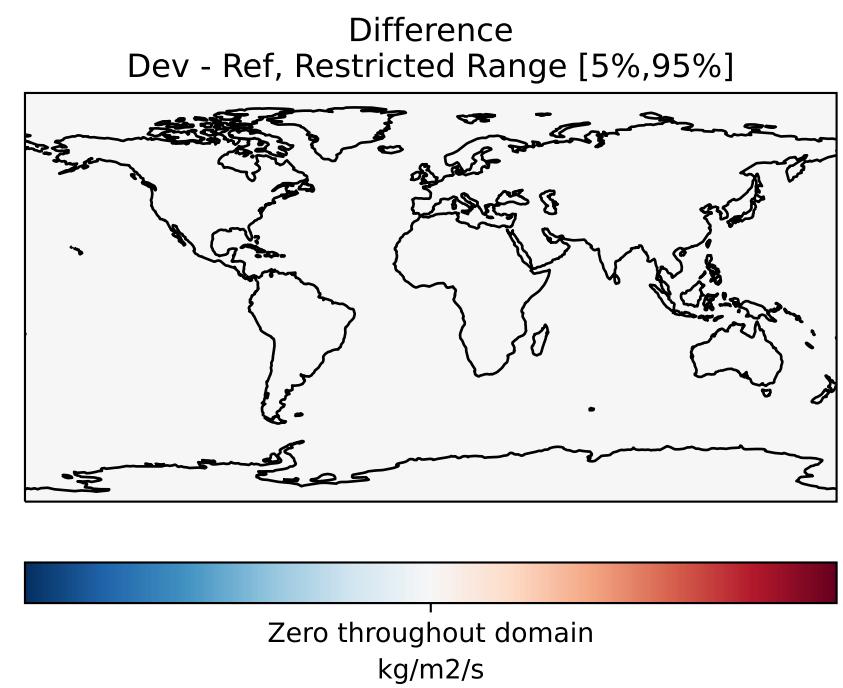
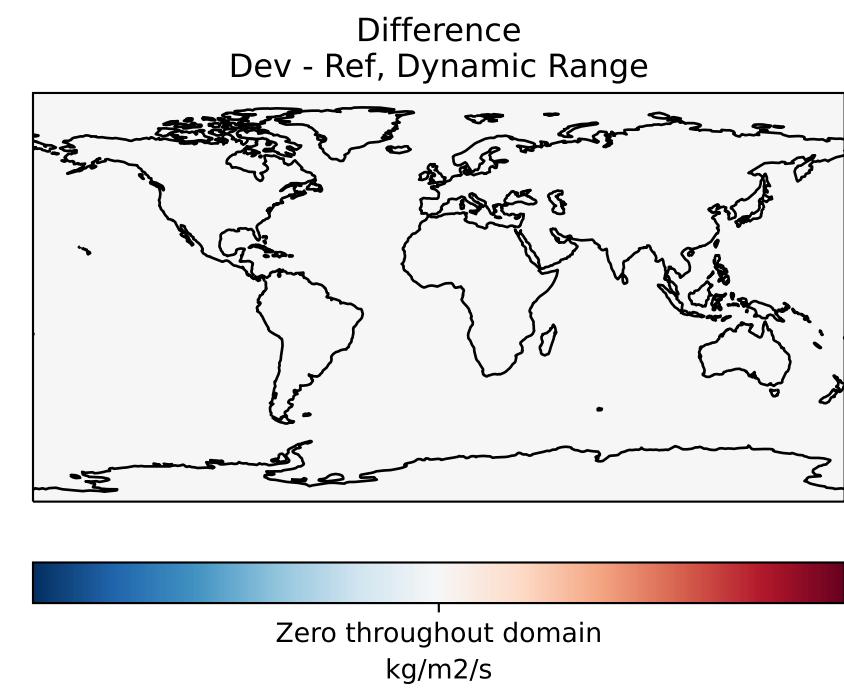
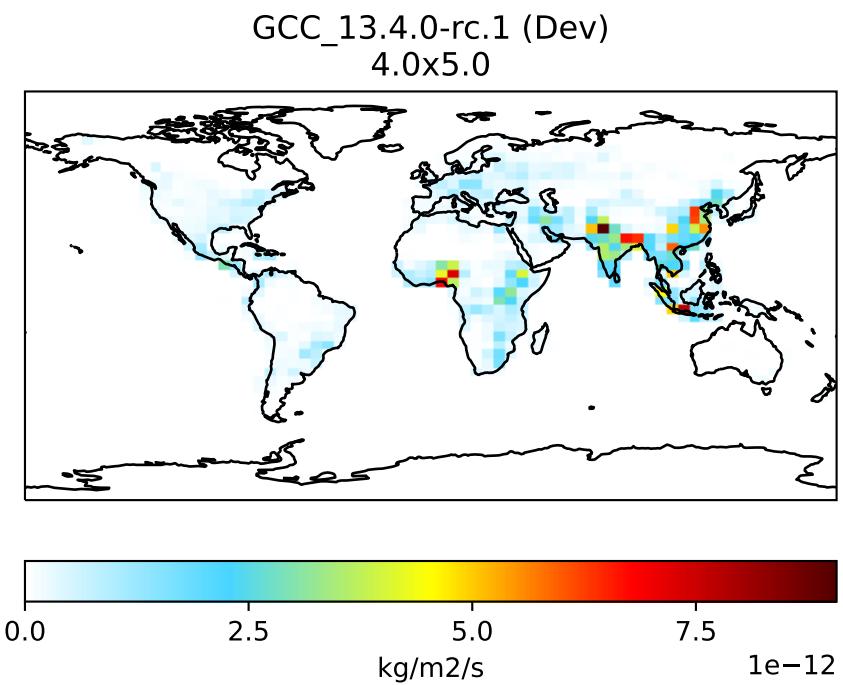
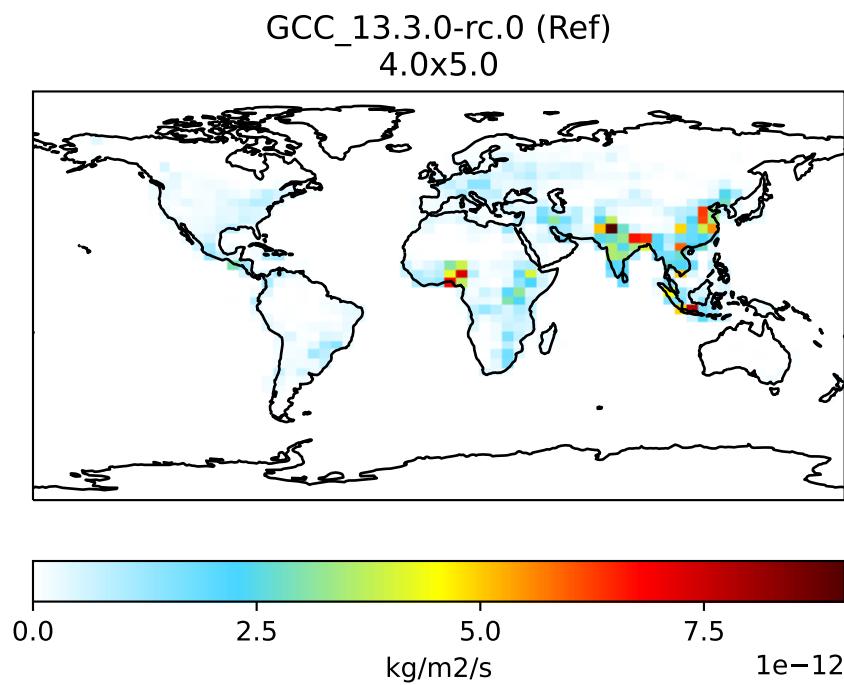
EmisBENZ_Ship (Apr2019)



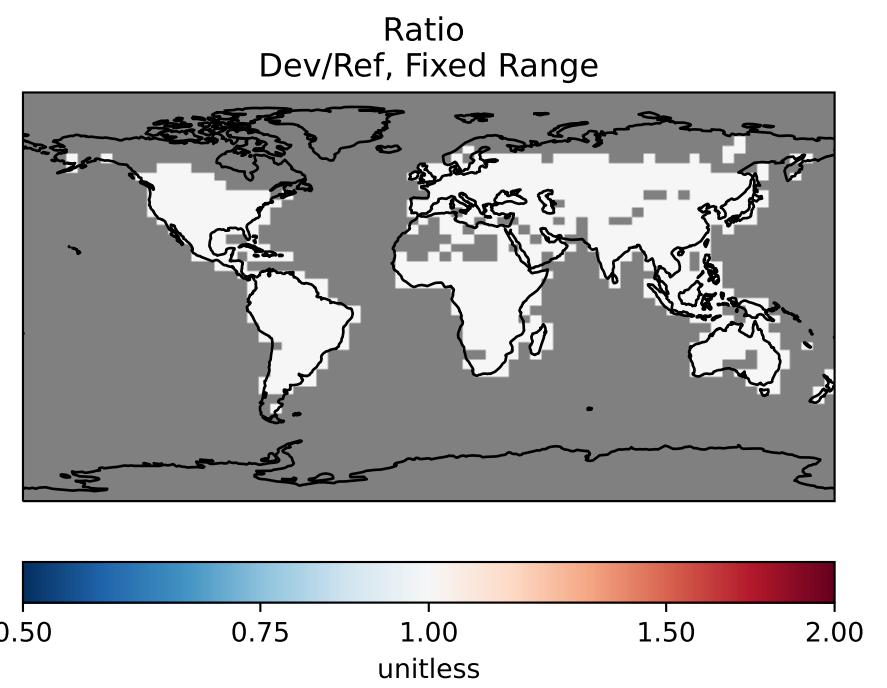
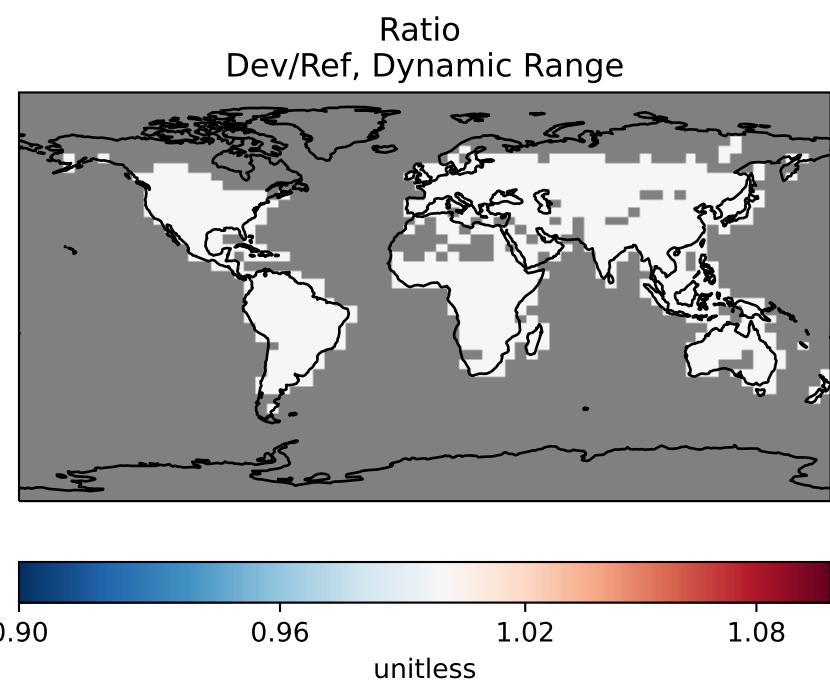
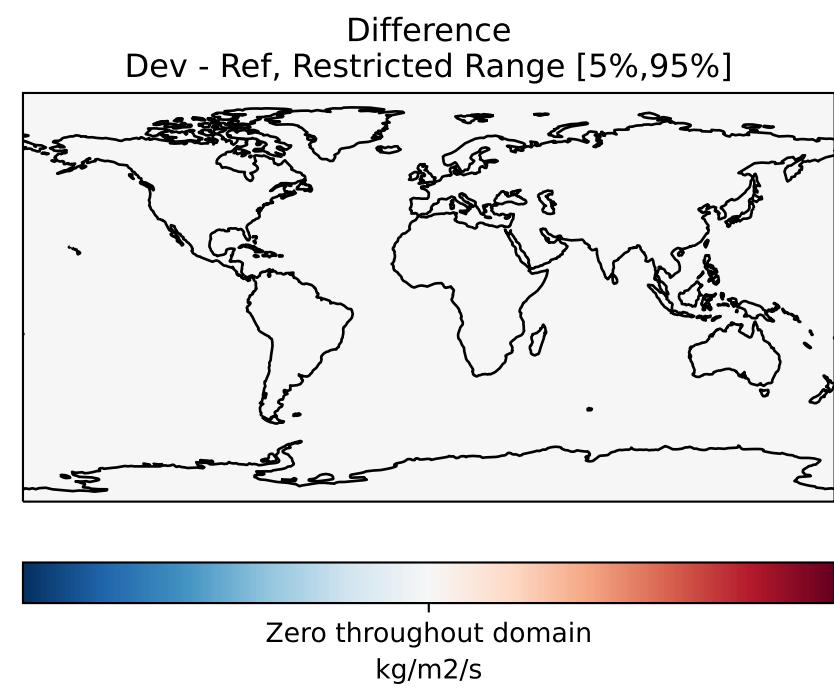
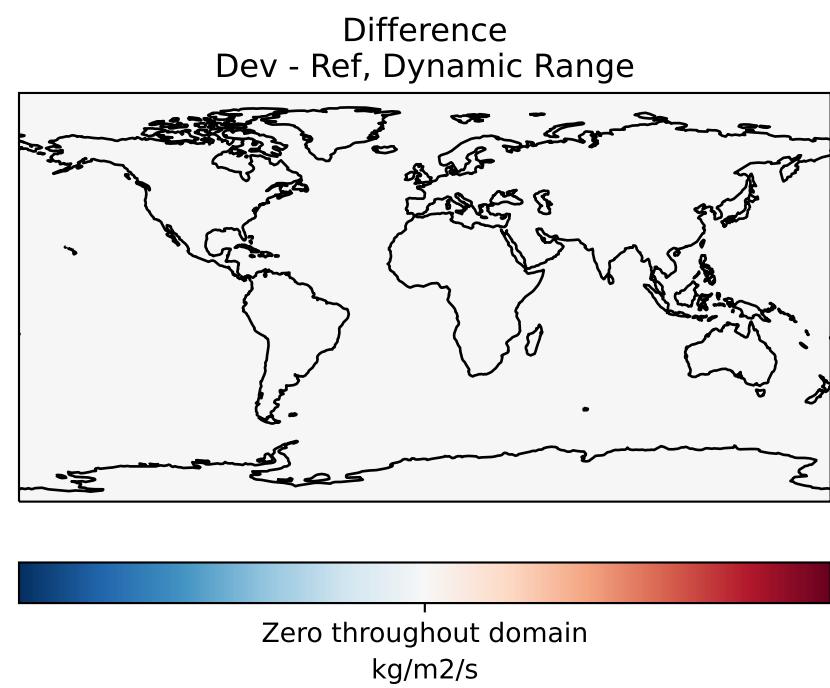
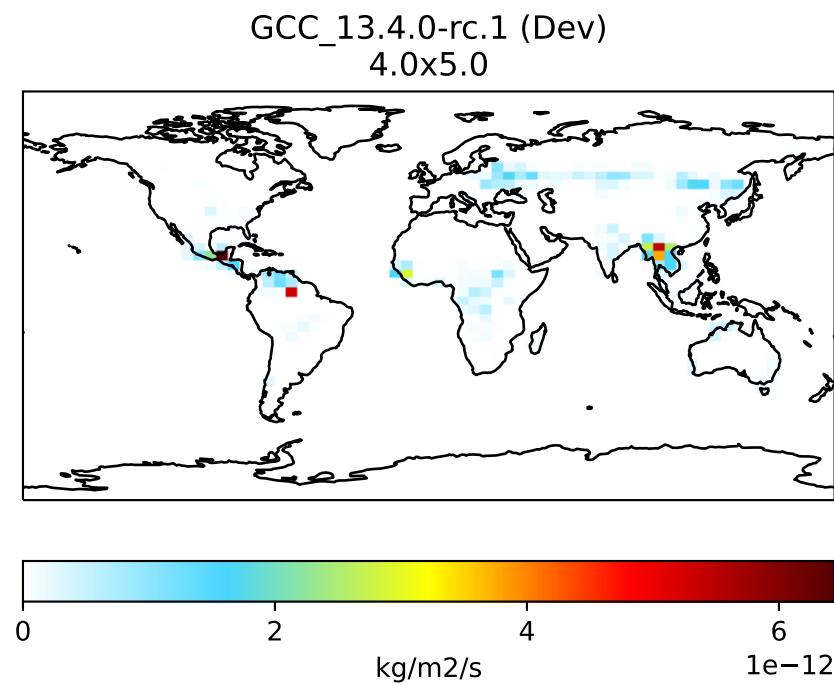
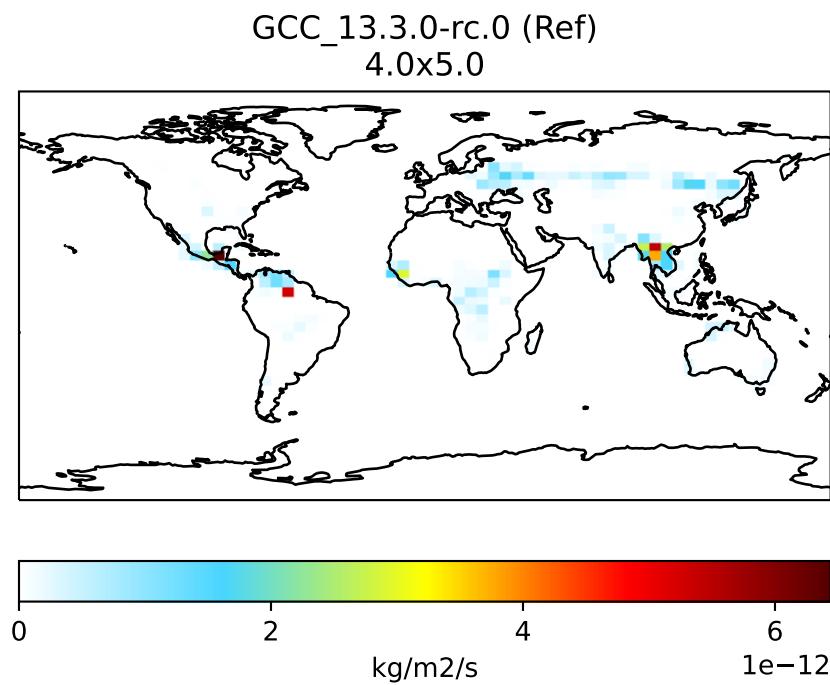
EmisBENZ_Total (Apr2019)



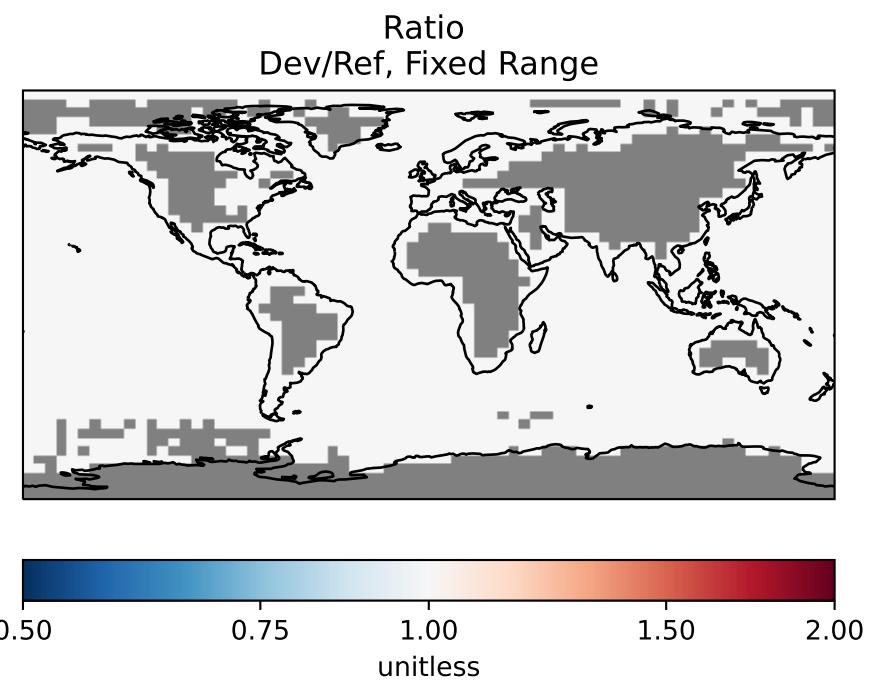
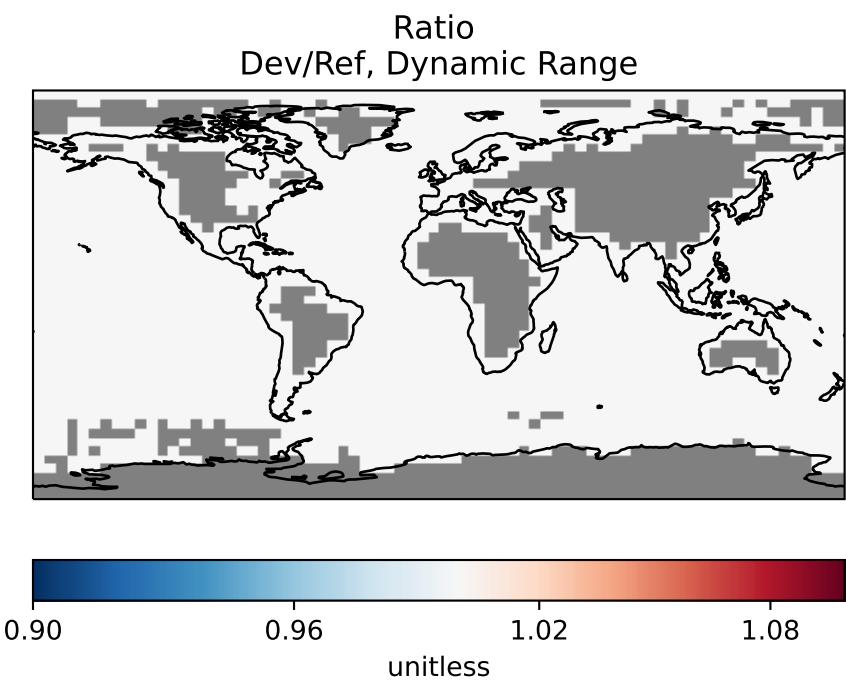
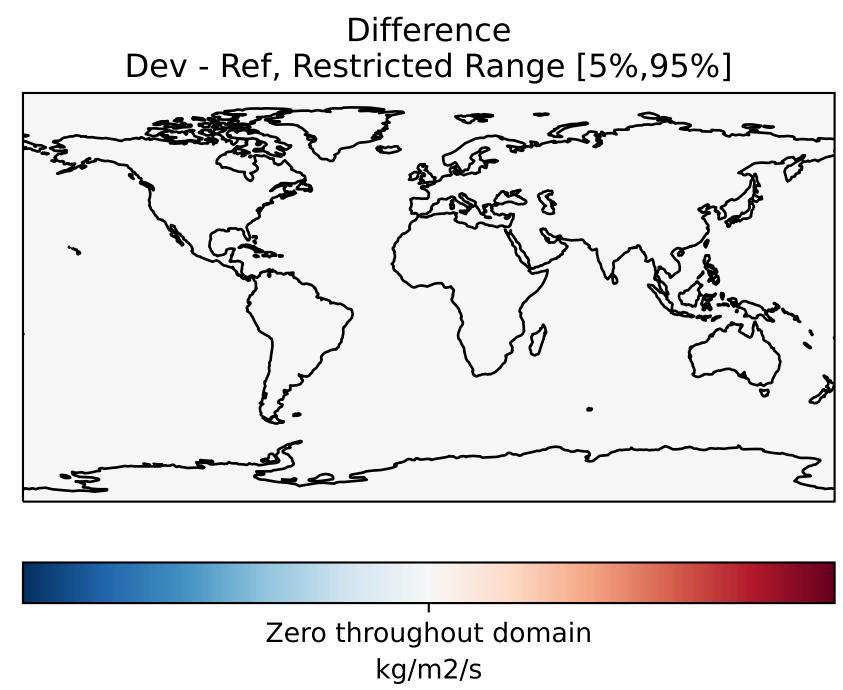
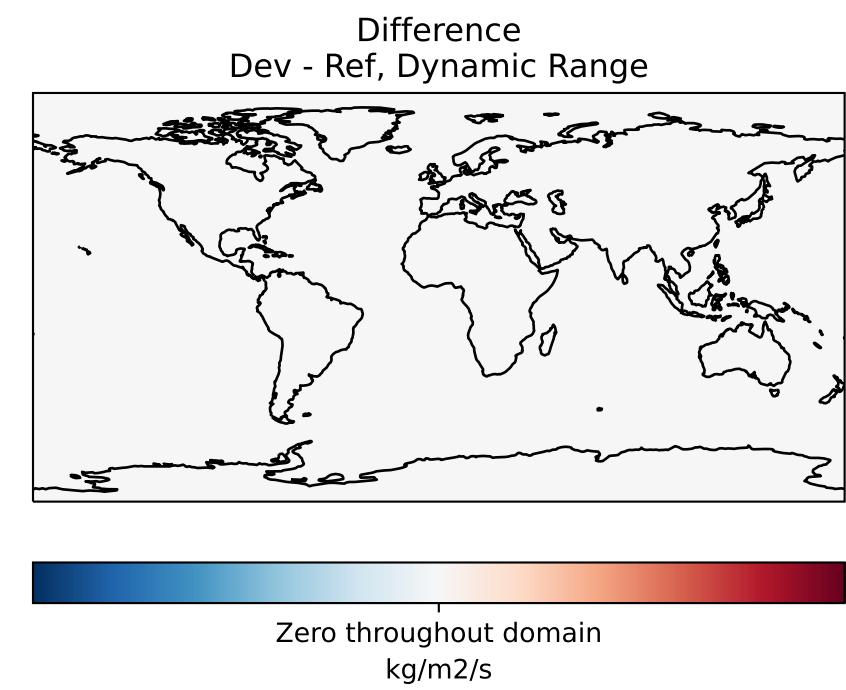
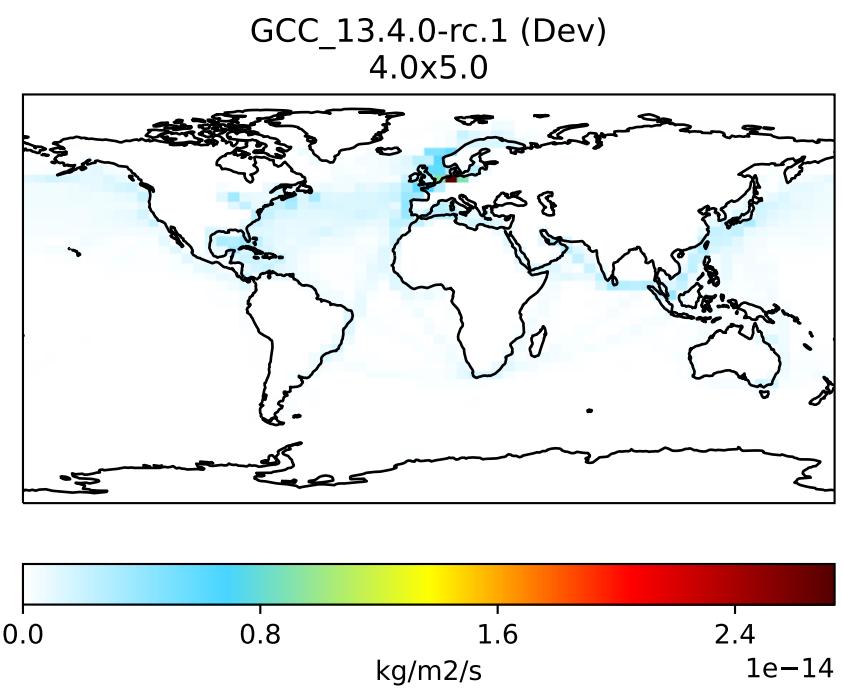
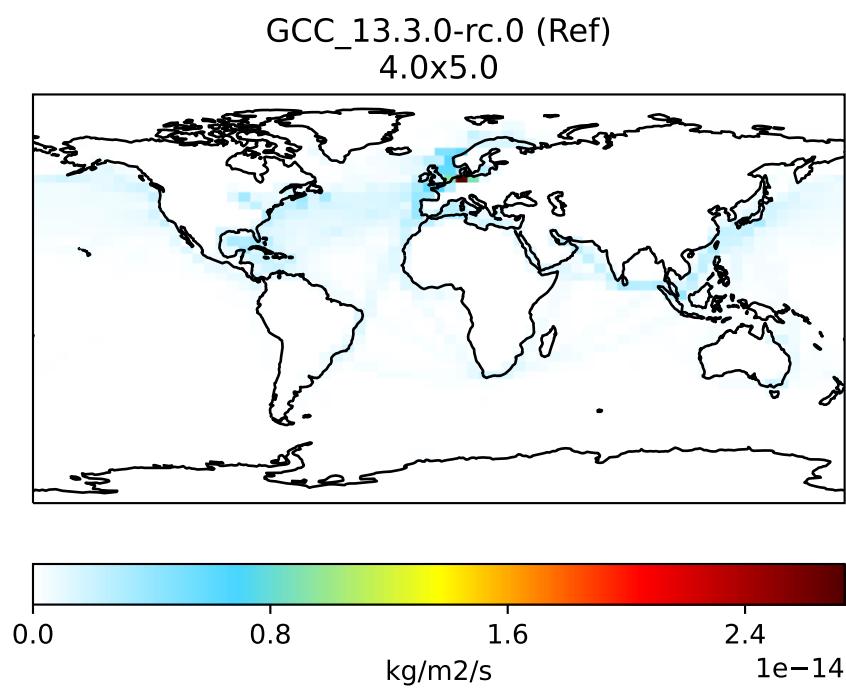
EmisC2H2_Anthro (Apr2019)



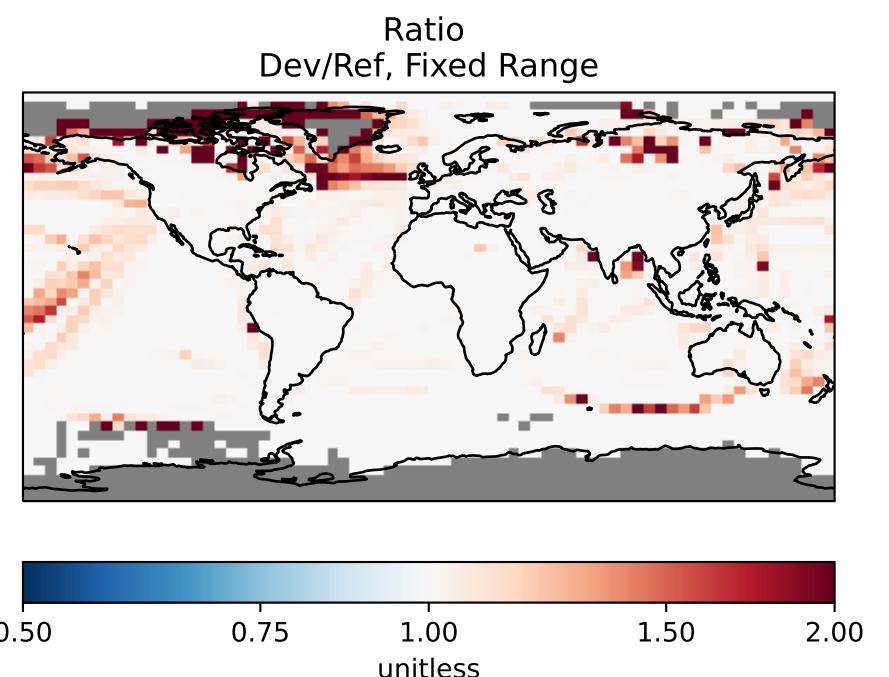
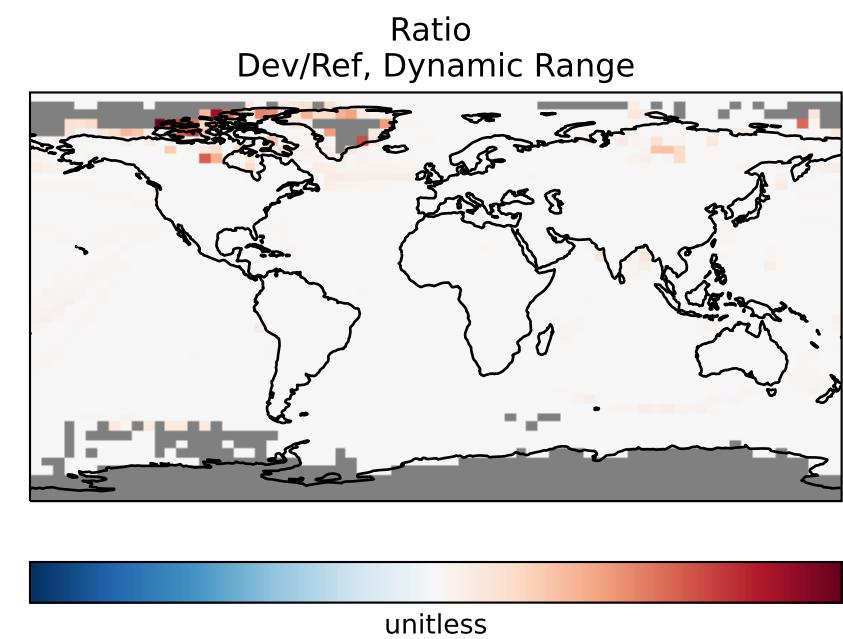
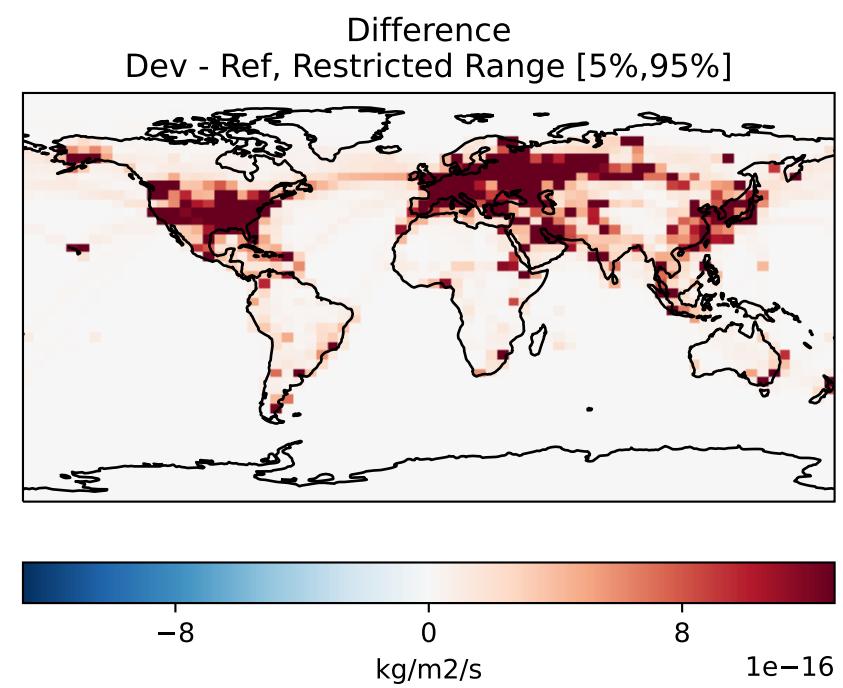
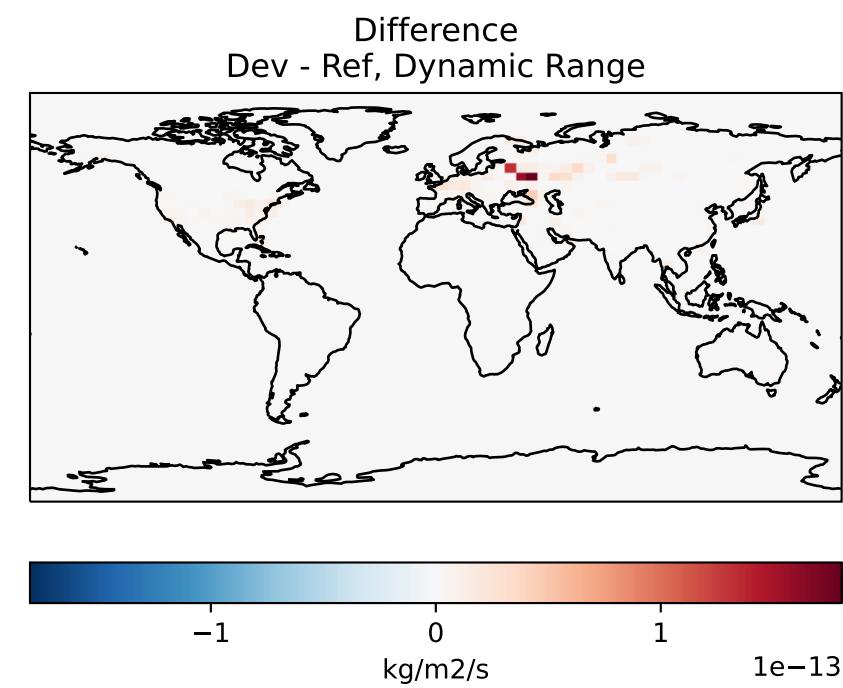
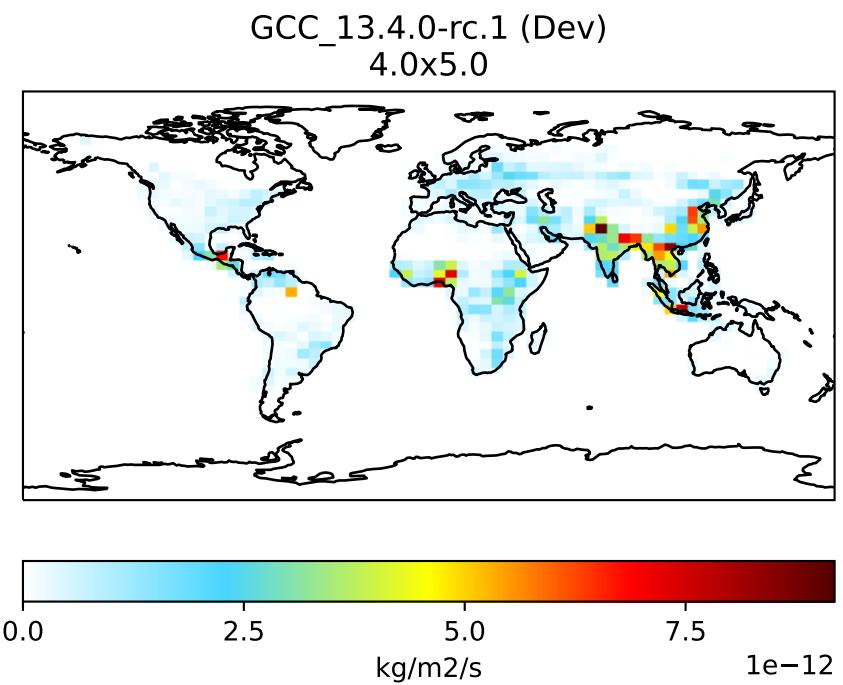
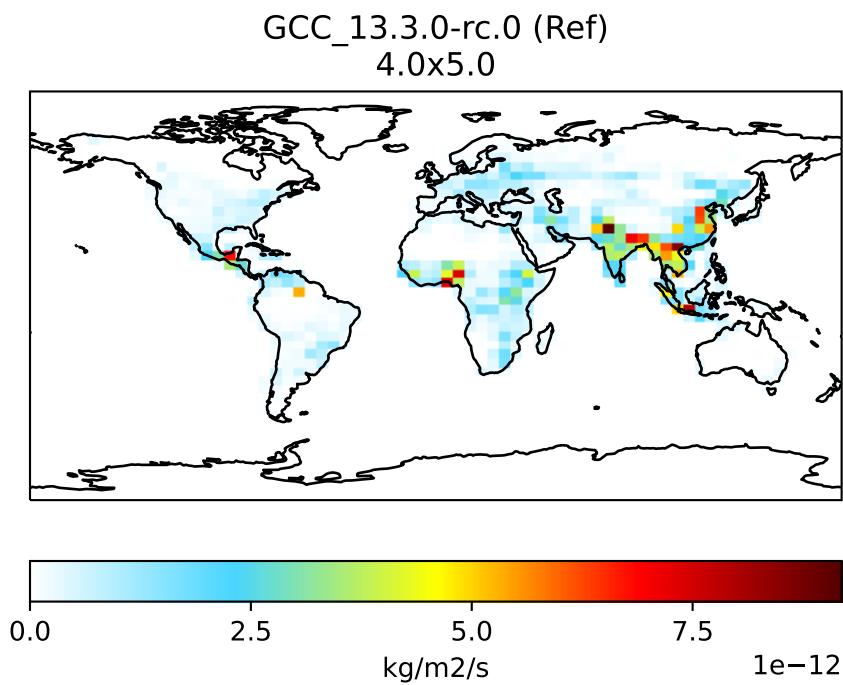
EmisC2H2_BioBurn (Apr2019)



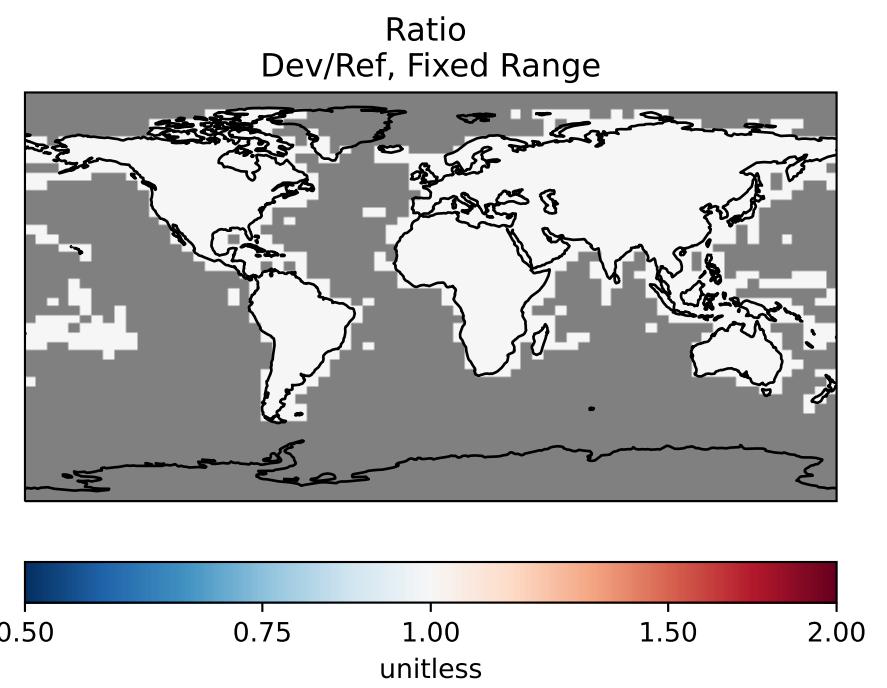
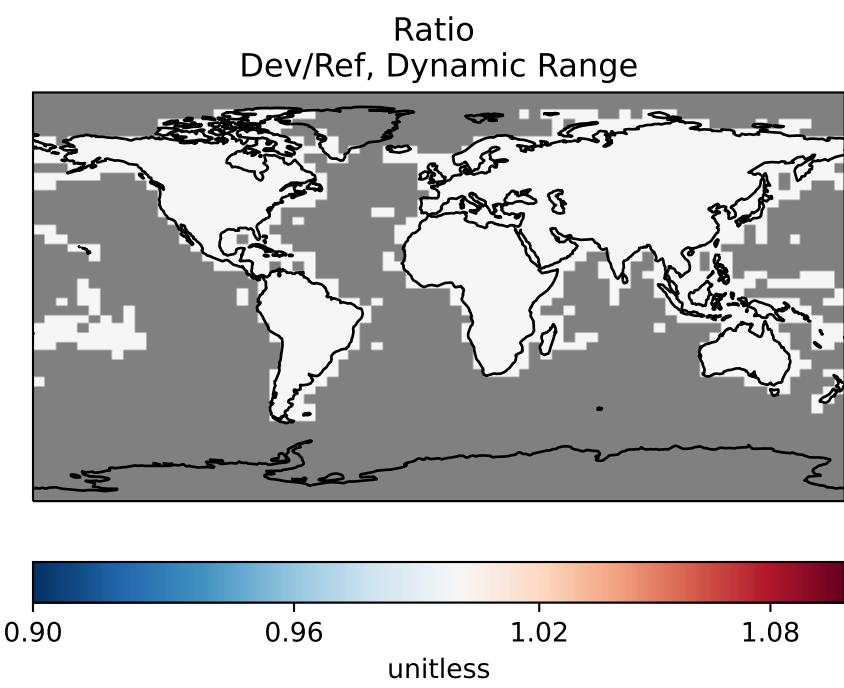
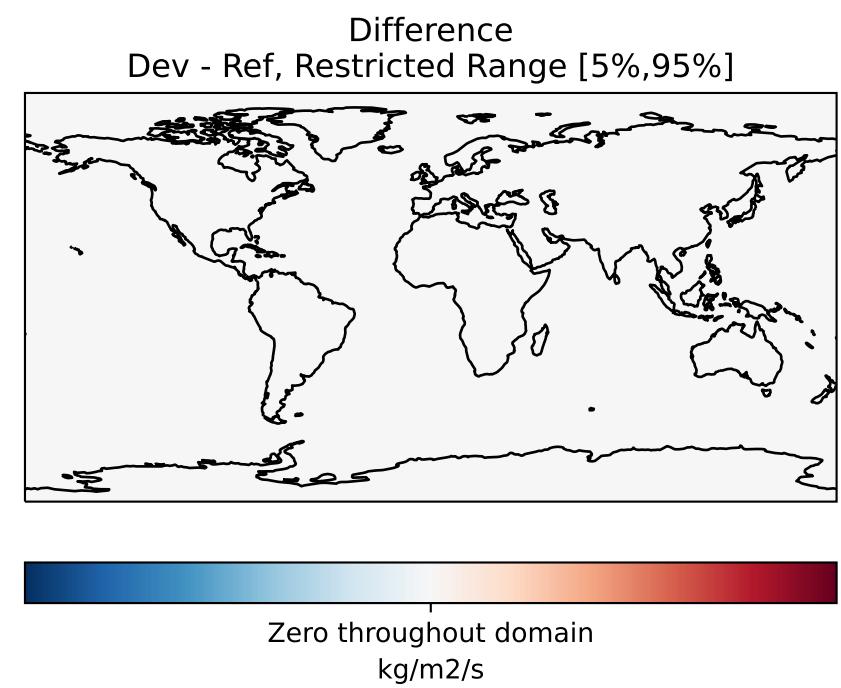
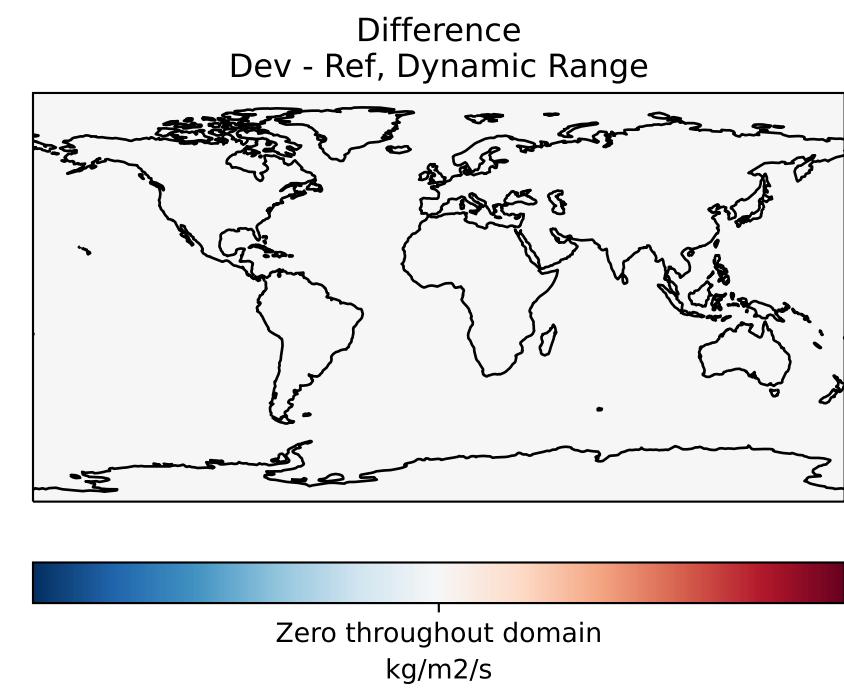
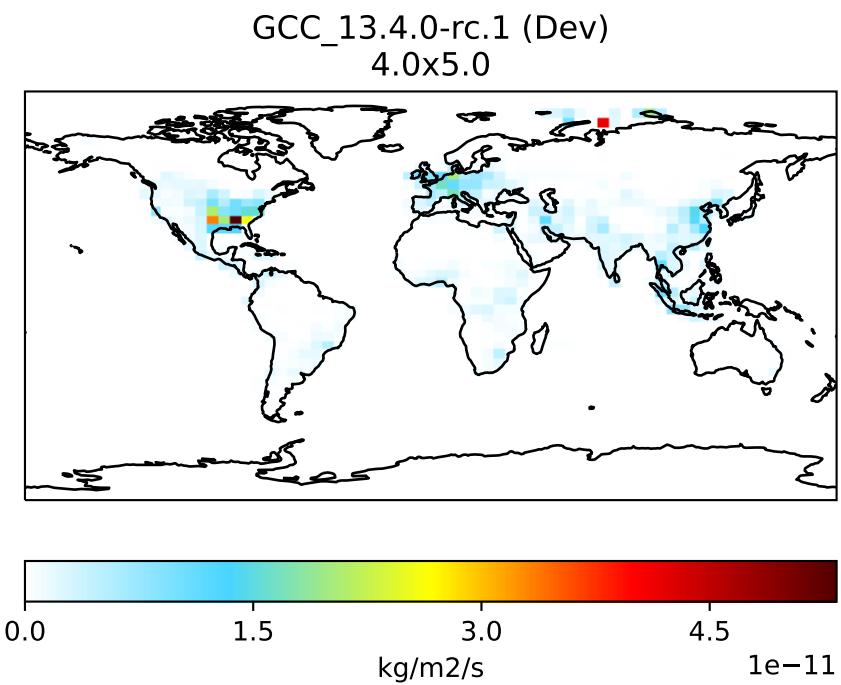
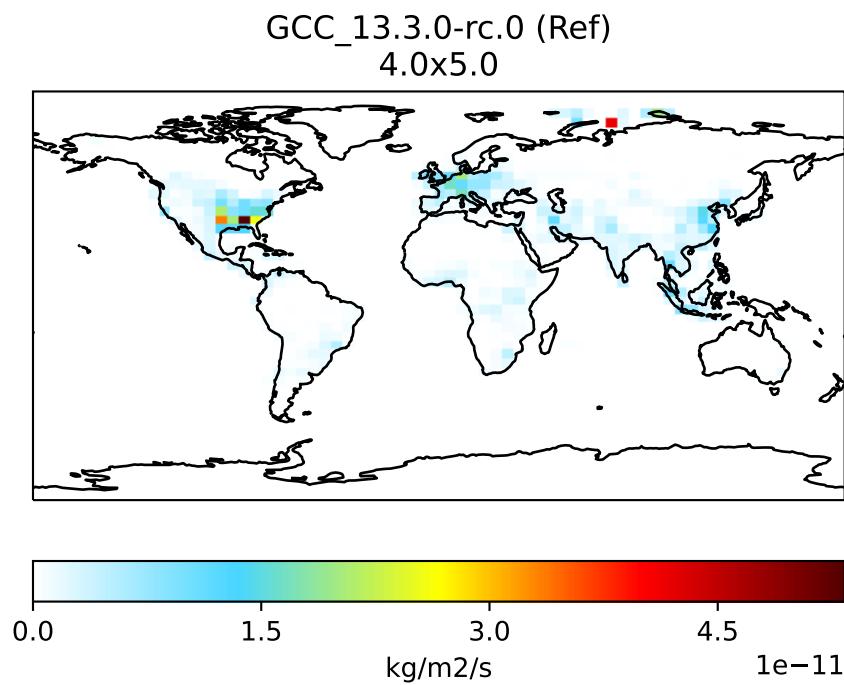
EmisC2H2_Ship (Apr2019)



EmisC2H2_Total (Apr2019)

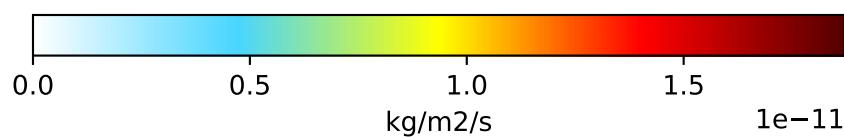
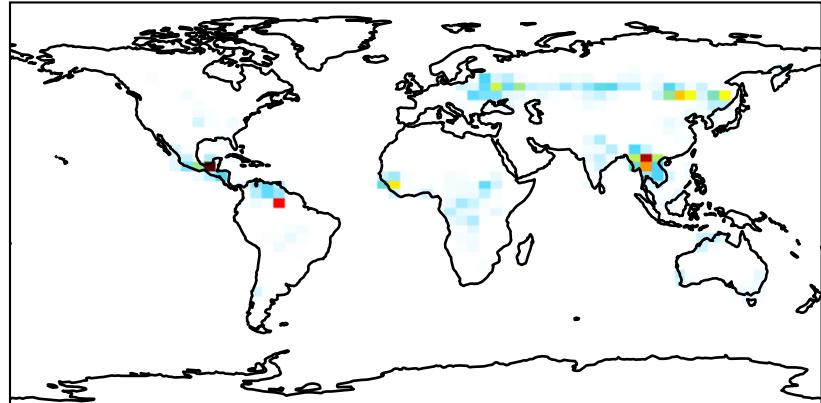


EmisC2H4_Anthro (Apr2019)

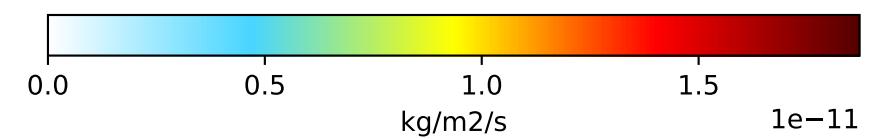
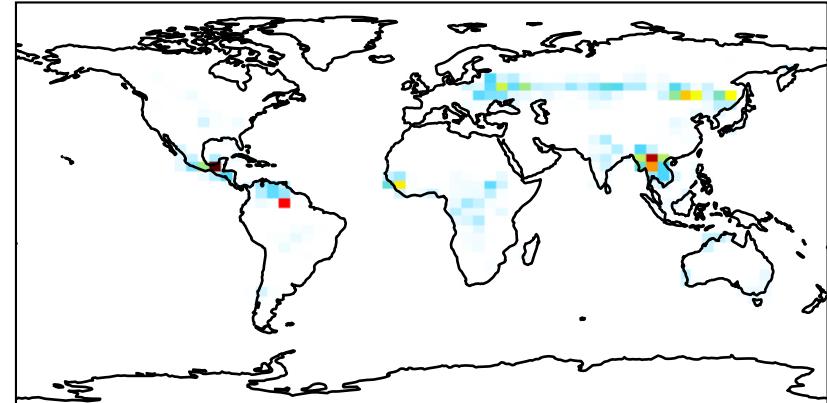


EmisC2H4_BioBurn (Apr2019)

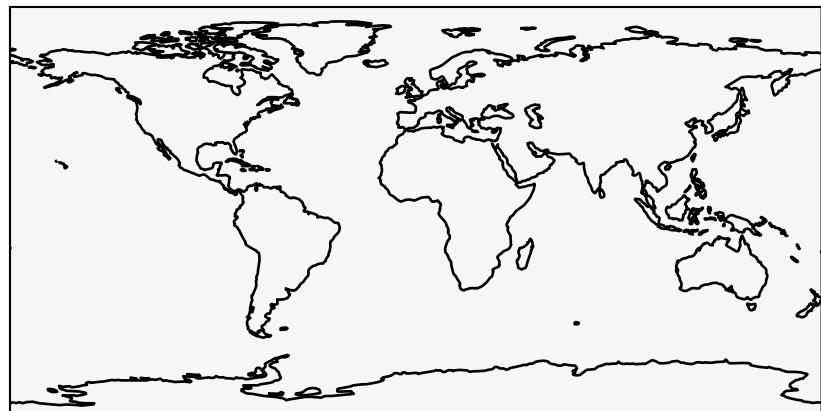
GCC_13.3.0-rc.0 (Ref)
4.0x5.0



GCC_13.4.0-rc.1 (Dev)
4.0x5.0

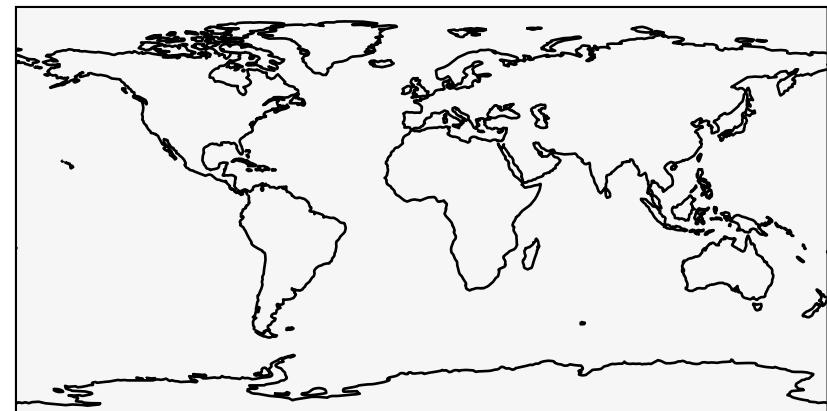


Difference
Dev - Ref, Dynamic Range



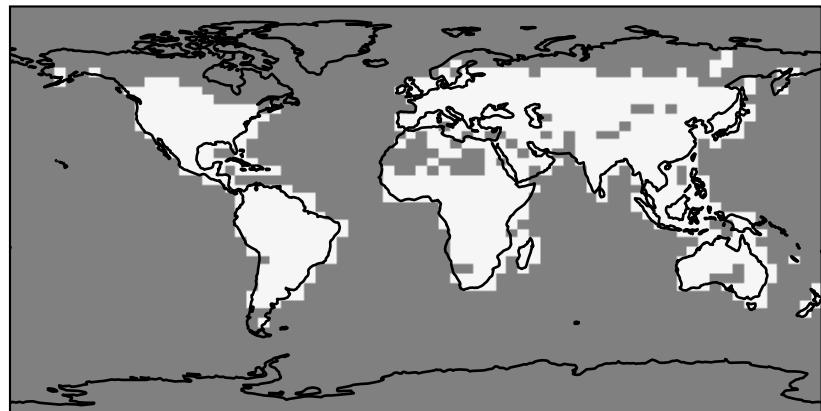
Zero throughout domain
kg/m²/s

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



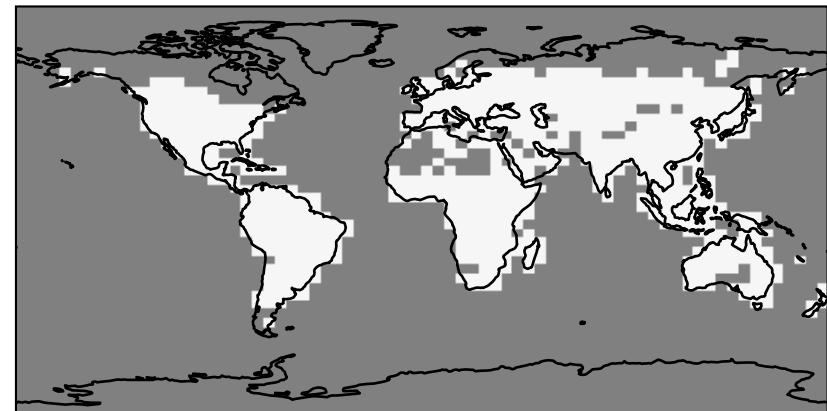
Zero throughout domain
kg/m²/s

Ratio
Dev/Ref, Dynamic Range



0.90 0.96 1.02 1.08
unitless

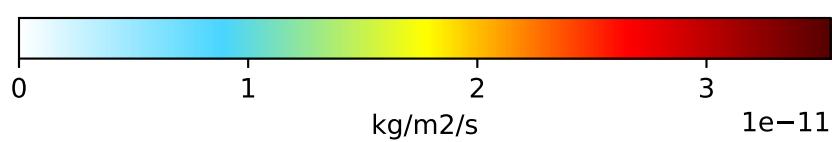
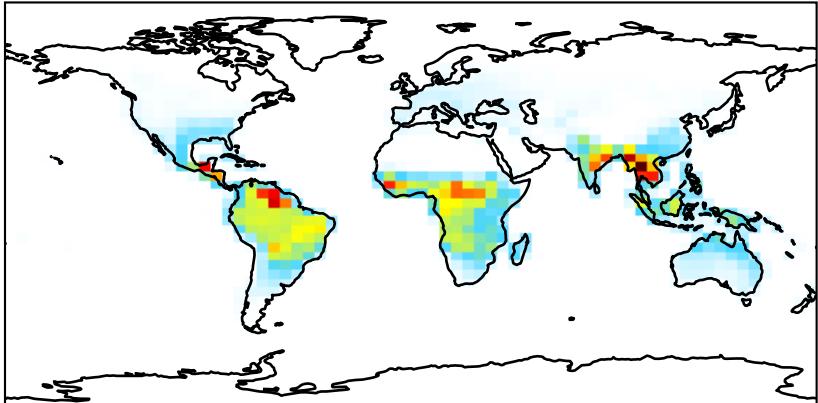
Ratio
Dev/Ref, Fixed Range



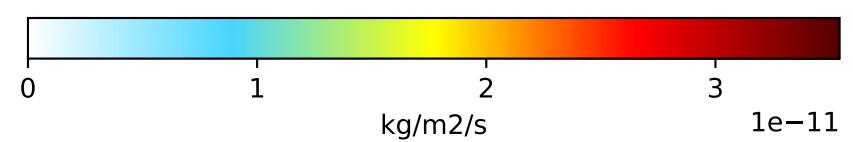
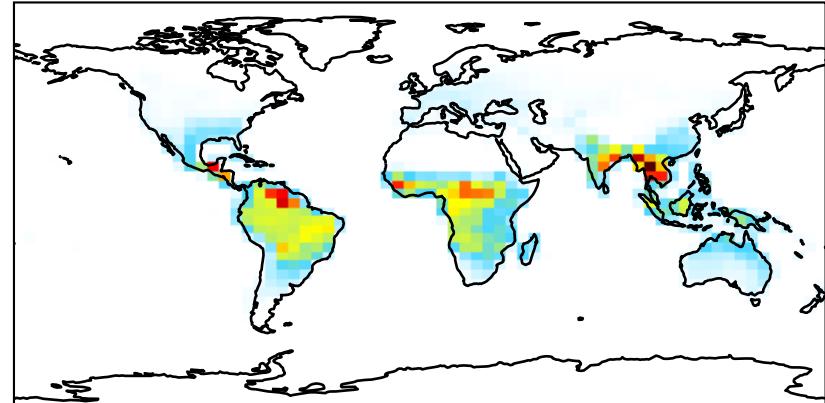
0.50 0.75 1.00 1.50 2.00
unitless

EmisC2H4_Biogenic (Apr2019)

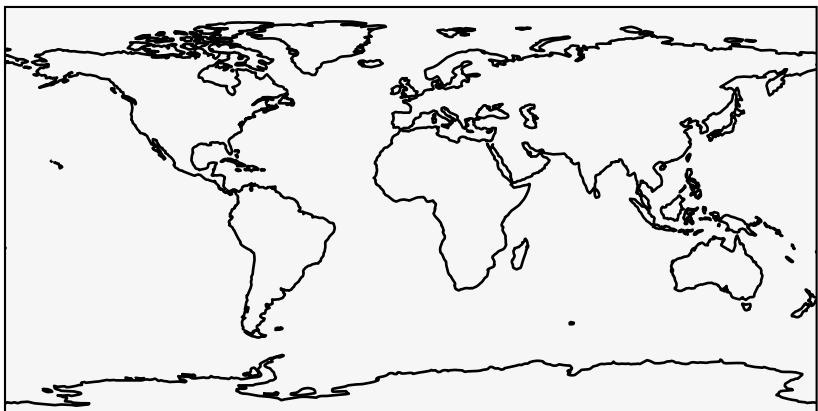
GCC_13.3.0-rc.0 (Ref)
4.0x5.0



GCC_13.4.0-rc.1 (Dev)
4.0x5.0

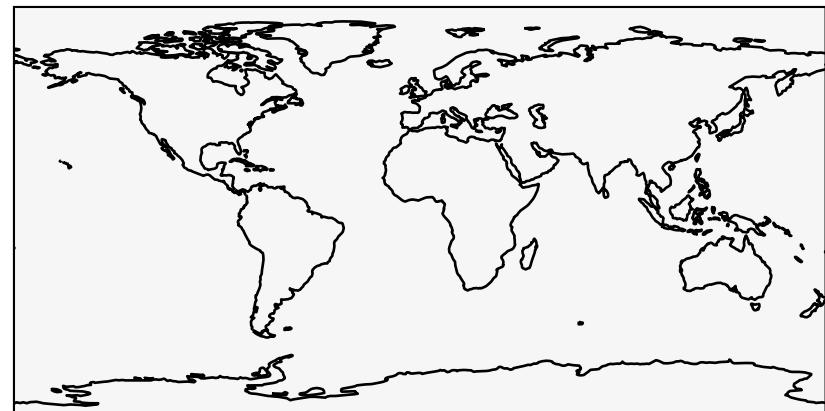


Difference
Dev - Ref, Dynamic Range



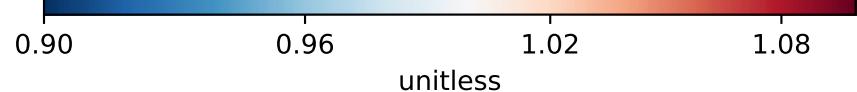
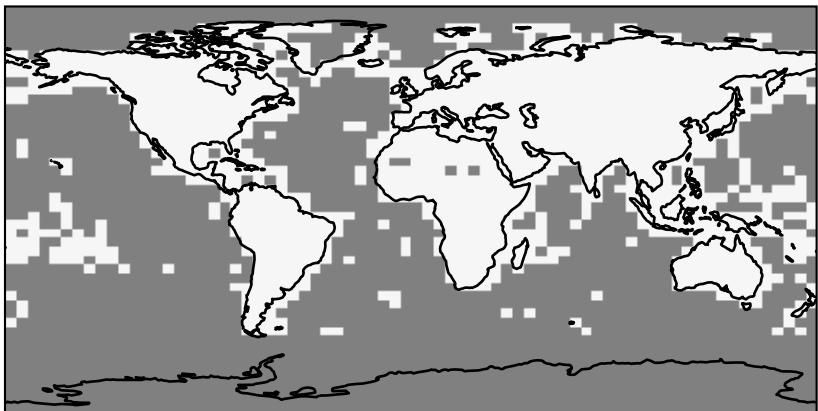
Zero throughout domain
kg/m2/s

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

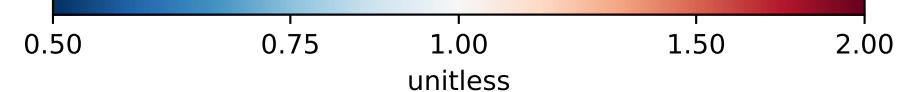
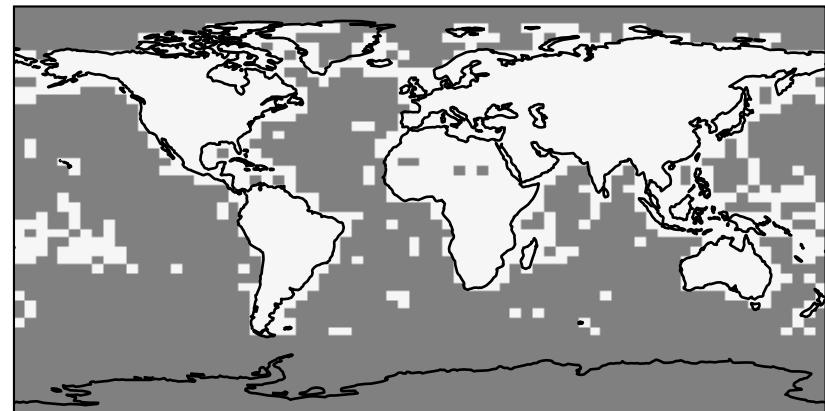


Zero throughout domain
kg/m2/s

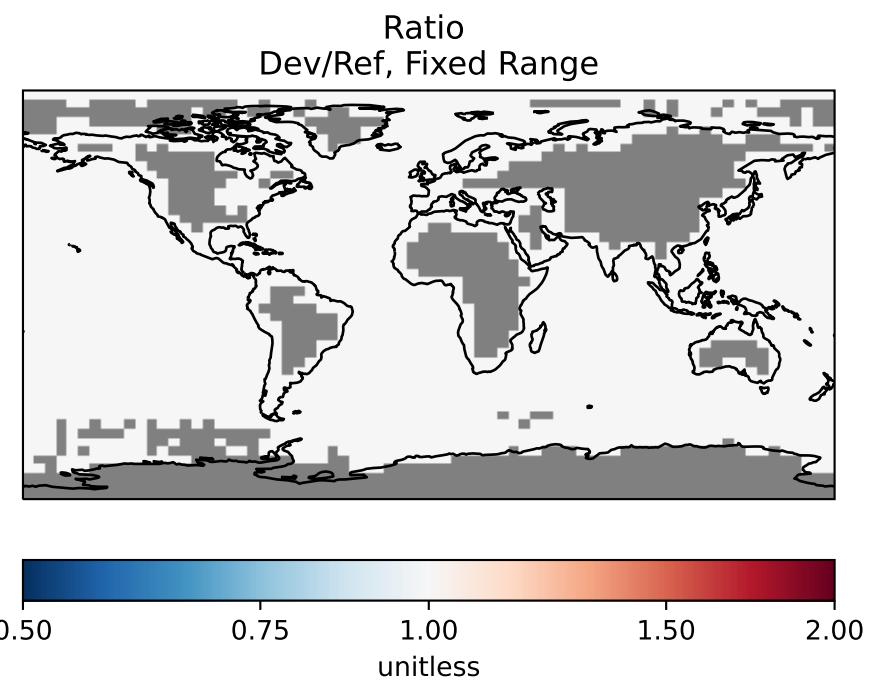
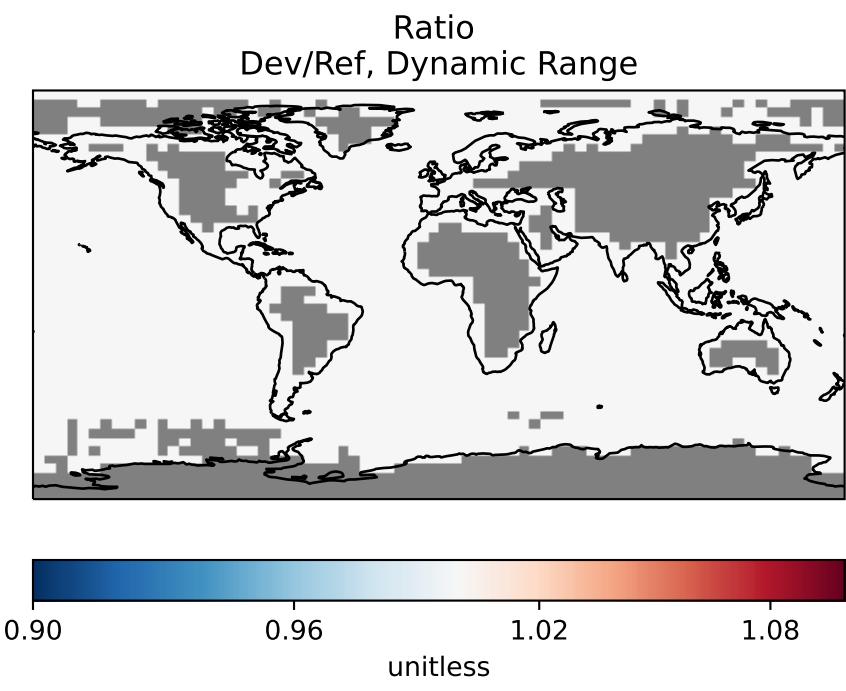
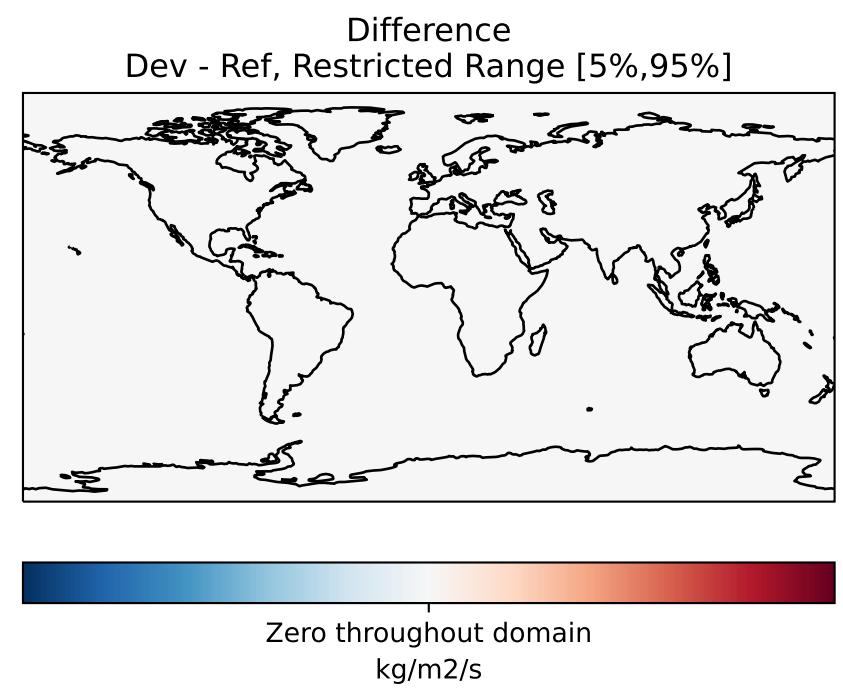
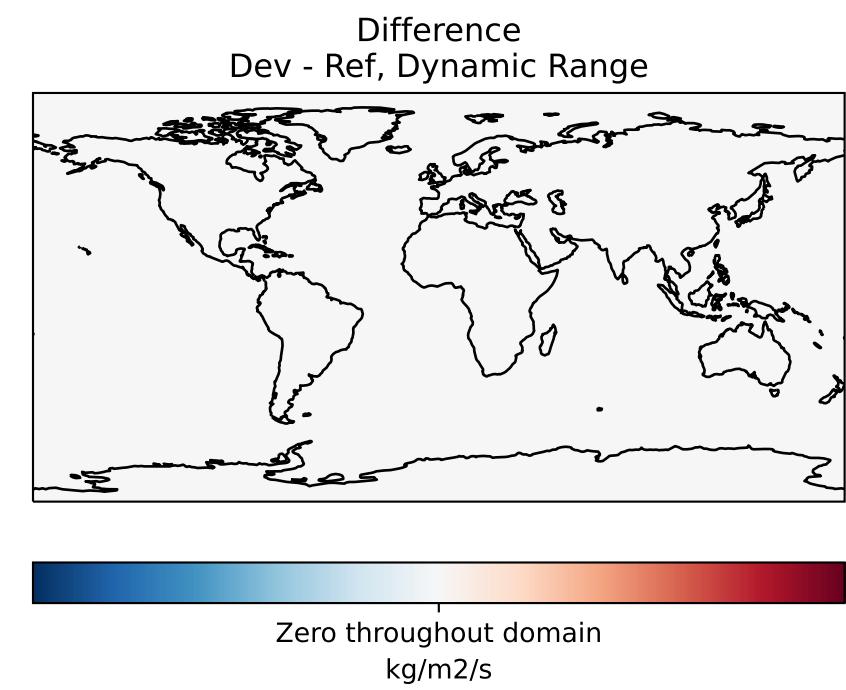
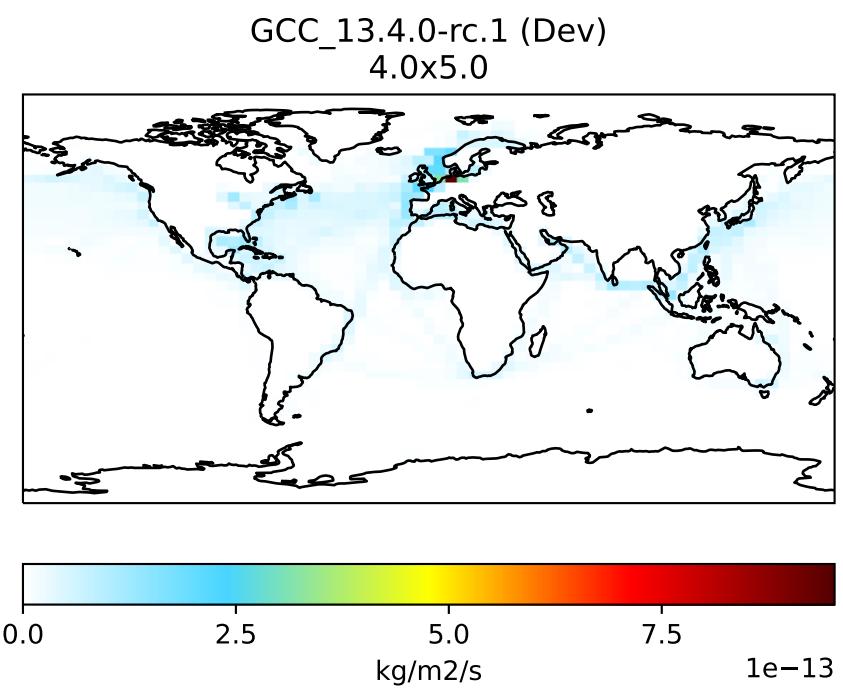
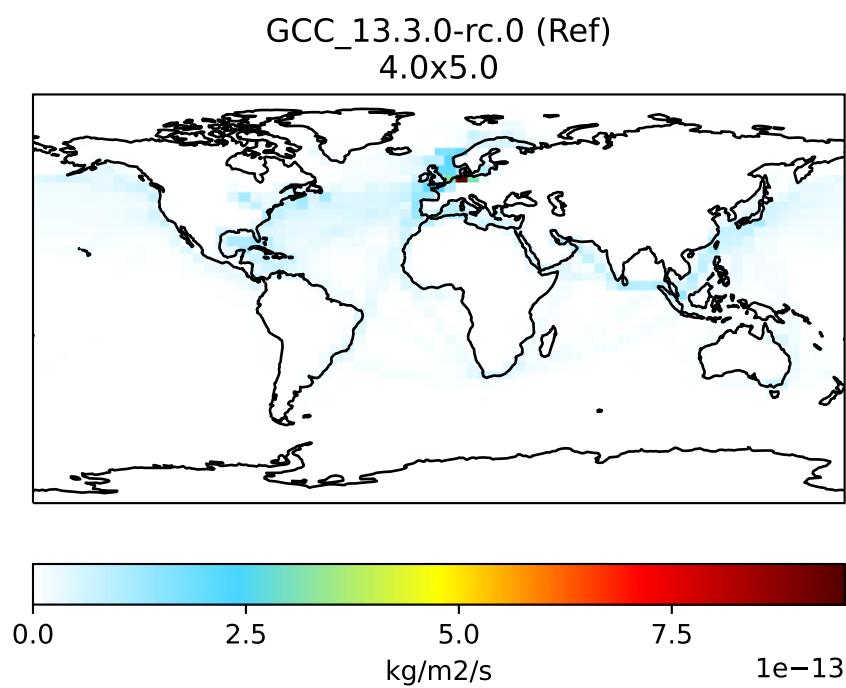
Ratio
Dev/Ref, Dynamic Range



Ratio
Dev/Ref, Fixed Range

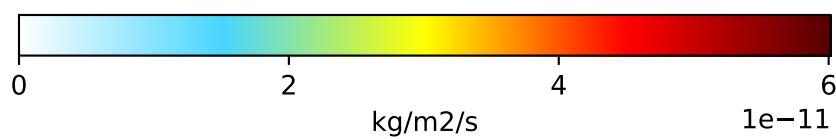
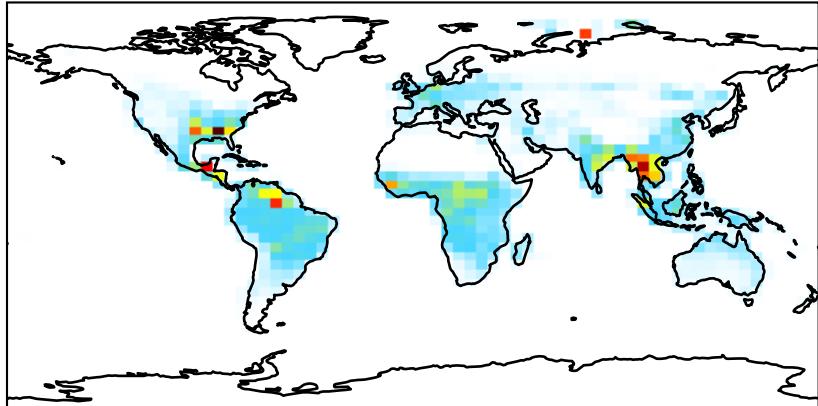


EmisC2H4_Ship (Apr2019)

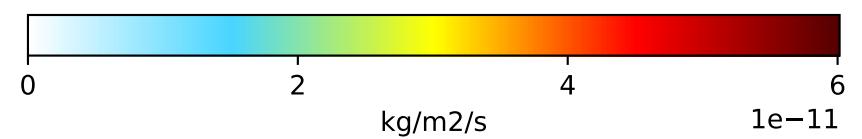
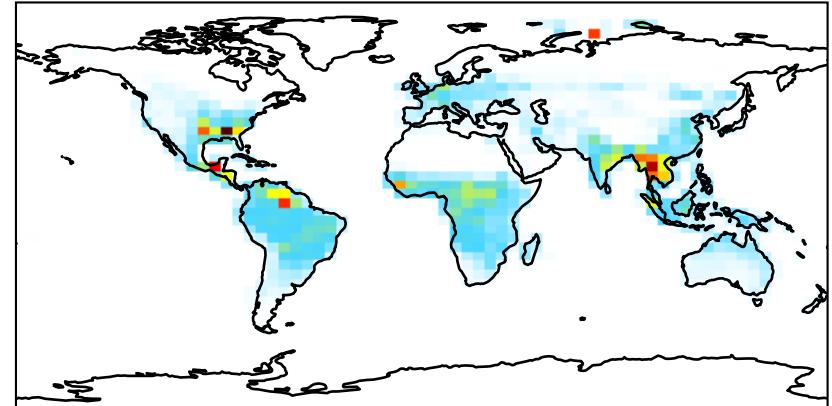


EmisC2H4_Total (Apr2019)

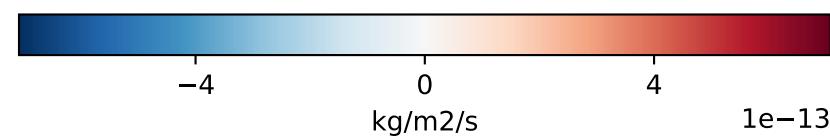
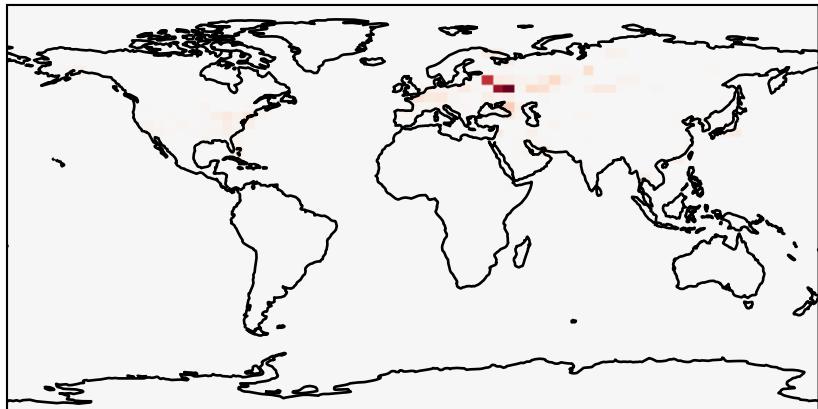
GCC_13.3.0-rc.0 (Ref)
4.0x5.0



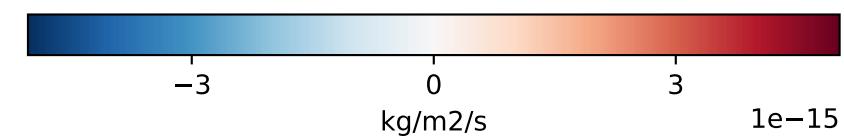
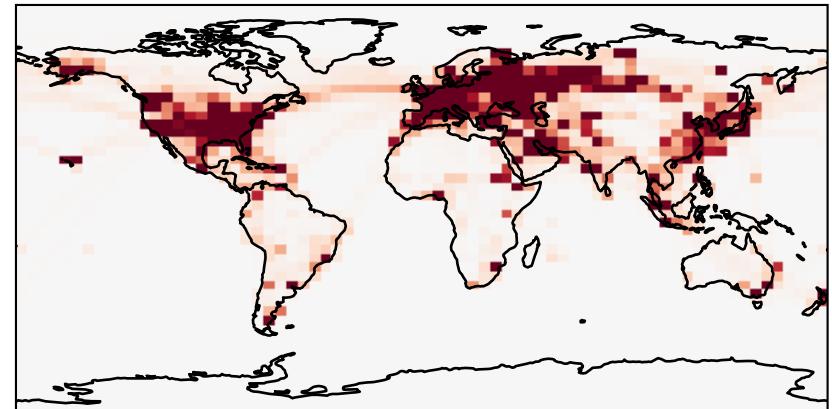
GCC_13.4.0-rc.1 (Dev)
4.0x5.0



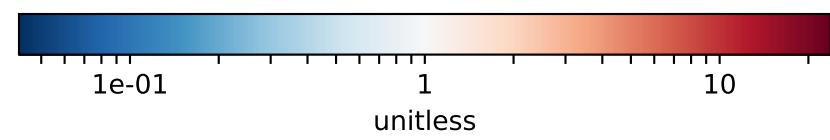
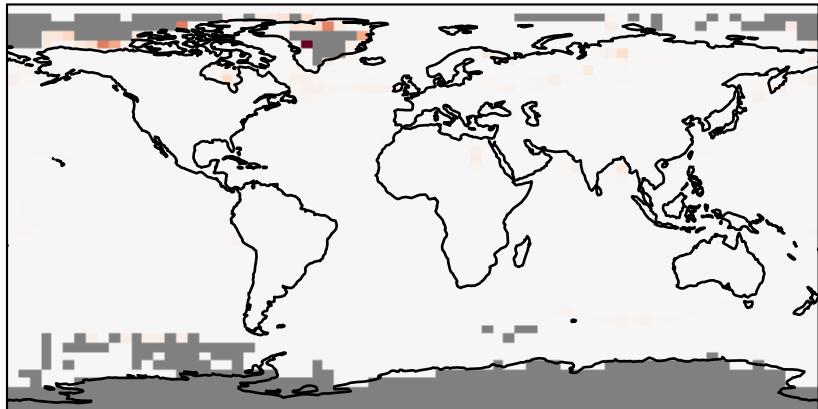
Difference
Dev - Ref, Dynamic Range



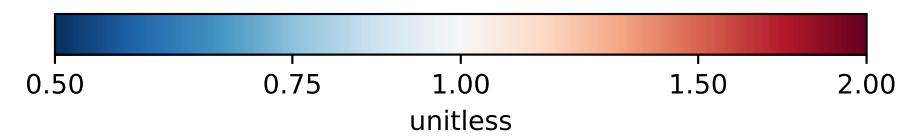
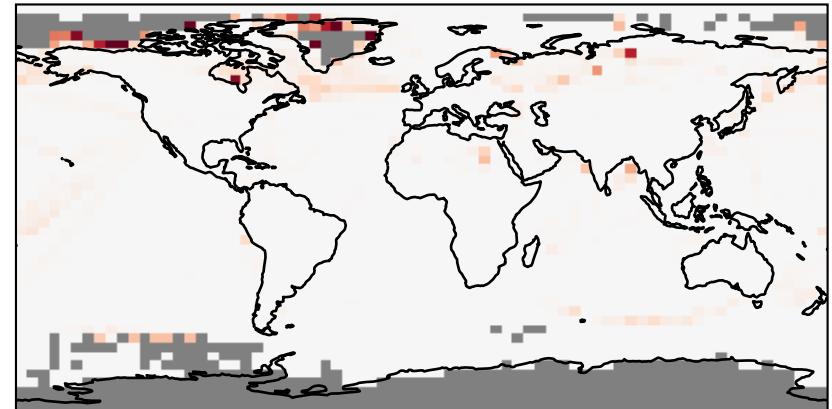
Difference
Dev - Ref, Restricted Range [5%, 95%]



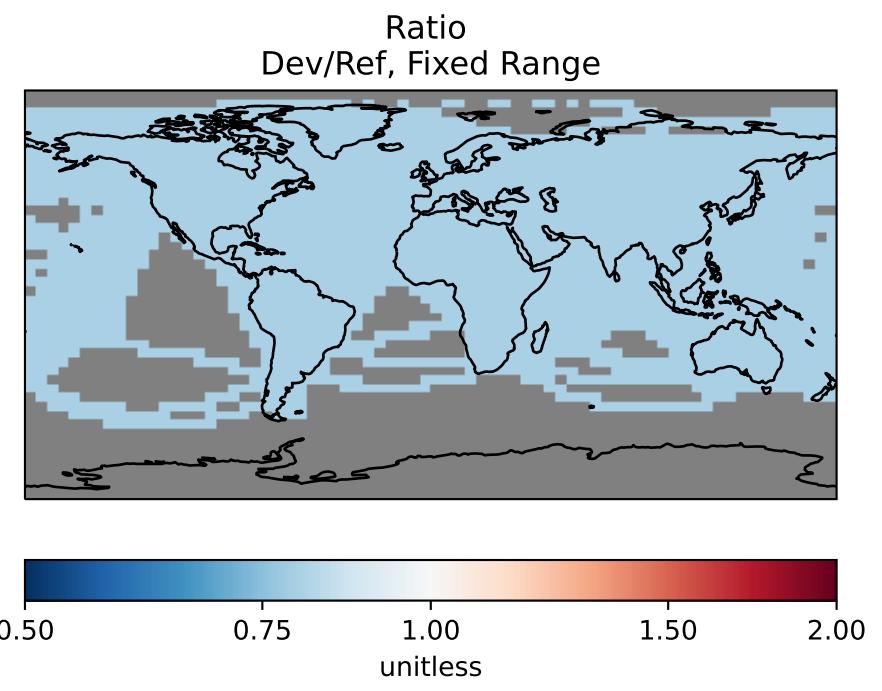
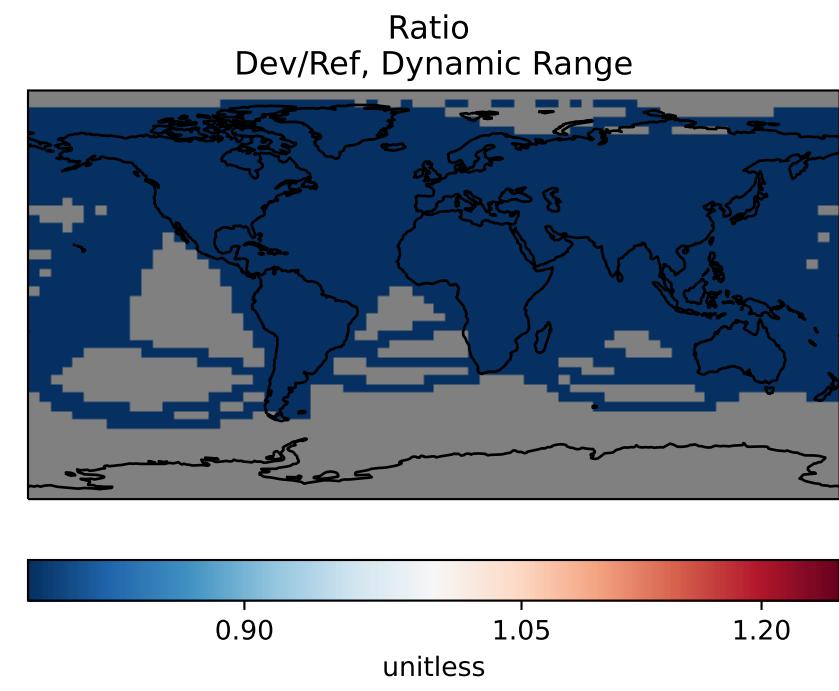
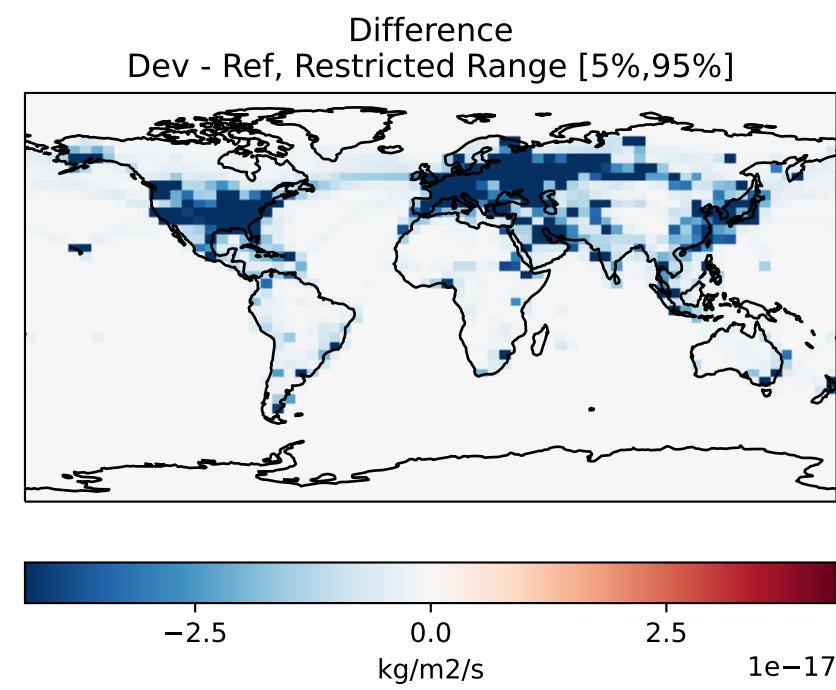
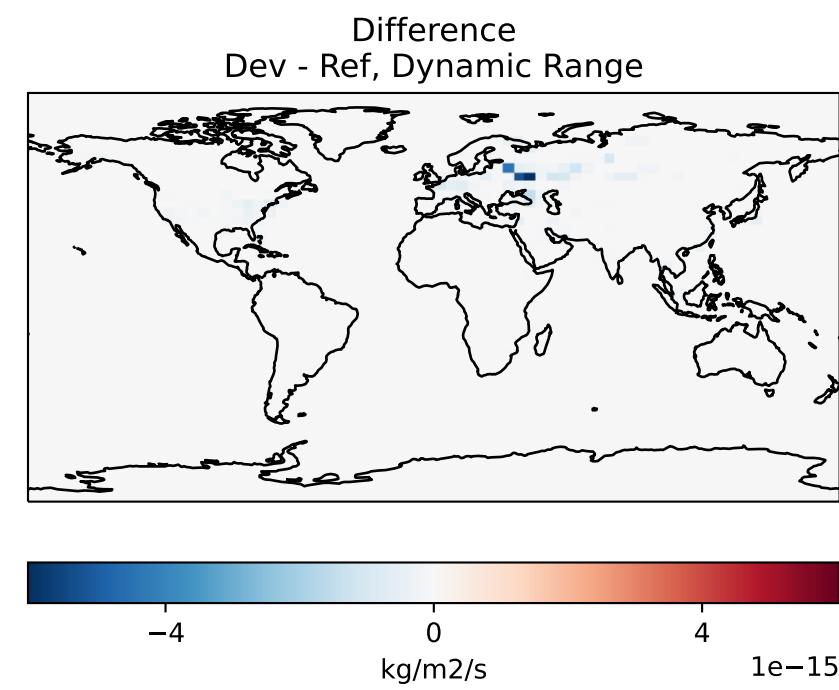
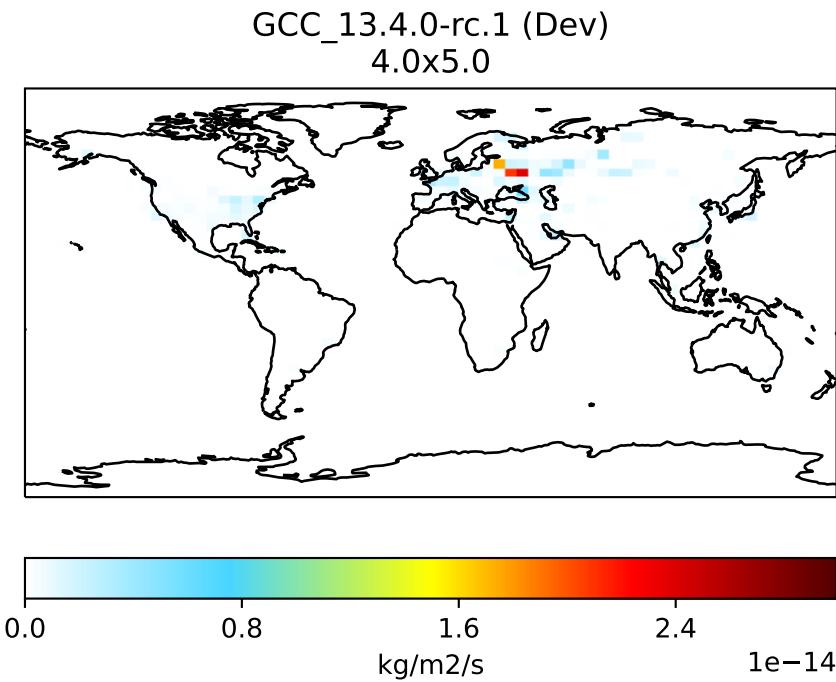
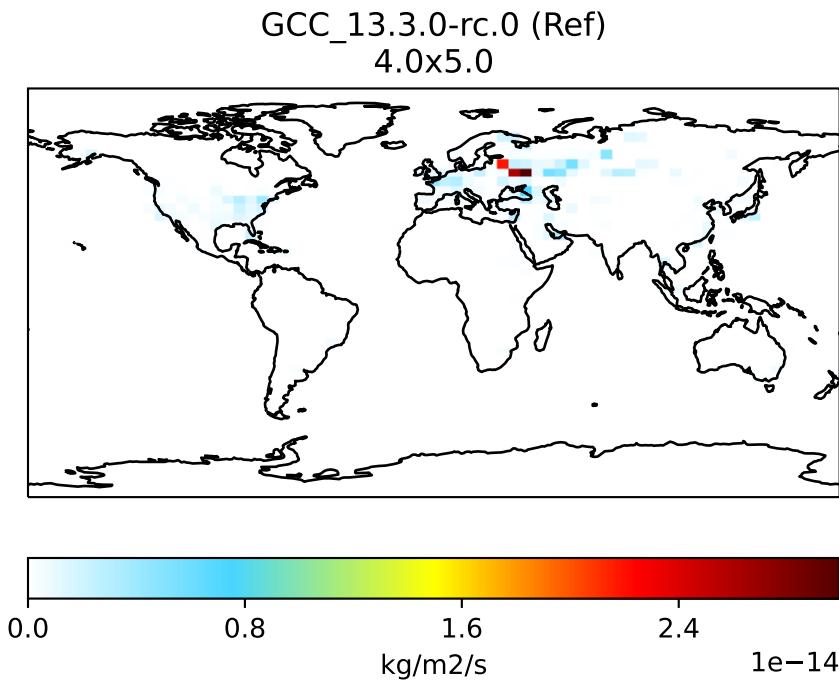
Ratio
Dev/Ref, Dynamic Range



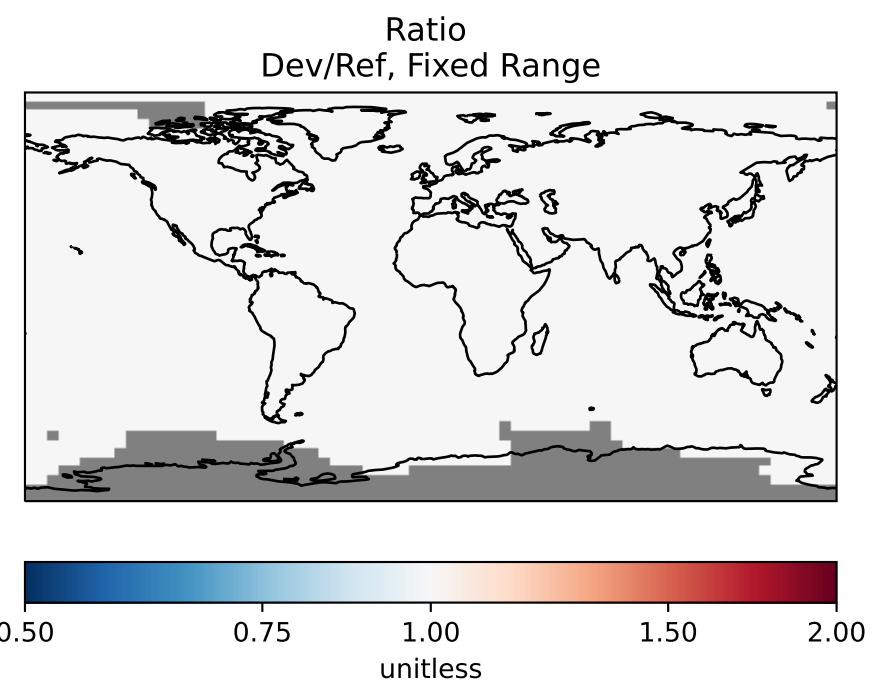
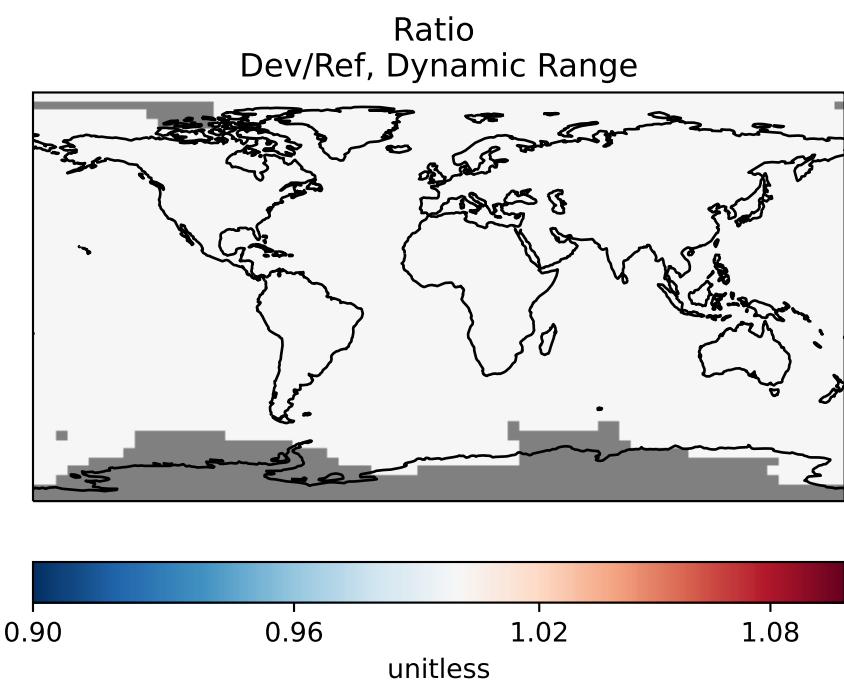
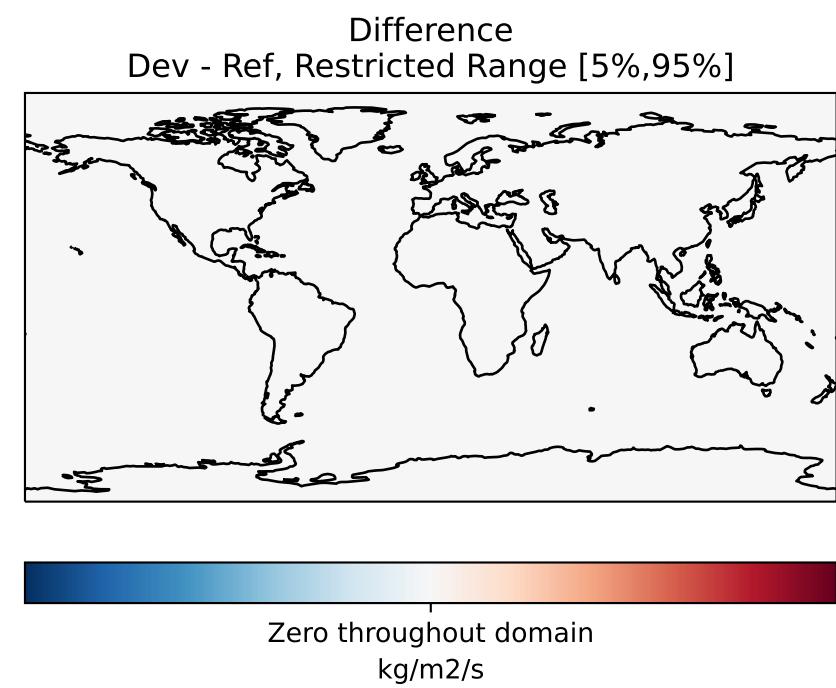
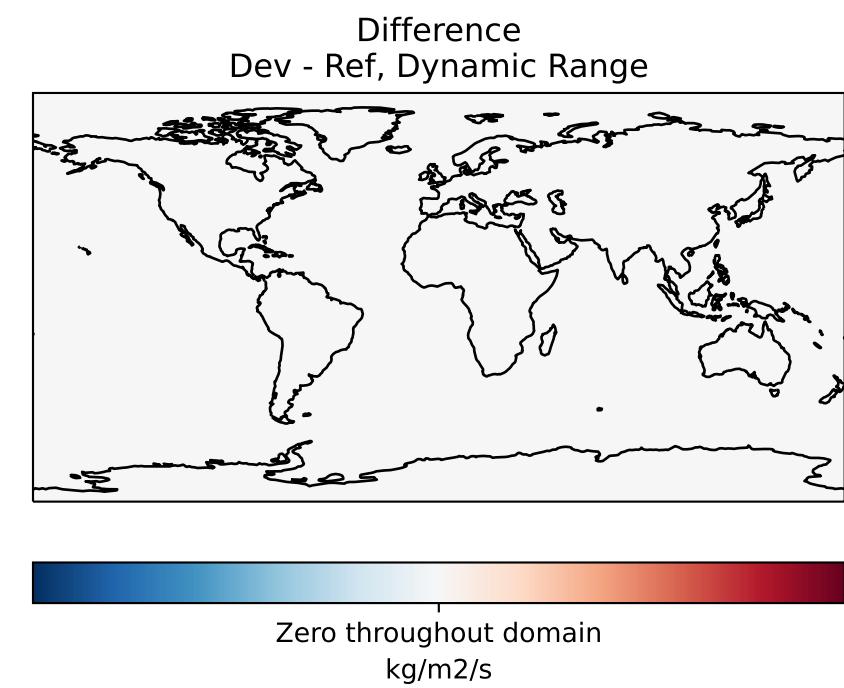
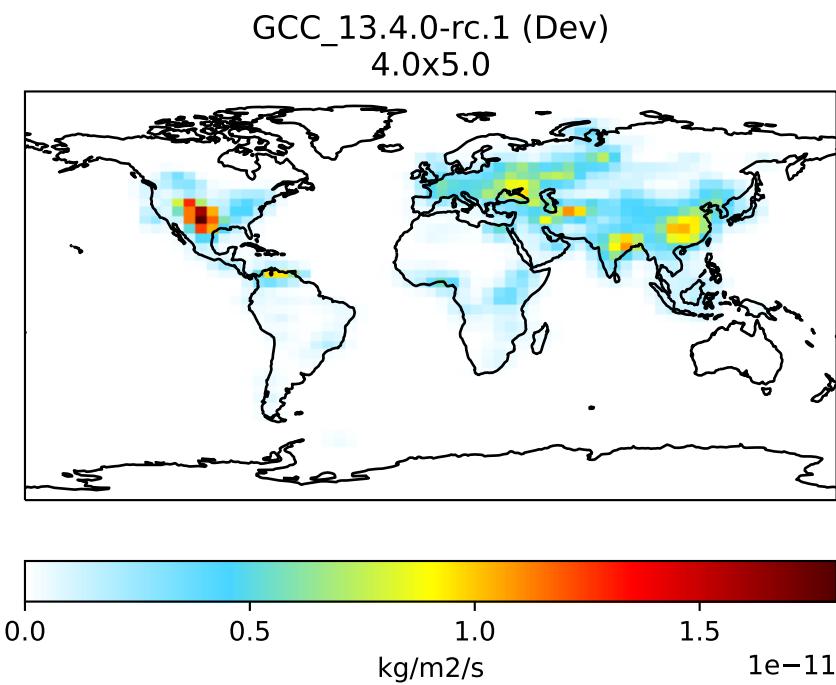
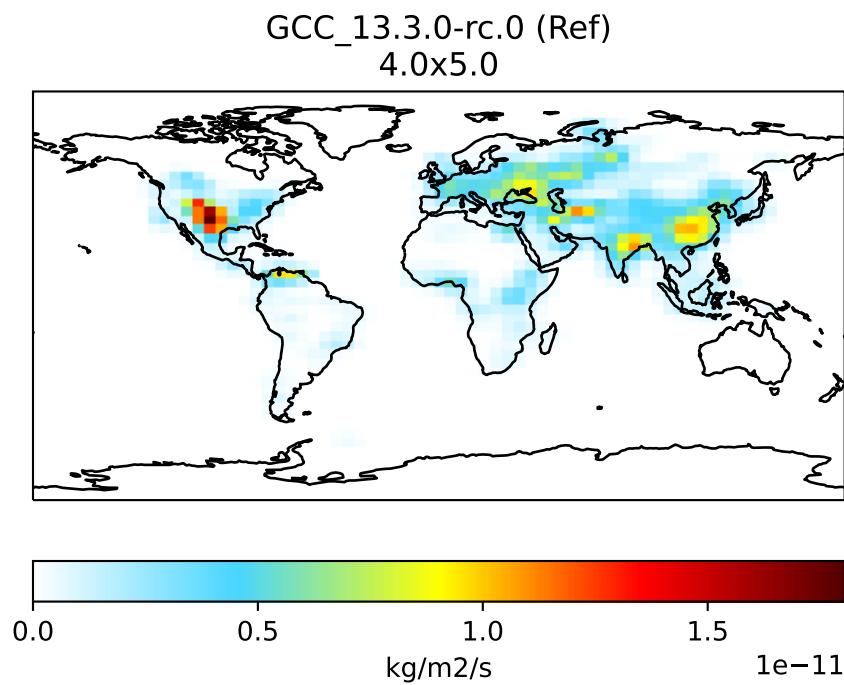
Ratio
Dev/Ref, Fixed Range



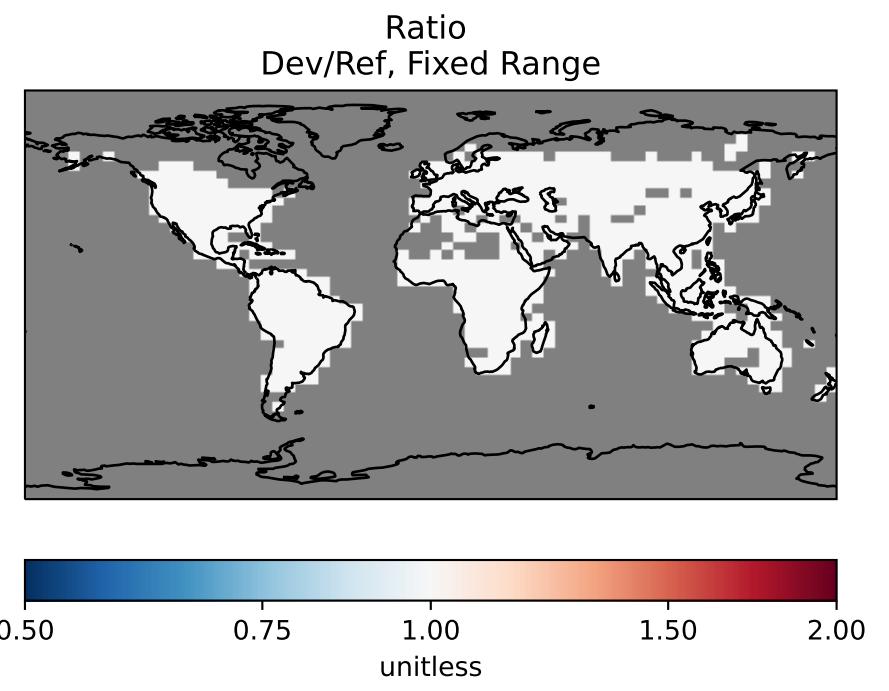
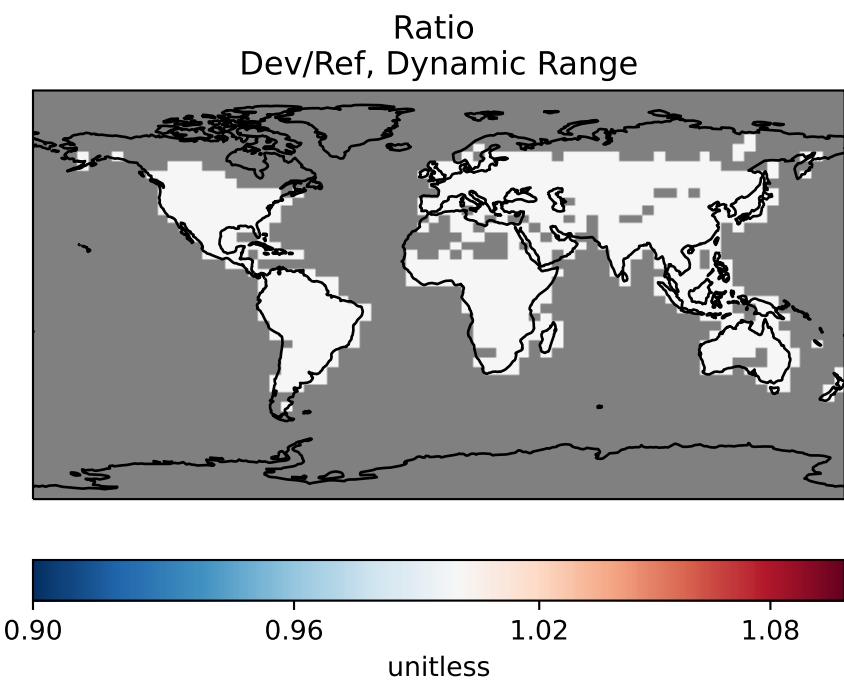
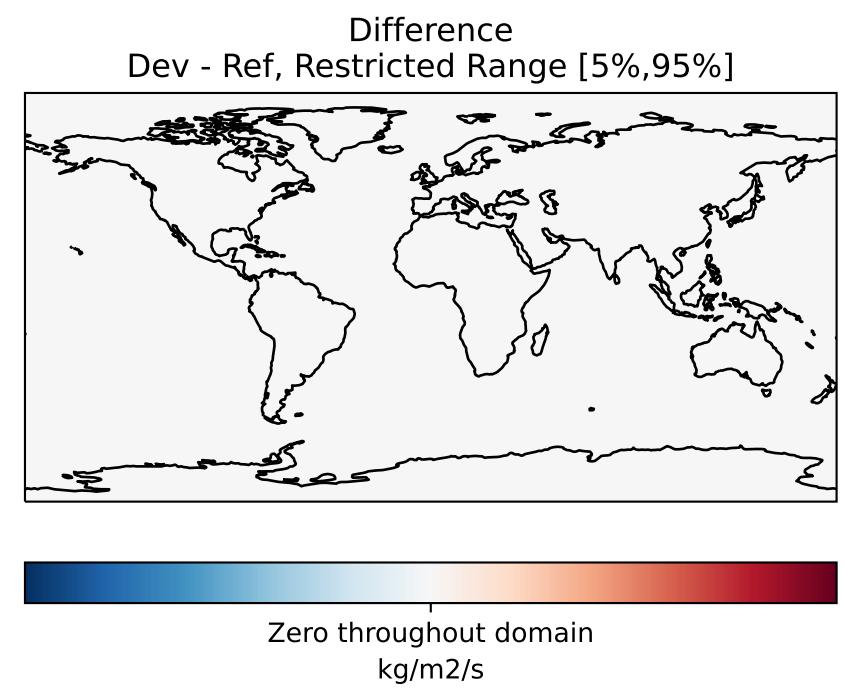
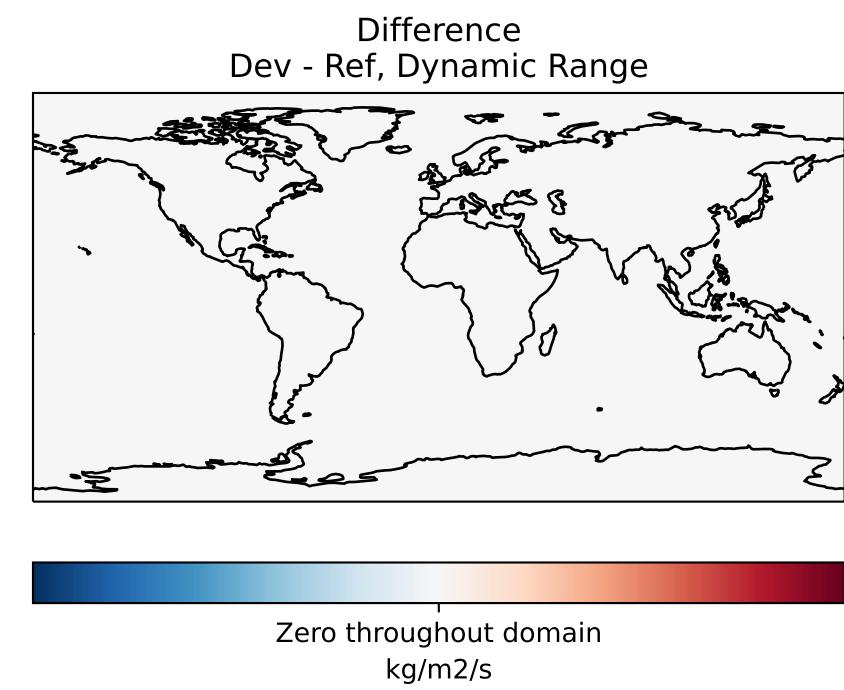
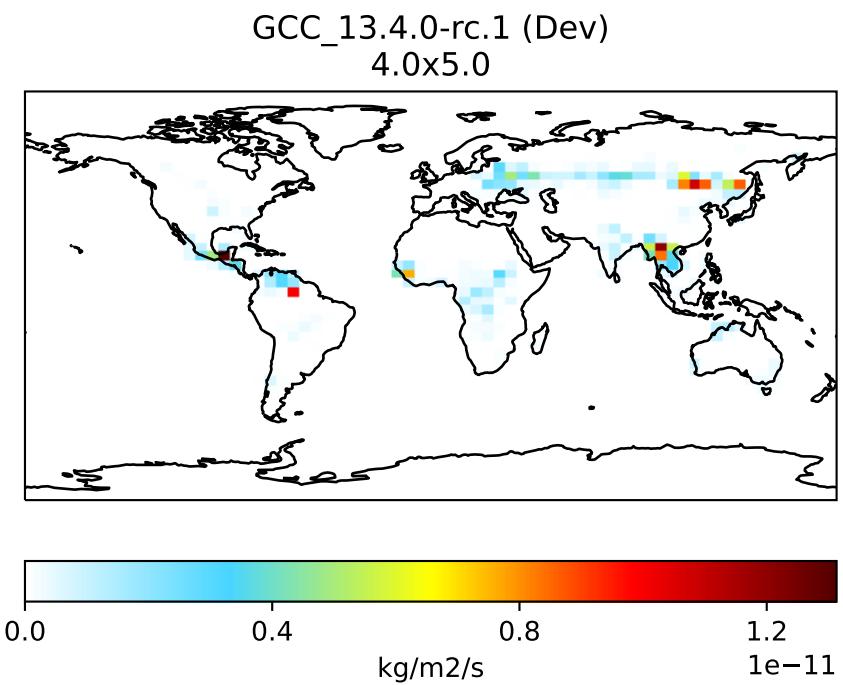
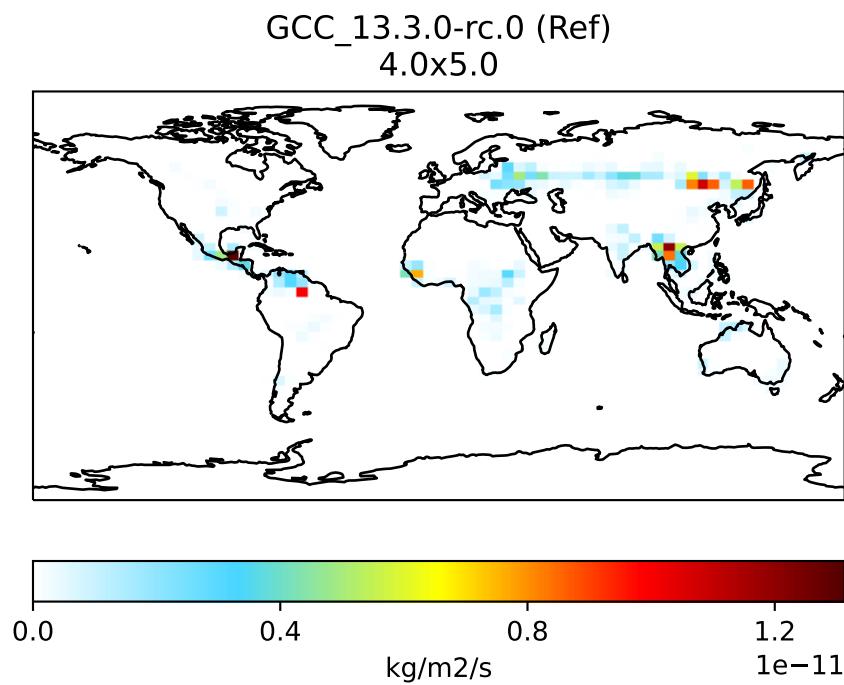
EmisC2H6_Aircraft (Apr2019)



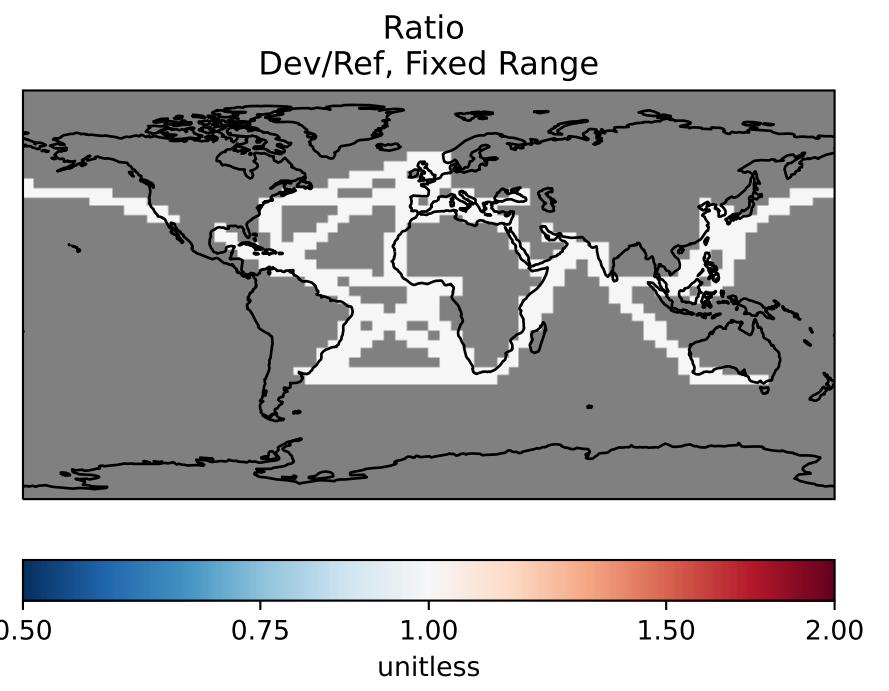
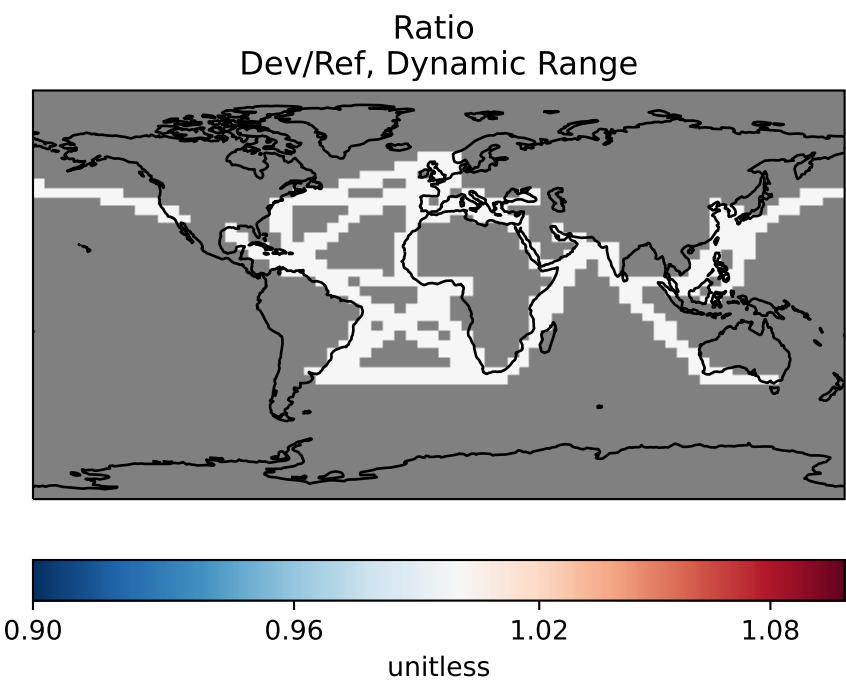
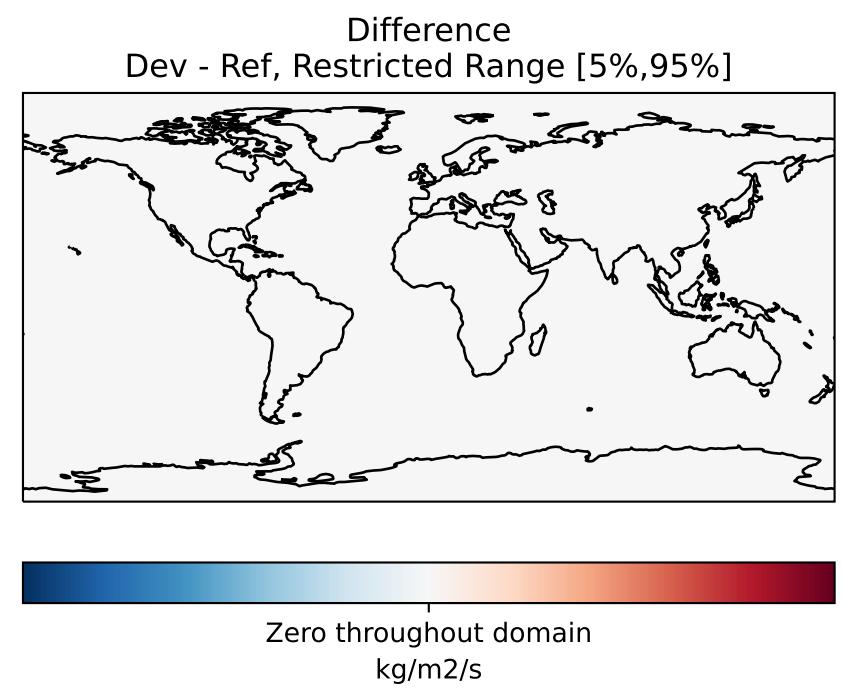
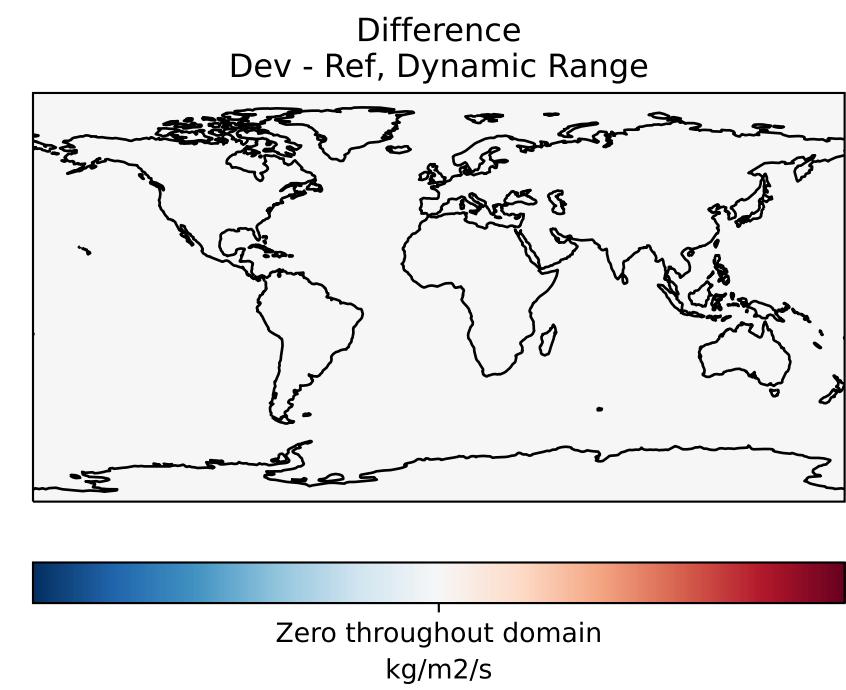
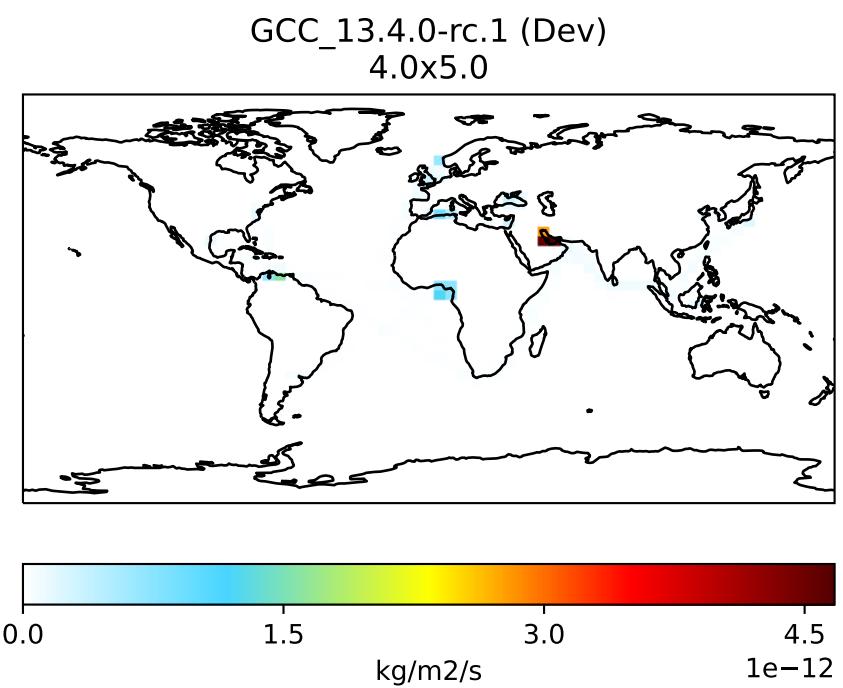
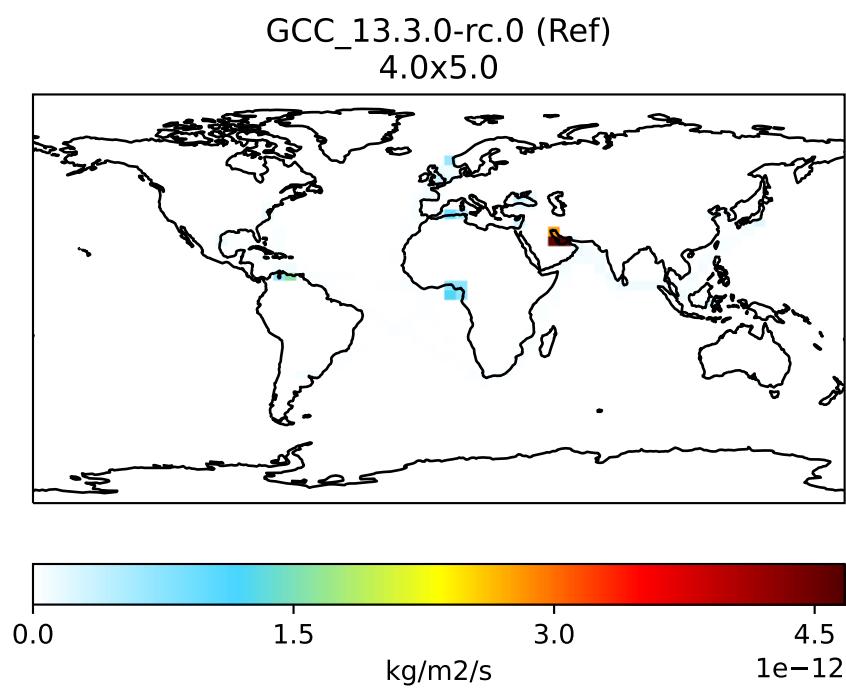
EmisC2H6_Anthro (Apr2019)



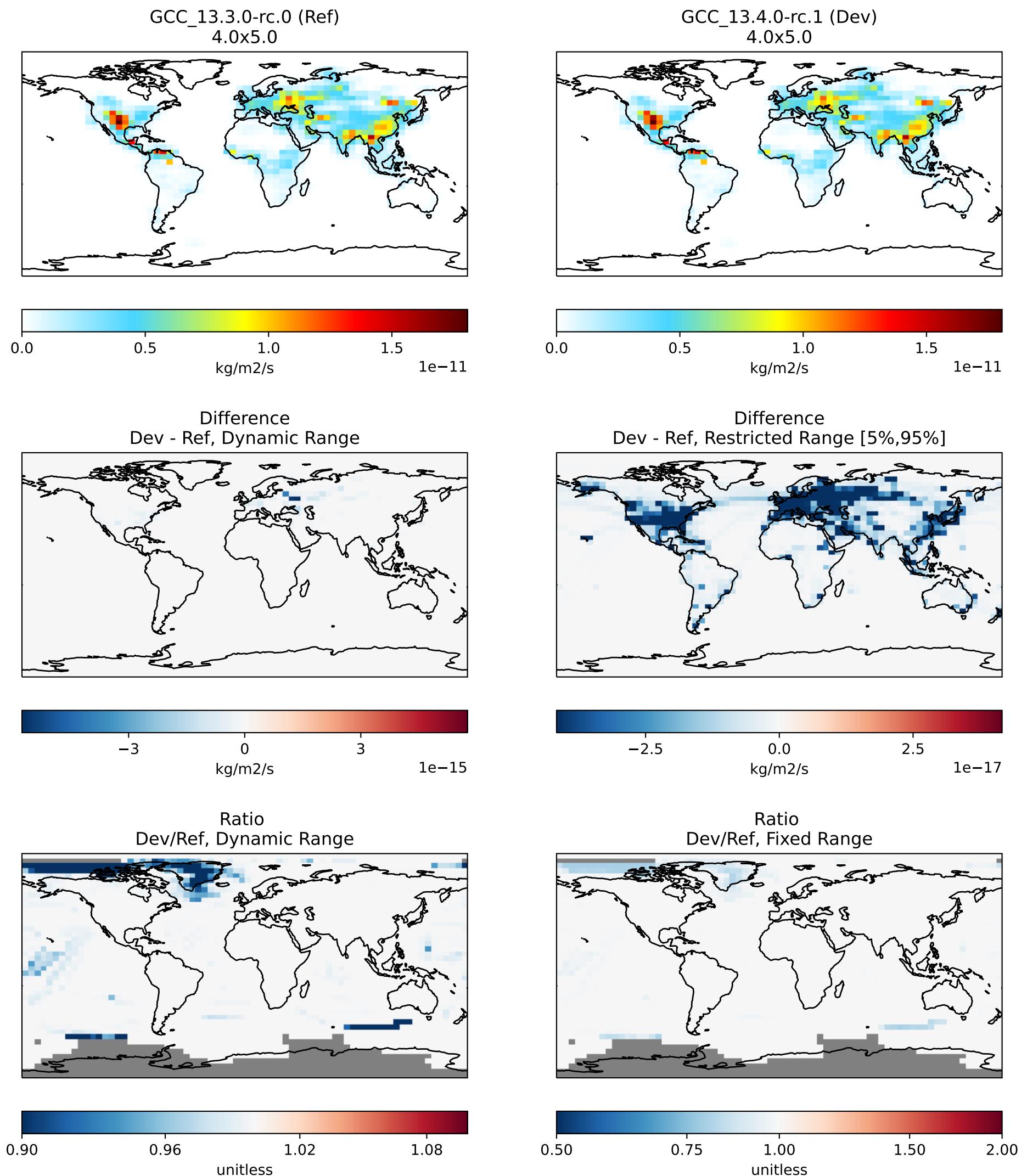
EmisC2H6_BioBurn (Apr2019)



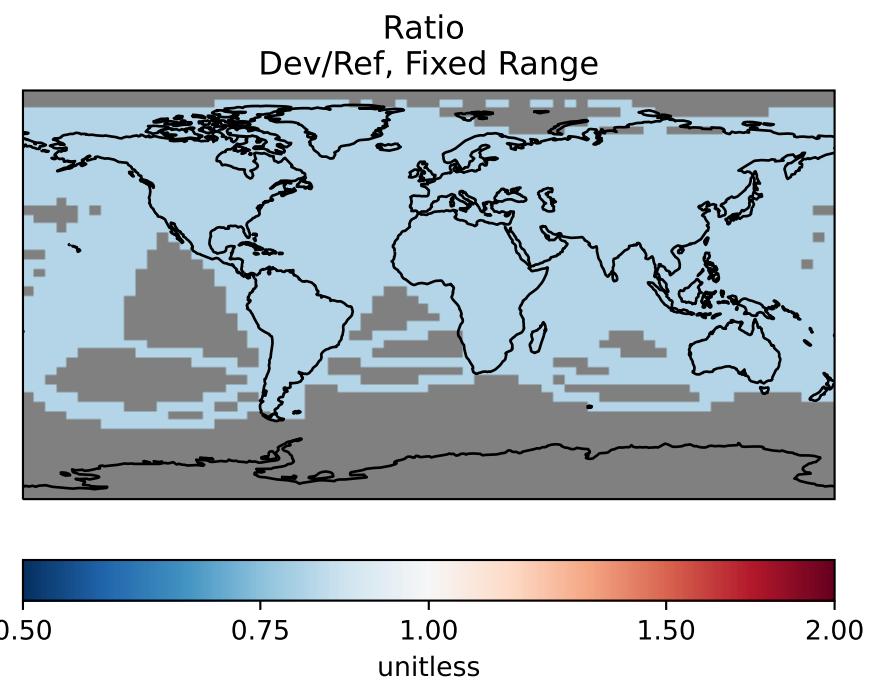
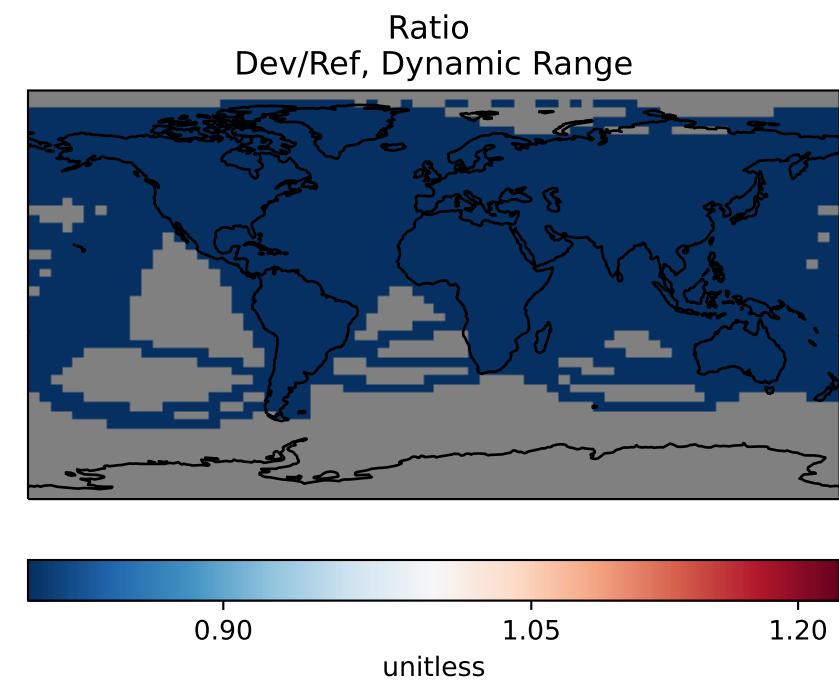
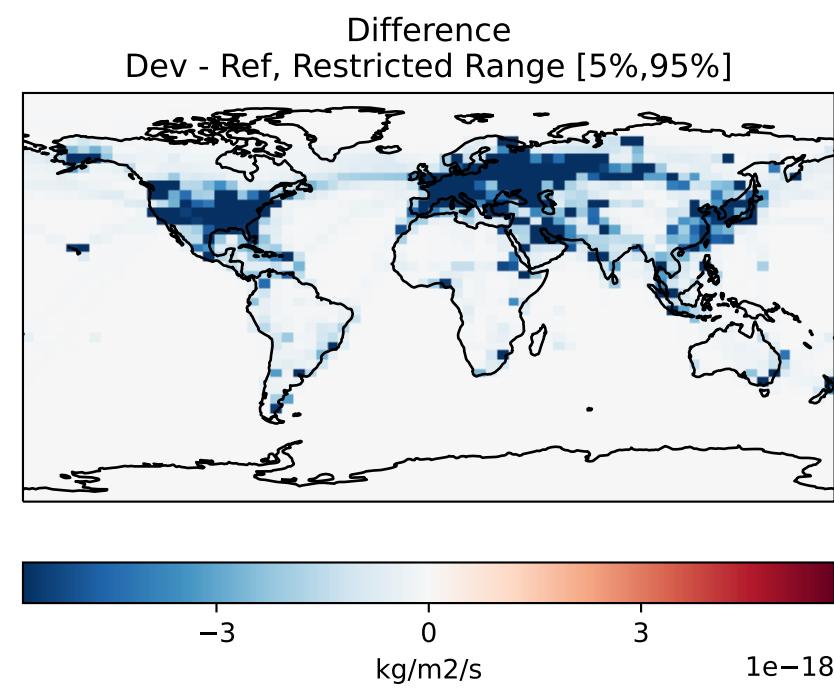
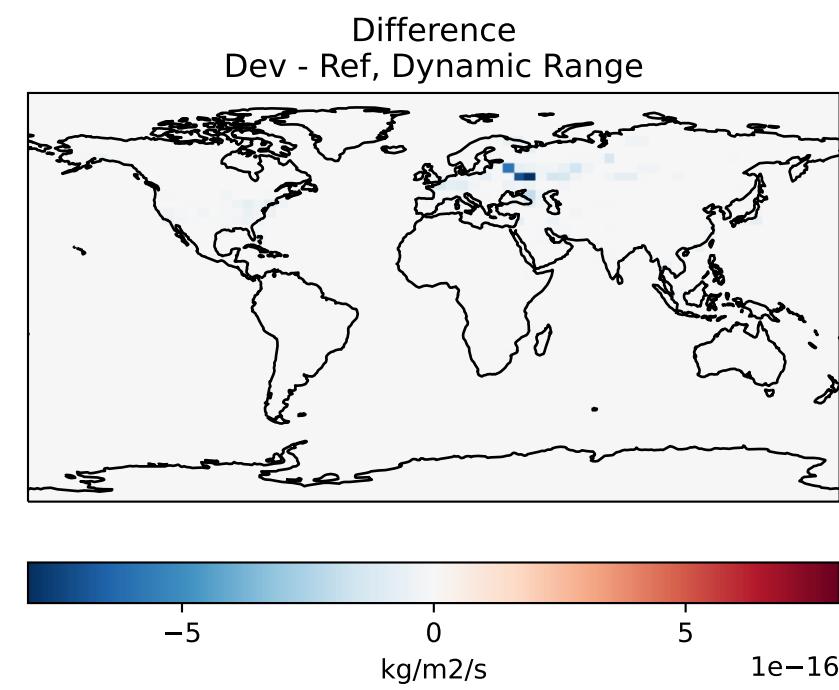
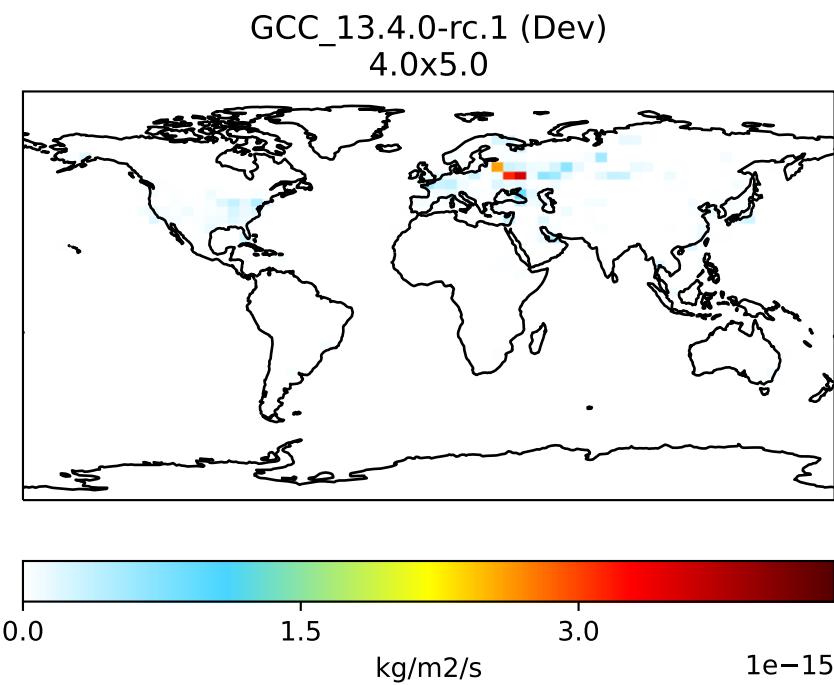
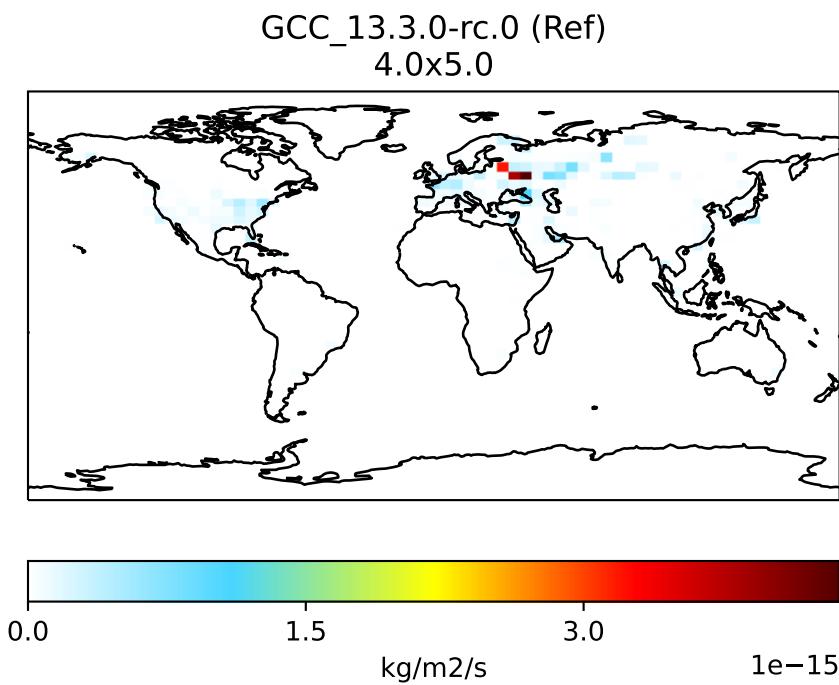
EmisC2H6_Ship (Apr2019)



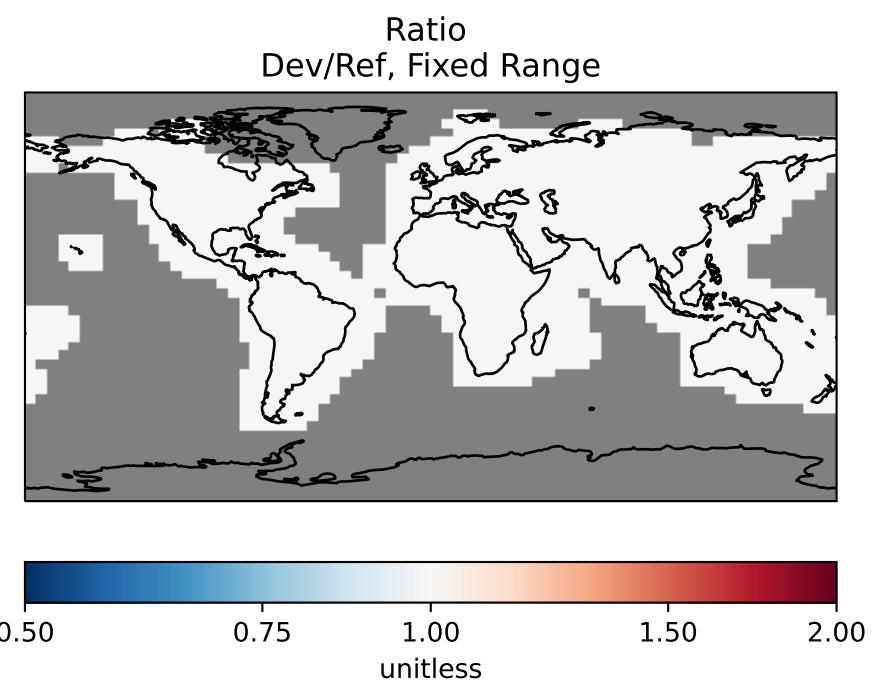
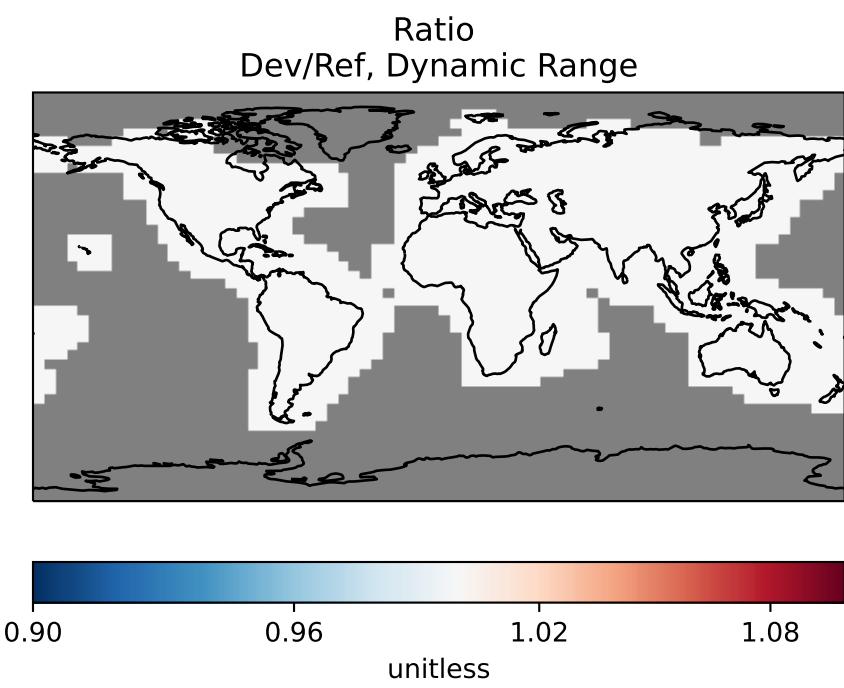
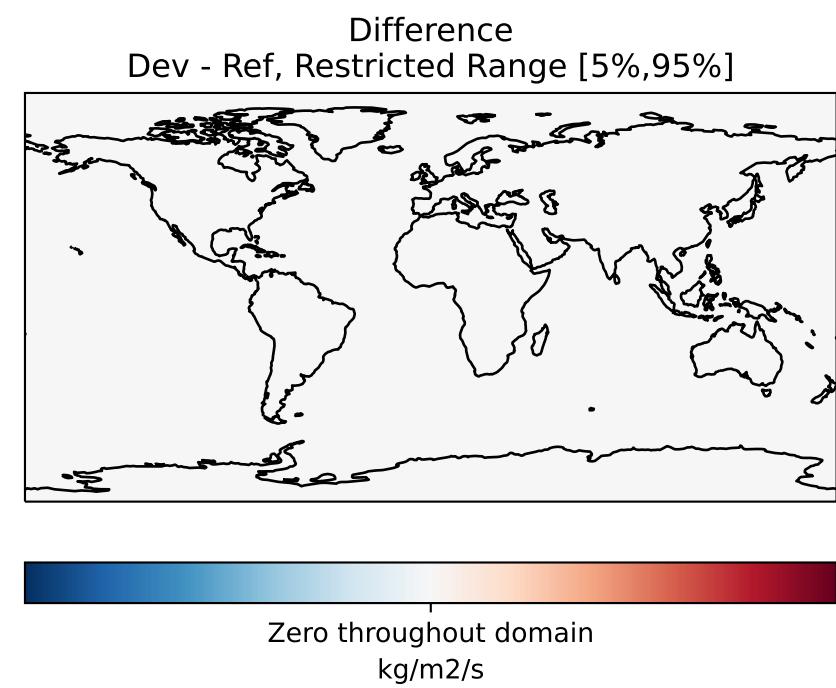
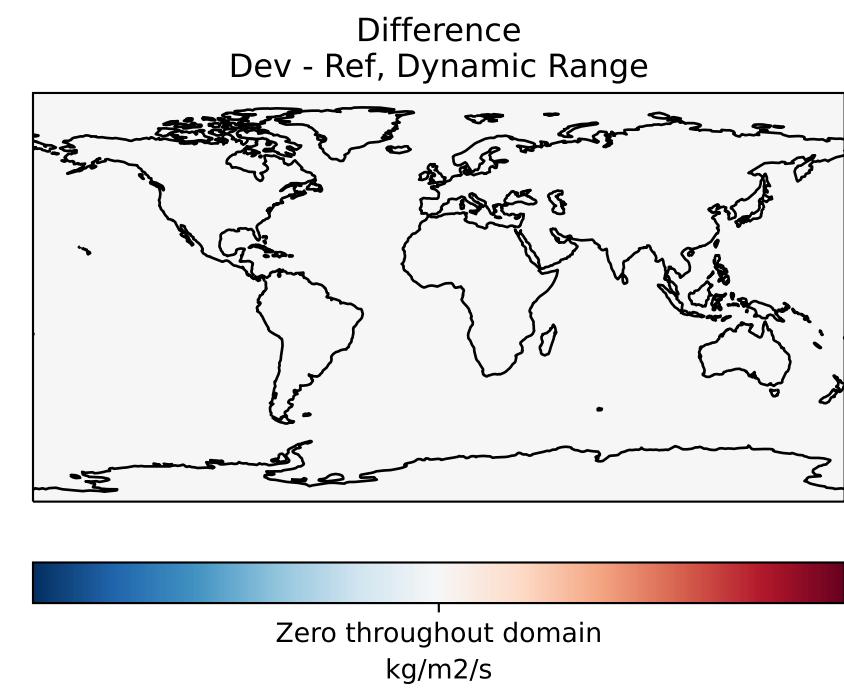
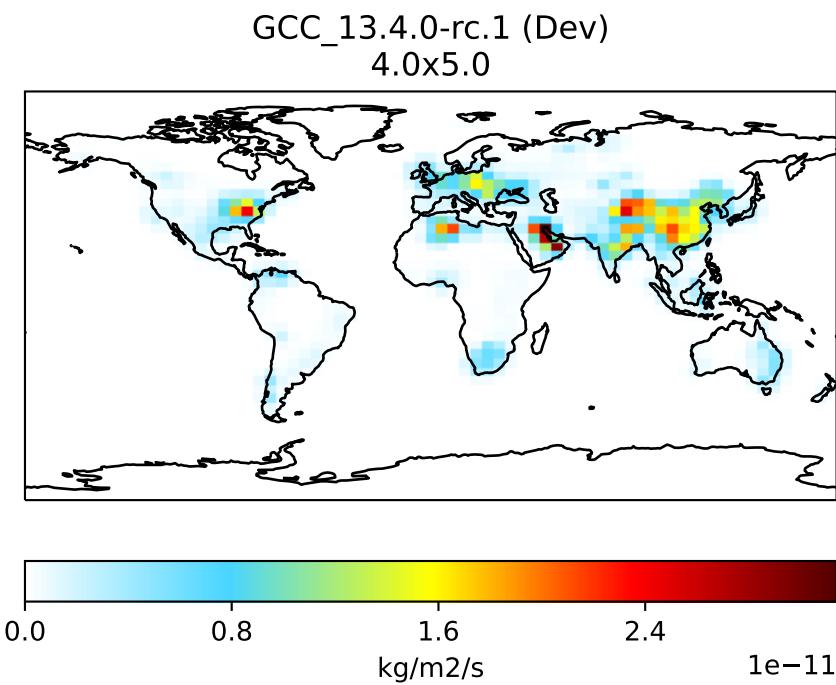
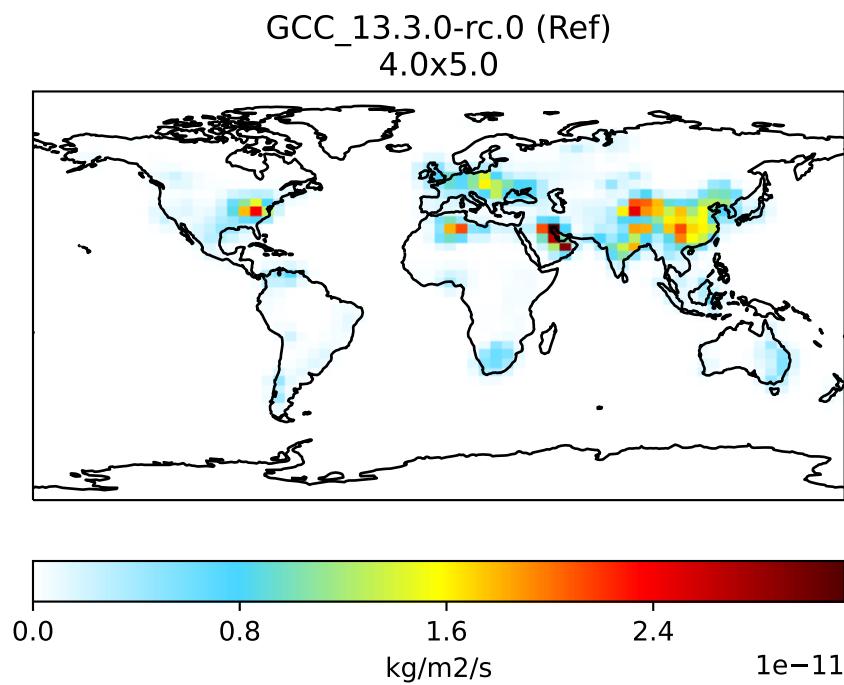
EmisC2H6_Total (Apr2019)



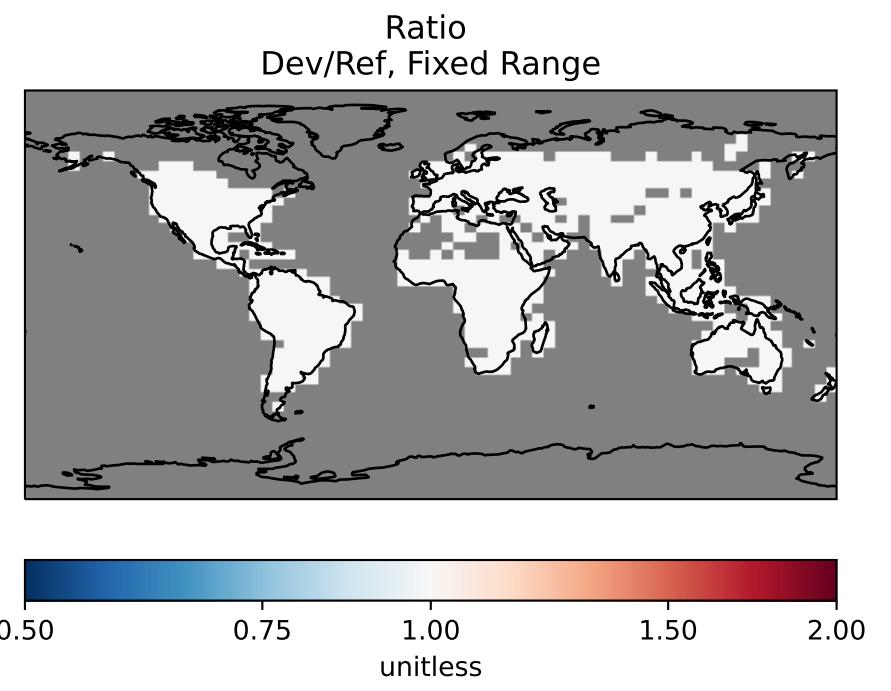
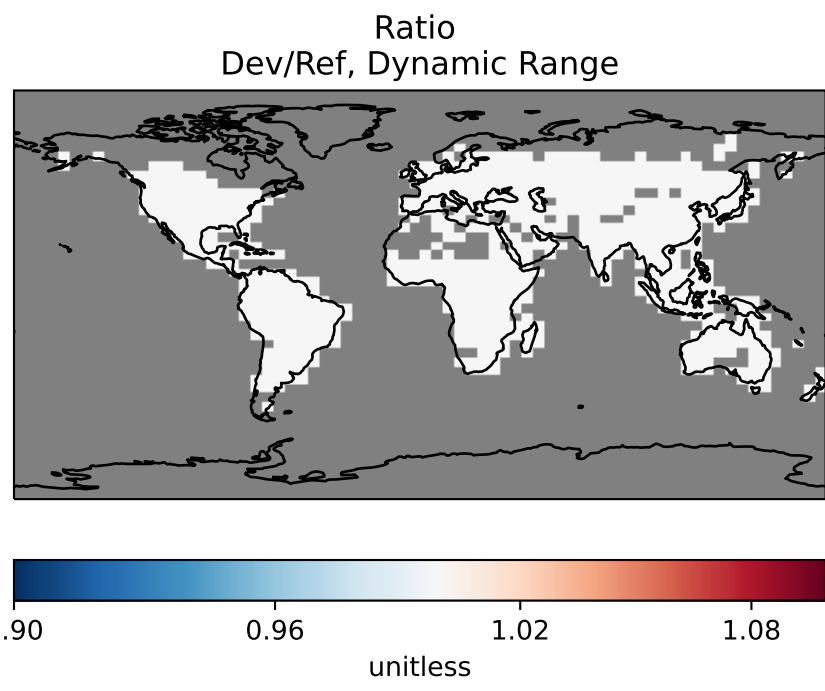
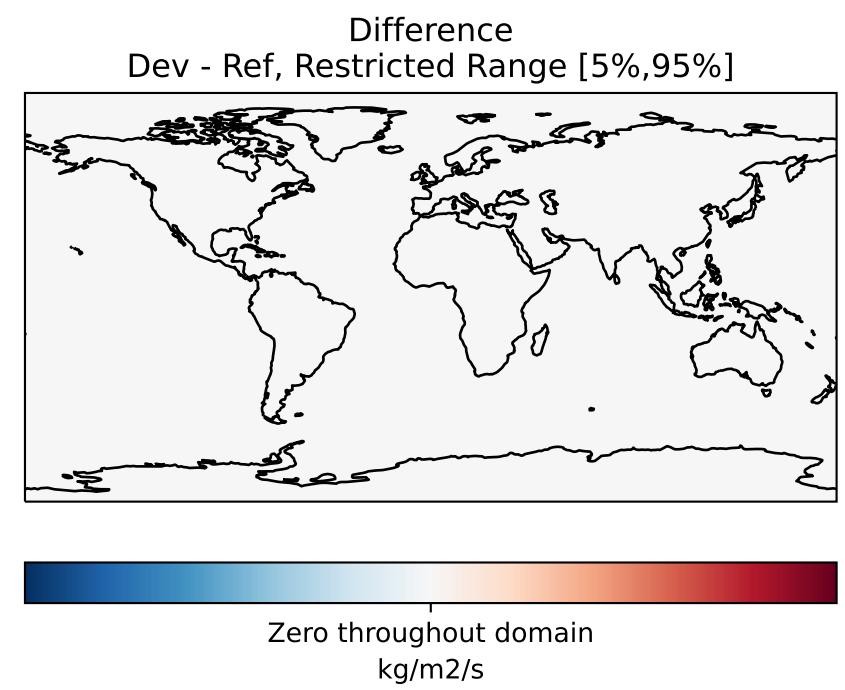
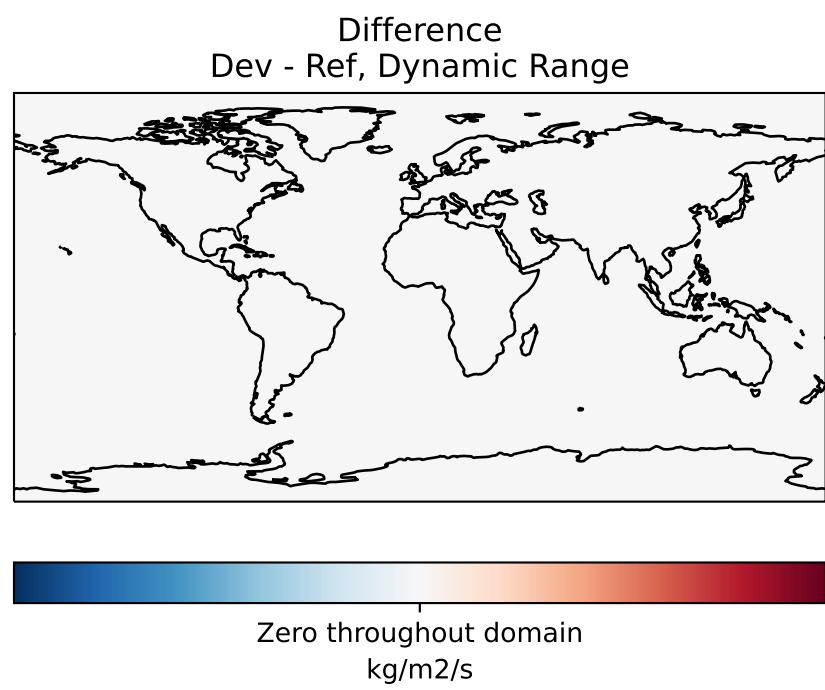
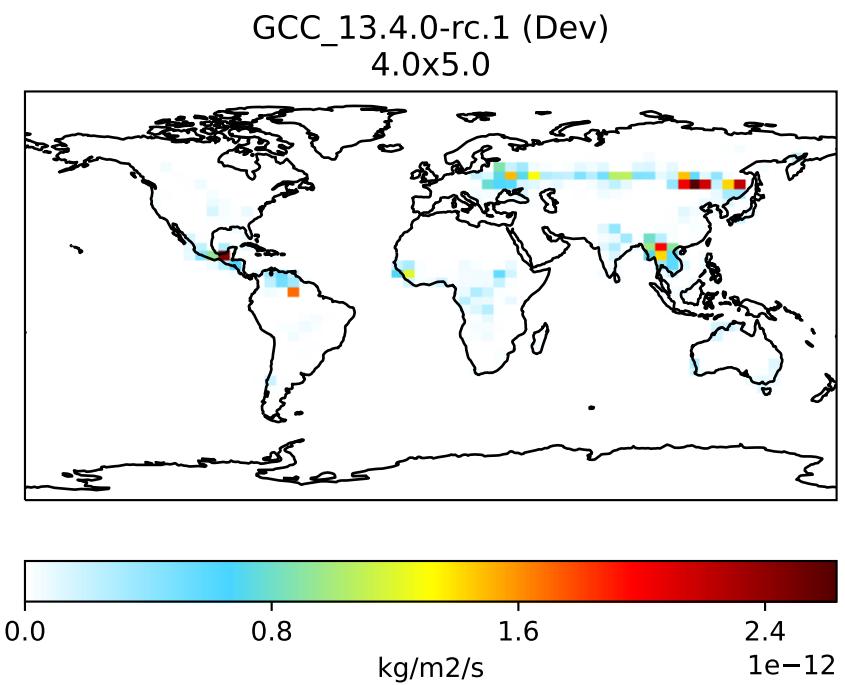
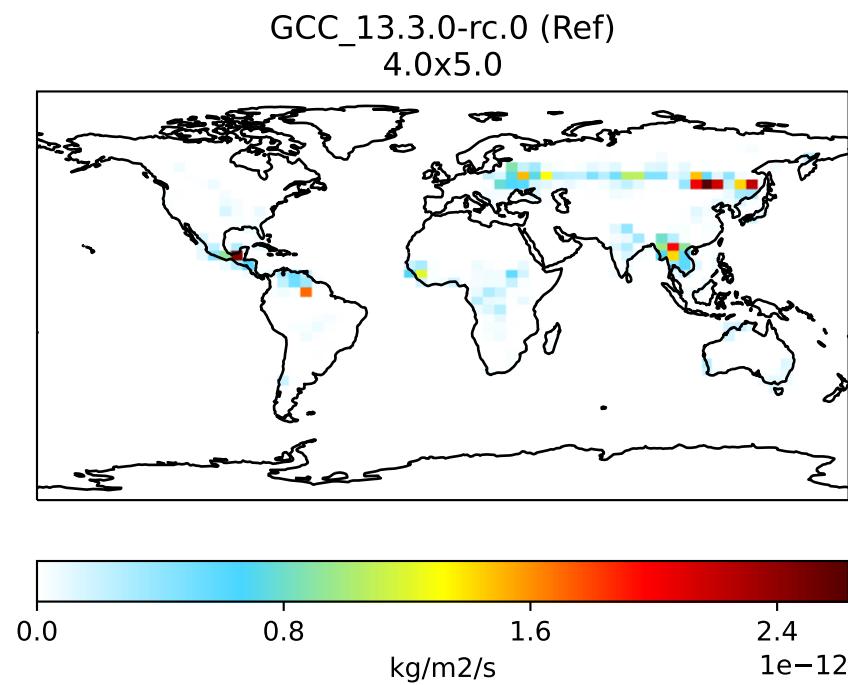
EmisC3H8_Aircraft (Apr2019)



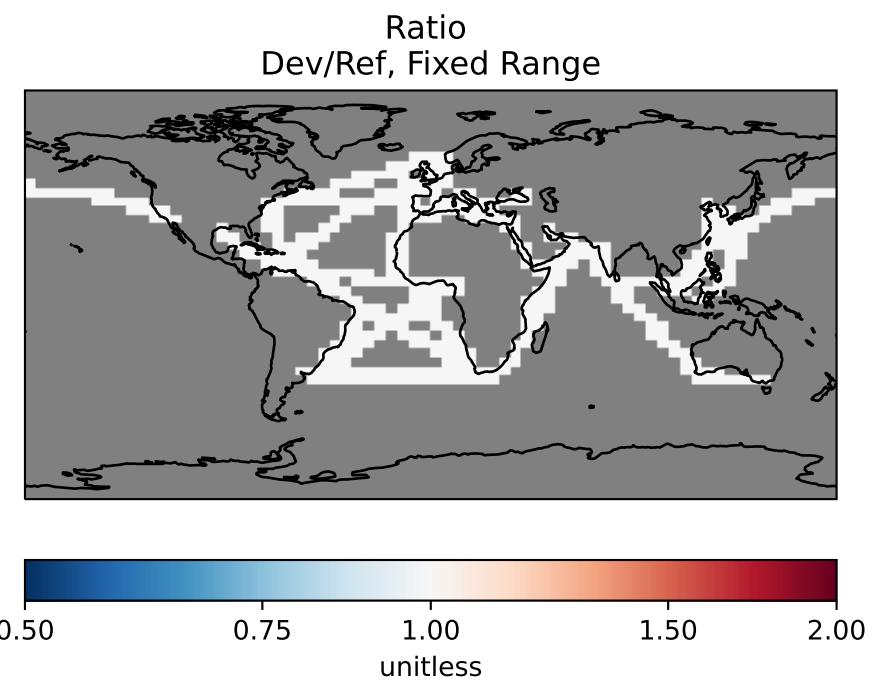
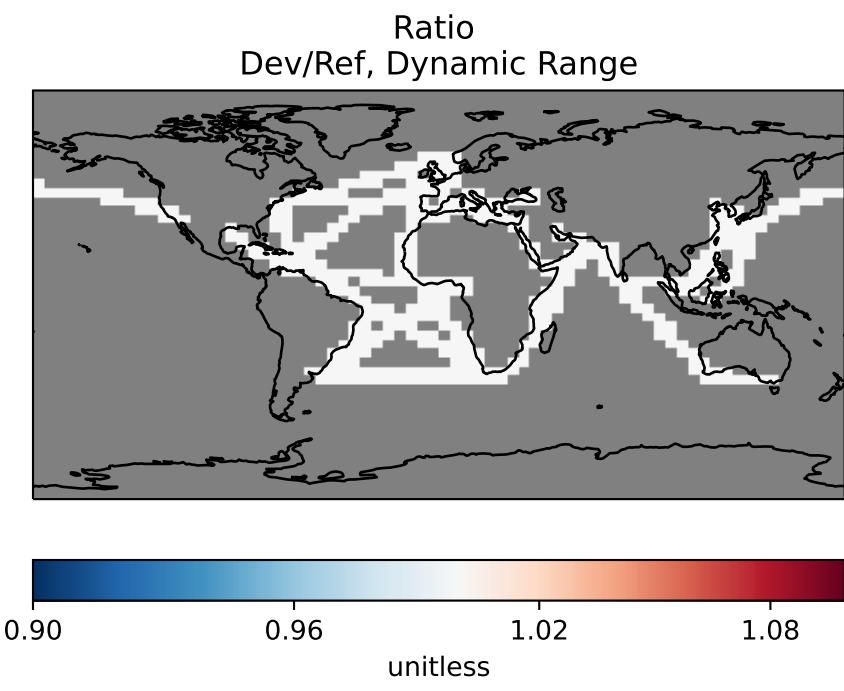
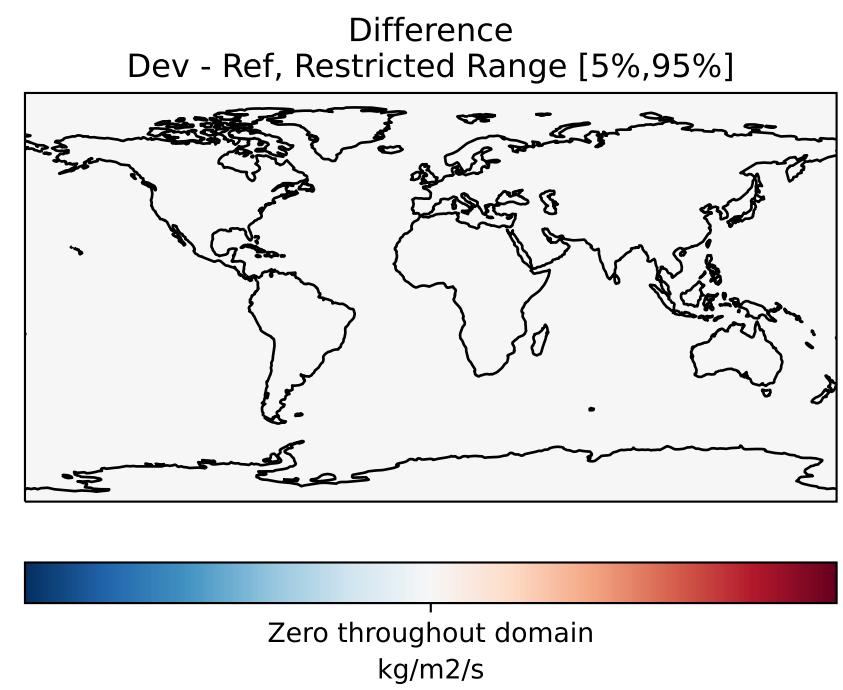
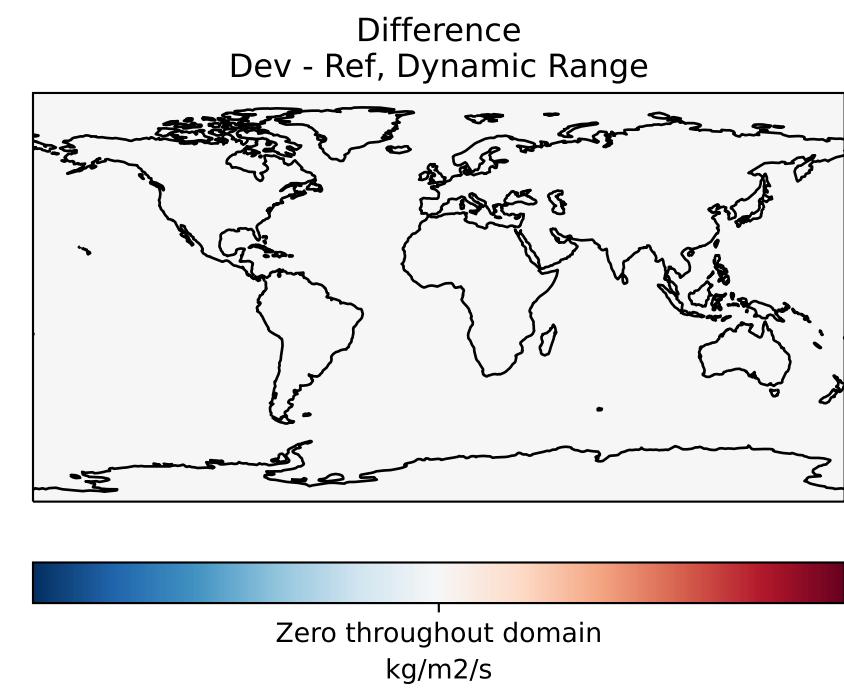
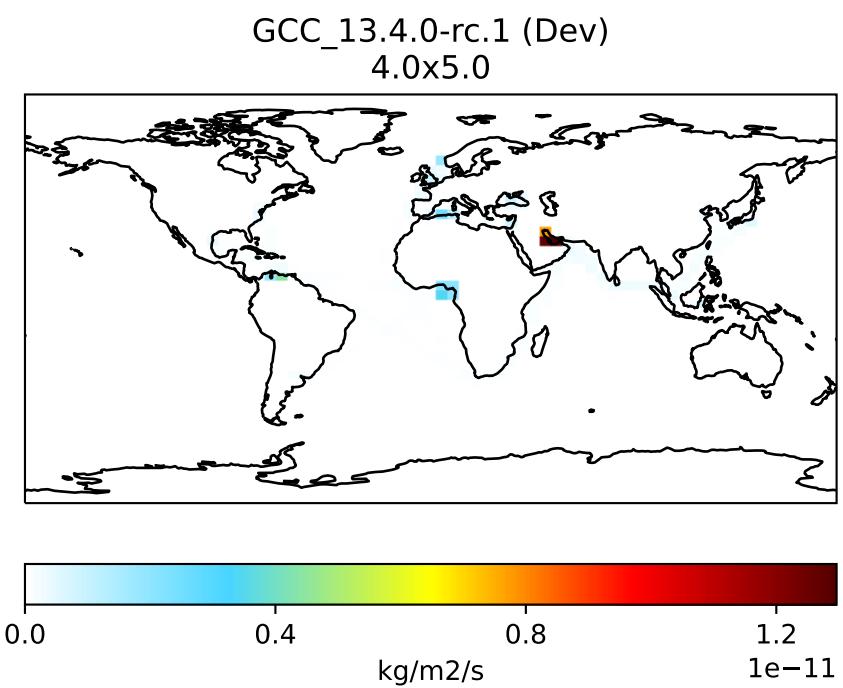
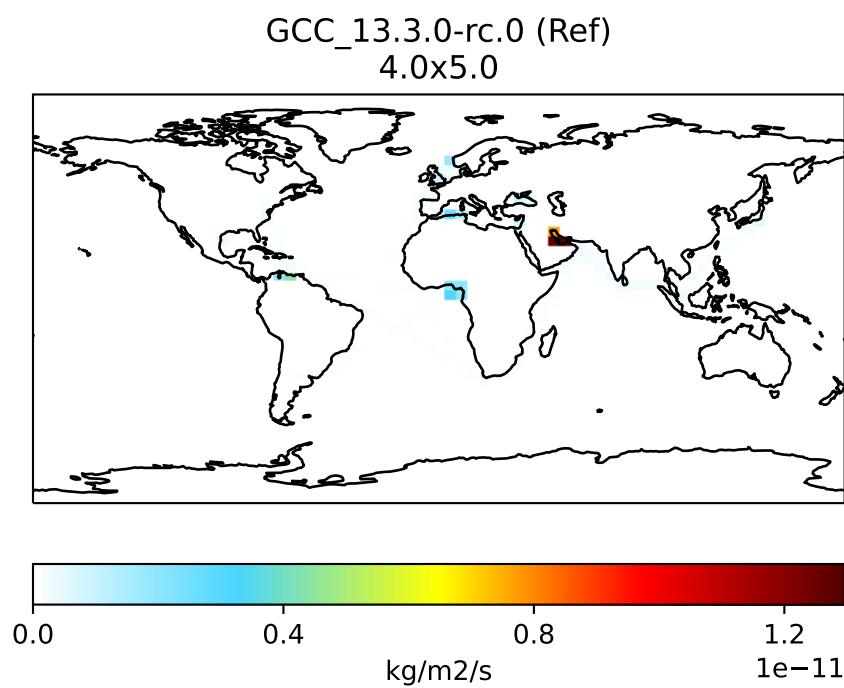
EmisC3H8_Anthro (Apr2019)



EmisC3H8_BioBurn (Apr2019)

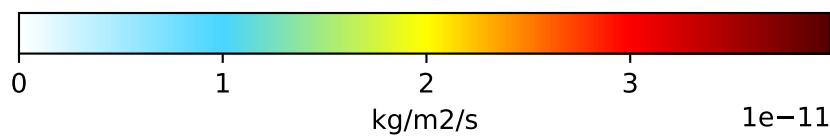
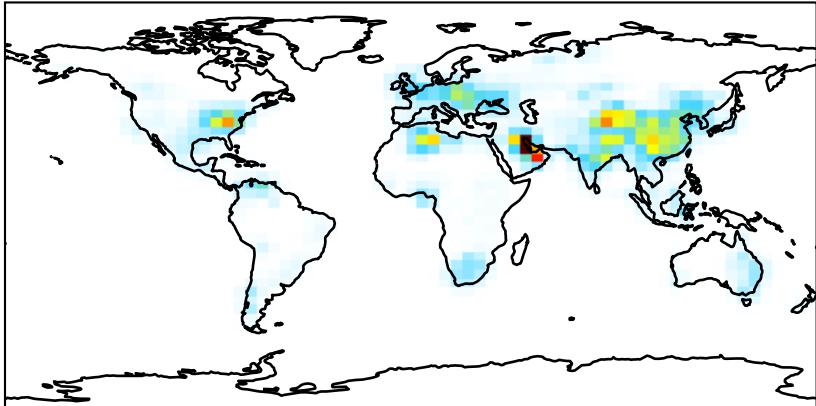


EmisC3H8_Ship (Apr2019)

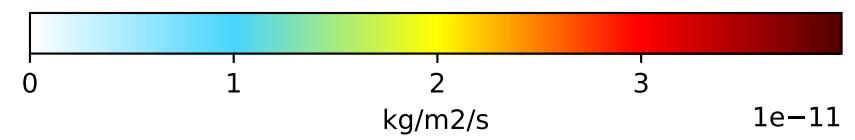
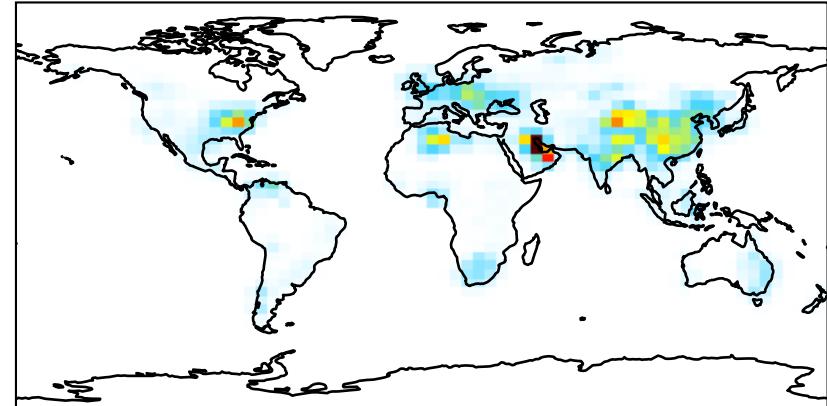


EmisC3H8_Total (Apr2019)

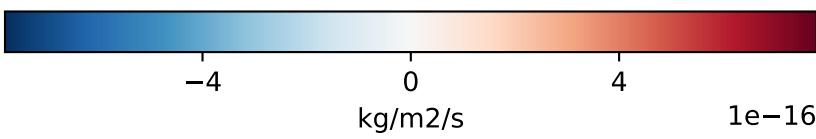
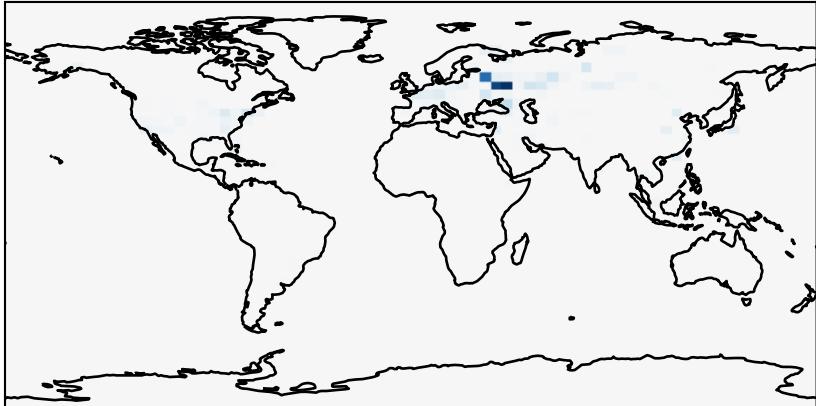
GCC_13.3.0-rc.0 (Ref)
4.0x5.0



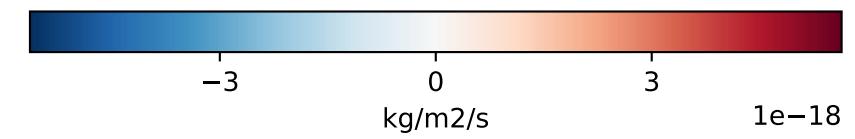
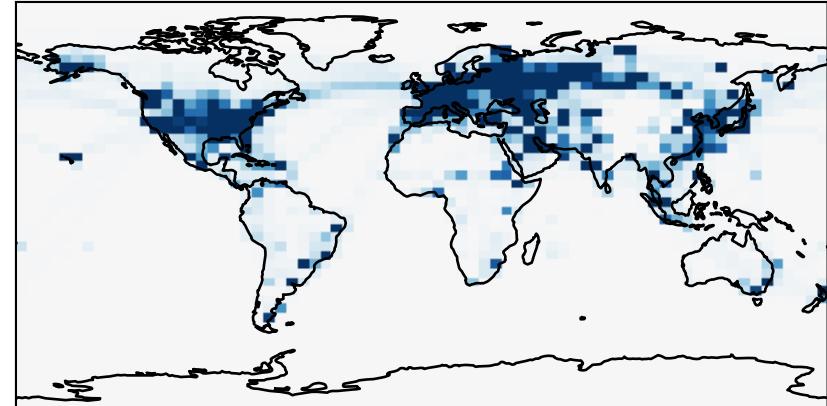
GCC_13.4.0-rc.1 (Dev)
4.0x5.0



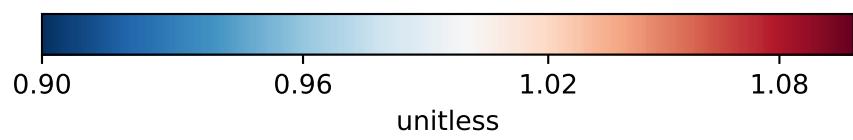
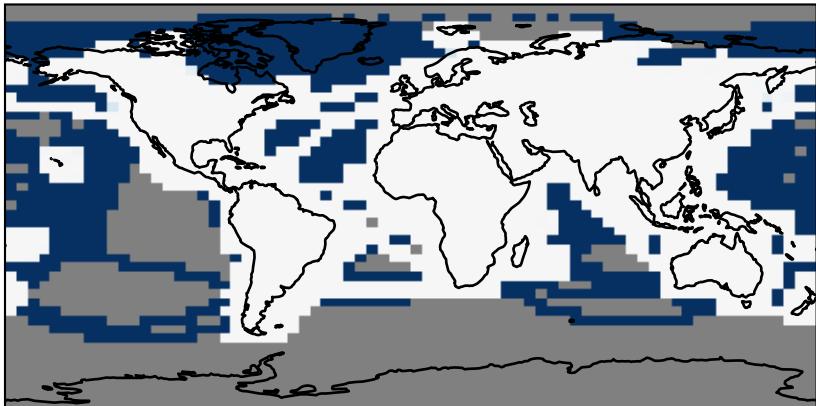
Difference
Dev - Ref, Dynamic Range



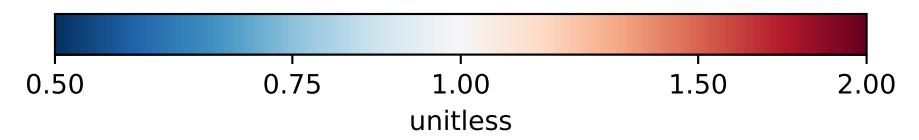
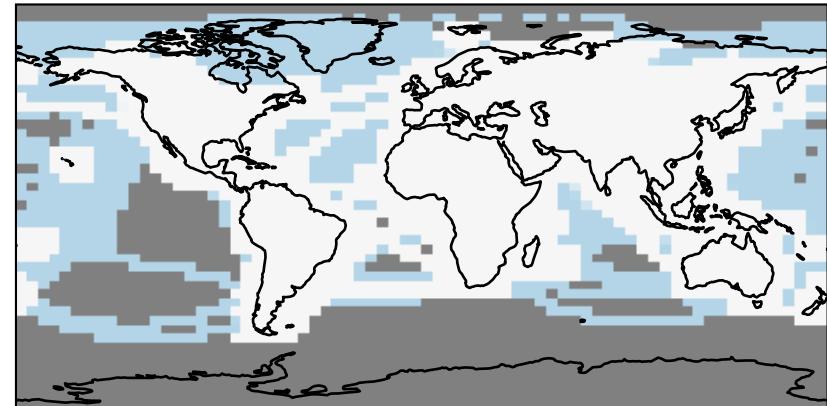
Difference
Dev - Ref, Restricted Range [5%, 95%]



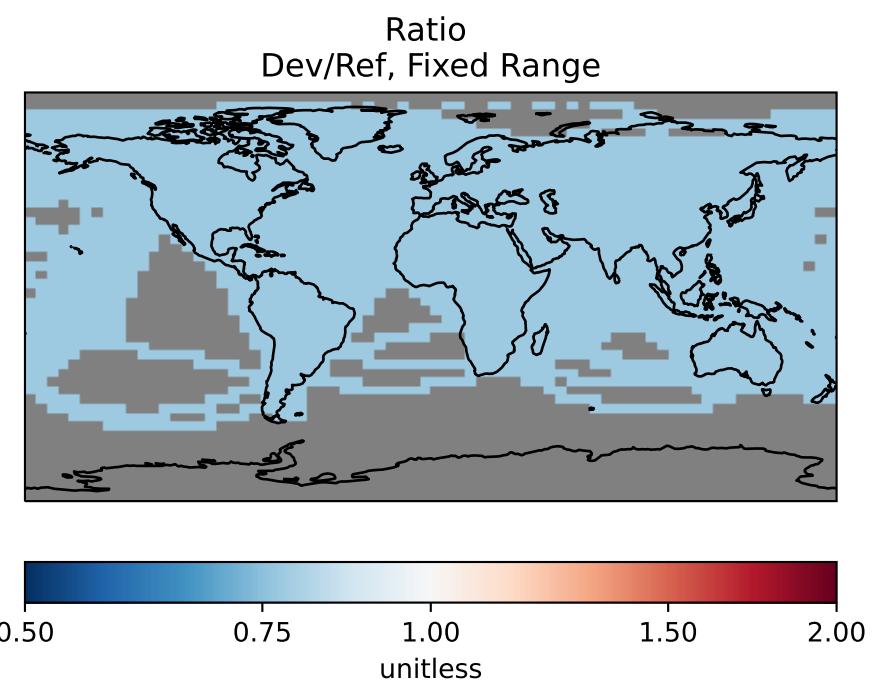
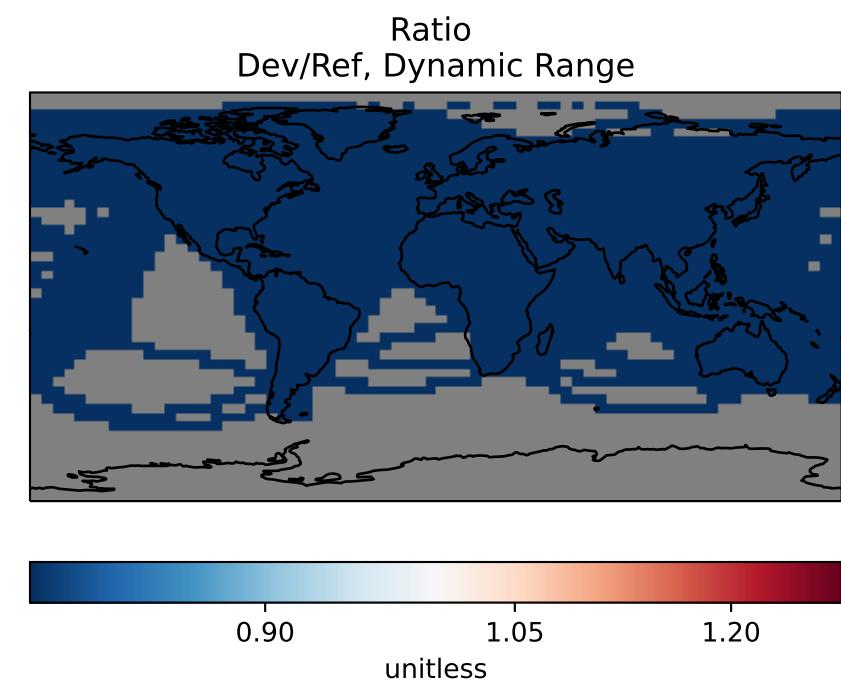
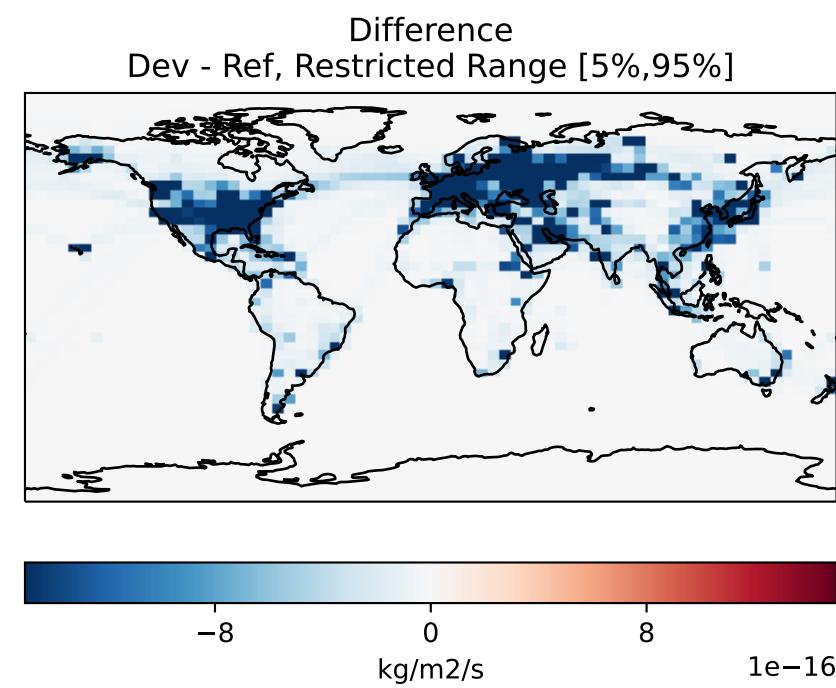
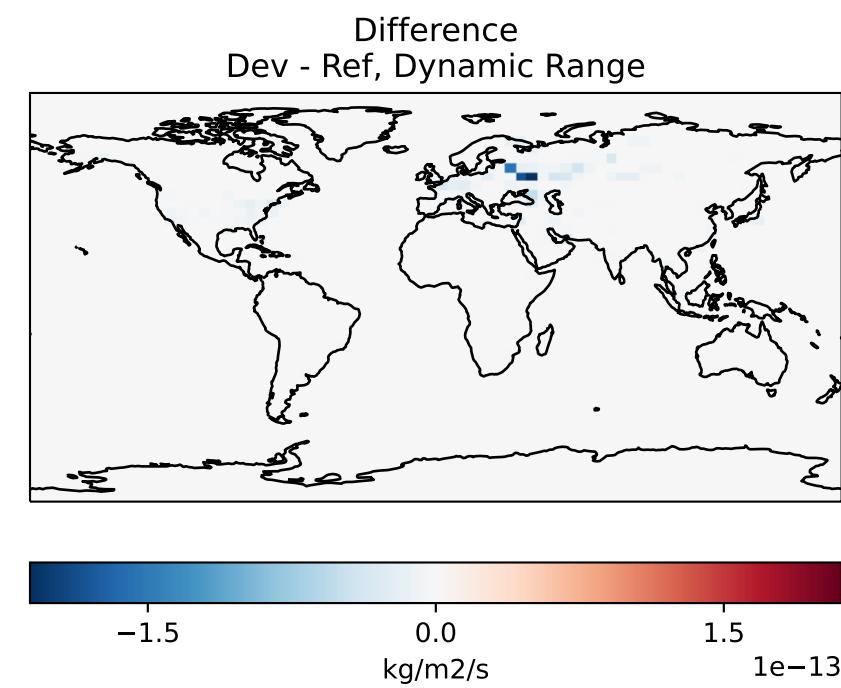
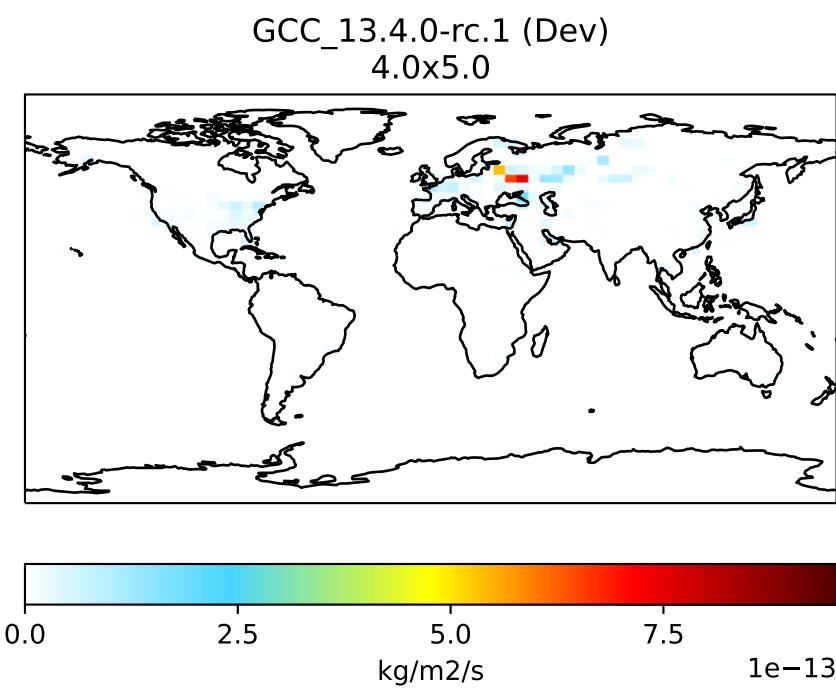
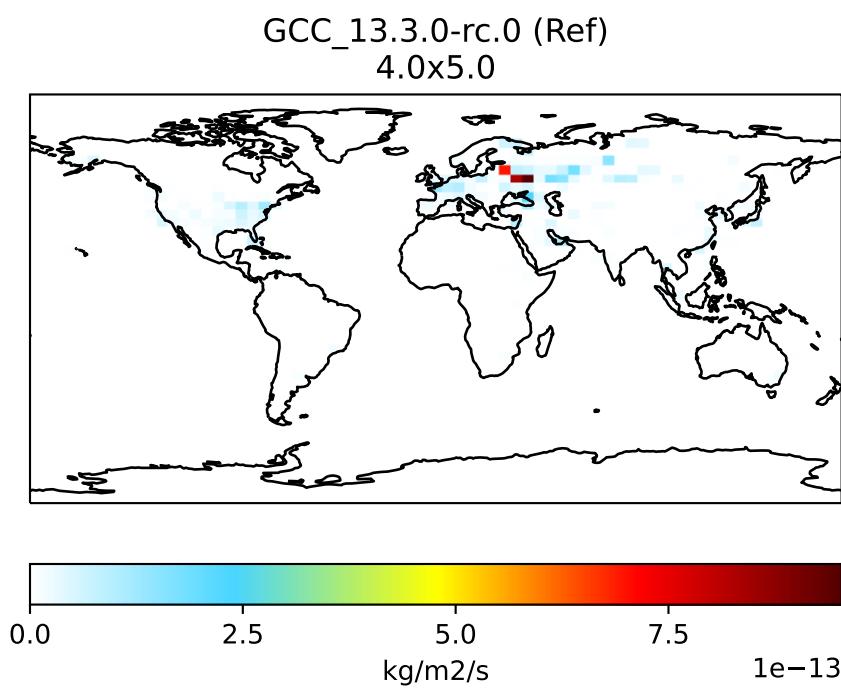
Ratio
Dev/Ref, Dynamic Range



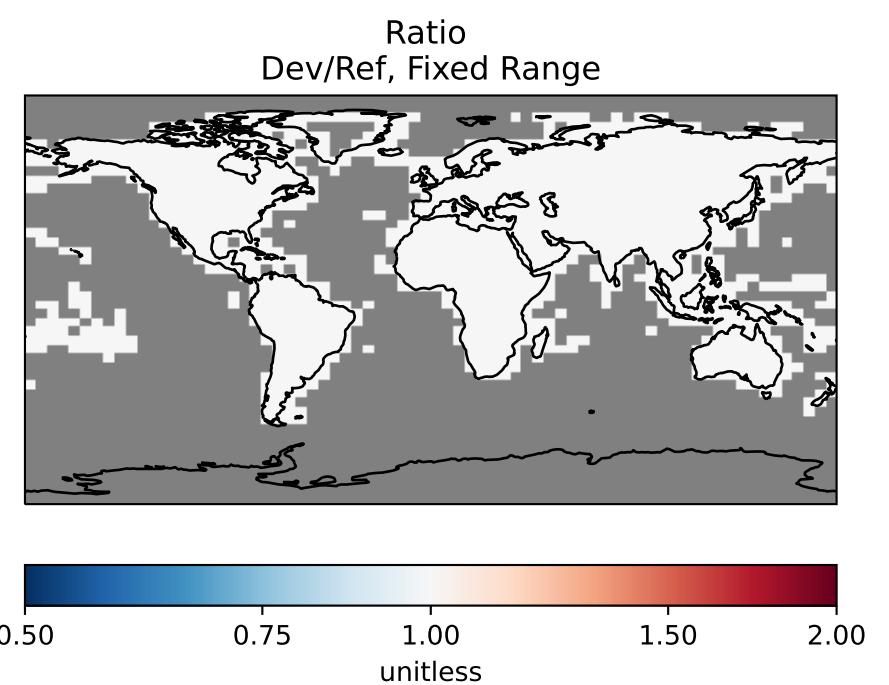
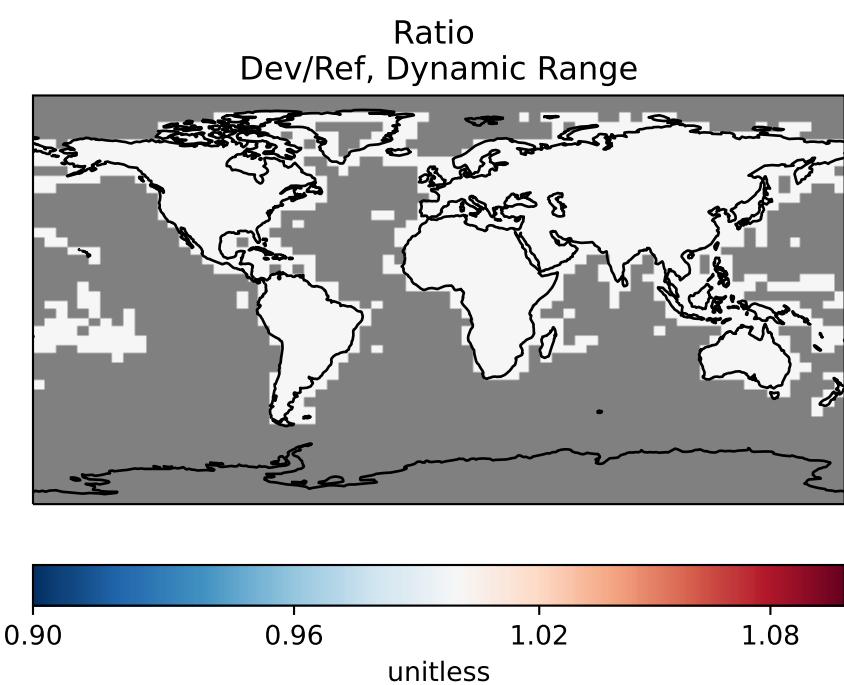
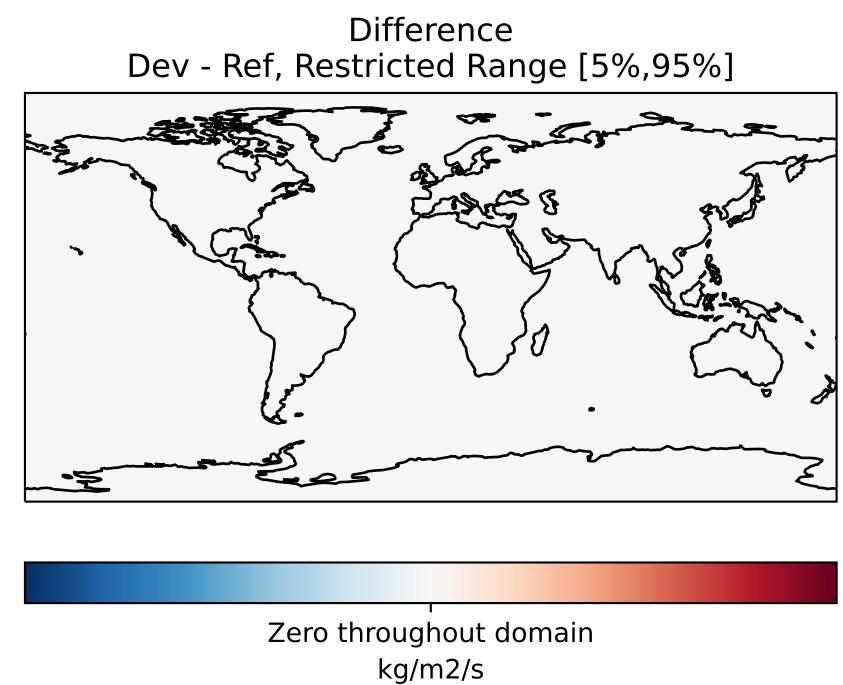
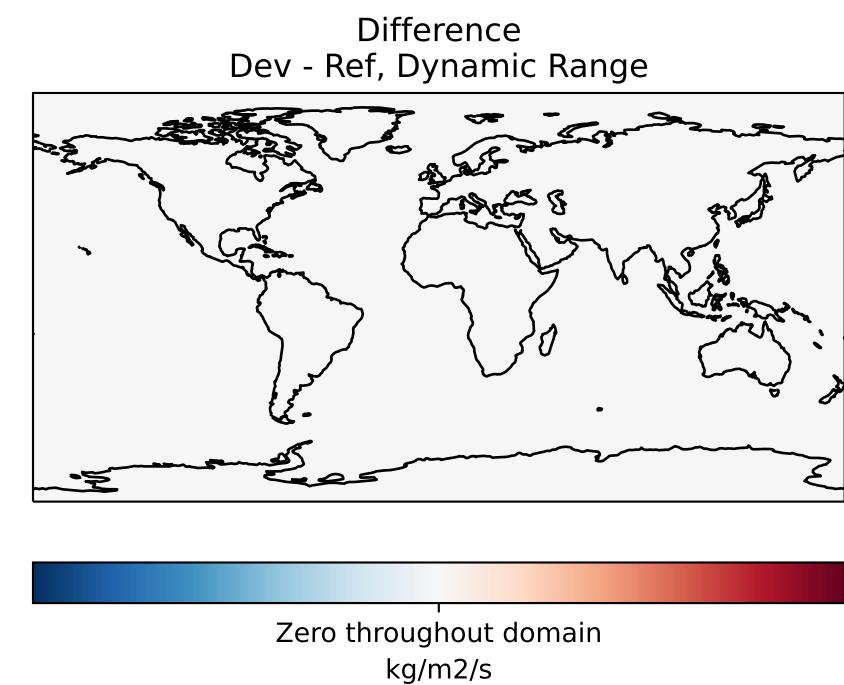
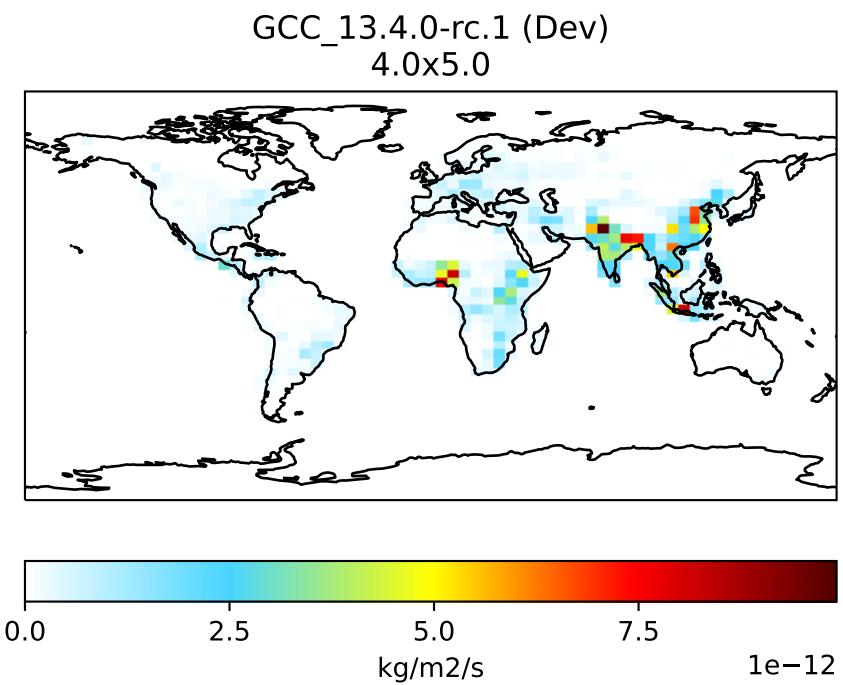
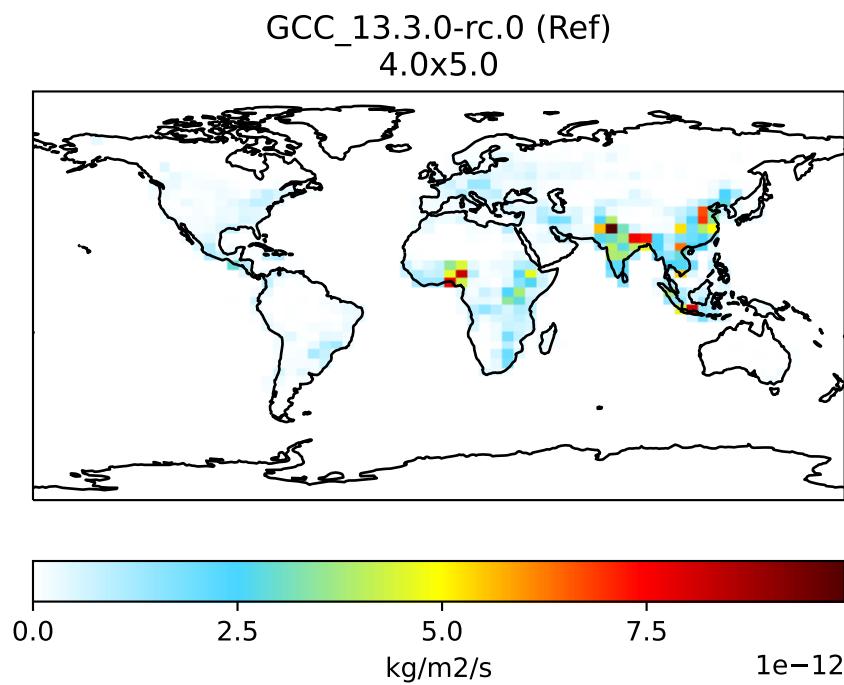
Ratio
Dev/Ref, Fixed Range



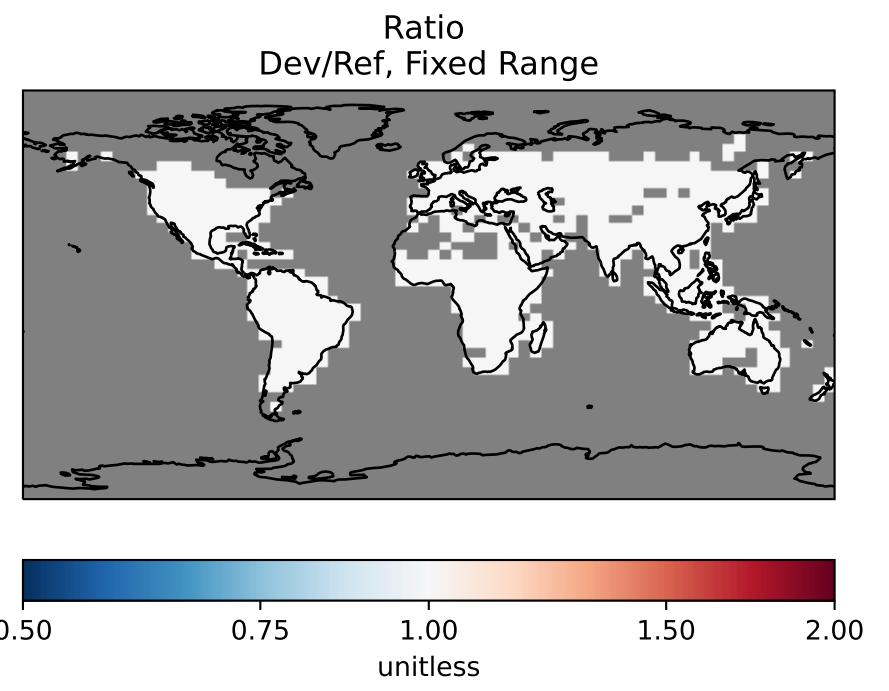
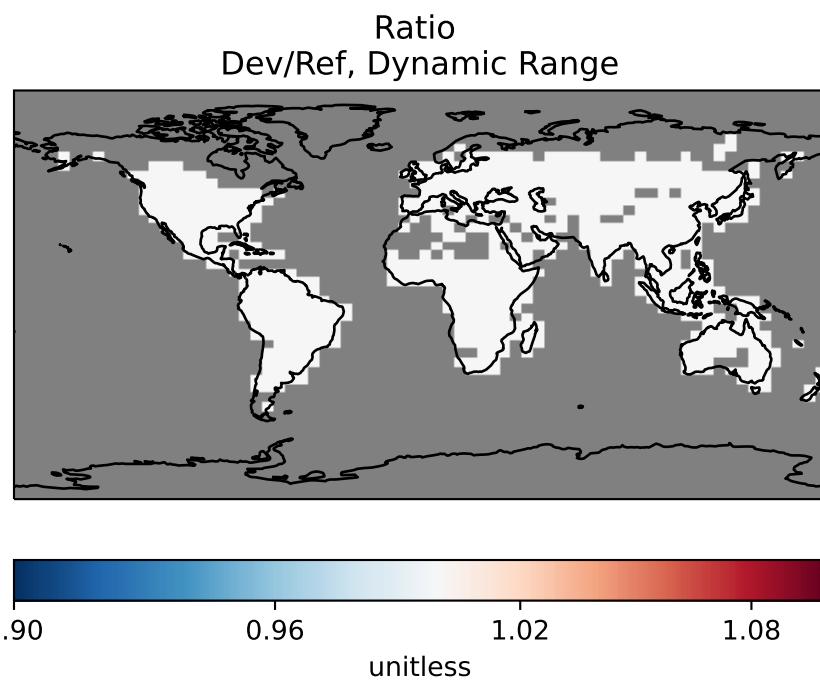
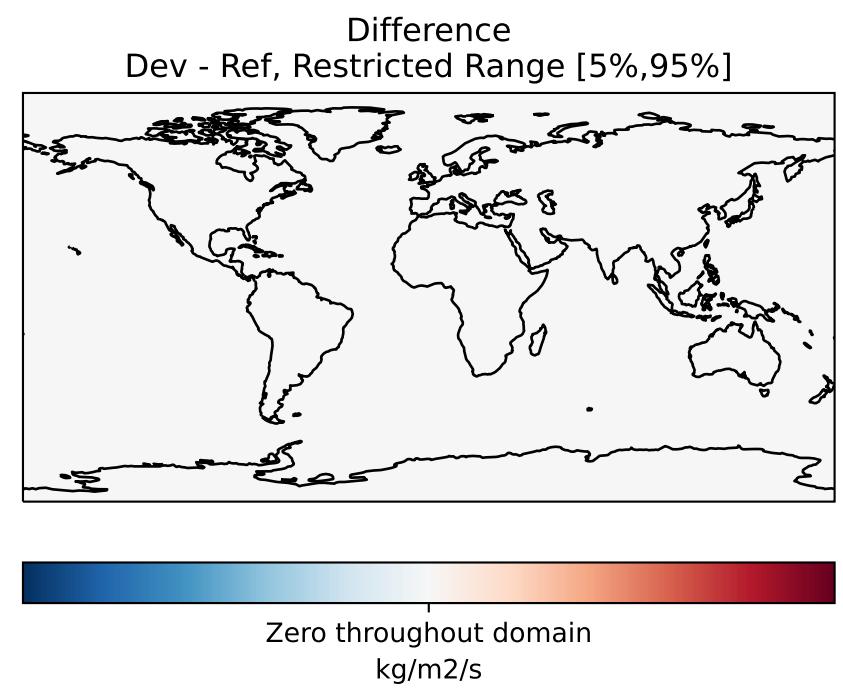
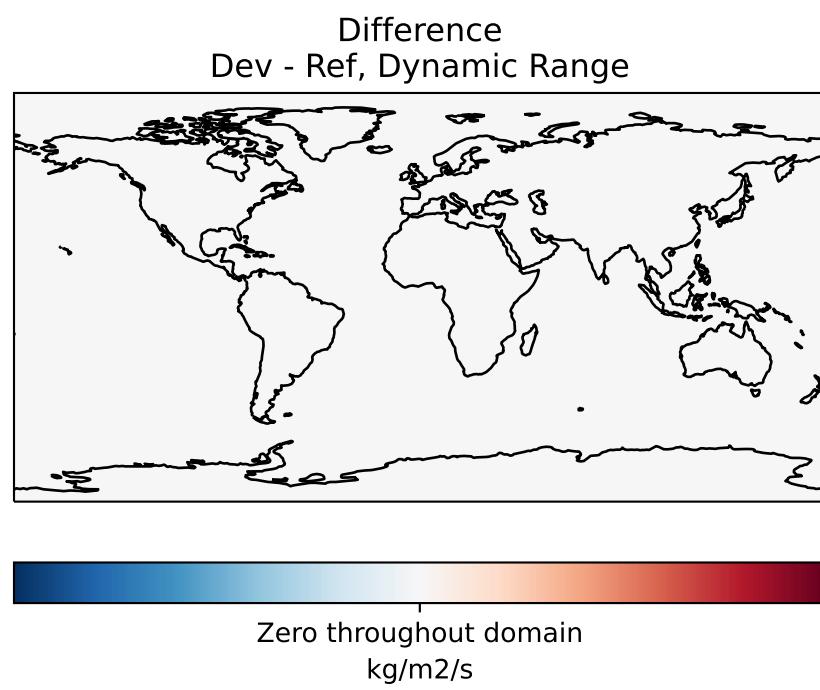
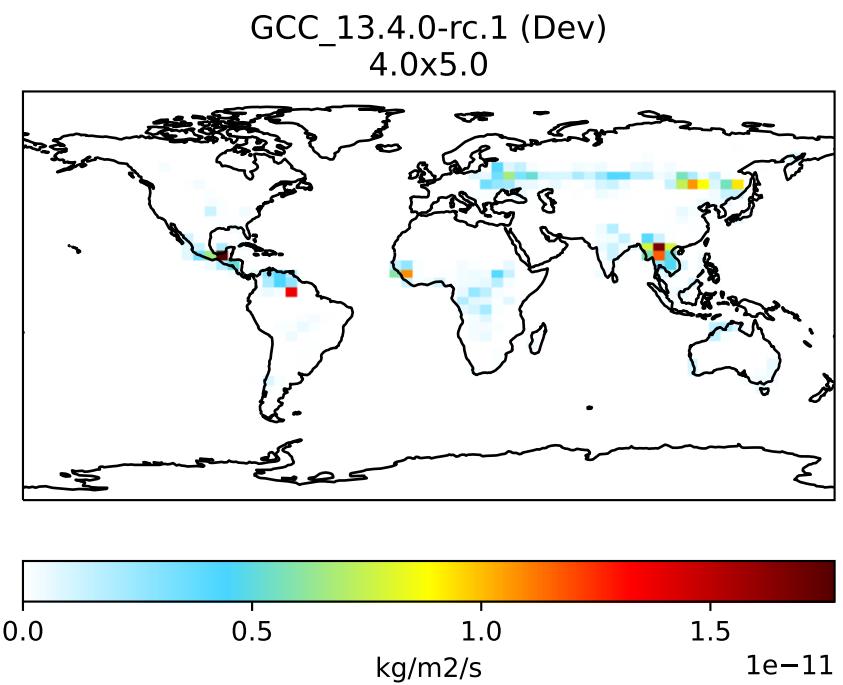
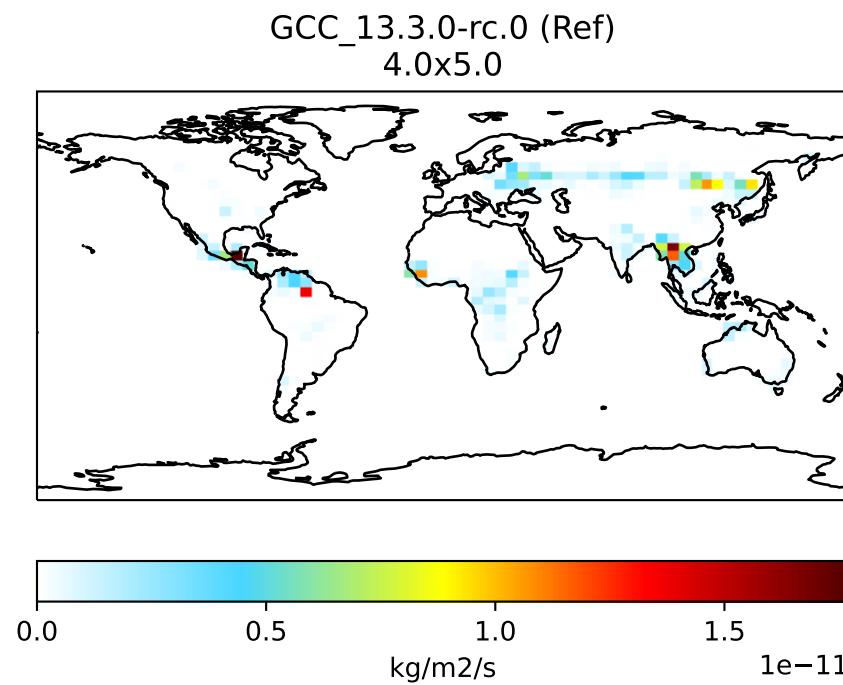
EmisPRPE_Aircraft (Apr2019)



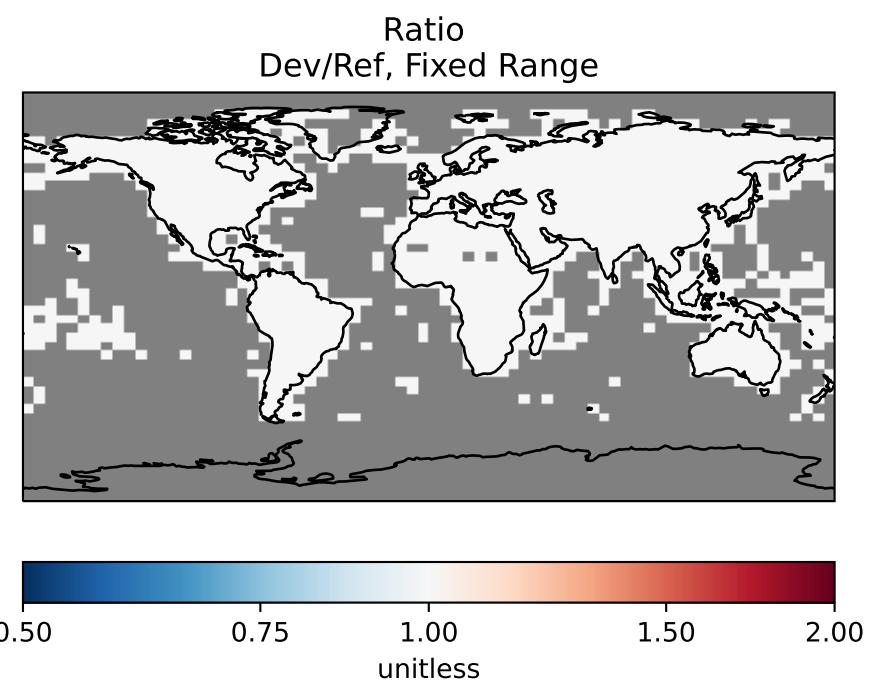
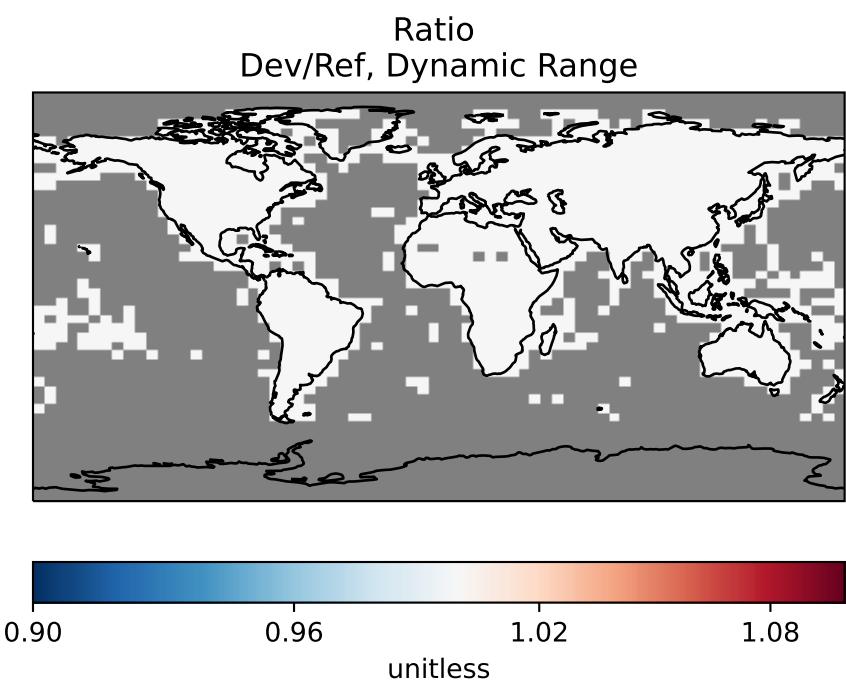
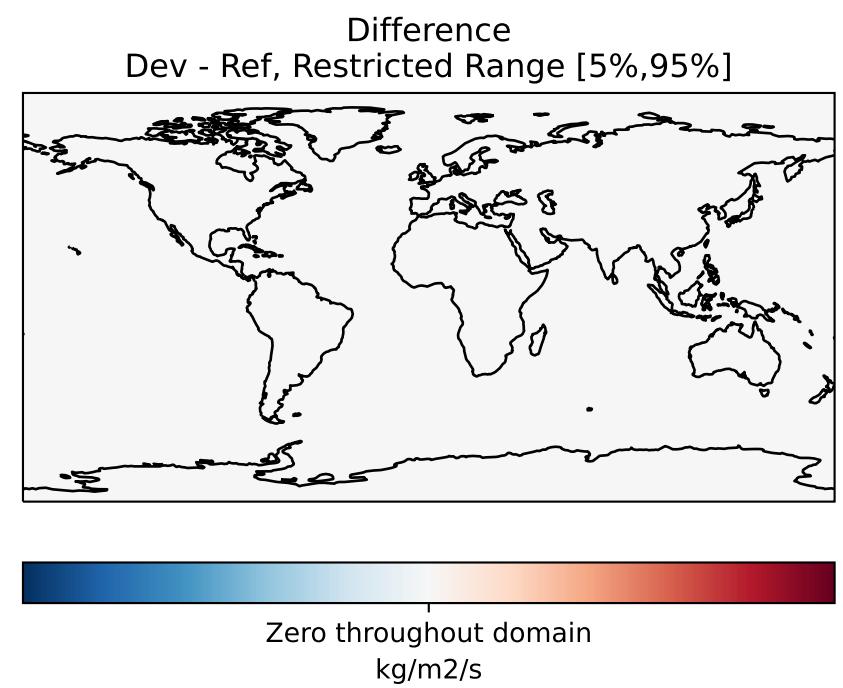
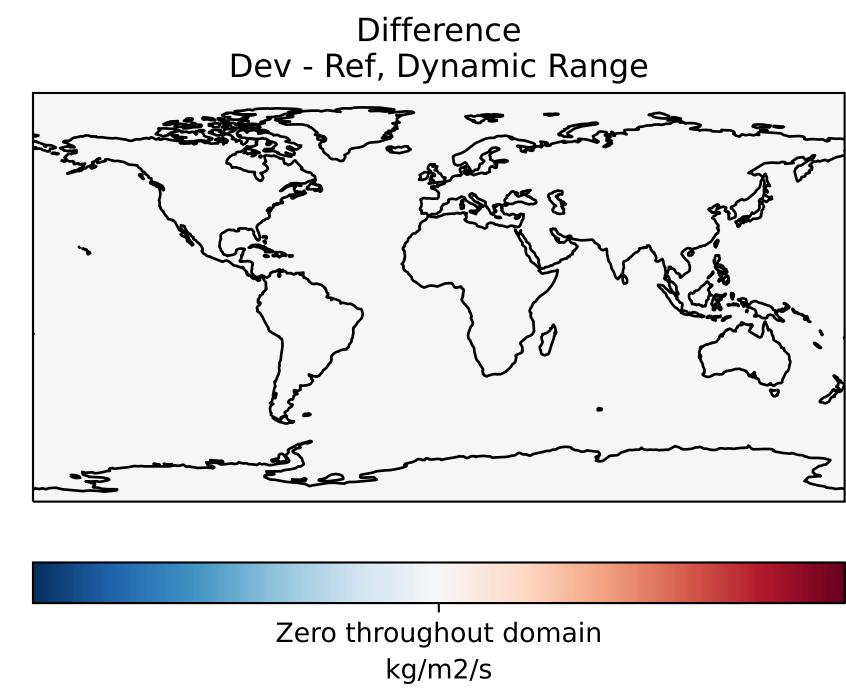
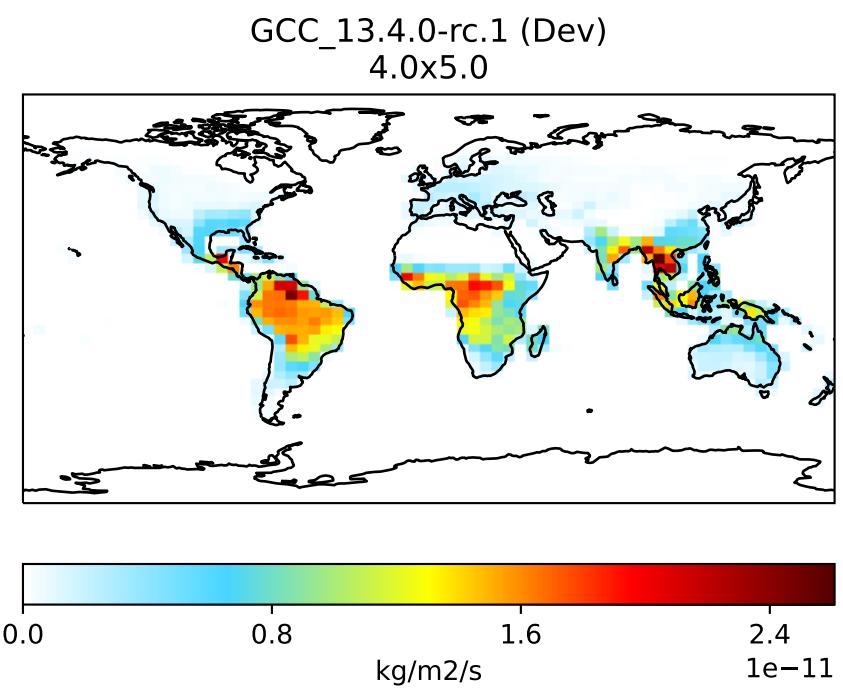
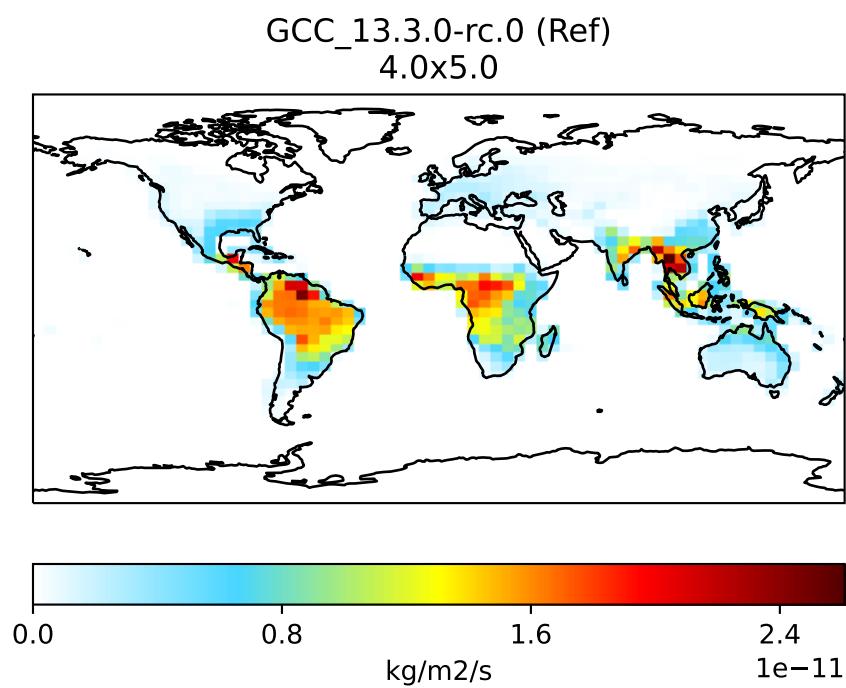
EmisPRPE_Anthro (Apr2019)



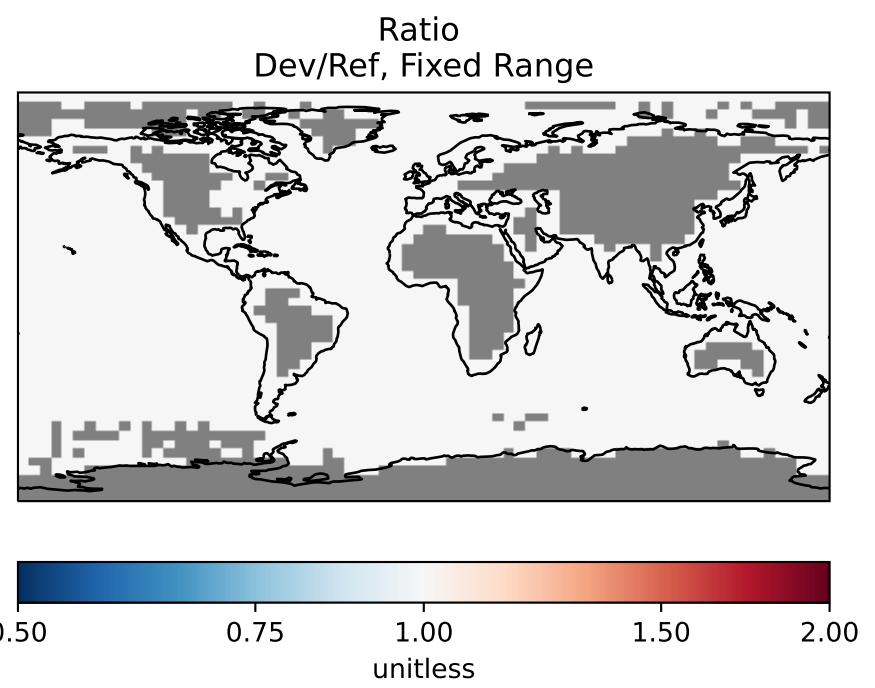
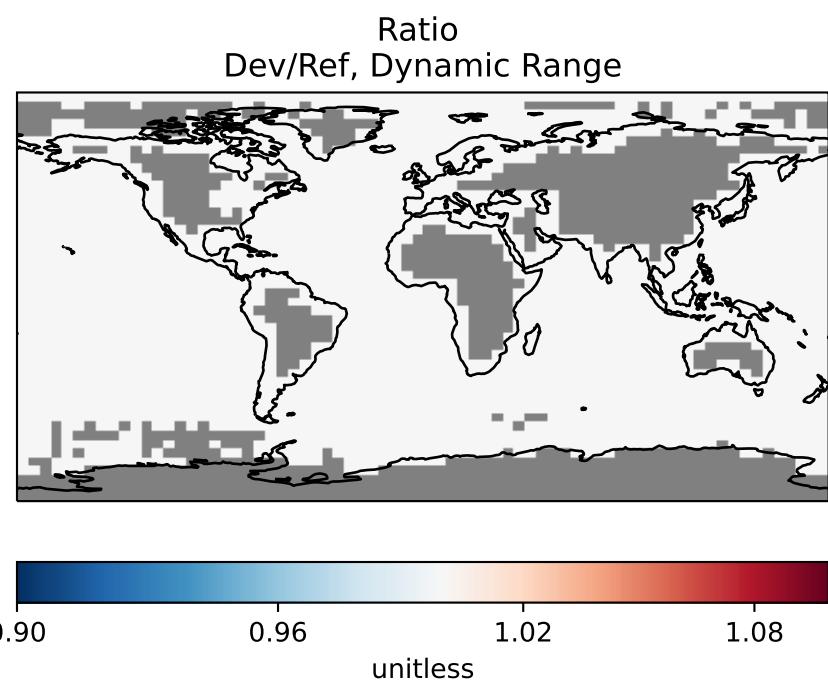
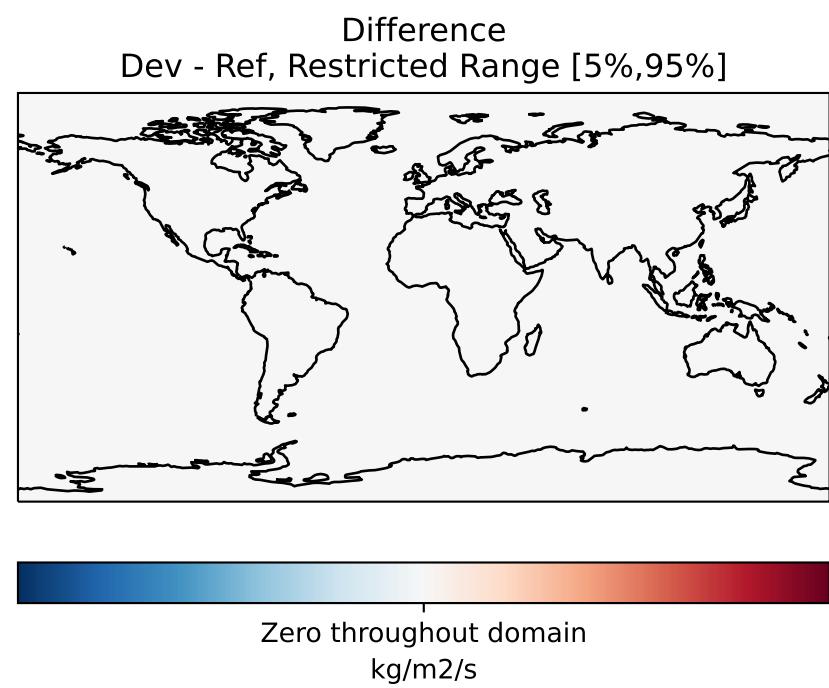
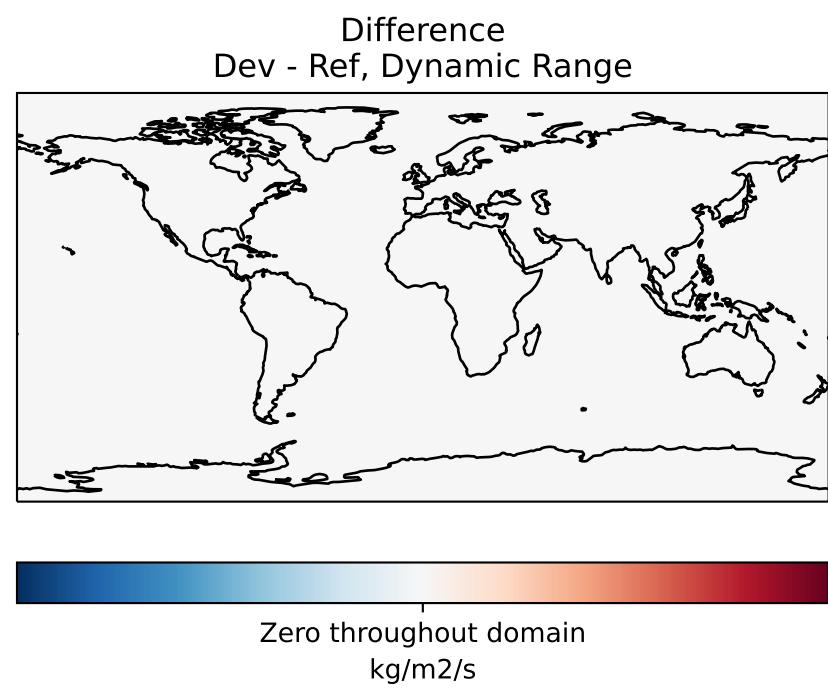
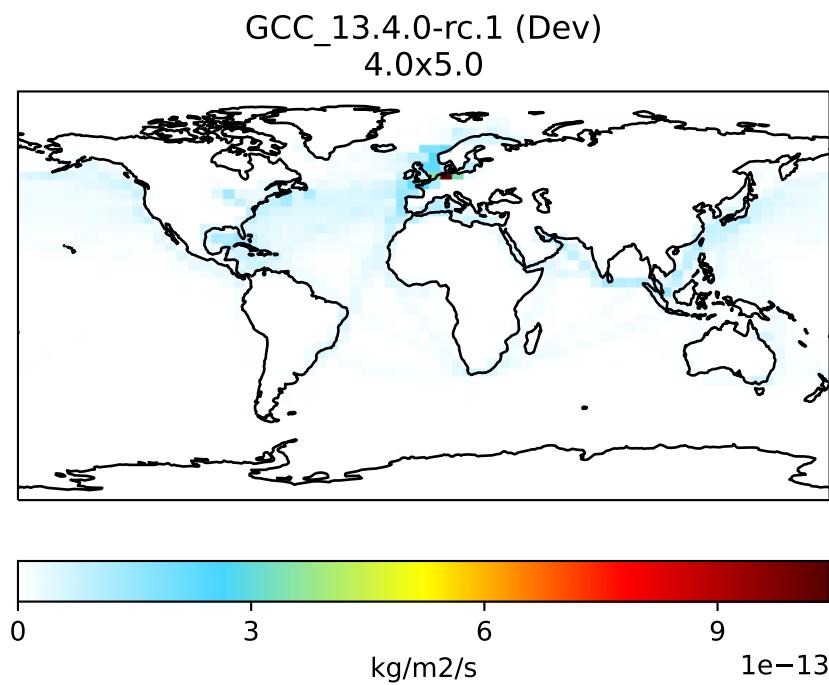
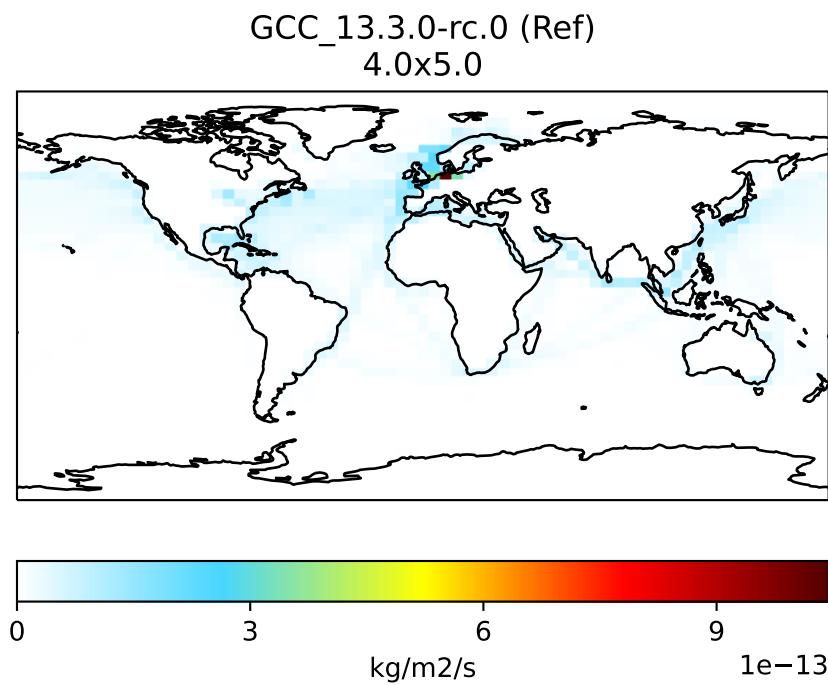
EmisPRPE_BioBurn (Apr2019)



EmisPRPE_Biogenic (Apr2019)

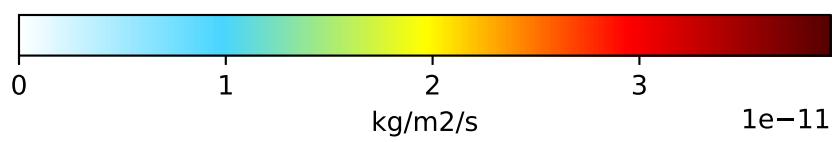
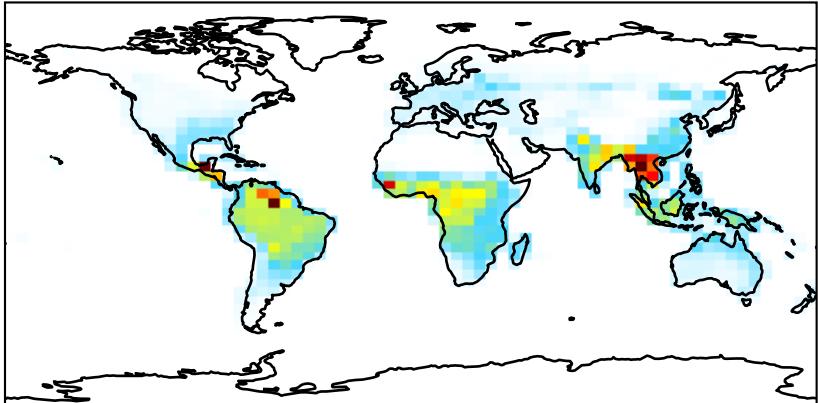


EmisPRPE_Ship (Apr2019)

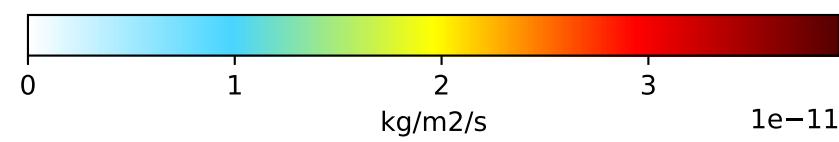
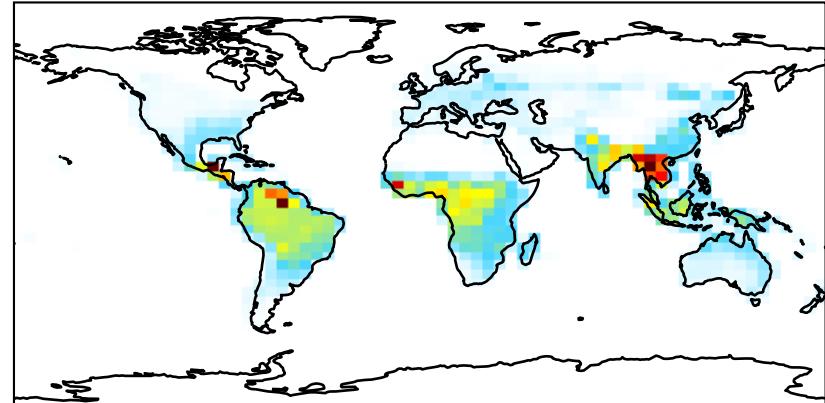


EmisPRPE_Total (Apr2019)

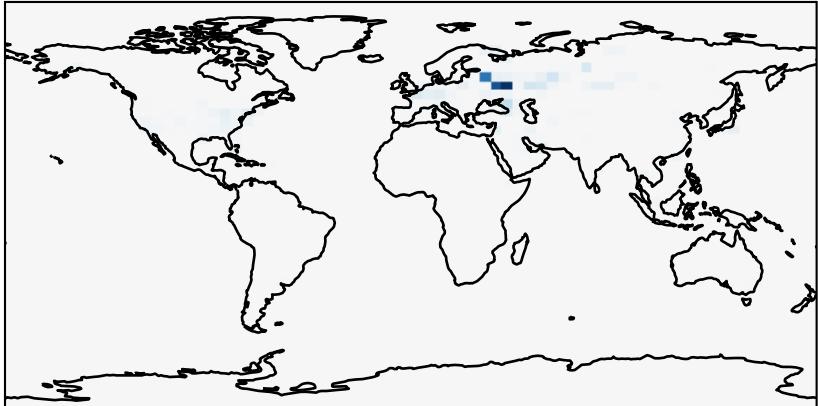
GCC_13.3.0-rc.0 (Ref)
4.0x5.0



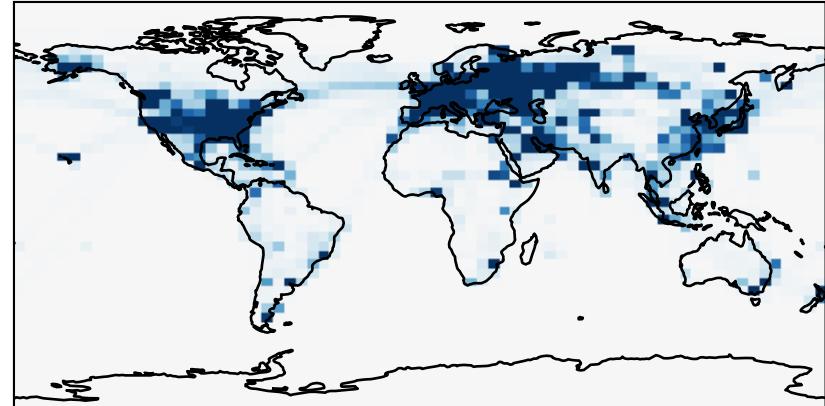
GCC_13.4.0-rc.1 (Dev)
4.0x5.0



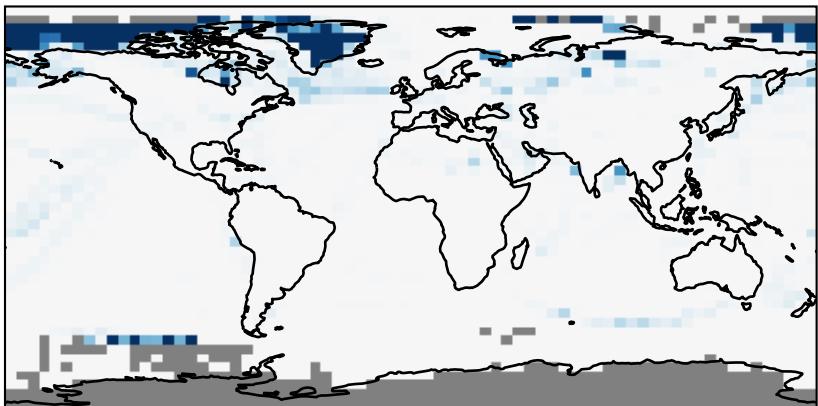
Difference
Dev - Ref, Dynamic Range



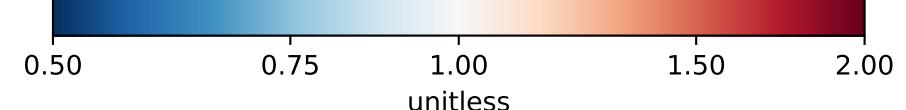
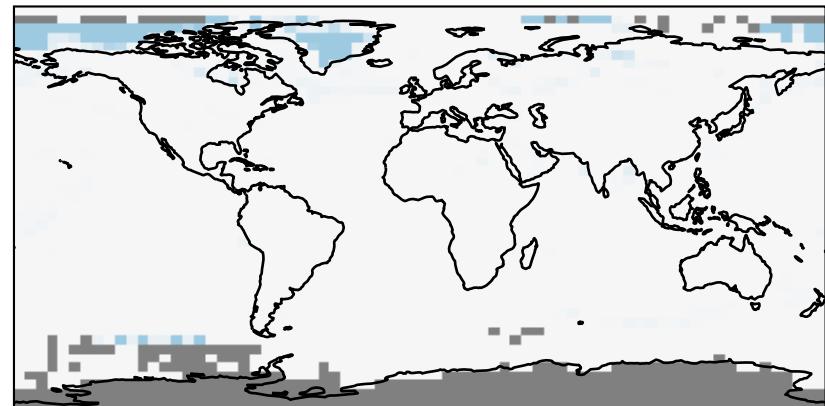
Difference
Dev - Ref, Restricted Range [5%, 95%]



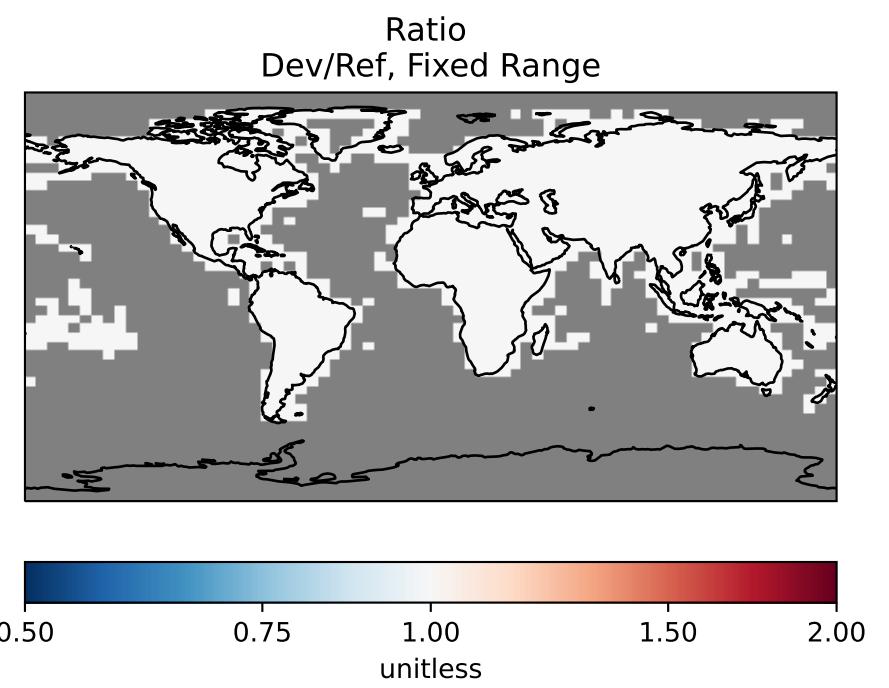
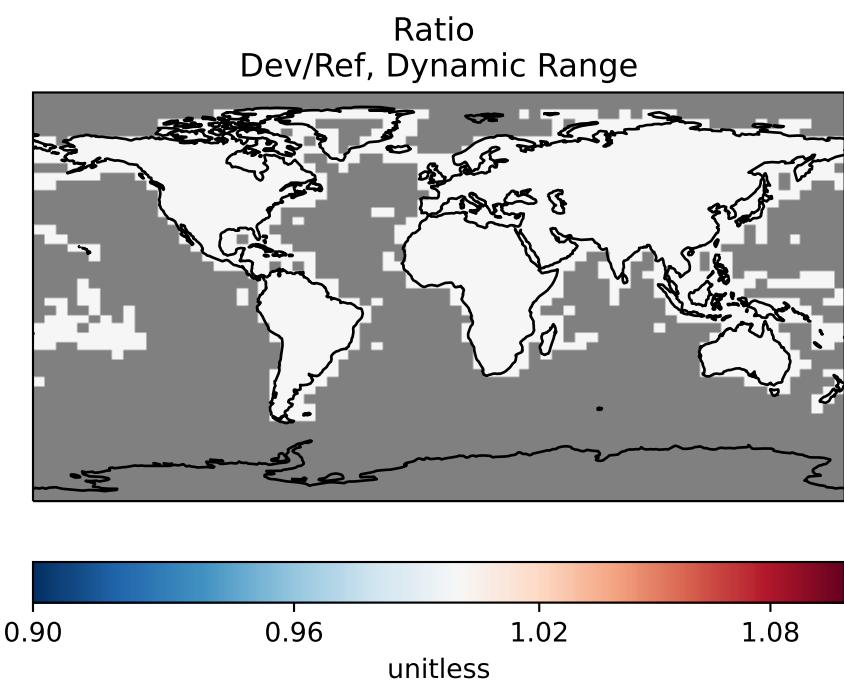
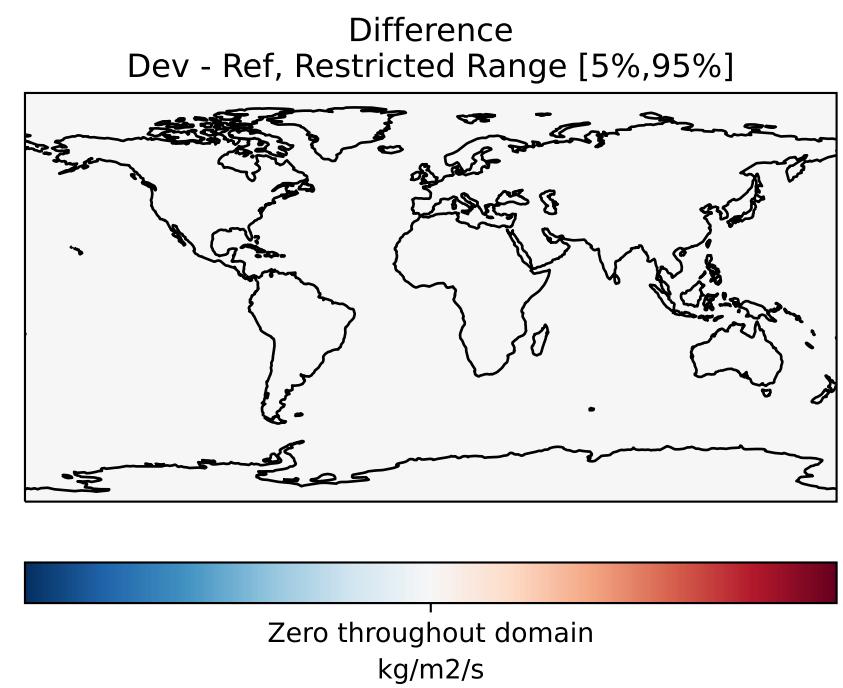
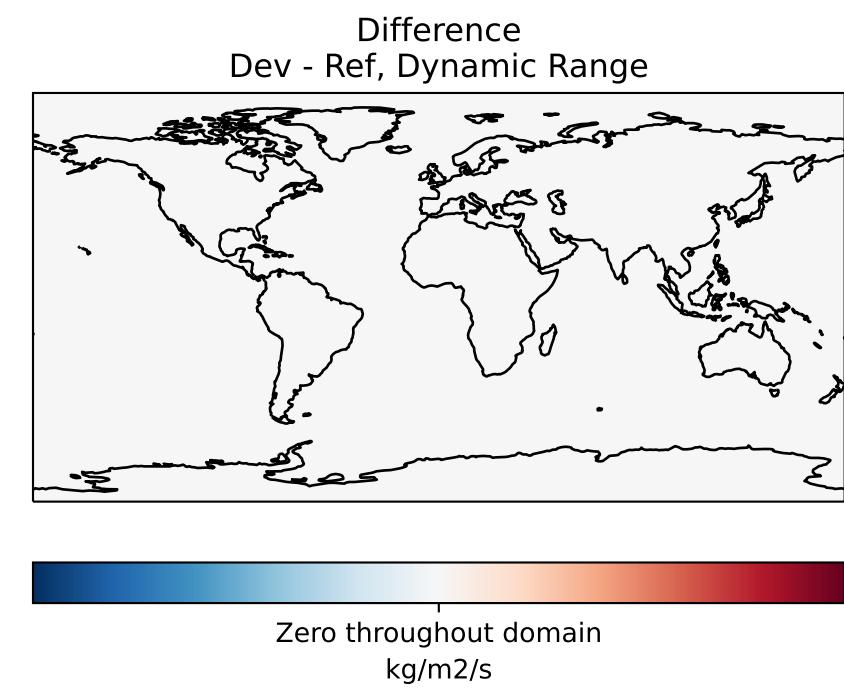
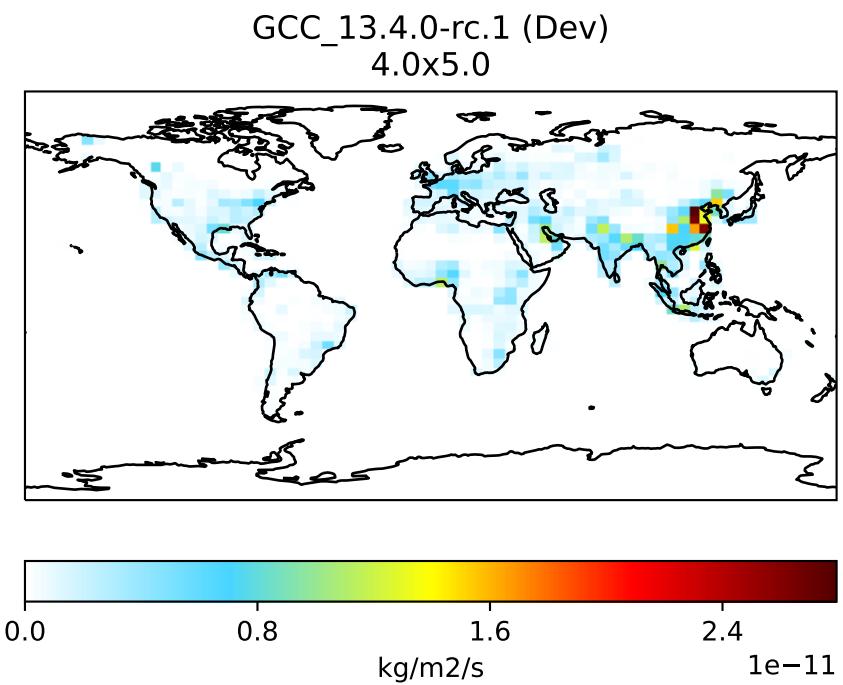
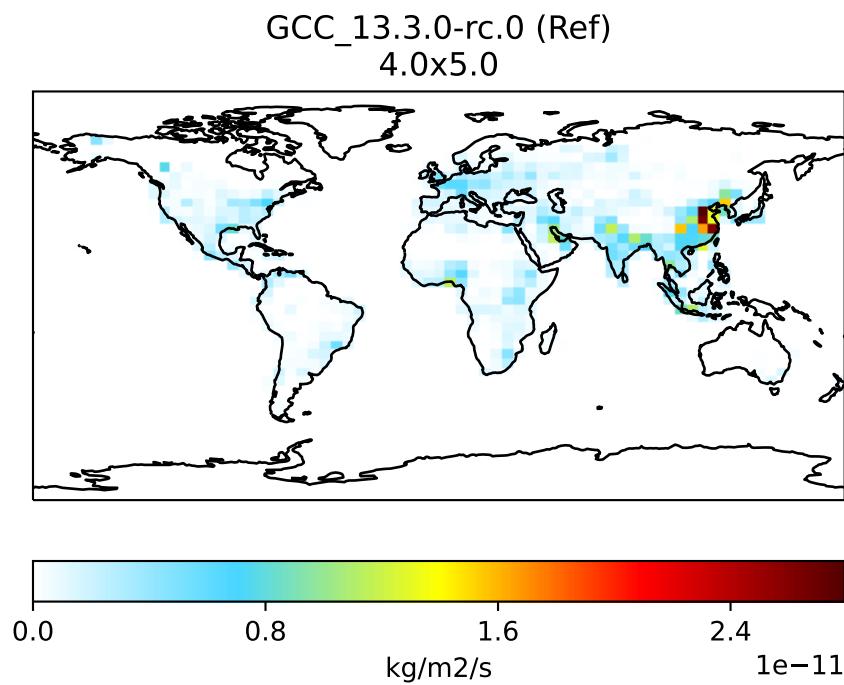
Ratio
Dev/Ref, Dynamic Range



Ratio
Dev/Ref, Fixed Range

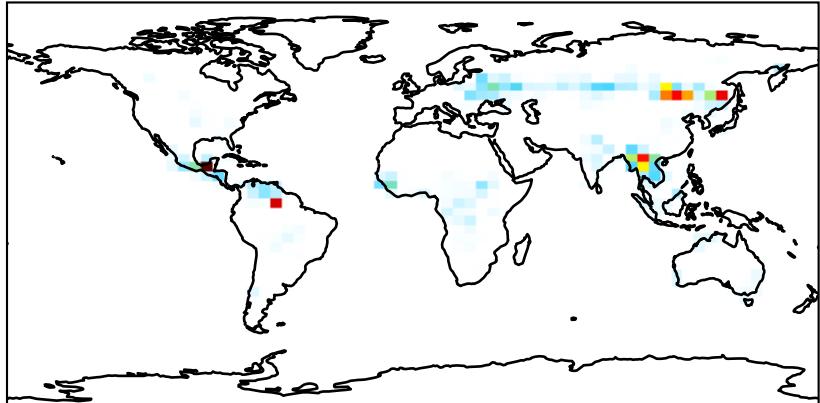


EmisTOLU_Anthro (Apr2019)

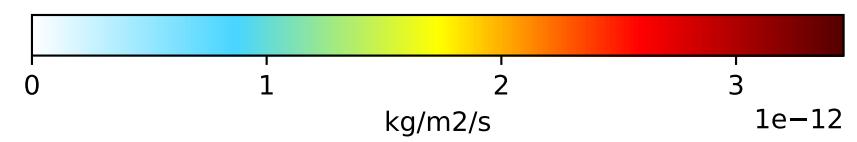
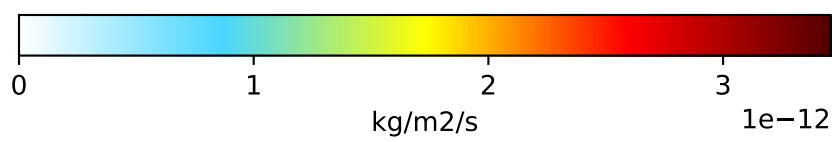
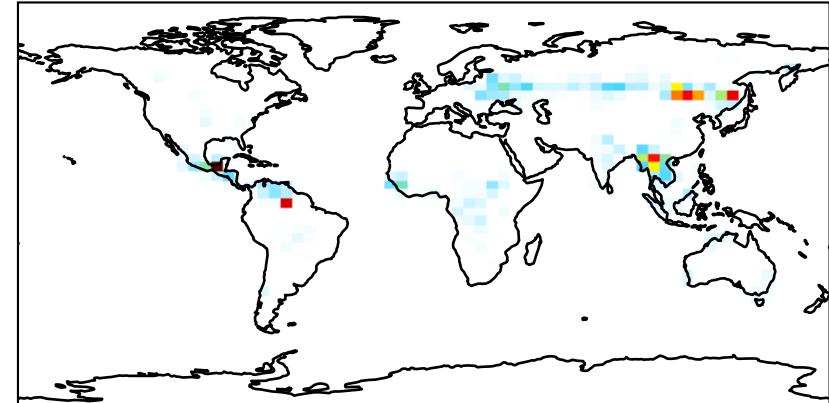


EmisTOLU_BioBurn (Apr2019)

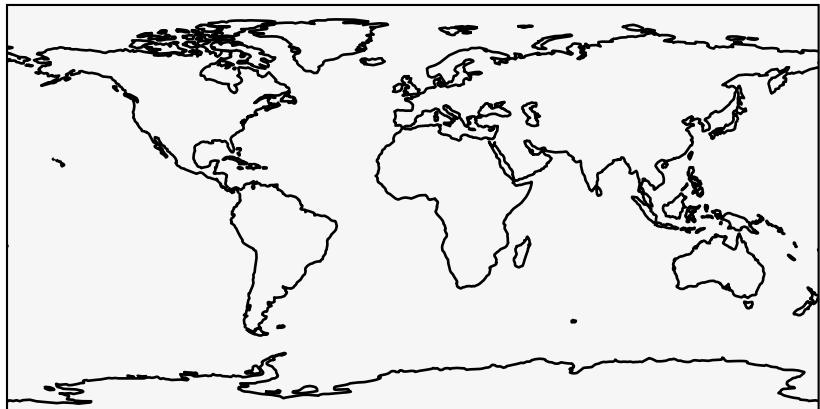
GCC_13.3.0-rc.0 (Ref)
4.0x5.0



GCC_13.4.0-rc.1 (Dev)
4.0x5.0

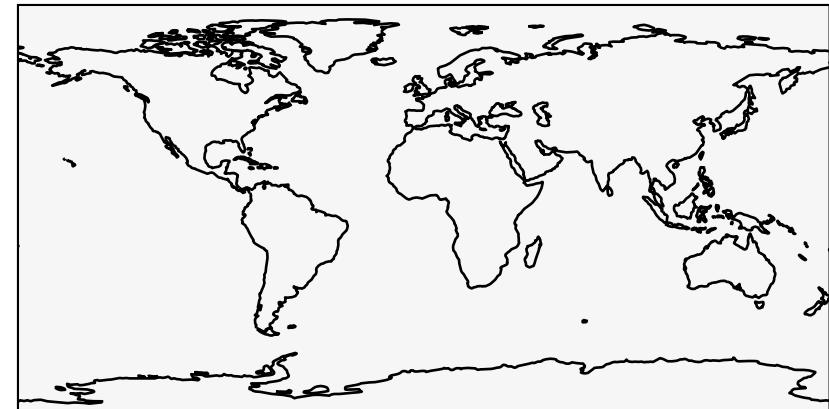


Difference
Dev - Ref, Dynamic Range



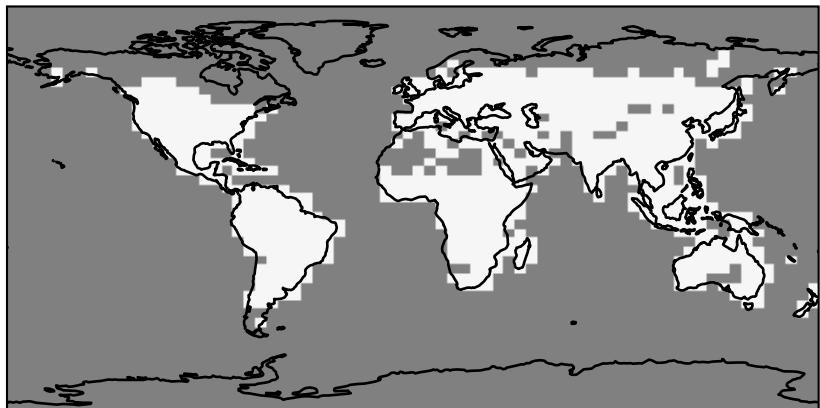
Zero throughout domain
kg/m²/s

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



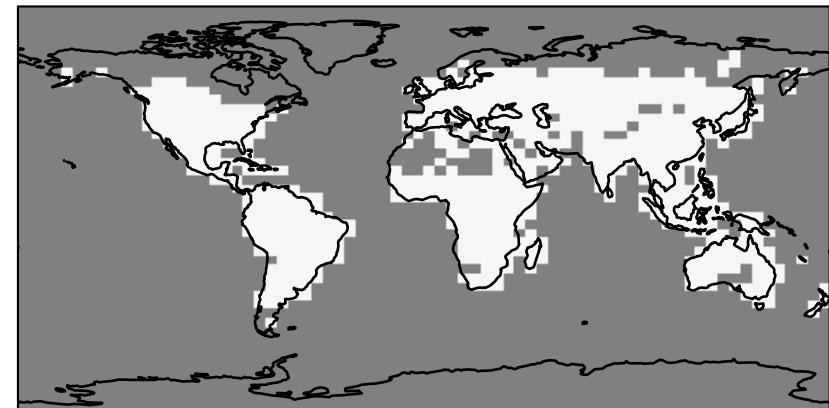
Zero throughout domain
kg/m²/s

Ratio
Dev/Ref, Dynamic Range



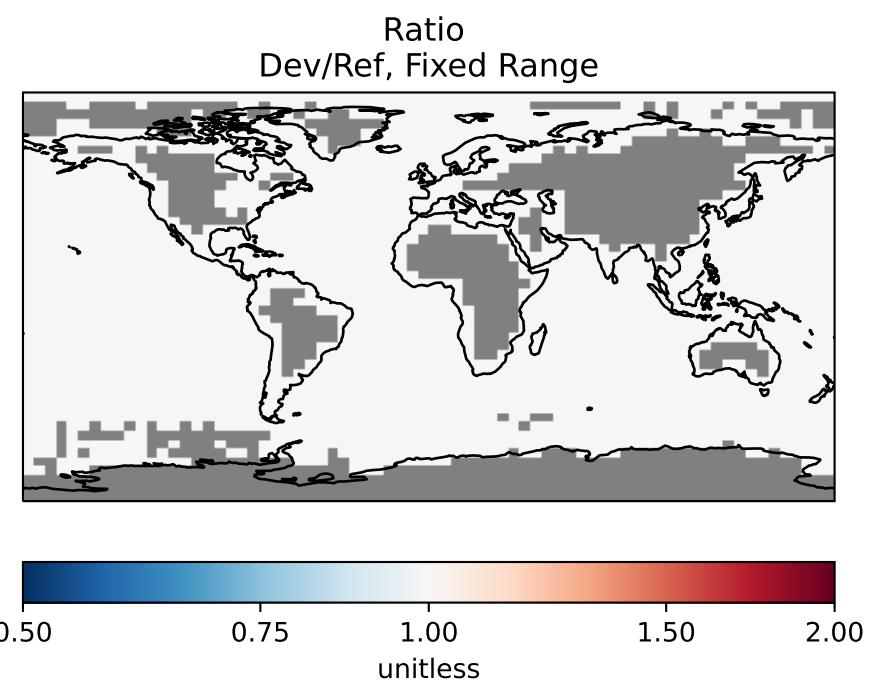
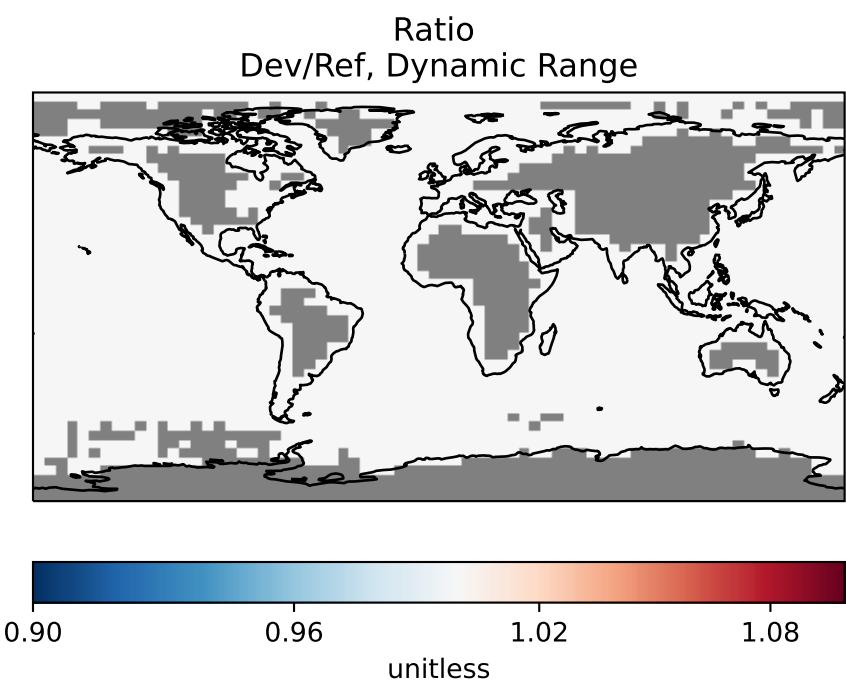
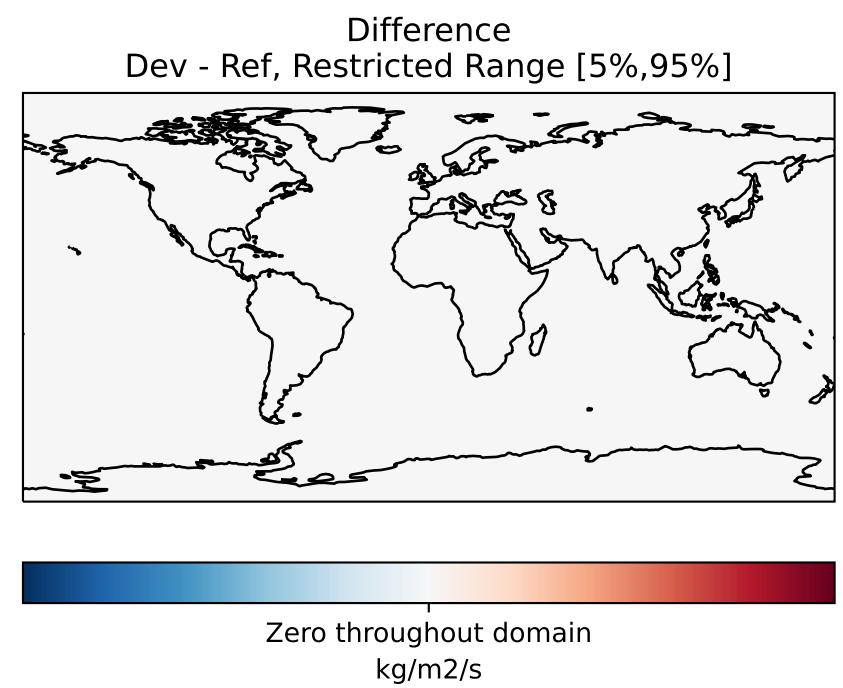
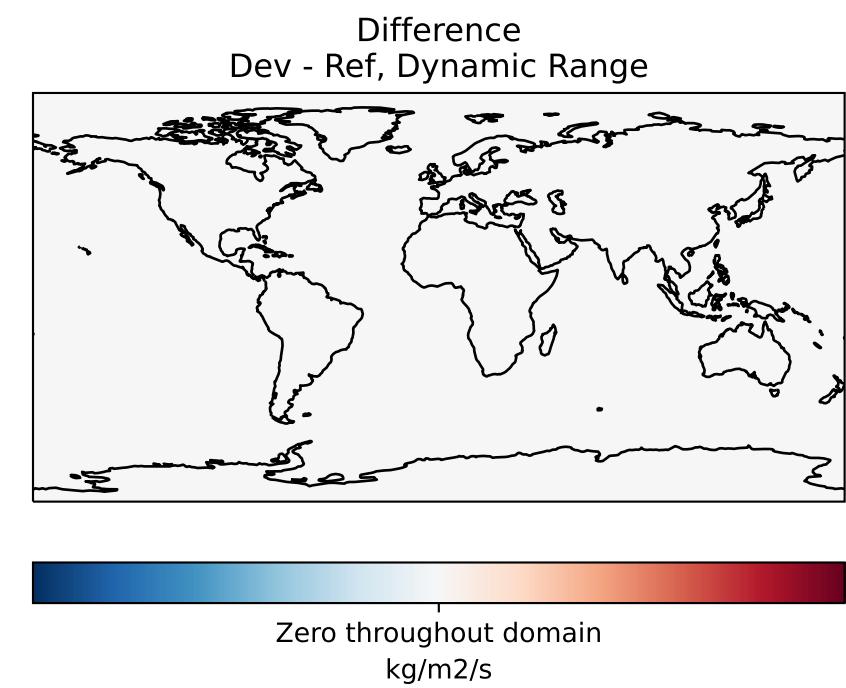
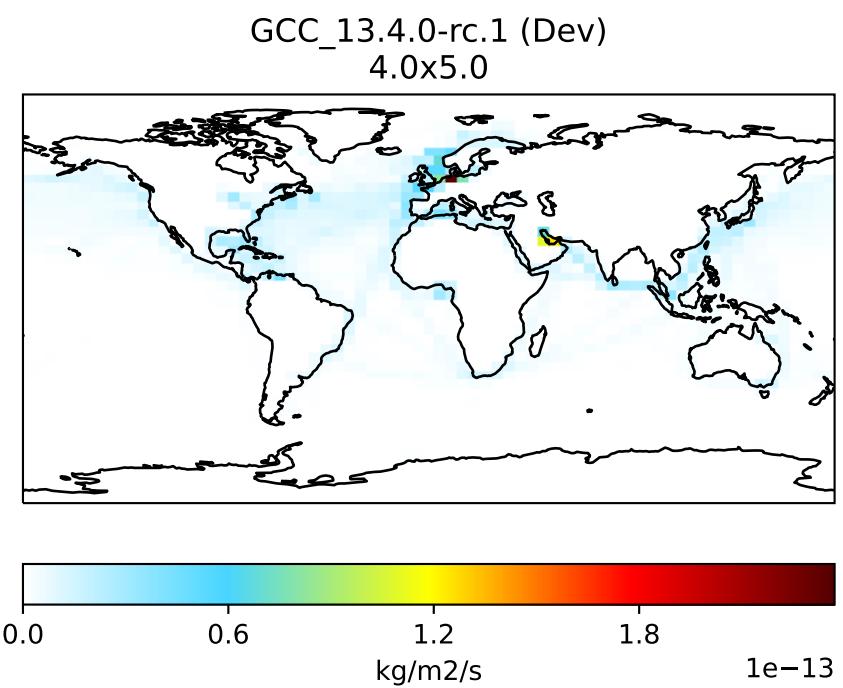
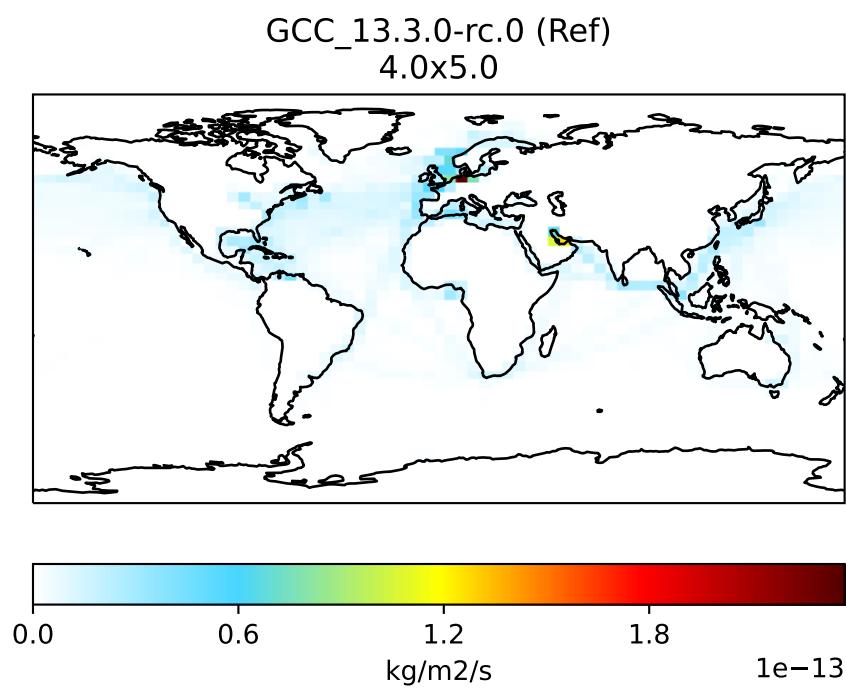
0.90 0.96 1.02 1.08
unitless

Ratio
Dev/Ref, Fixed Range

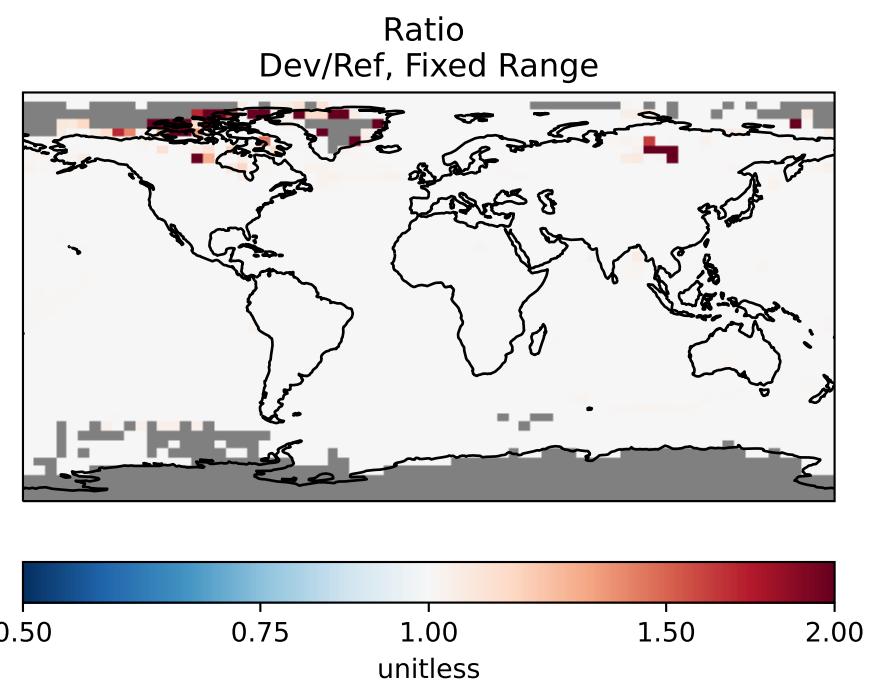
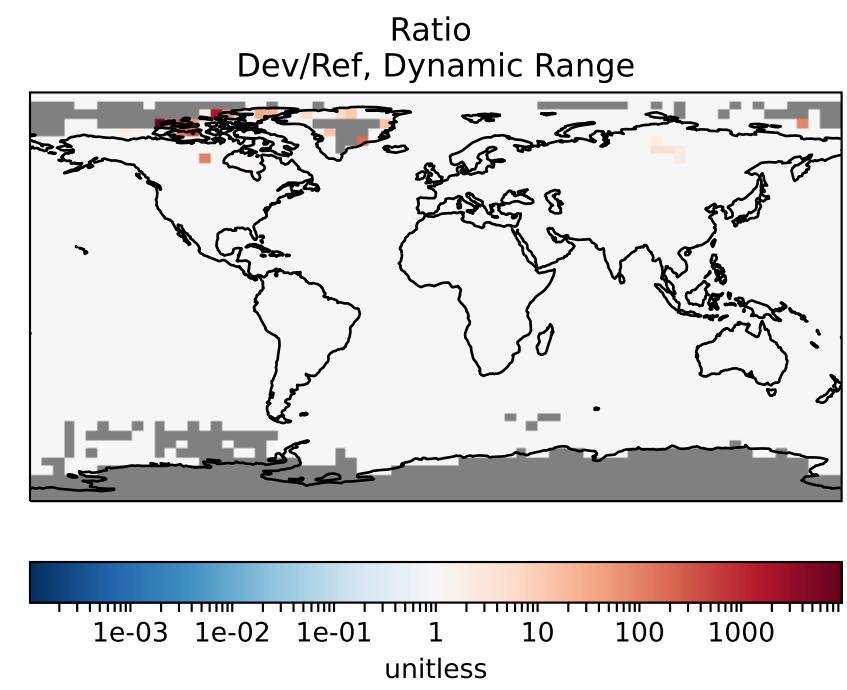
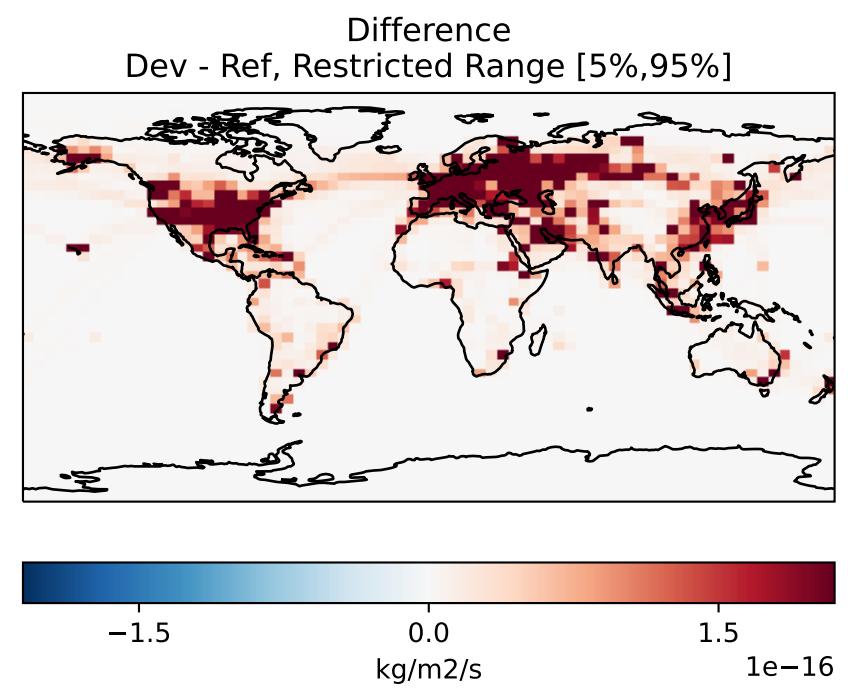
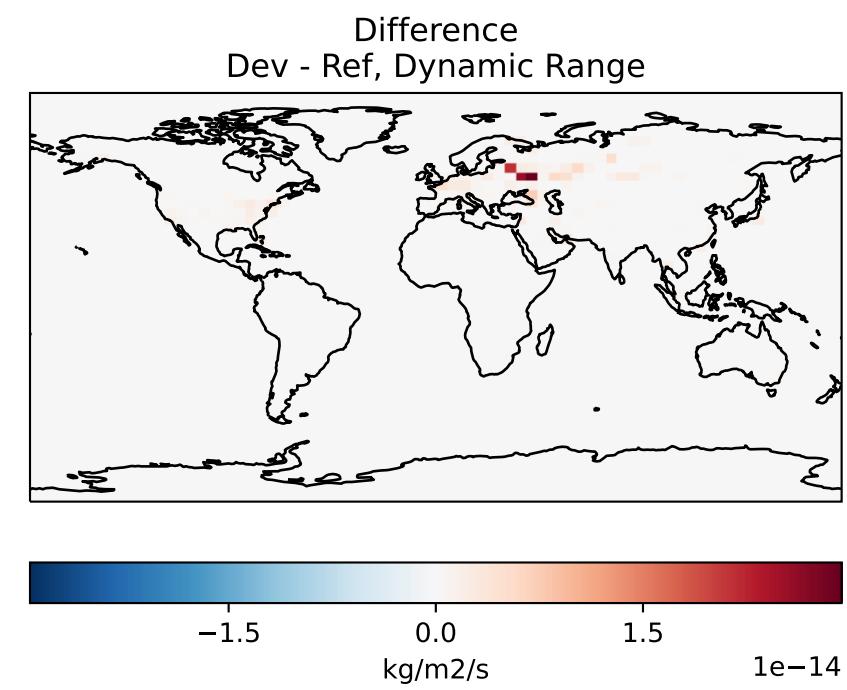
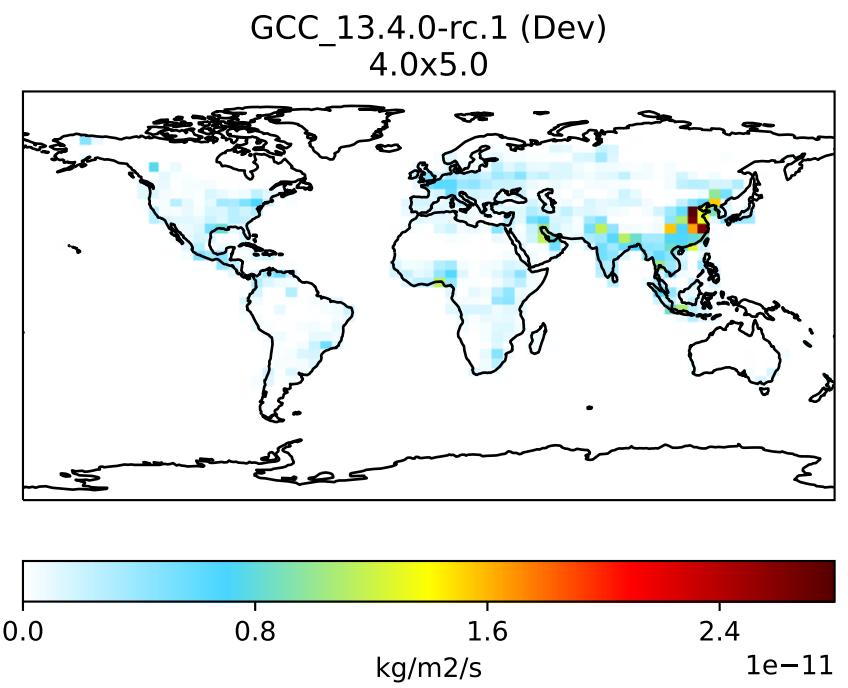
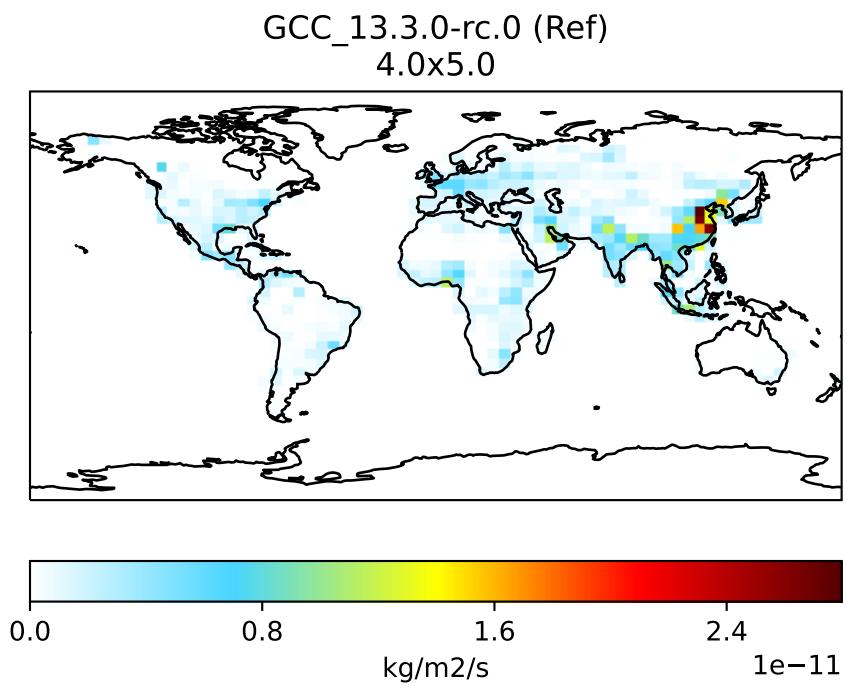


0.50 0.75 1.00 1.50 2.00
unitless

EmisTOLU_Ship (Apr2019)

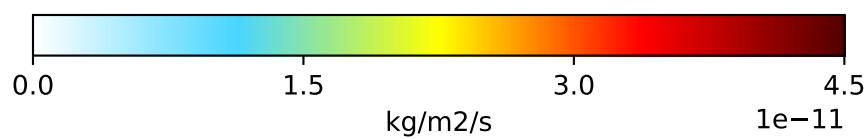
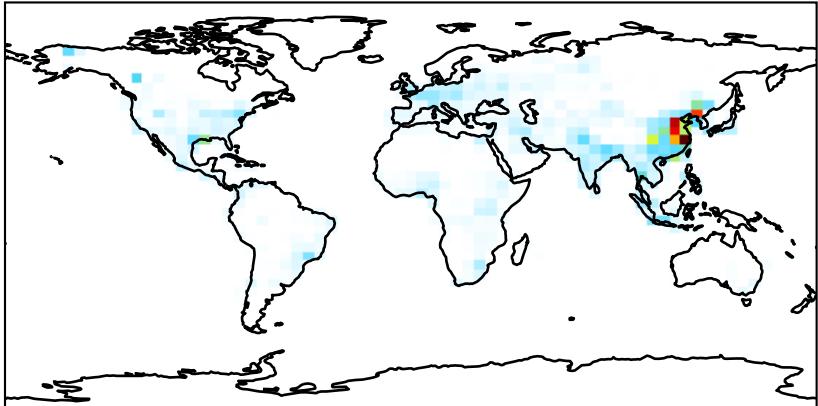


EmisTOLU_Total (Apr2019)

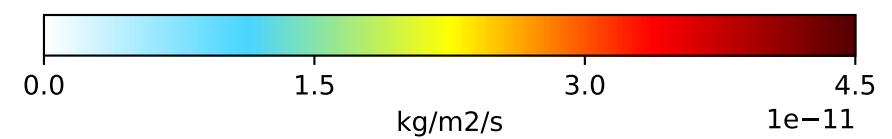
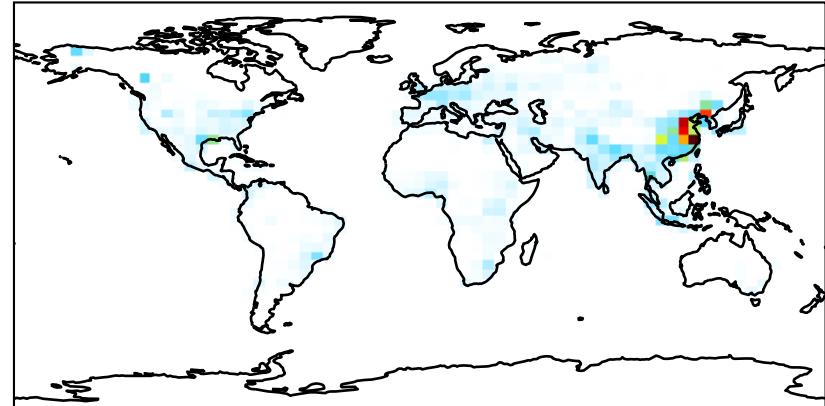


EmisXYLE_Anthro (Apr2019)

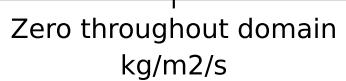
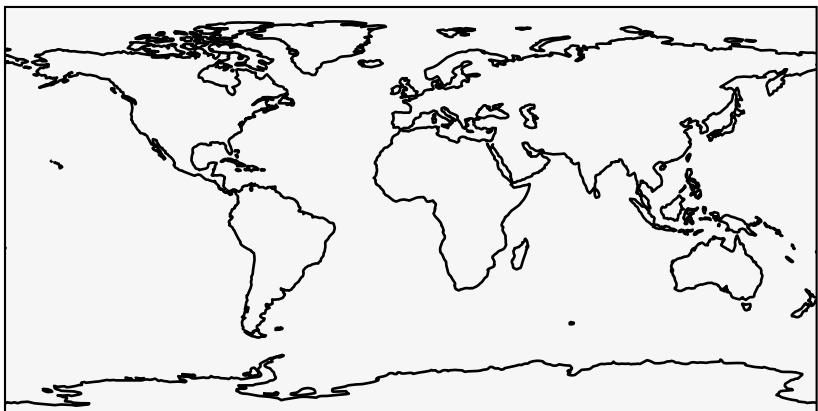
GCC_13.3.0-rc.0 (Ref)
4.0x5.0



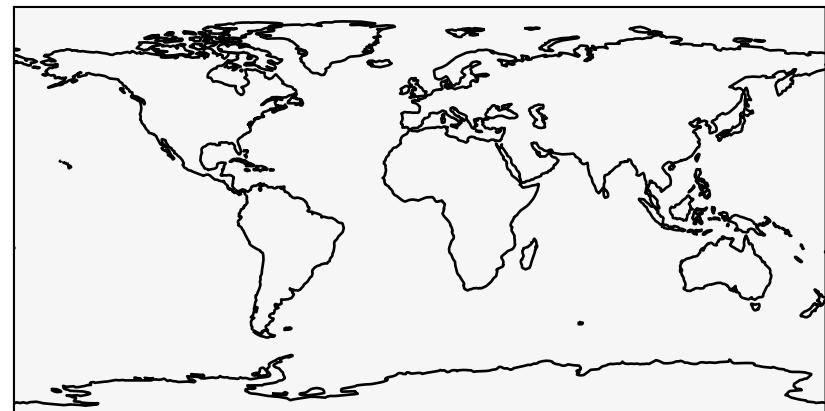
GCC_13.4.0-rc.1 (Dev)
4.0x5.0



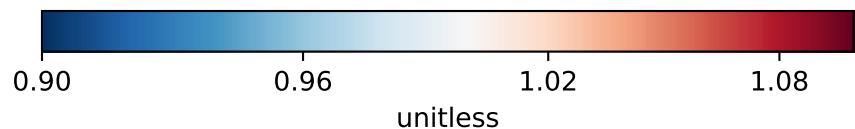
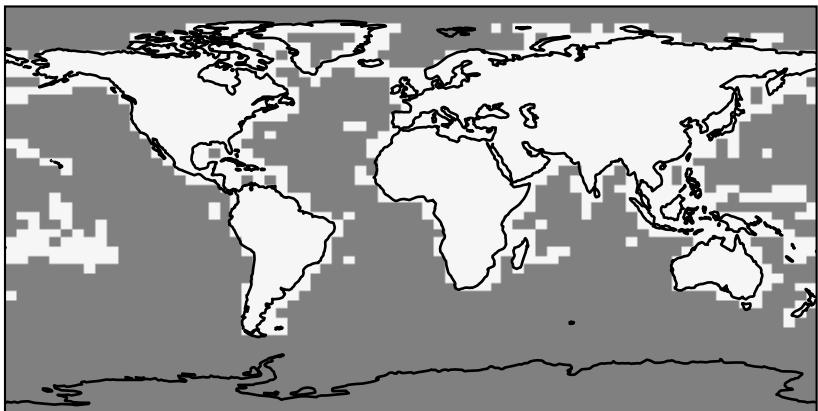
Difference
Dev - Ref, Dynamic Range



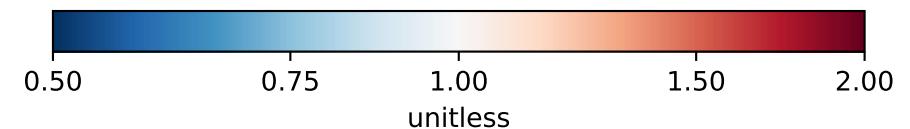
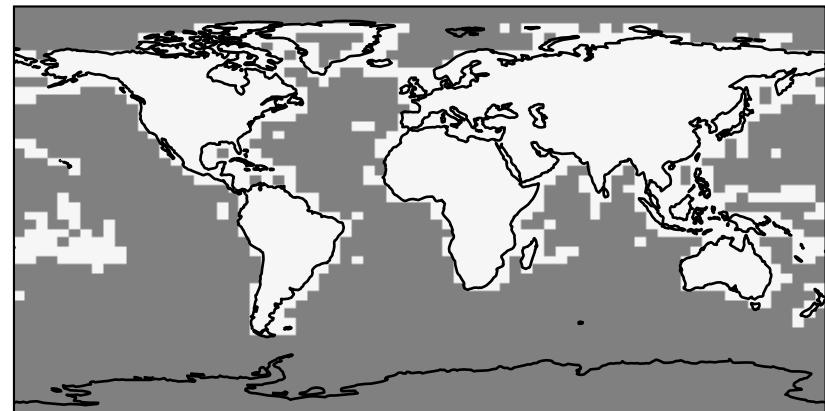
Difference
Dev - Ref, Restricted Range [5%, 95%]



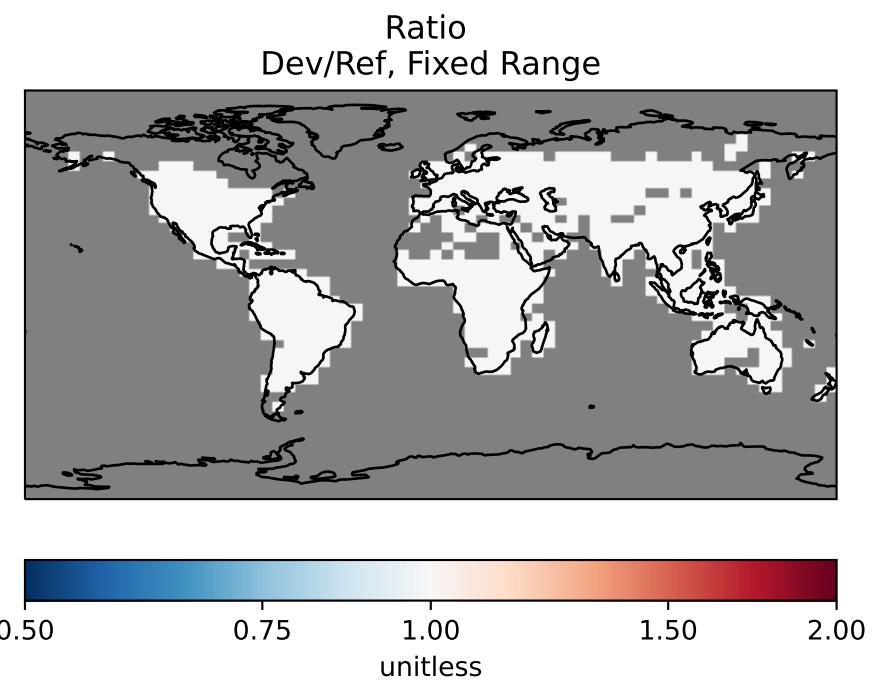
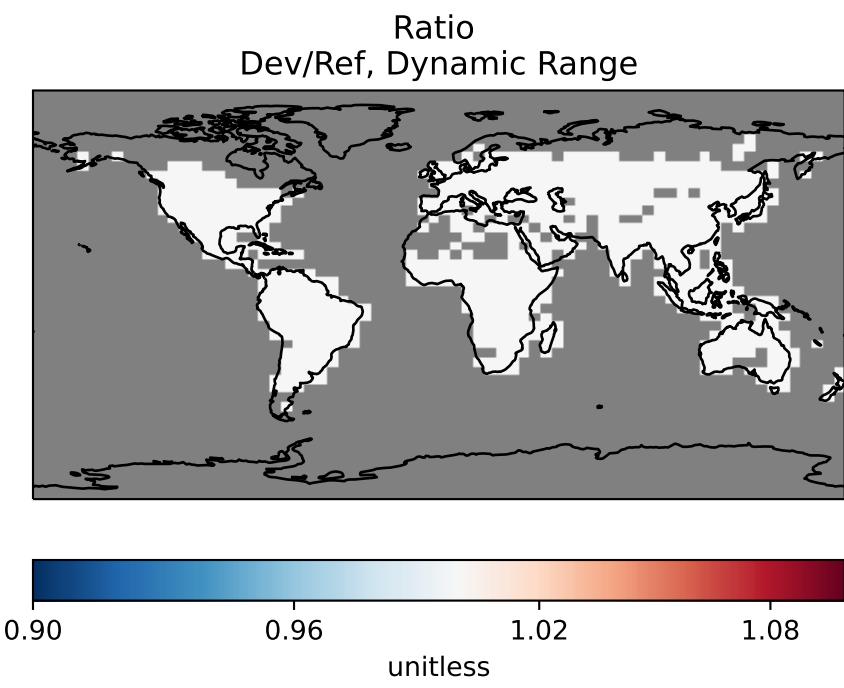
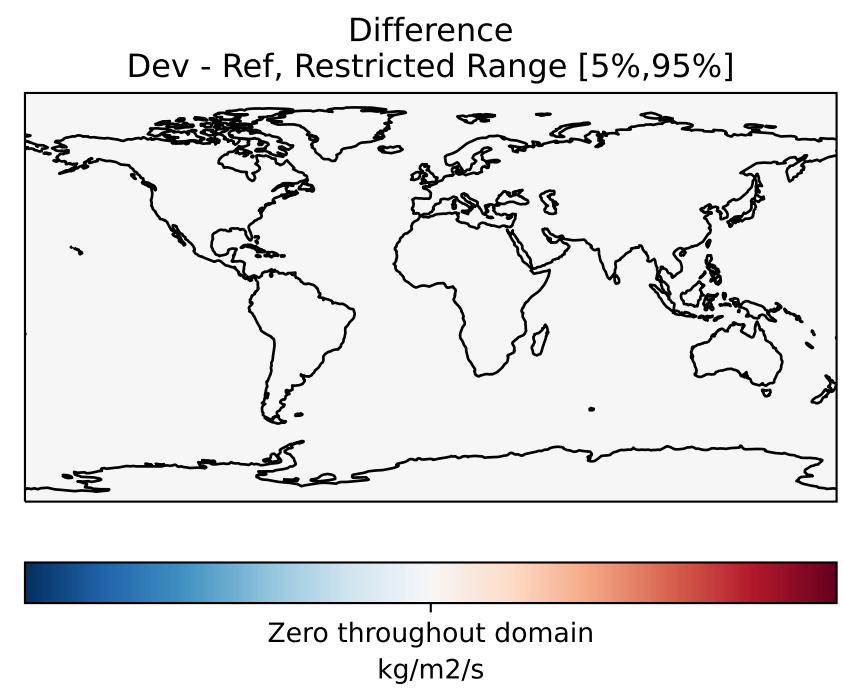
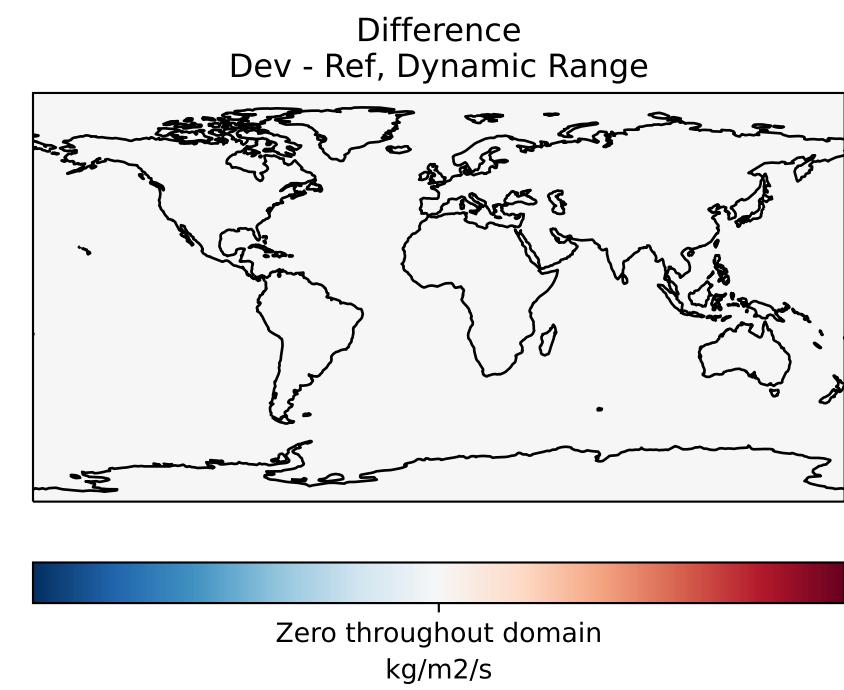
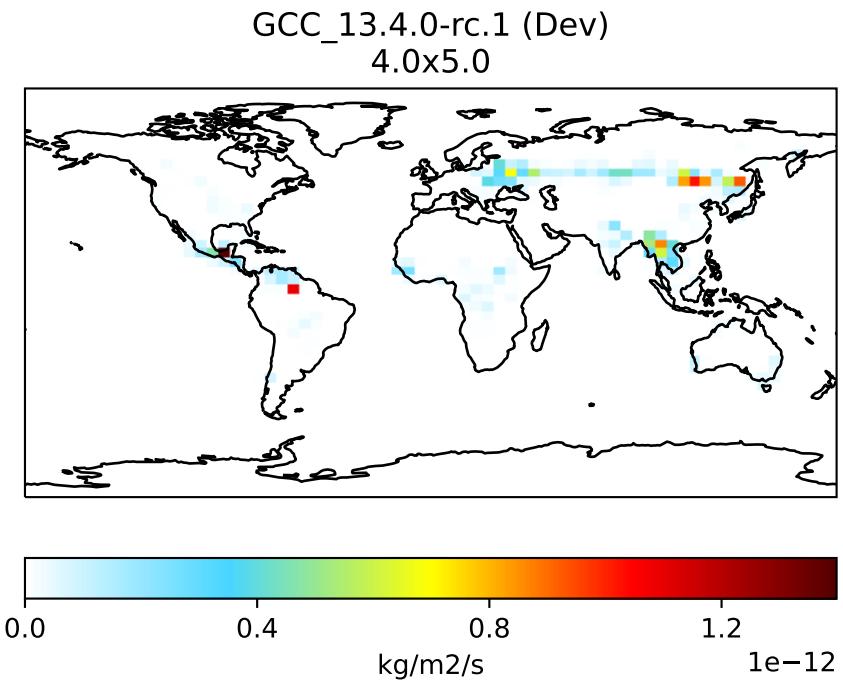
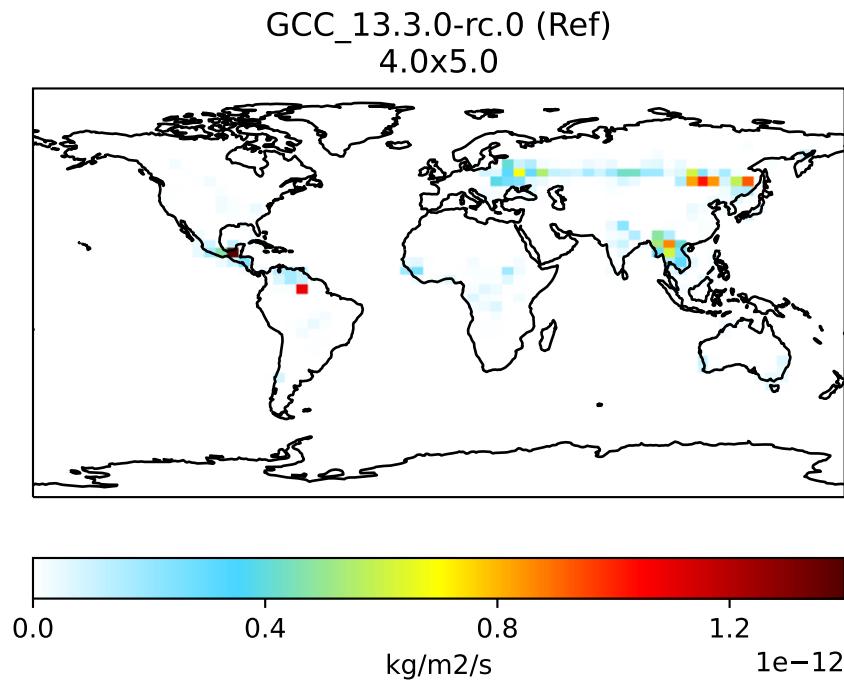
Ratio
Dev/Ref, Dynamic Range



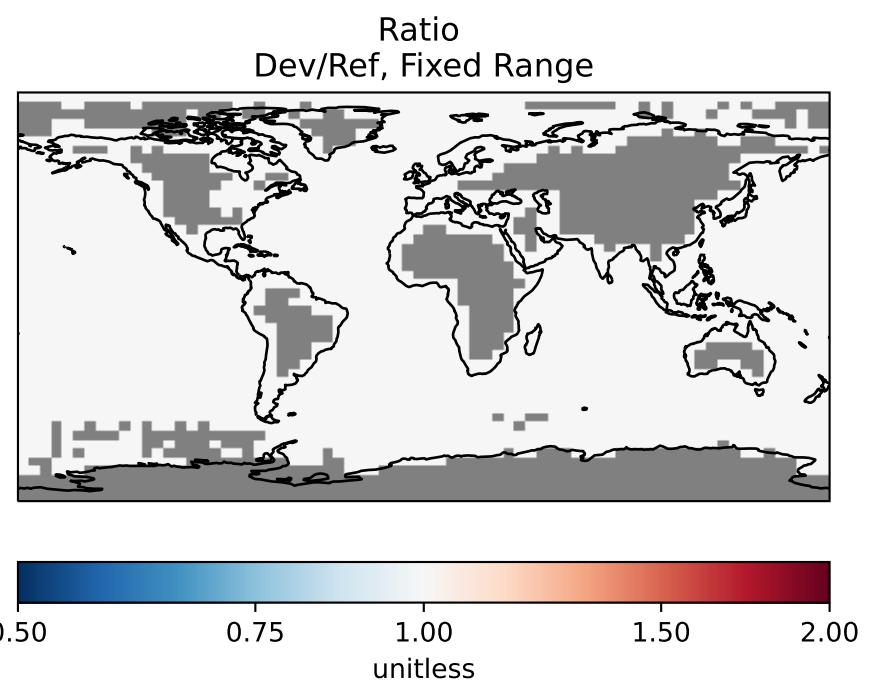
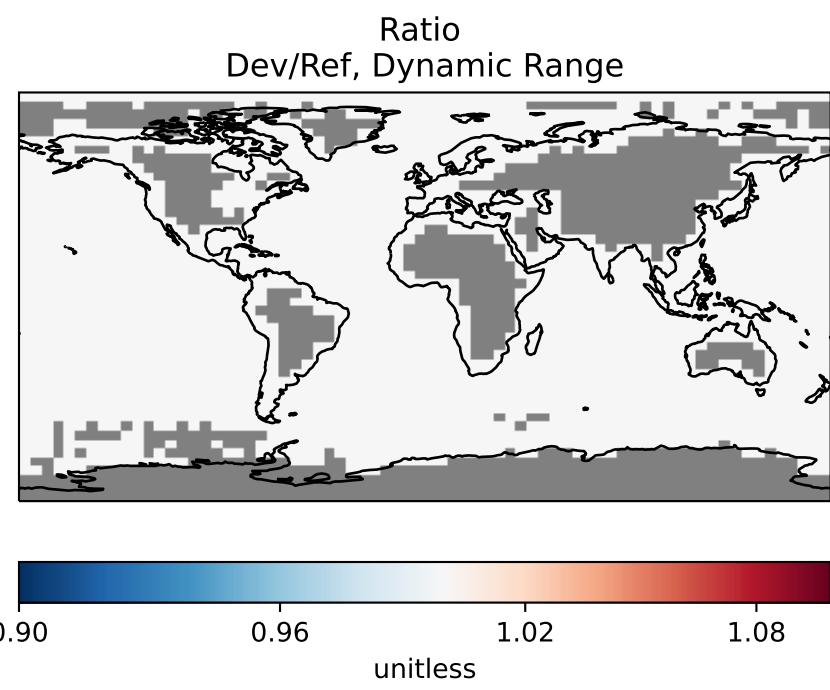
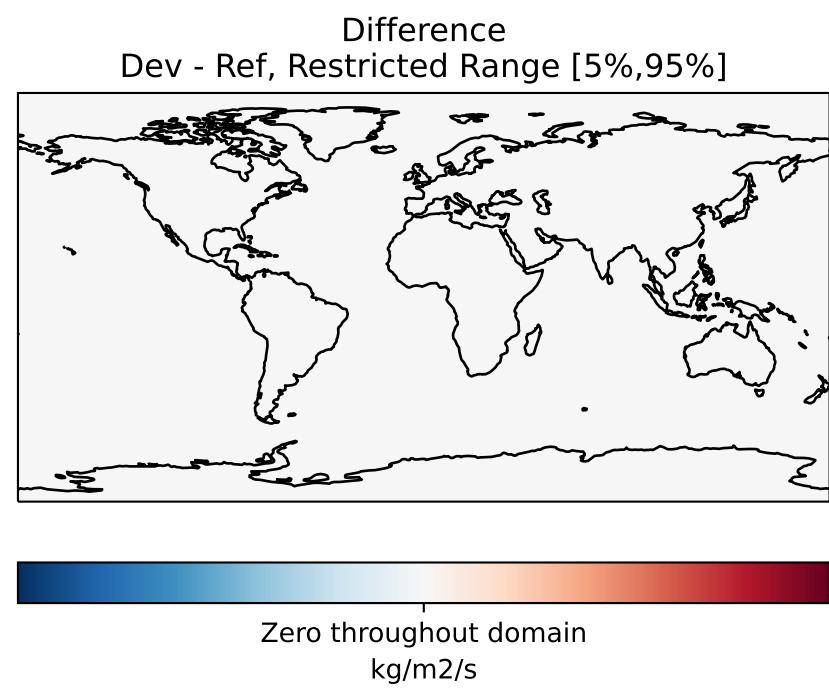
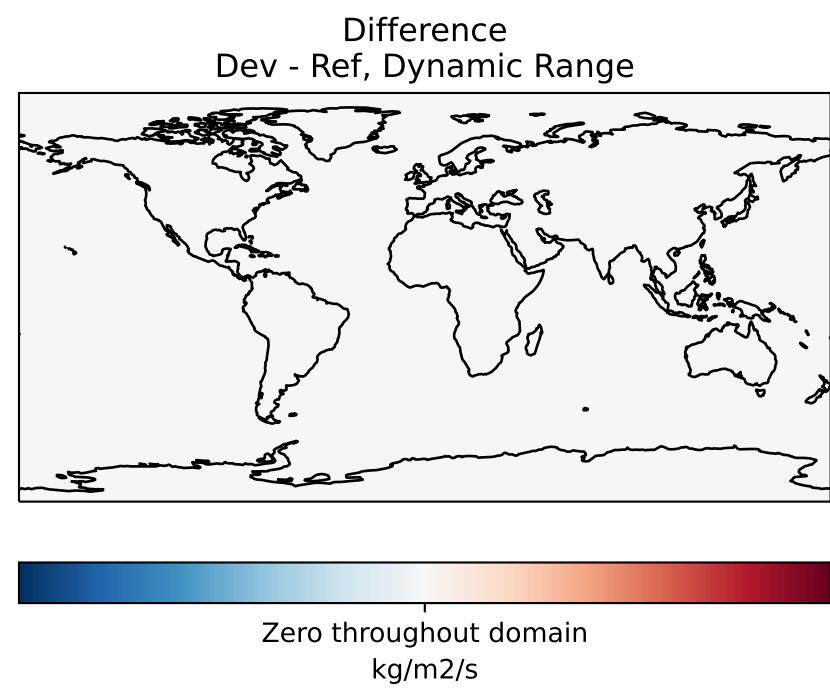
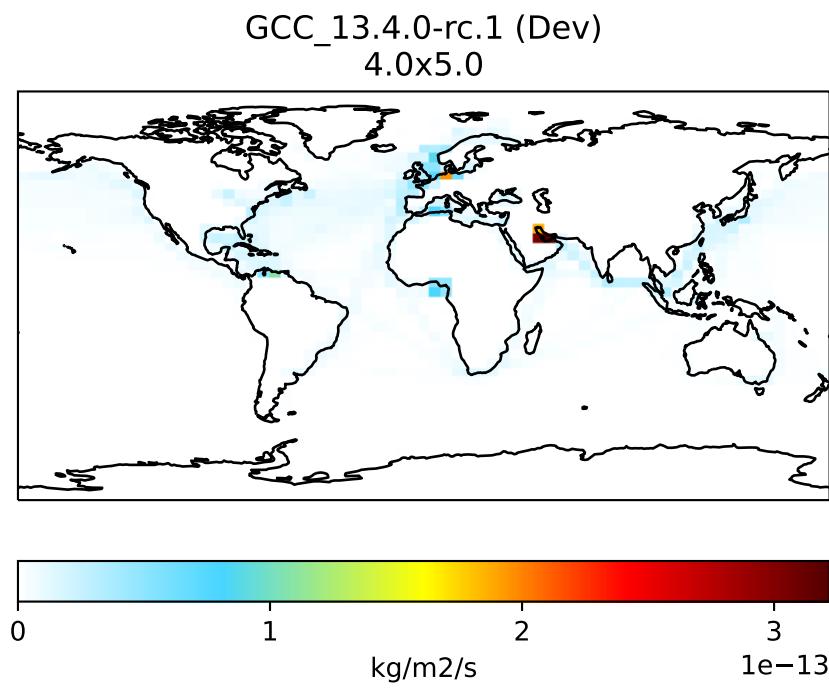
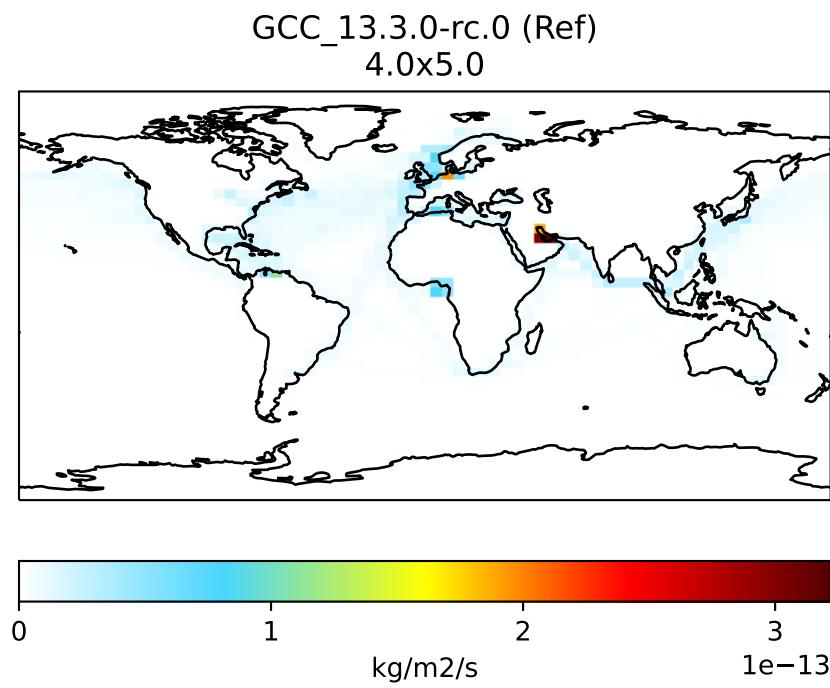
Ratio
Dev/Ref, Fixed Range



EmisXYLE_BioBurn (Apr2019)



EmisXYLE_Ship (Apr2019)



EmisXYLE_Total (Apr2019)

