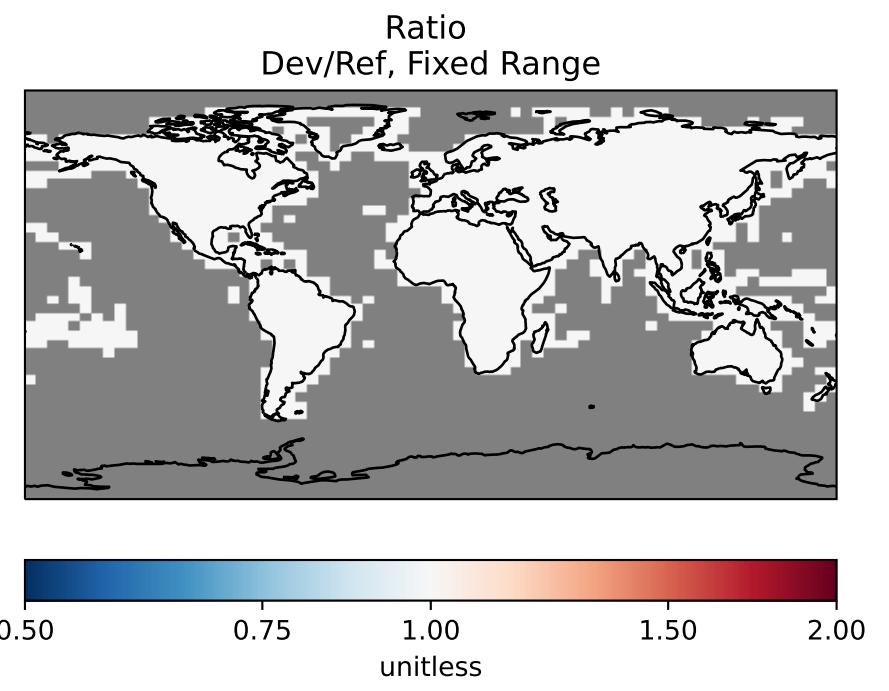
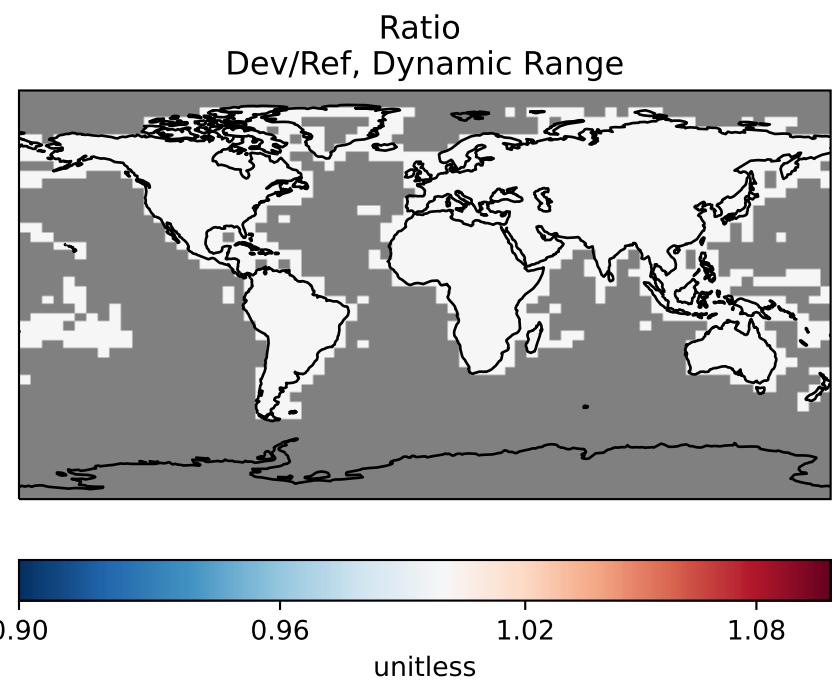
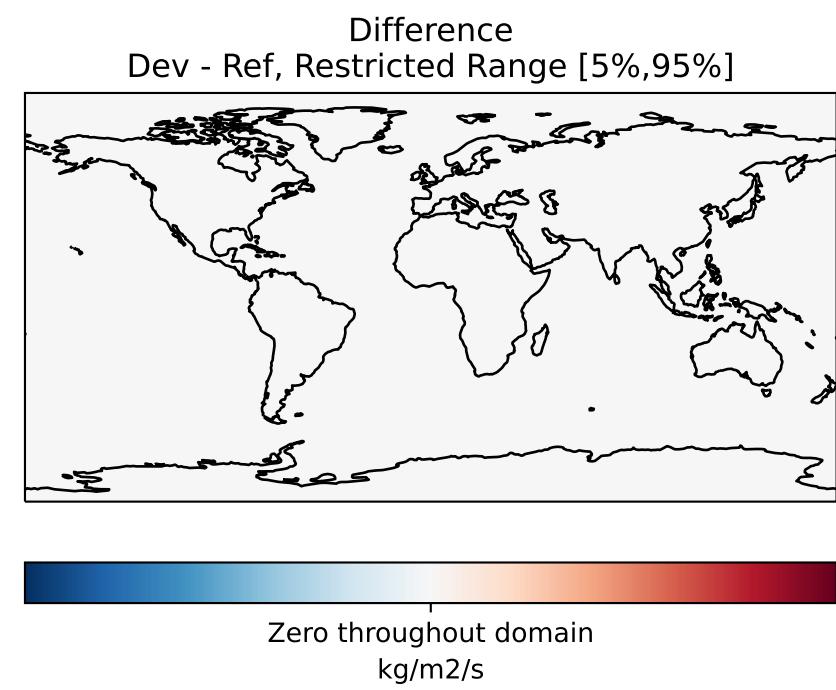
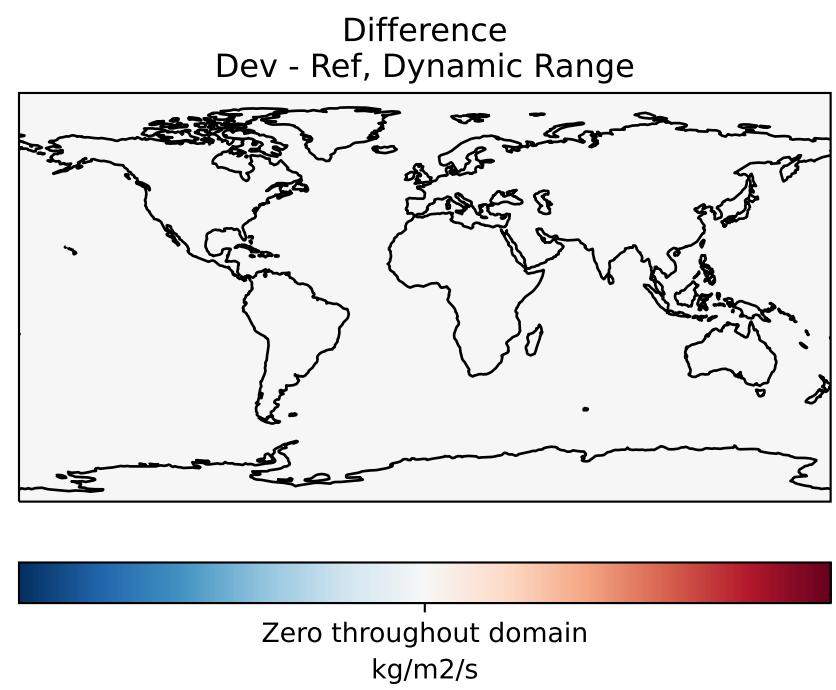
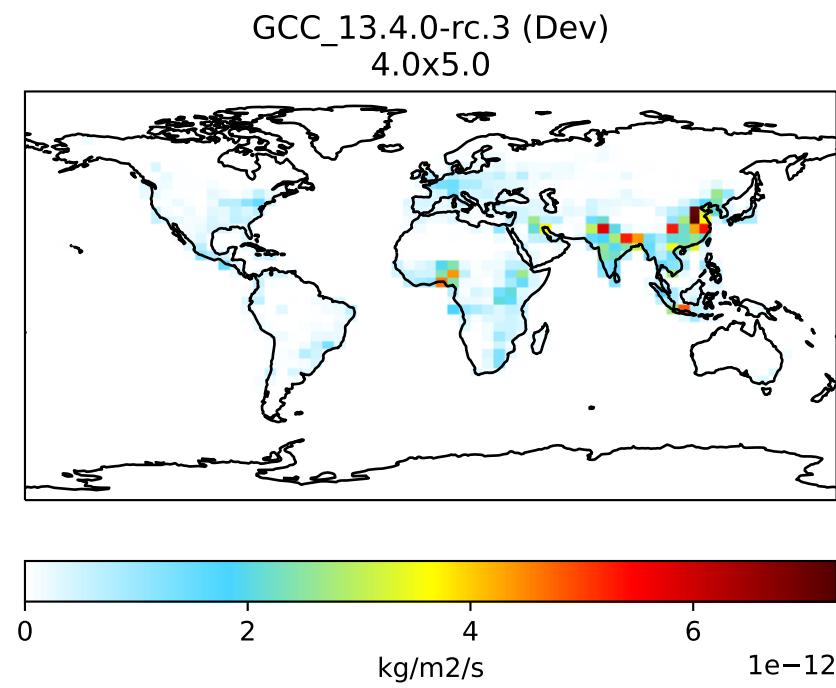
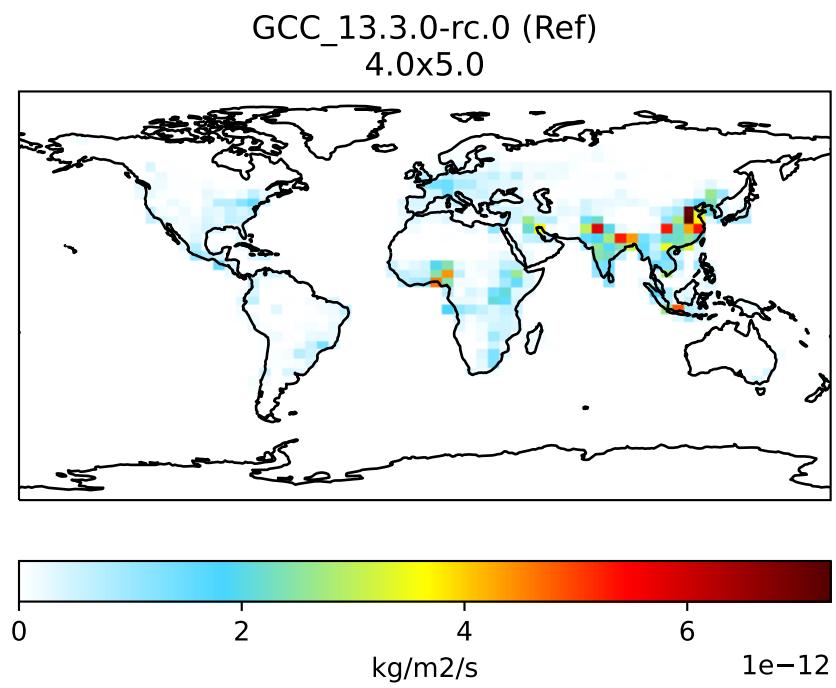
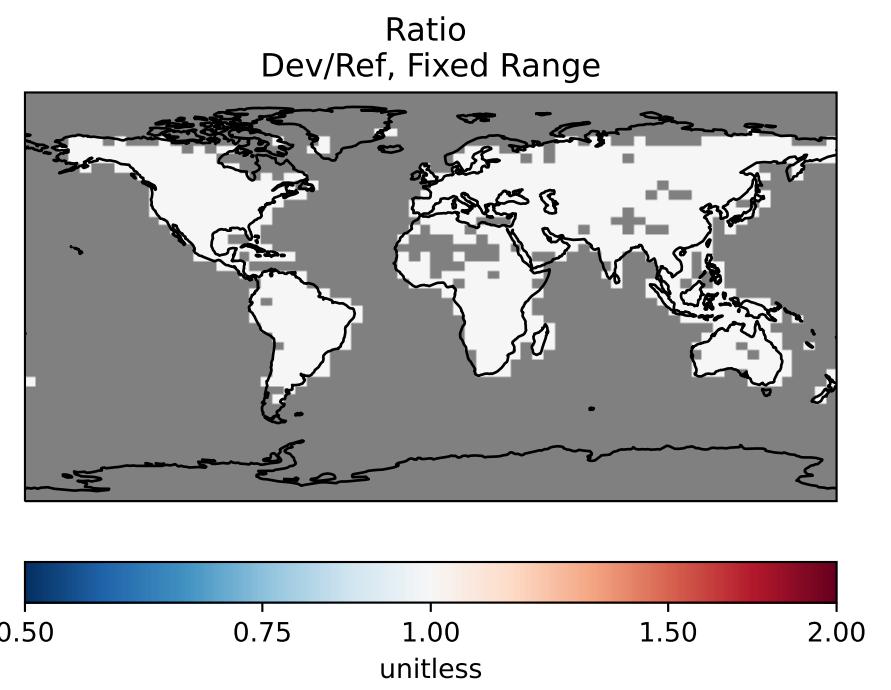
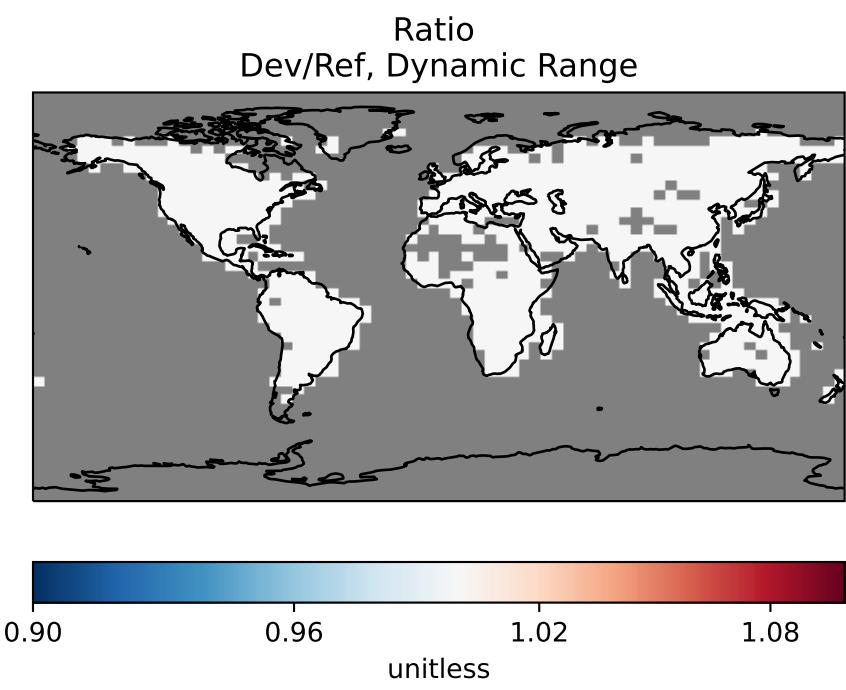
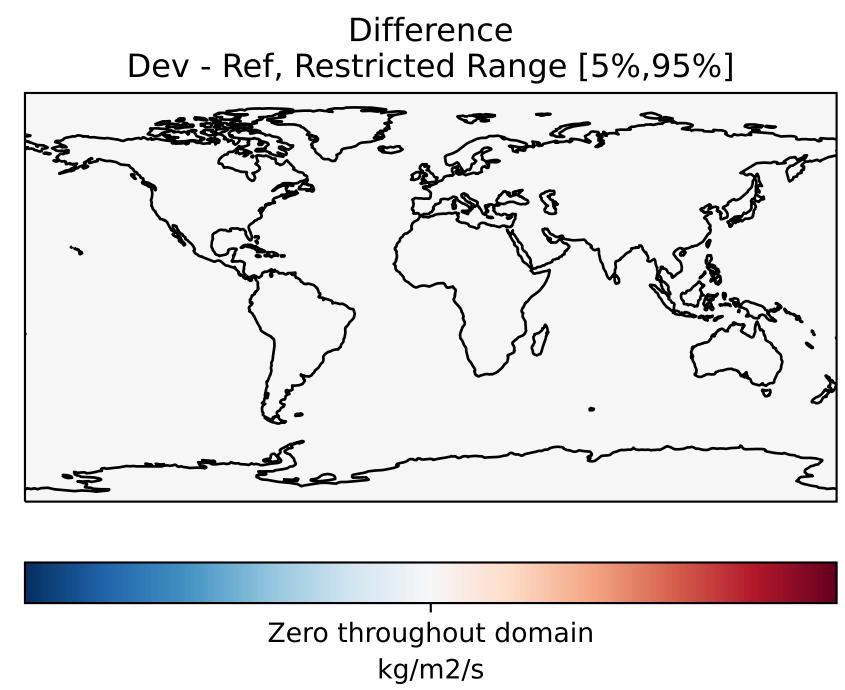
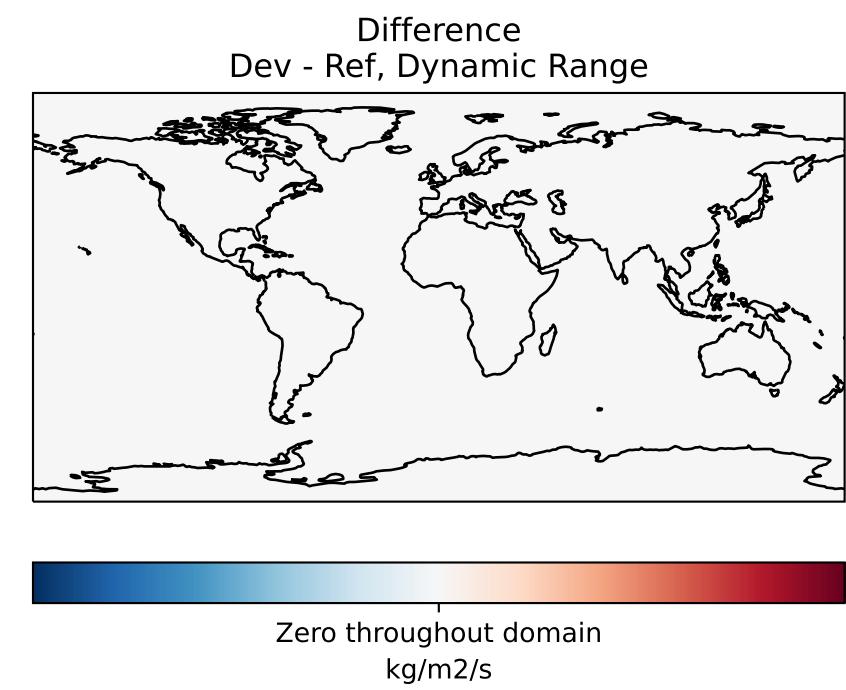
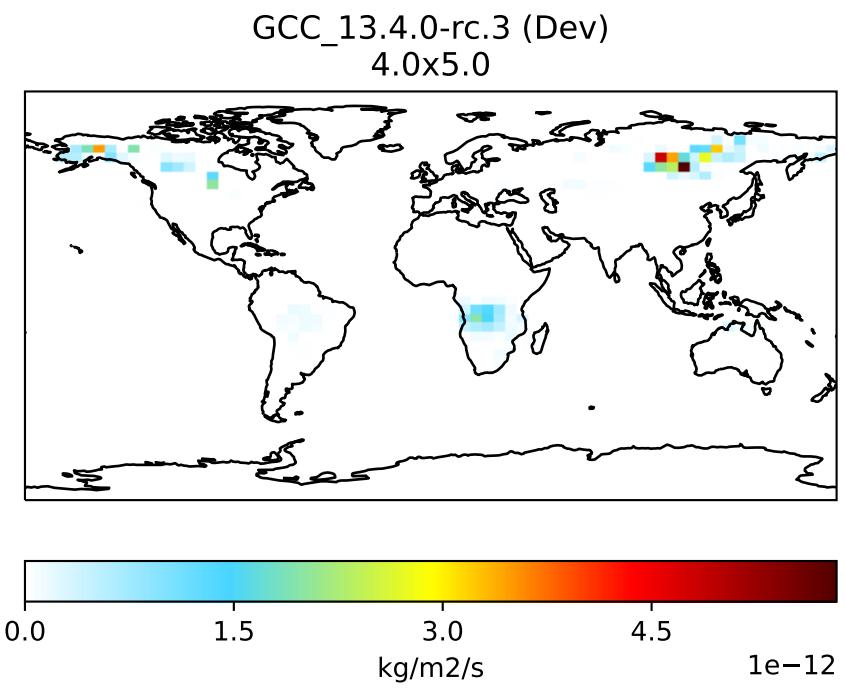
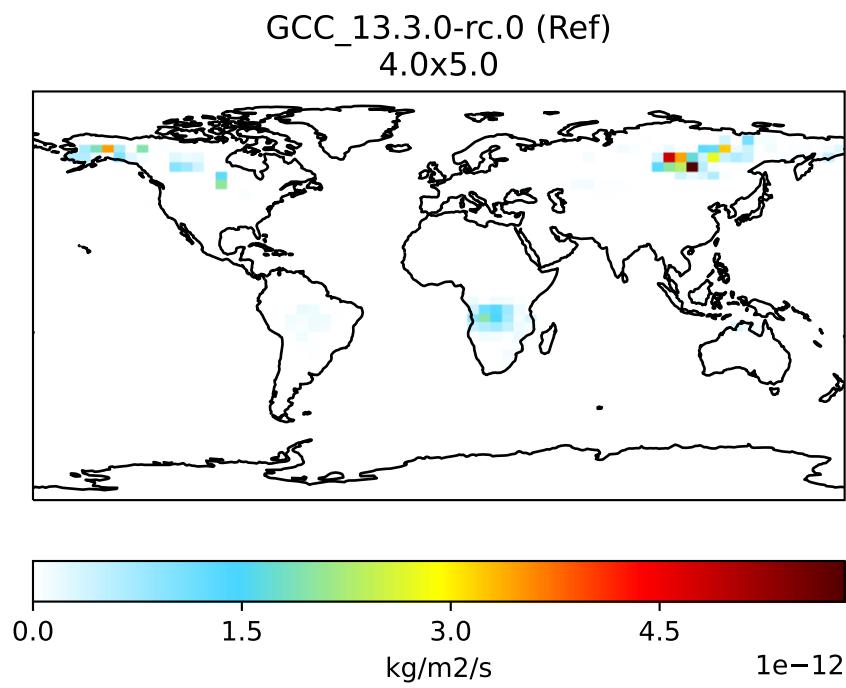


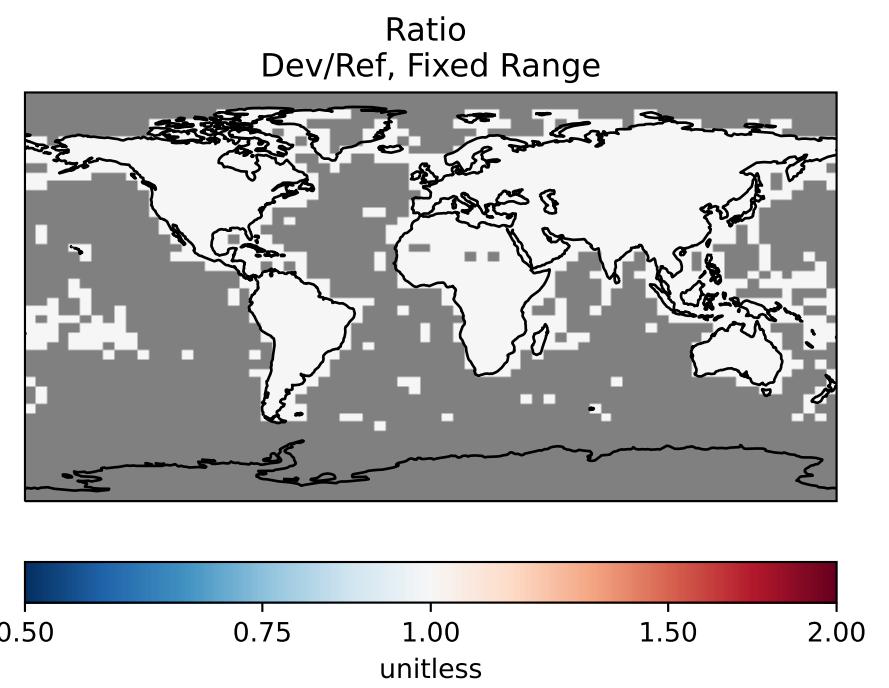
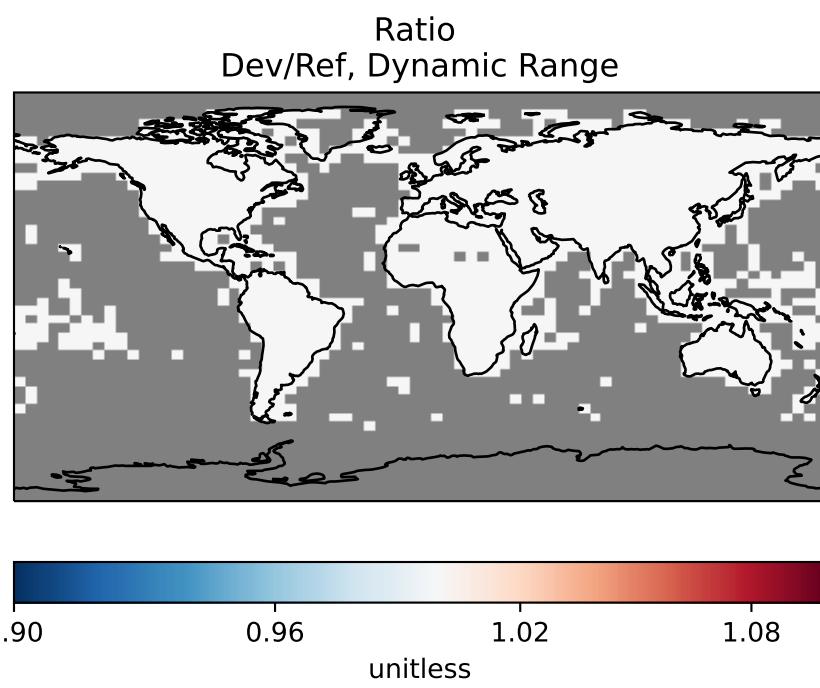
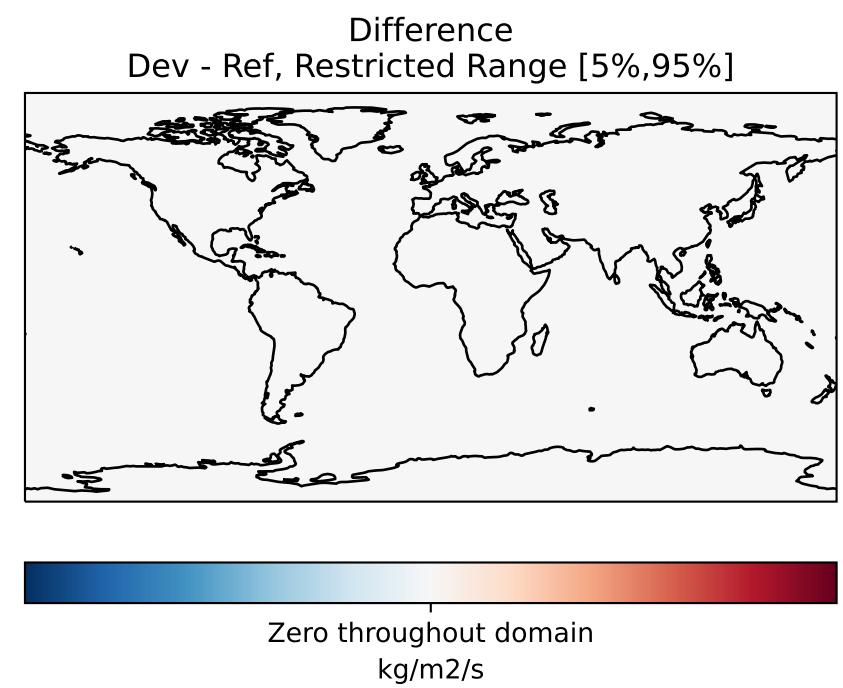
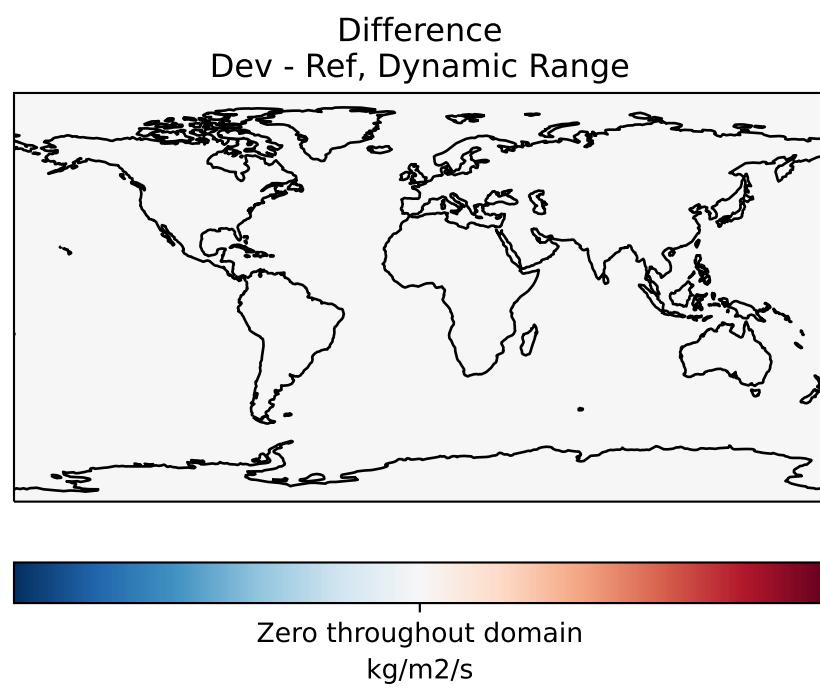
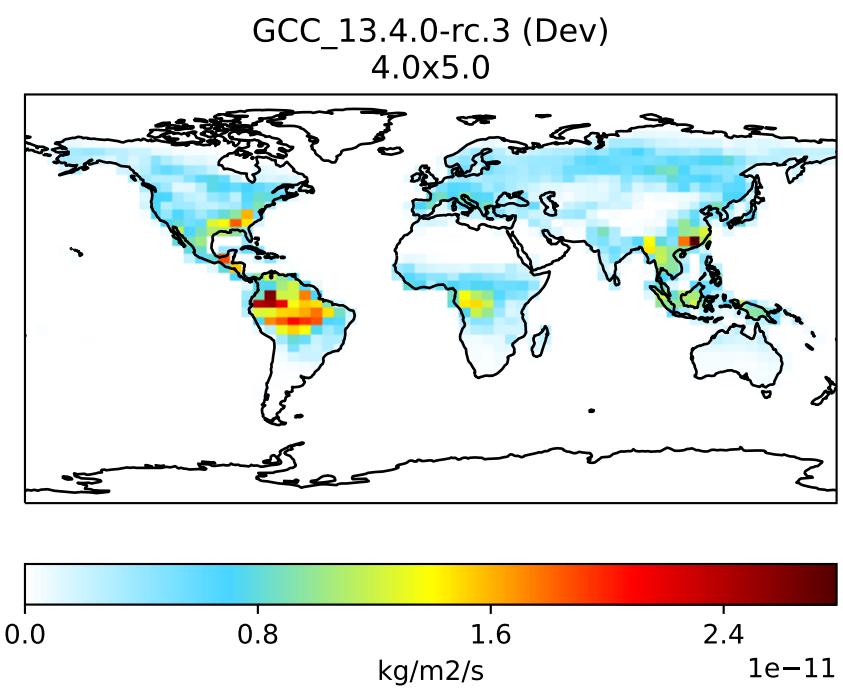
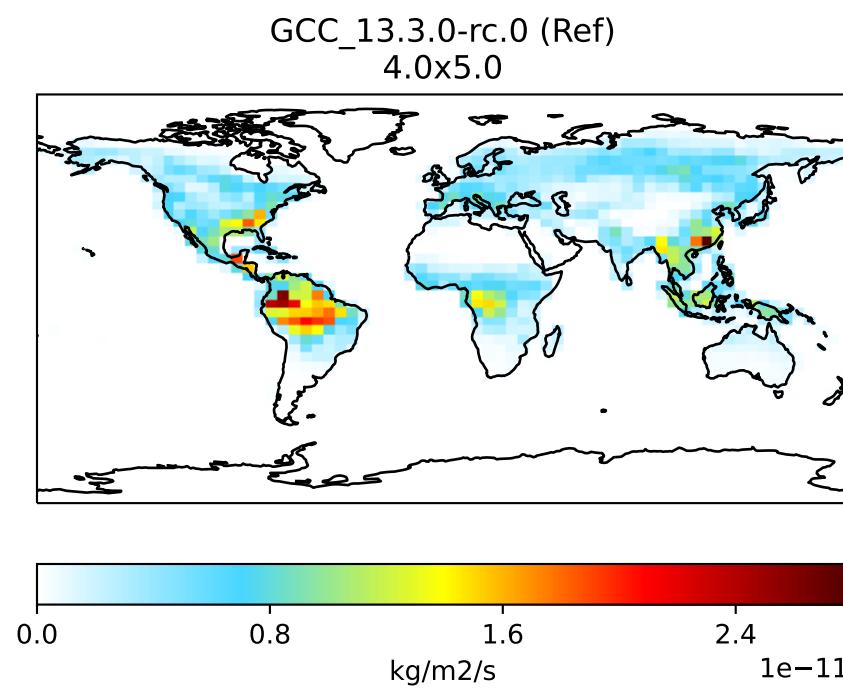
EmisEOH_Anthro (Jul2019)



EmisEOH_BioBurn (Jul2019)

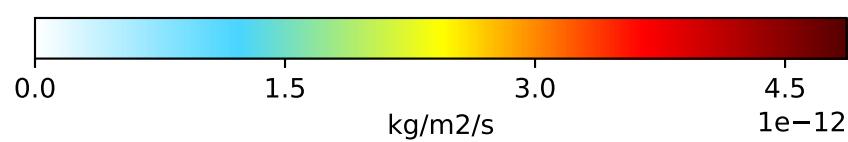
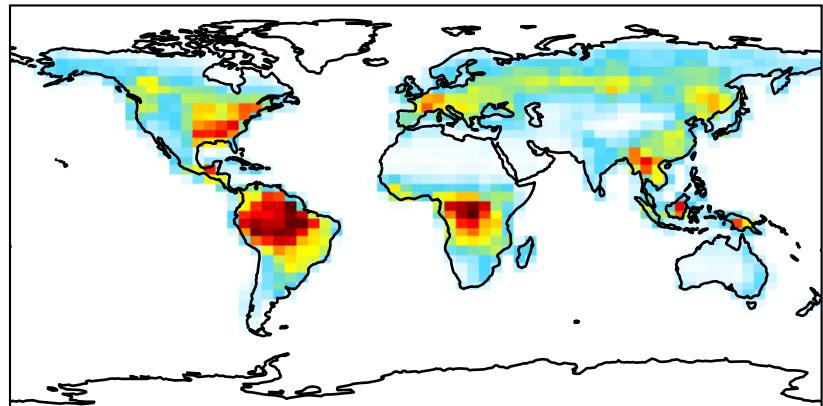


EmisEOH_Biogenic (Jul2019)

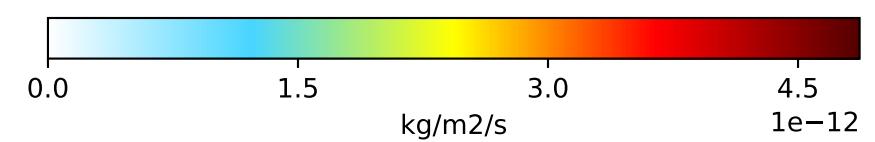
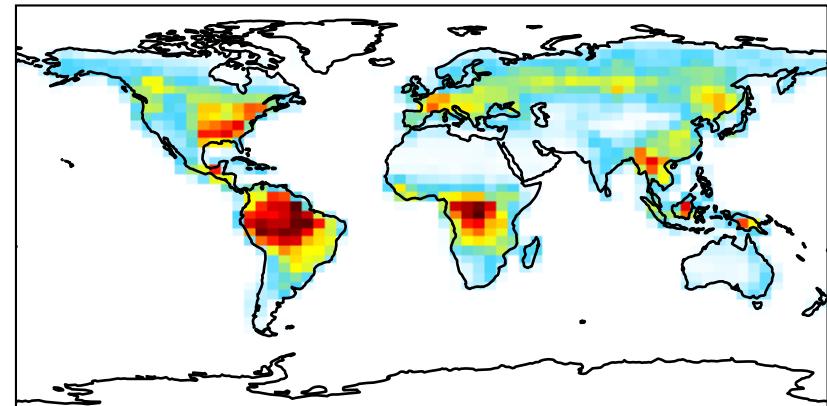


EmisEOH_PlantDecay (Jul2019)

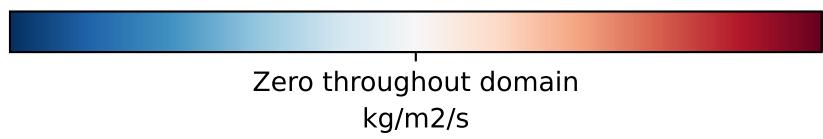
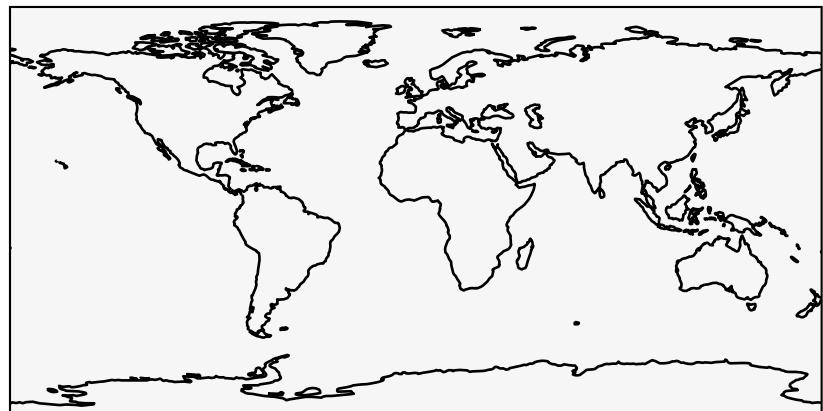
GCC_13.3.0-rc.0 (Ref)
4.0x5.0



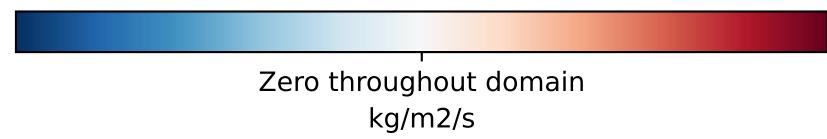
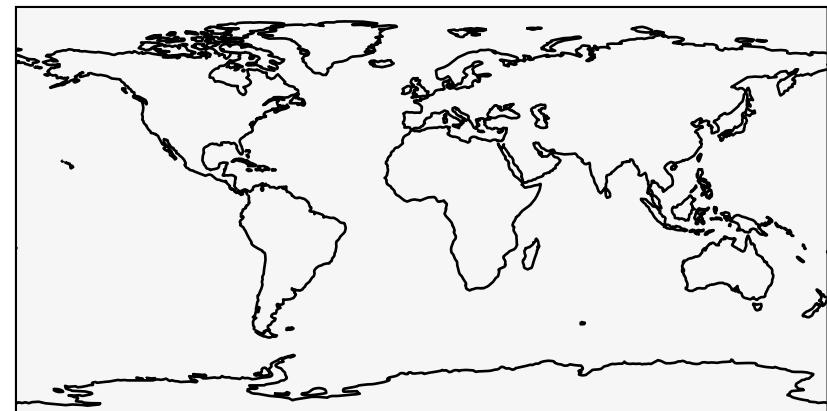
GCC_13.4.0-rc.3 (Dev)
4.0x5.0



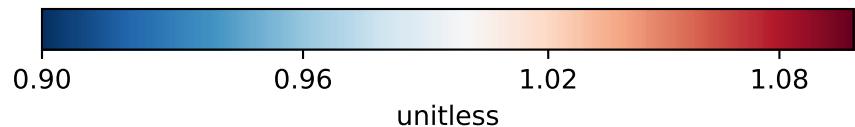
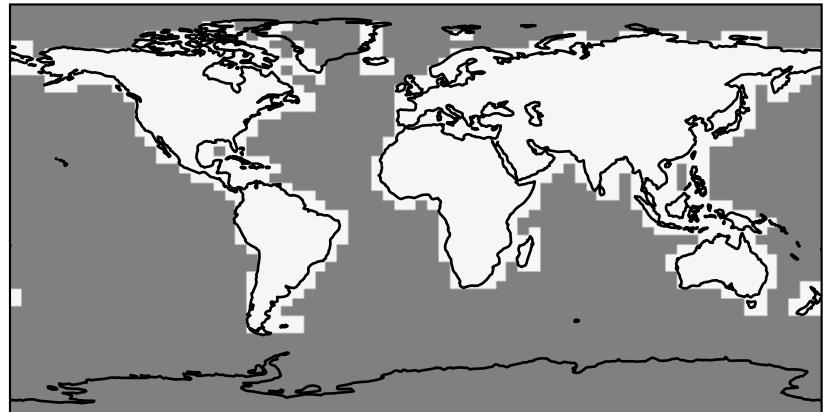
Difference
Dev - Ref, Dynamic Range



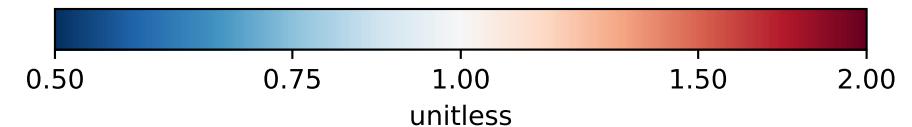
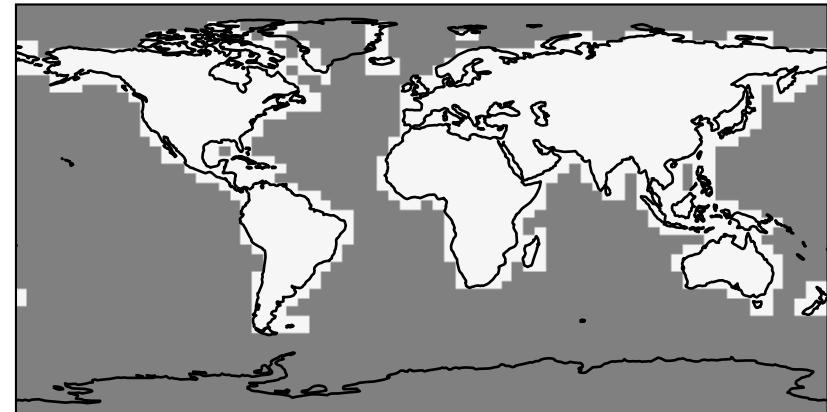
Difference
Dev - Ref, Restricted Range [5%, 95%]



Ratio
Dev/Ref, Dynamic Range

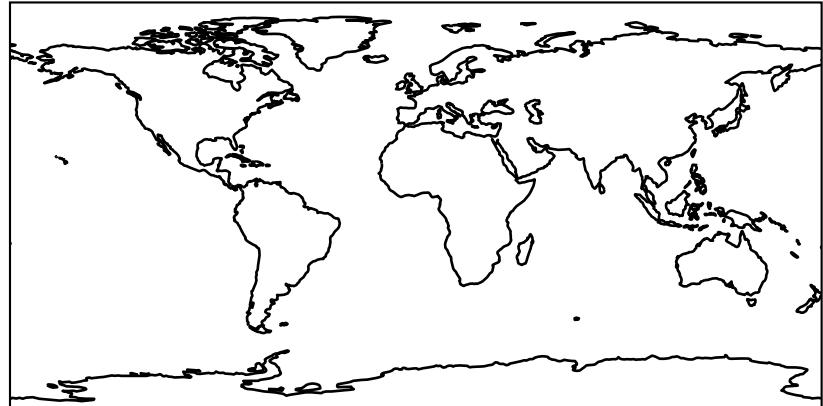


Ratio
Dev/Ref, Fixed Range



EmisEOH_Ship (Jul2019)

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



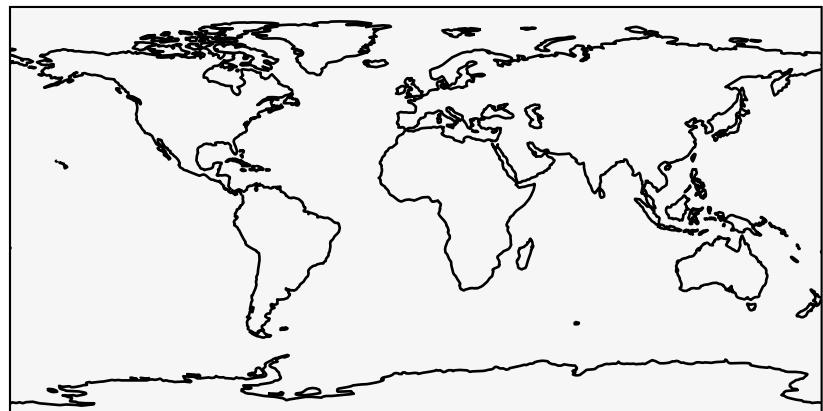
Zero throughout domain
kg/m²/s

GCC_13.4.0-rc.3 (Dev)
4.0x5.0



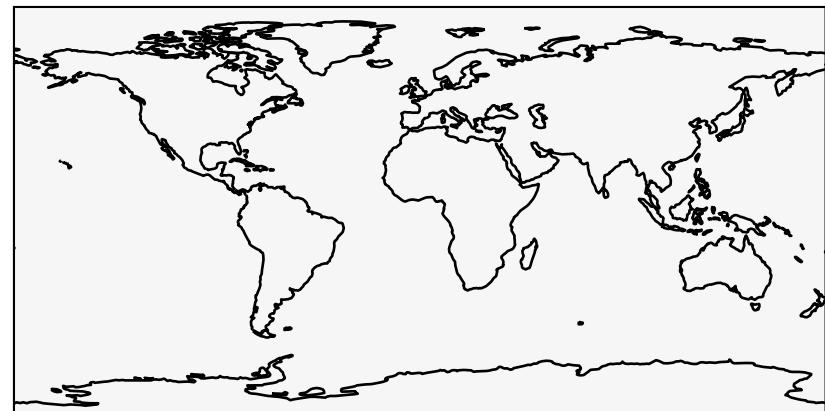
Zero throughout domain
kg/m²/s

Difference
Dev - Ref, Dynamic Range



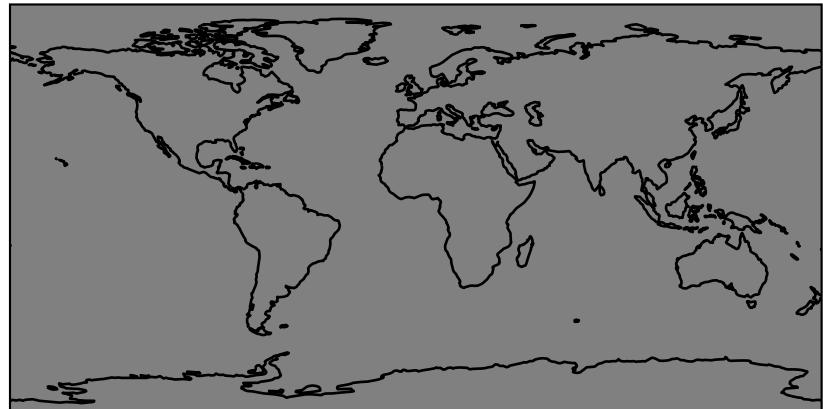
Zero throughout domain
kg/m²/s

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



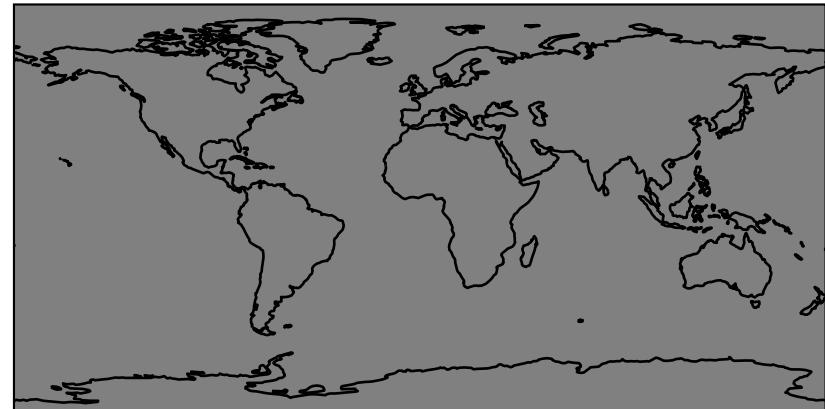
Zero throughout domain
kg/m²/s

Ratio
Dev/Ref, Dynamic Range



Undefined throughout domain
unitless

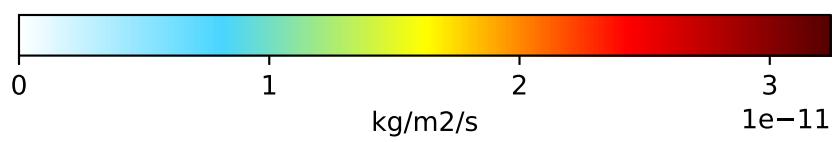
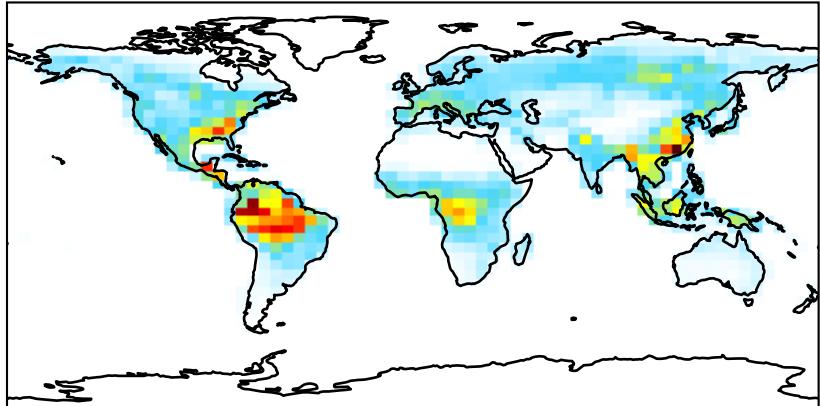
Ratio
Dev/Ref, Fixed Range



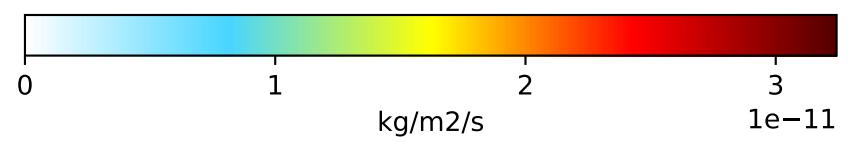
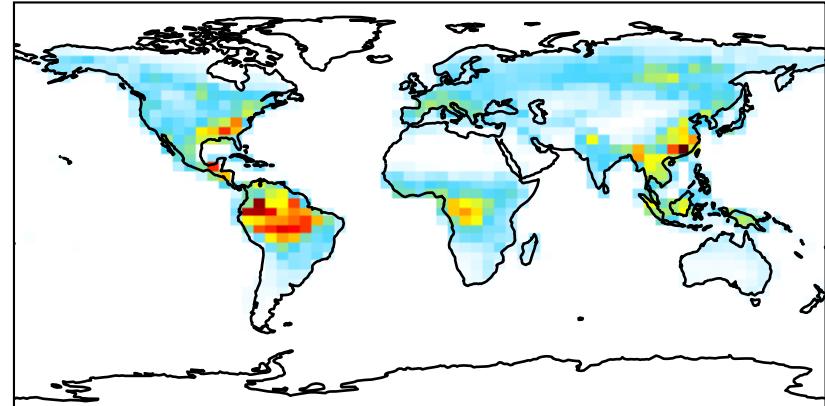
Undefined throughout domain
unitless

EmisEOH_Total (Jul2019)

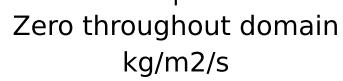
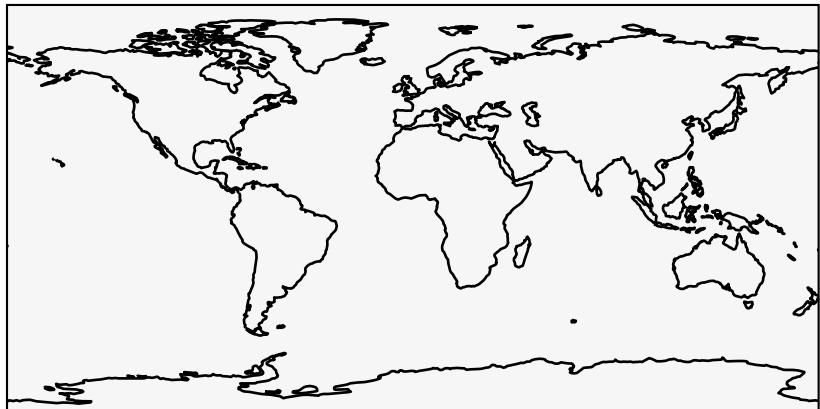
GCC_13.3.0-rc.0 (Ref)
4.0x5.0



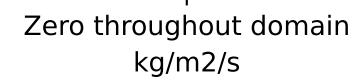
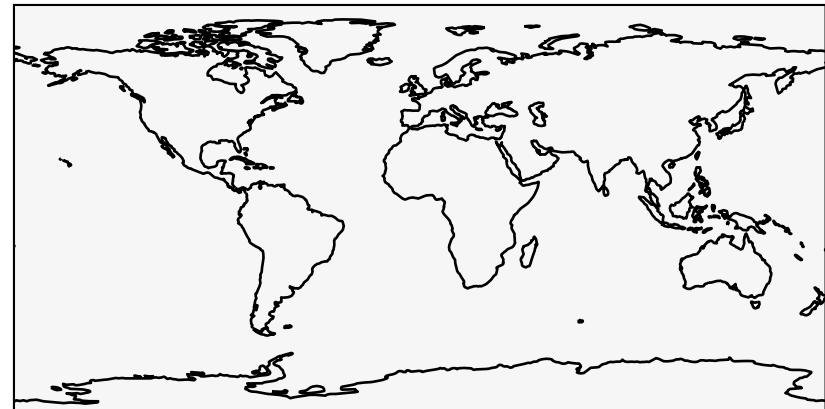
GCC_13.4.0-rc.3 (Dev)
4.0x5.0



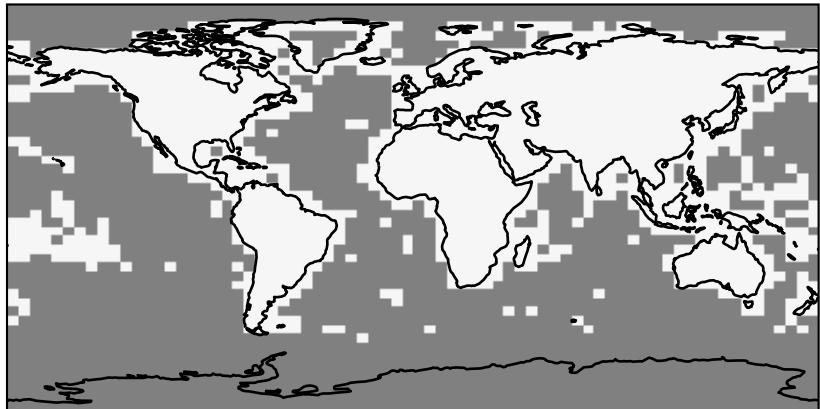
Difference
Dev - Ref, Dynamic Range



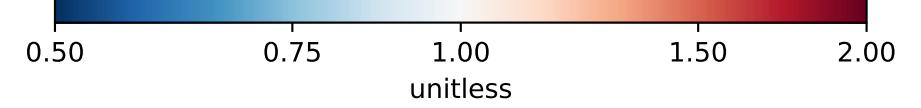
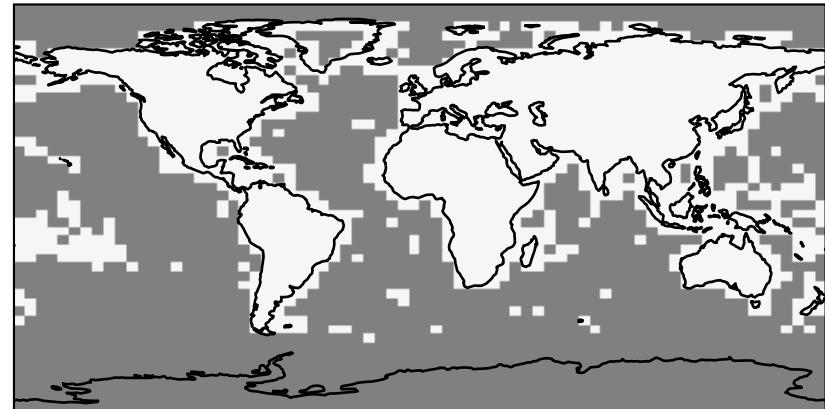
Difference
Dev - Ref, Restricted Range [5%, 95%]



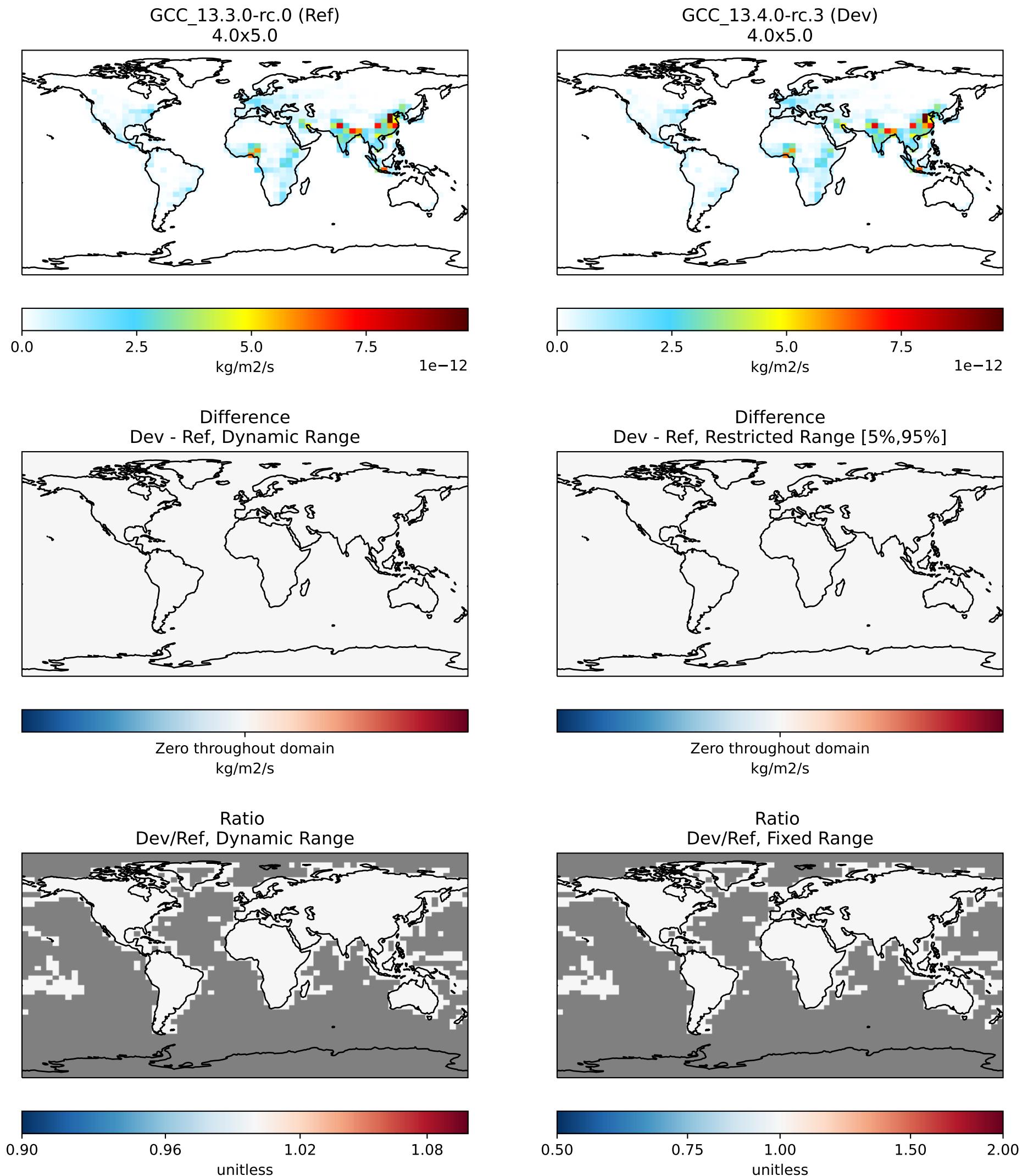
Ratio
Dev/Ref, Dynamic Range



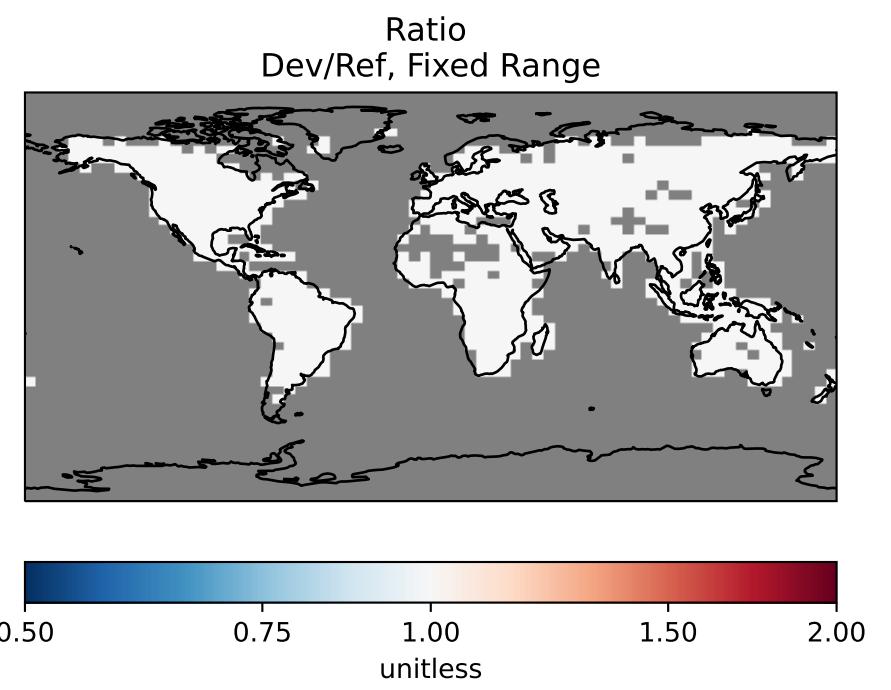
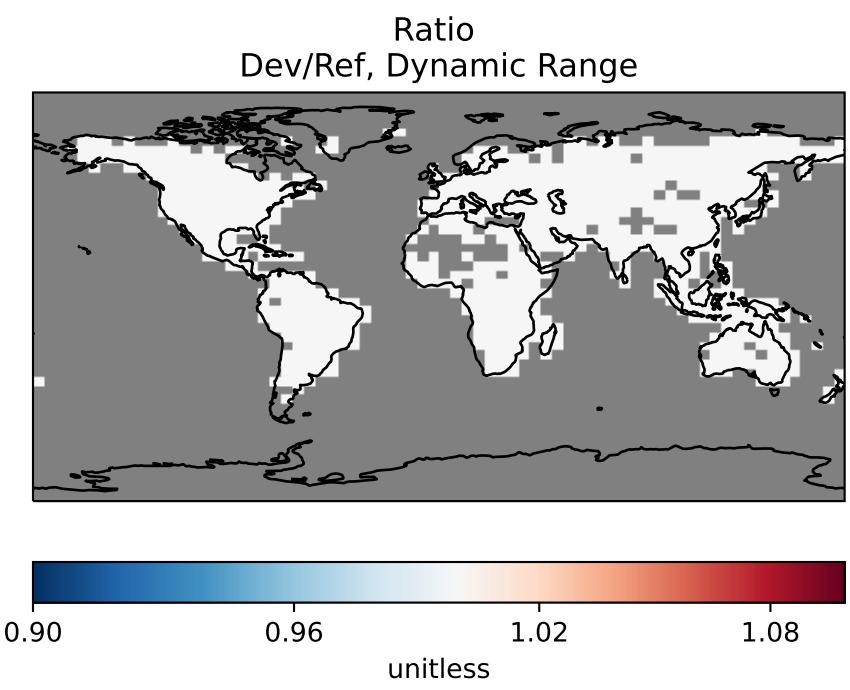
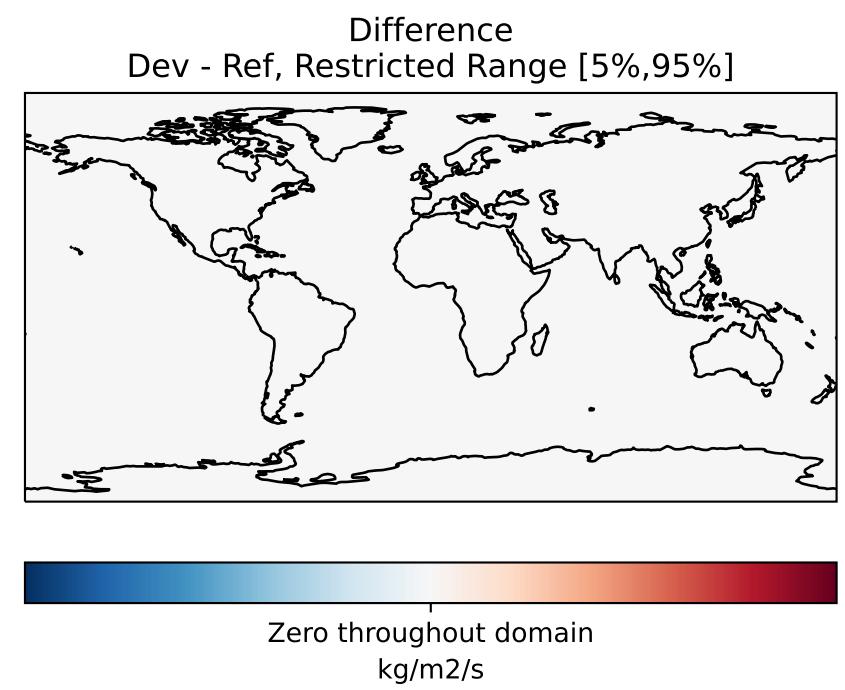
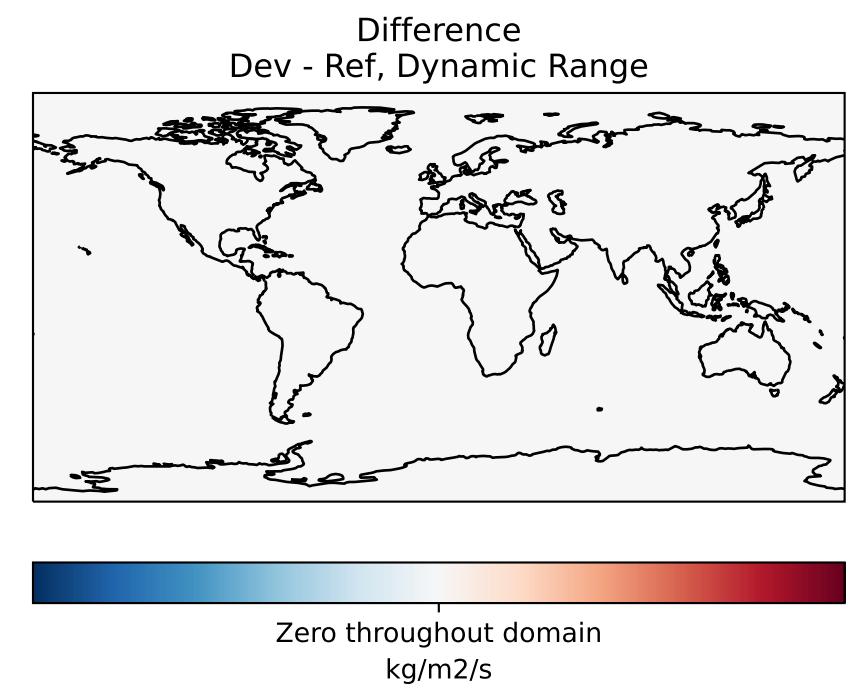
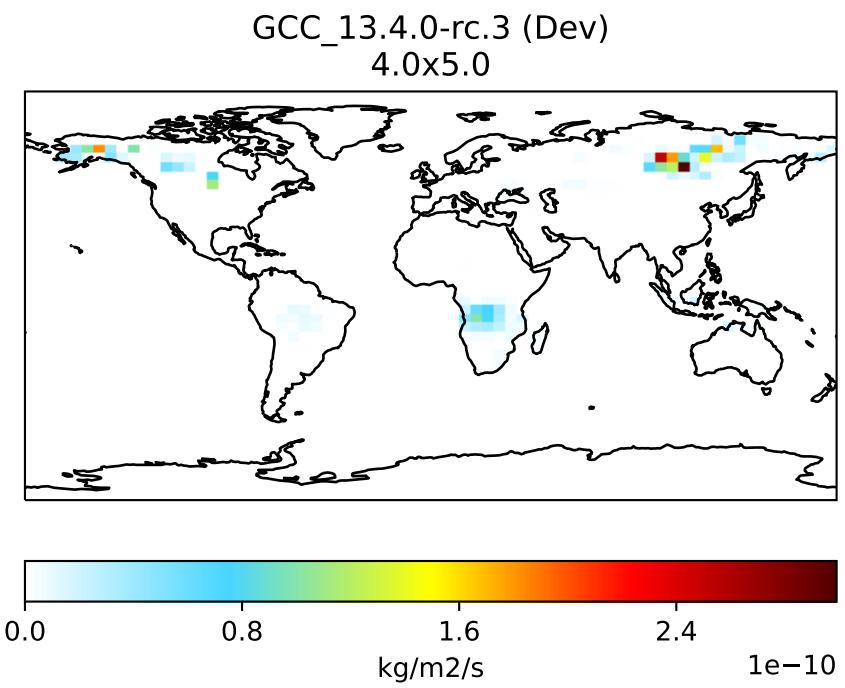
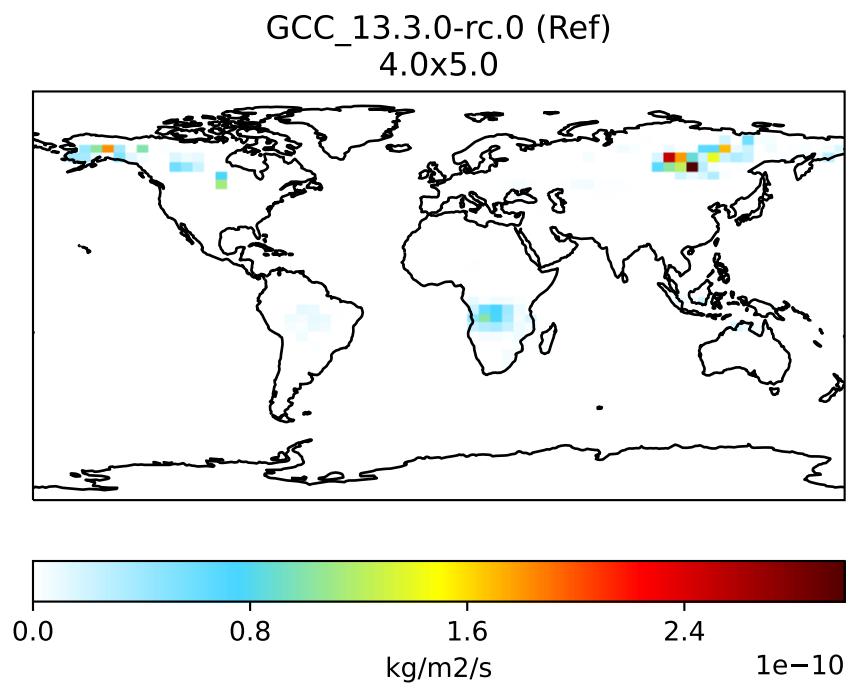
Ratio
Dev/Ref, Fixed Range



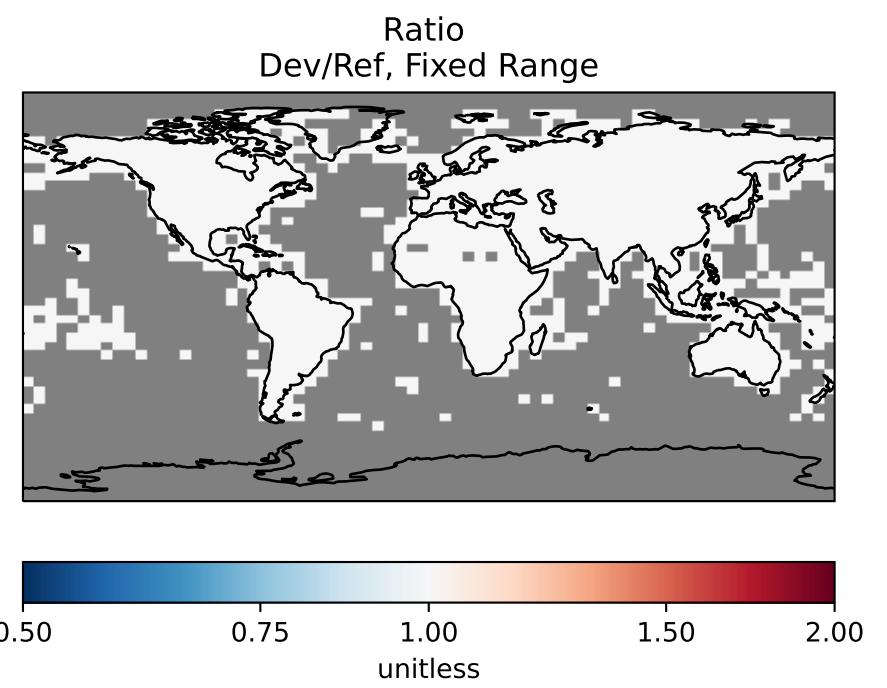
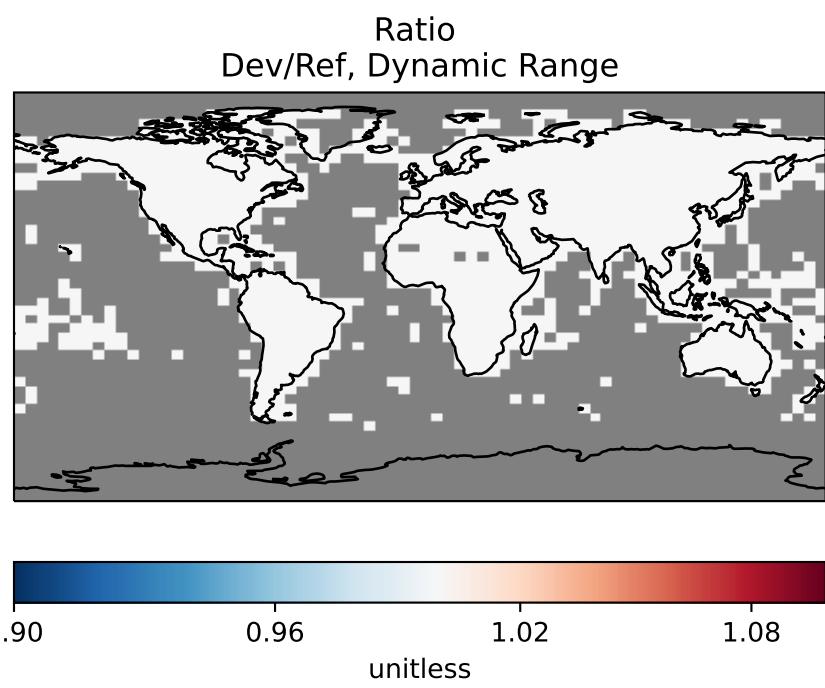
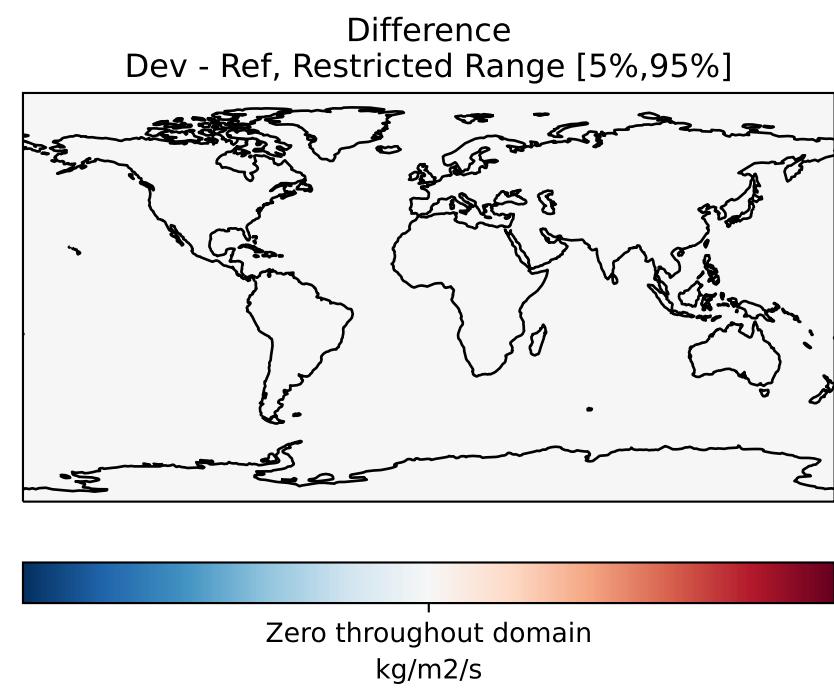
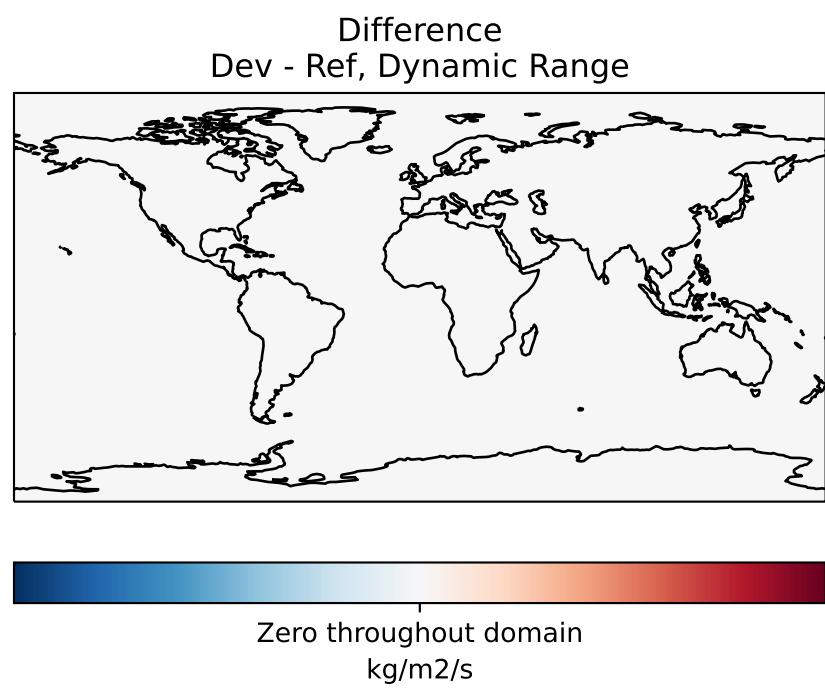
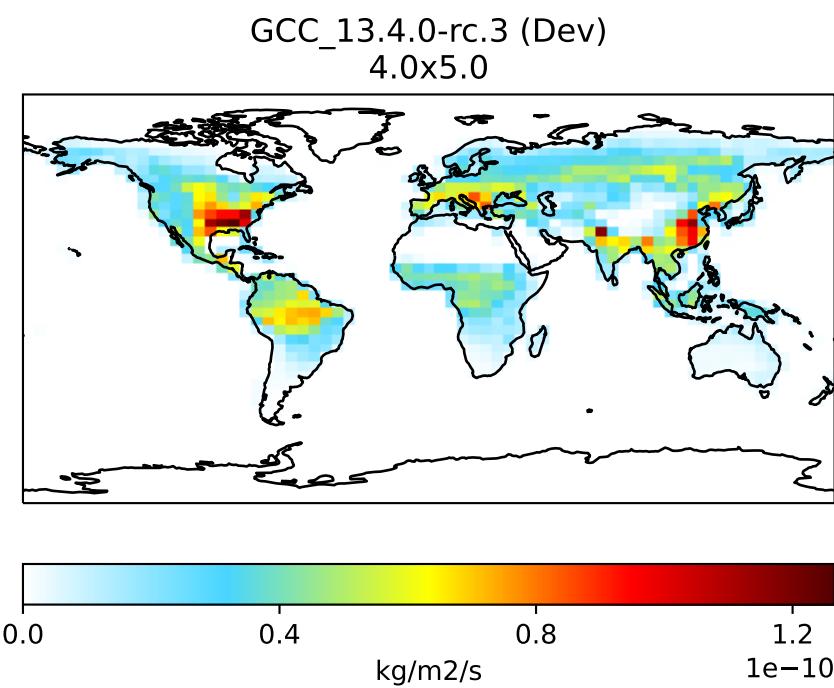
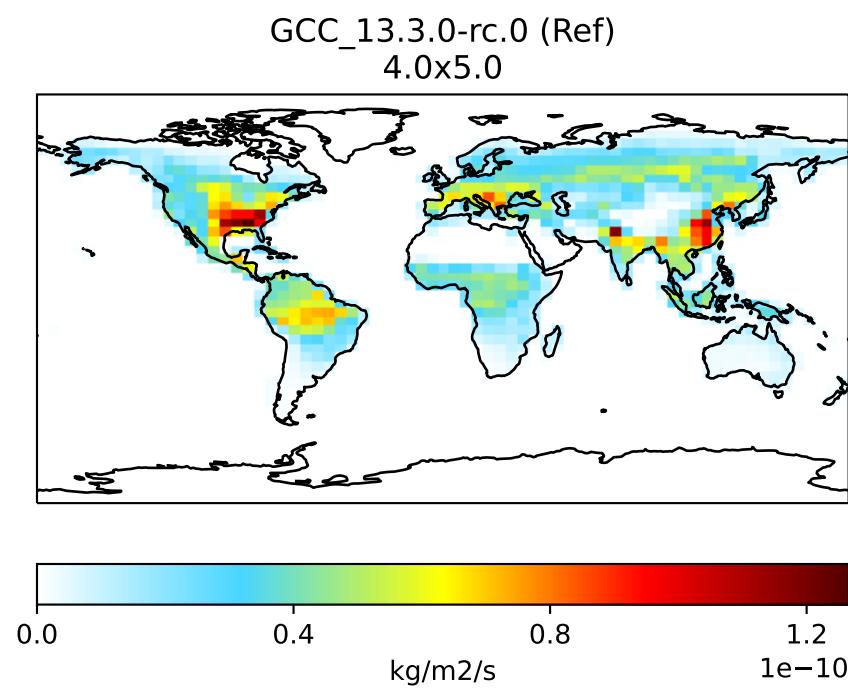
EmisMOH_Anthro (Jul2019)



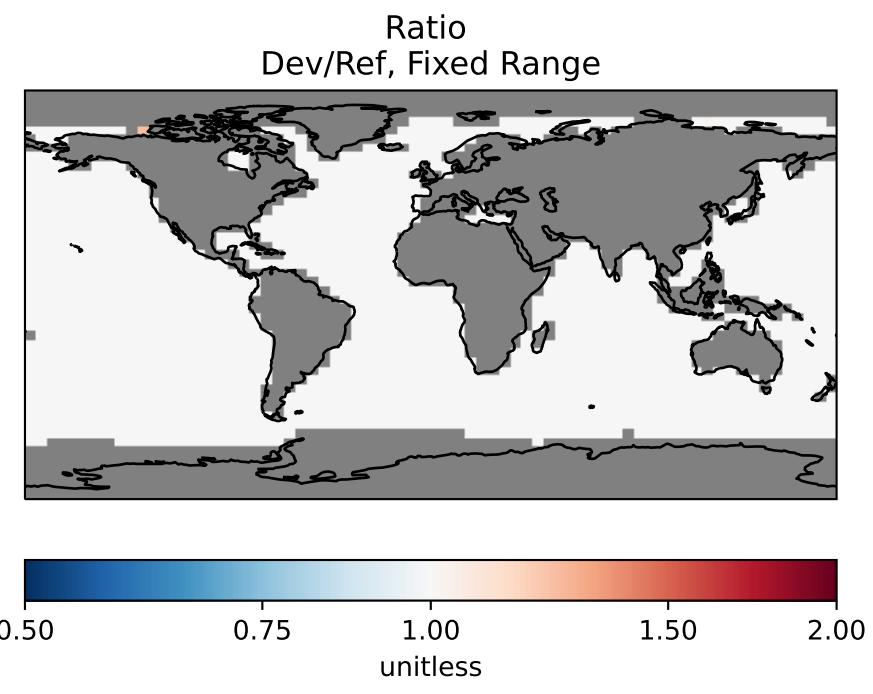
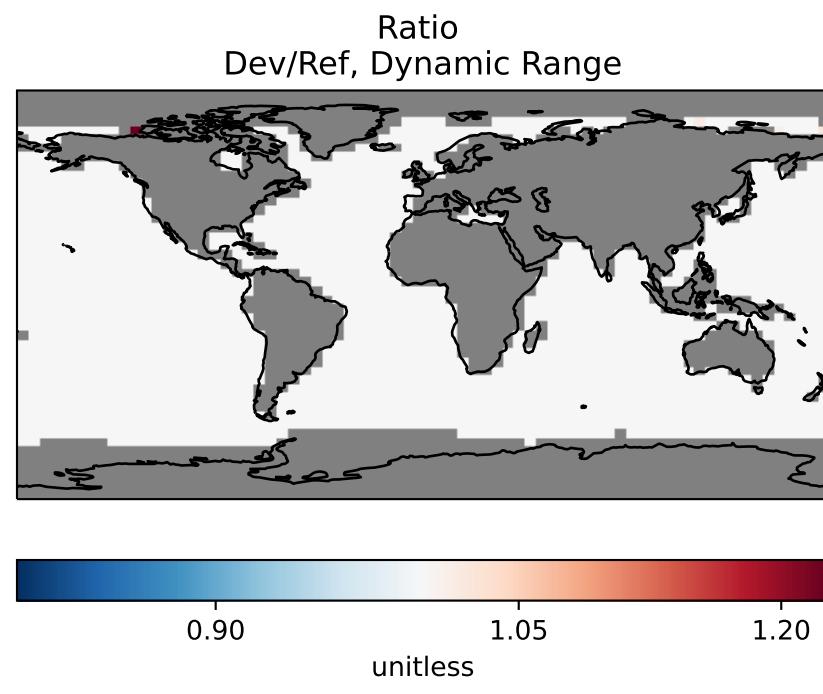
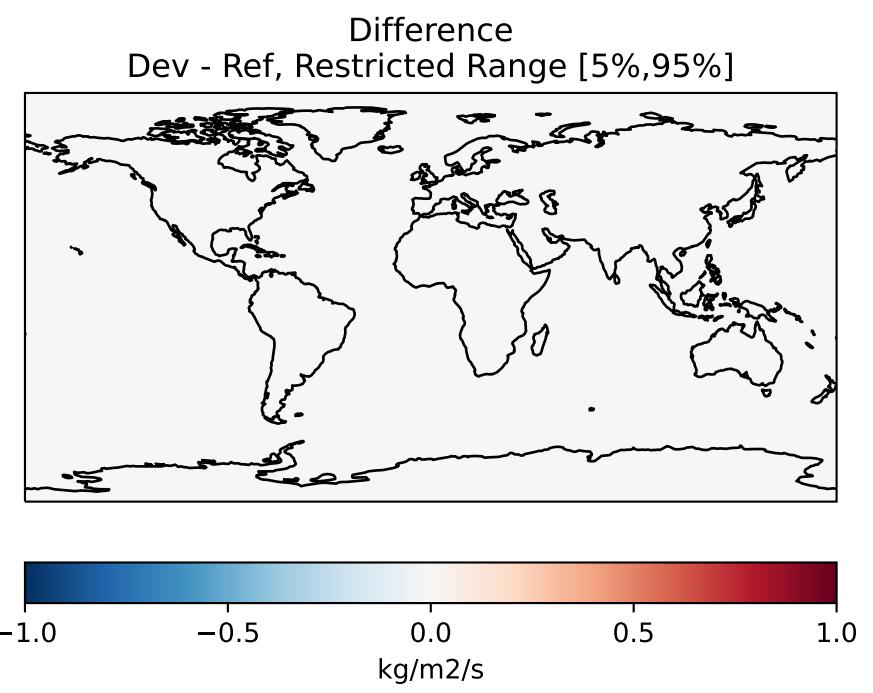
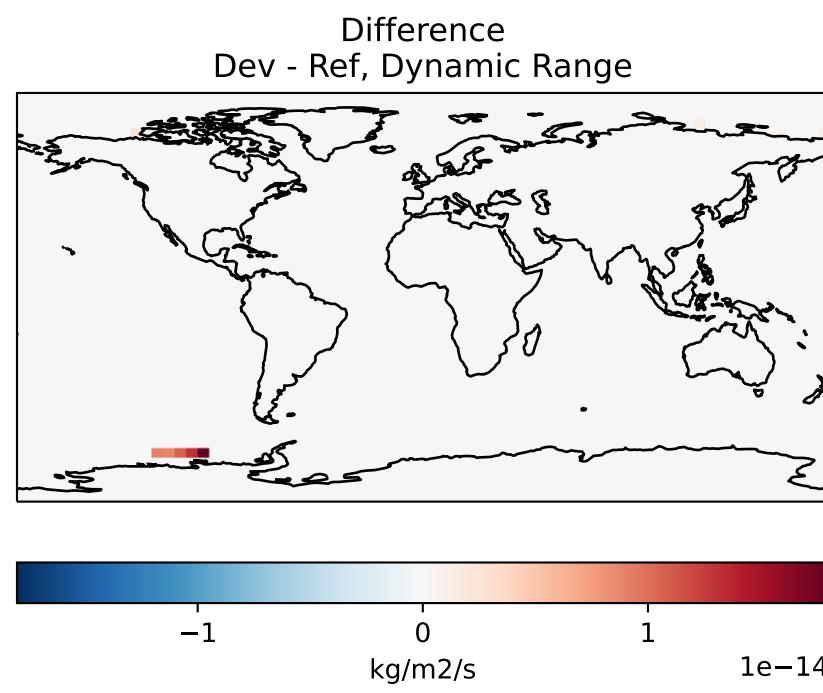
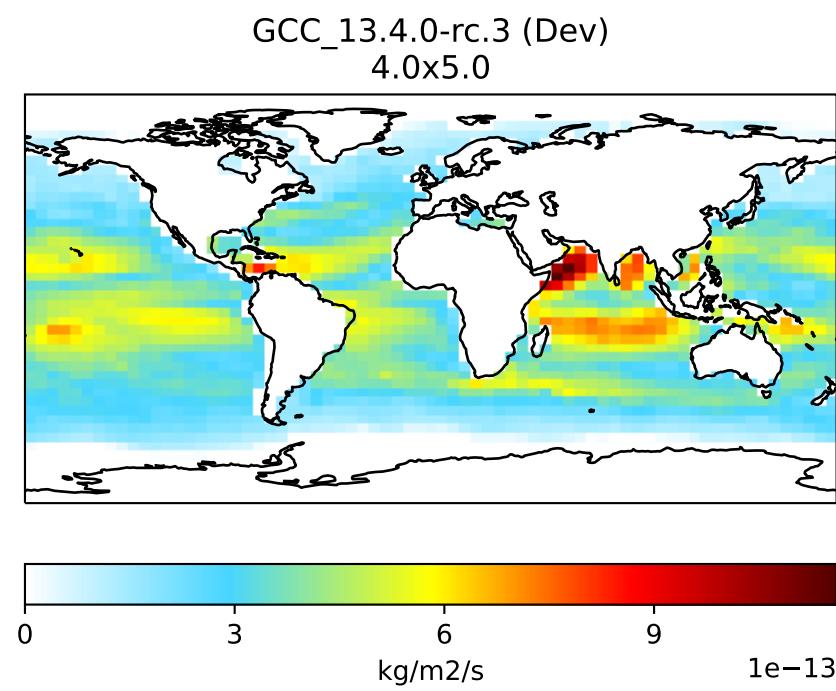
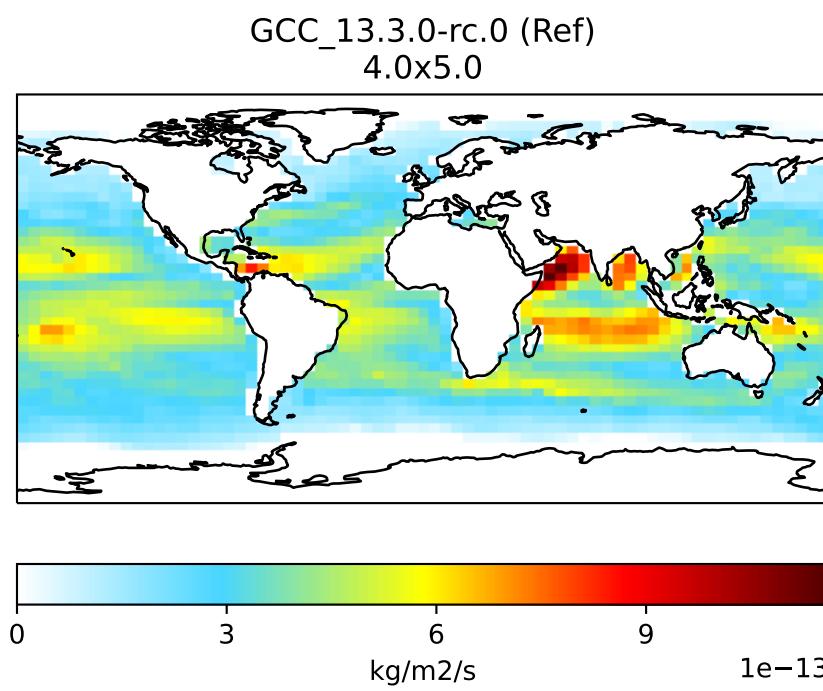
EmisMOH_BioBurn (Jul2019)



EmisMOH_Biogenic (Jul2019)

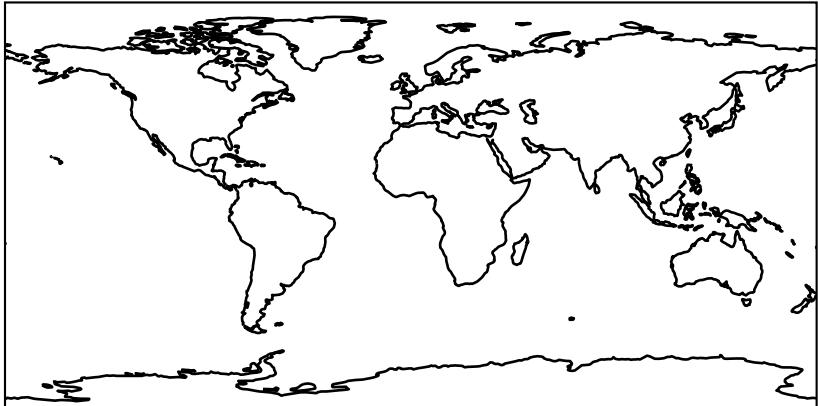


EmisMOH_Ocean (Jul2019)



EmisMOH_Ship (Jul2019)

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



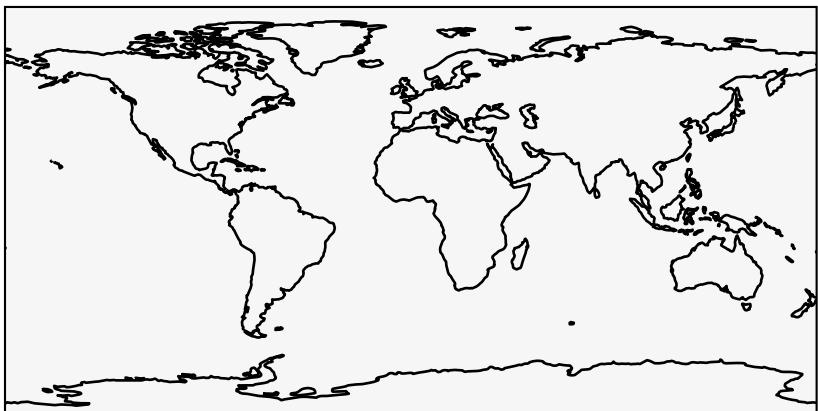
Zero throughout domain
kg/m²/s

GCC_13.4.0-rc.3 (Dev)
4.0x5.0



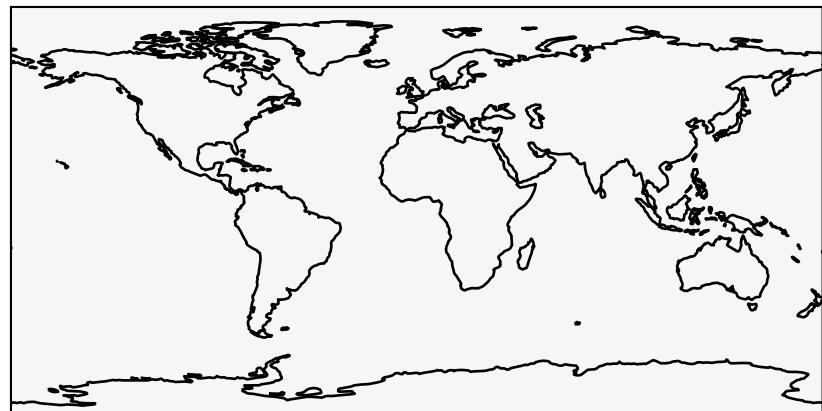
Zero throughout domain
kg/m²/s

Difference
Dev - Ref, Dynamic Range



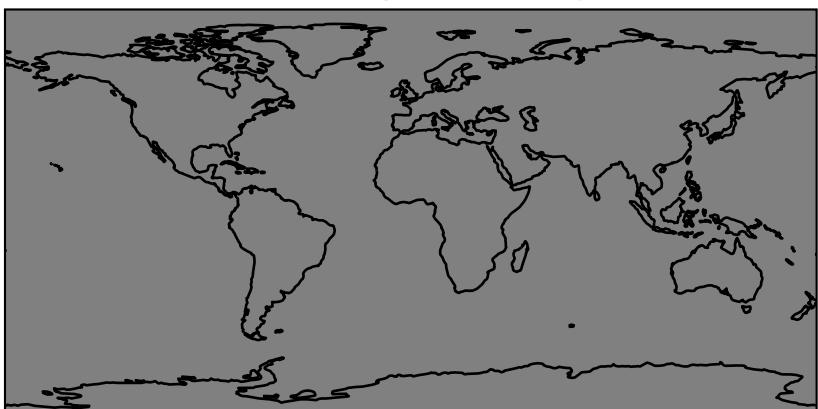
Zero throughout domain
kg/m²/s

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



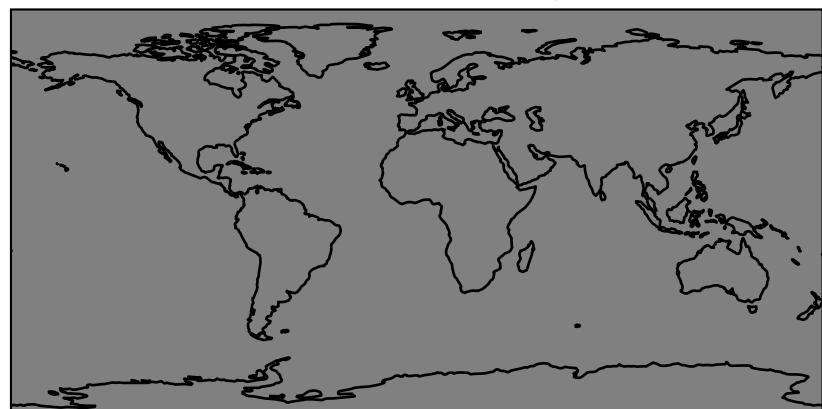
Zero throughout domain
kg/m²/s

Ratio
Dev/Ref, Dynamic Range



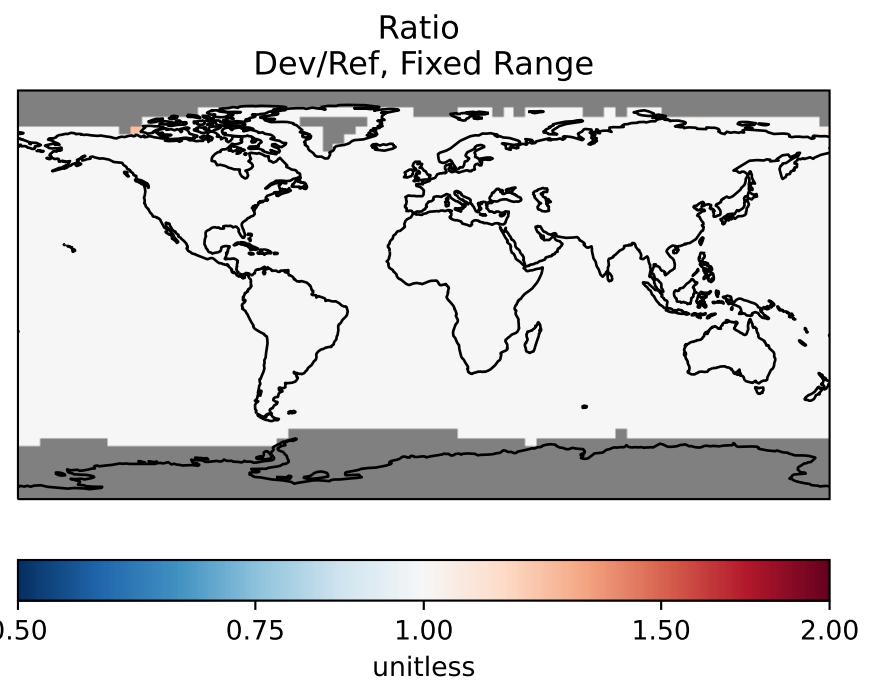
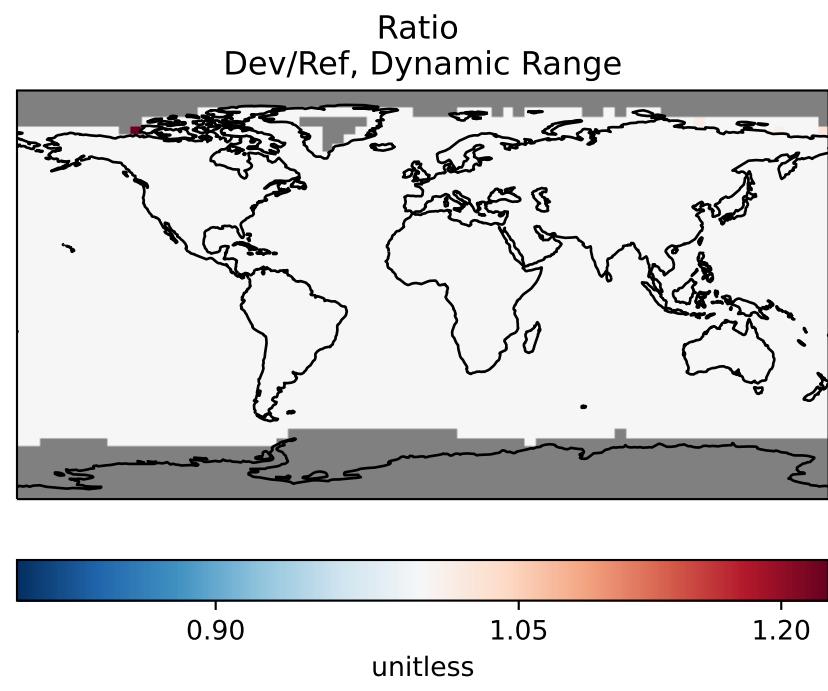
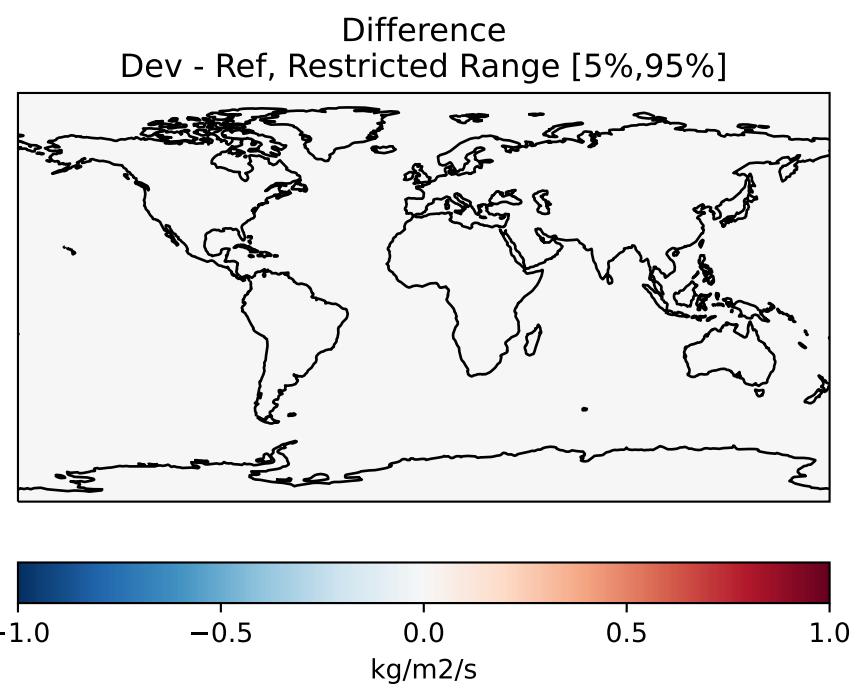
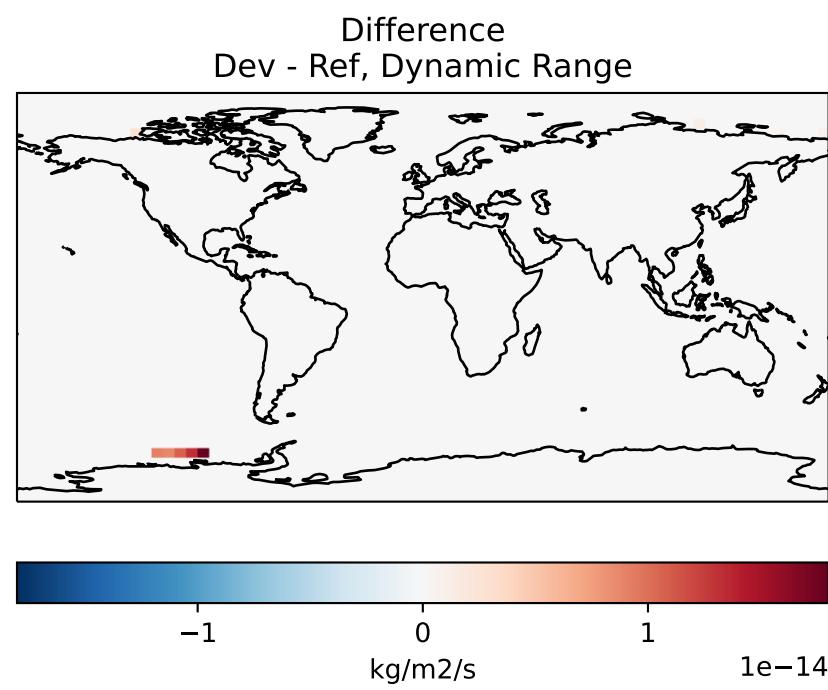
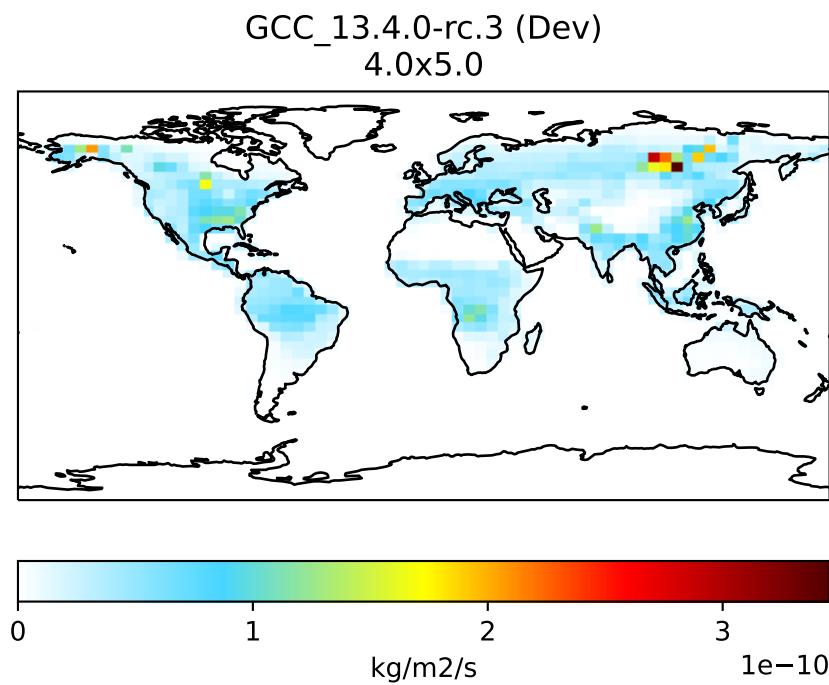
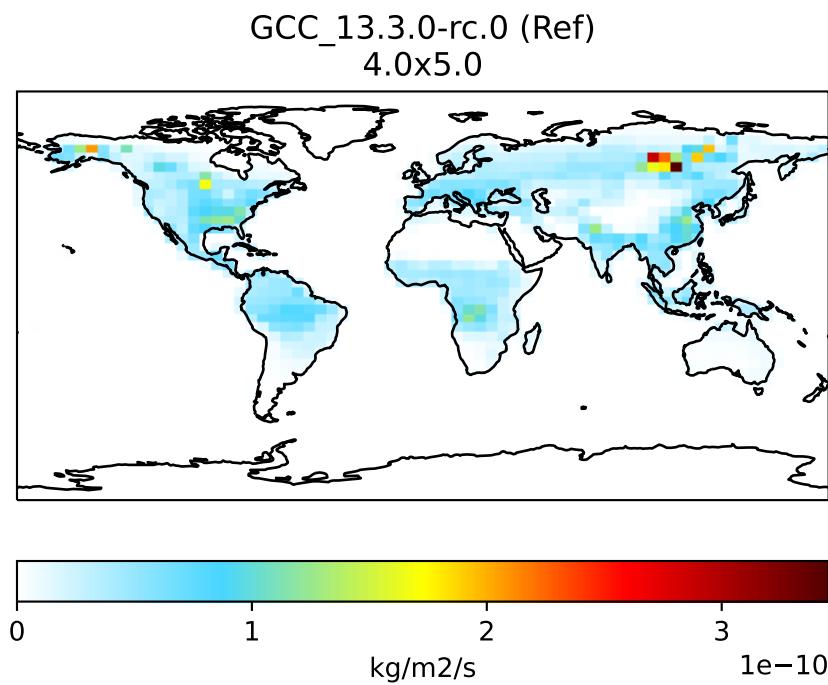
Undefined throughout domain
unitless

Ratio
Dev/Ref, Fixed Range



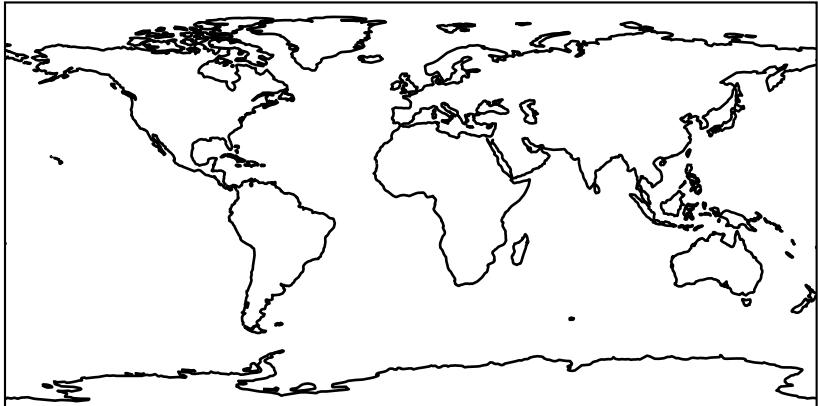
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EmisMOH_Total (Jul2019)



EmisISOP_Anthro (Jul2019)

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



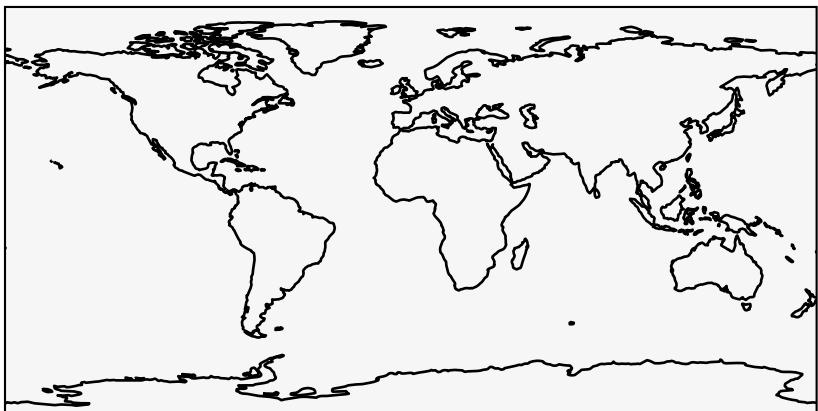
Zero throughout domain
kg/m²/s

GCC_13.4.0-rc.3 (Dev)
4.0x5.0



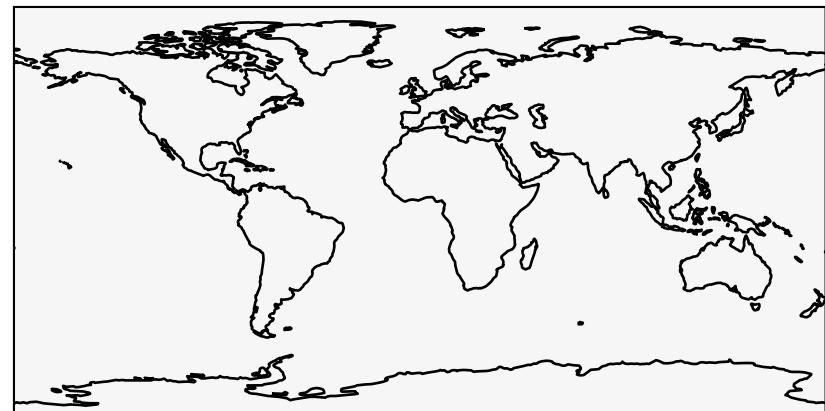
Zero throughout domain
kg/m²/s

Difference
Dev - Ref, Dynamic Range



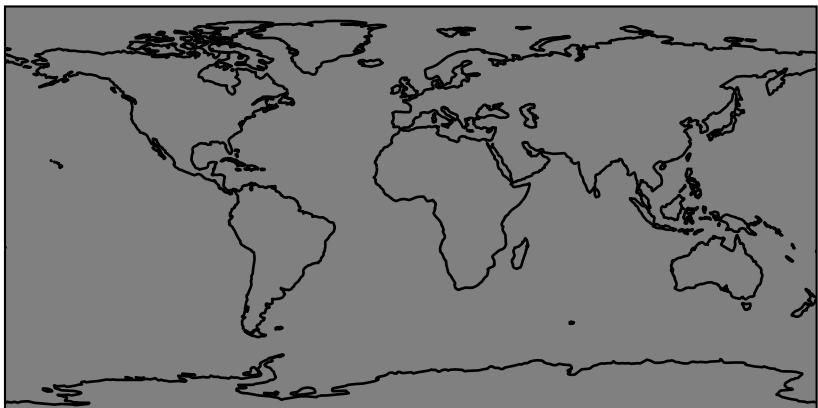
Zero throughout domain
kg/m²/s

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



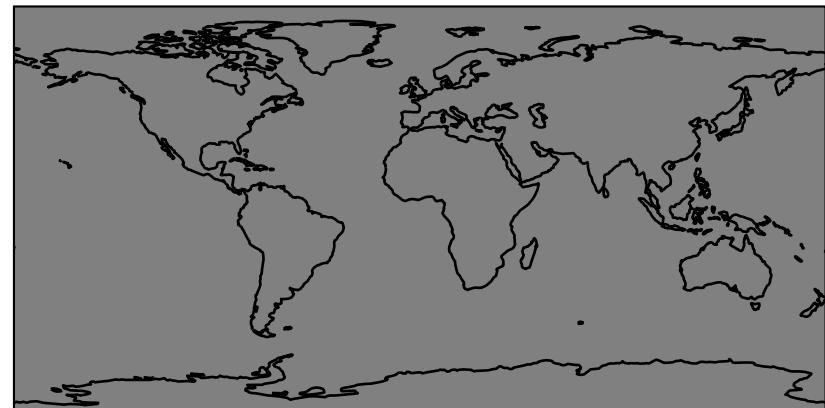
Zero throughout domain
kg/m²/s

Ratio
Dev/Ref, Dynamic Range



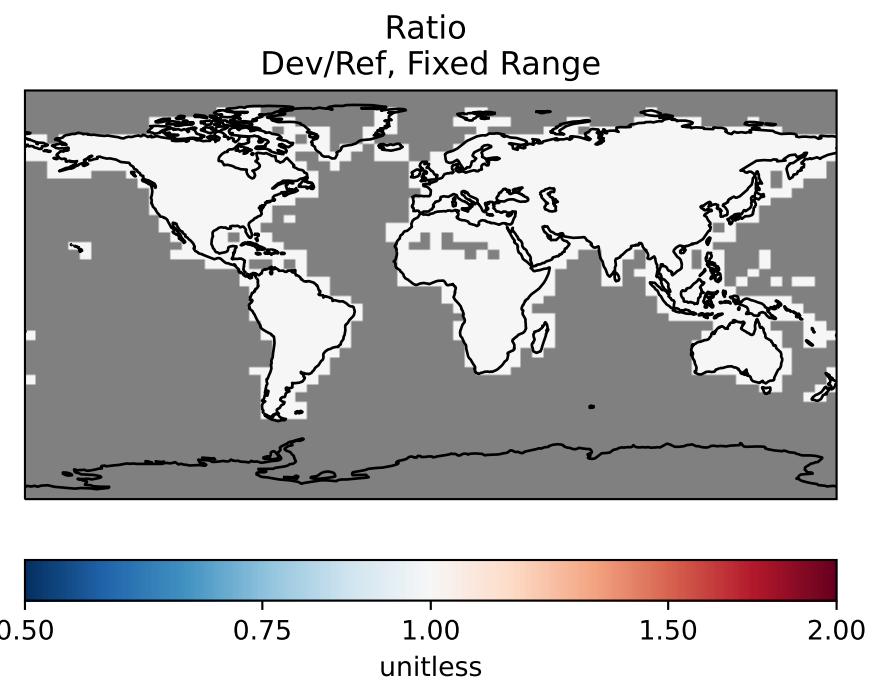
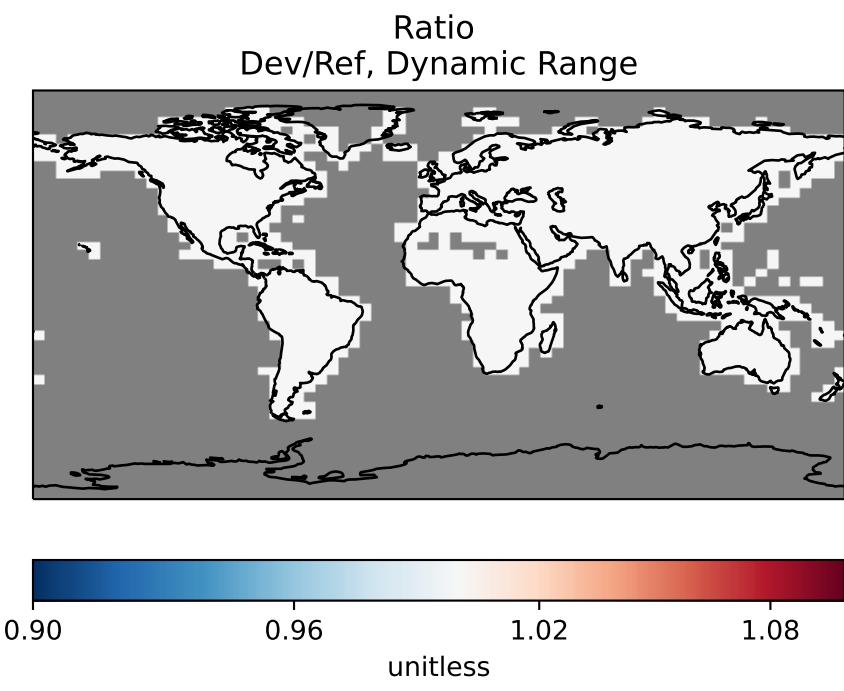
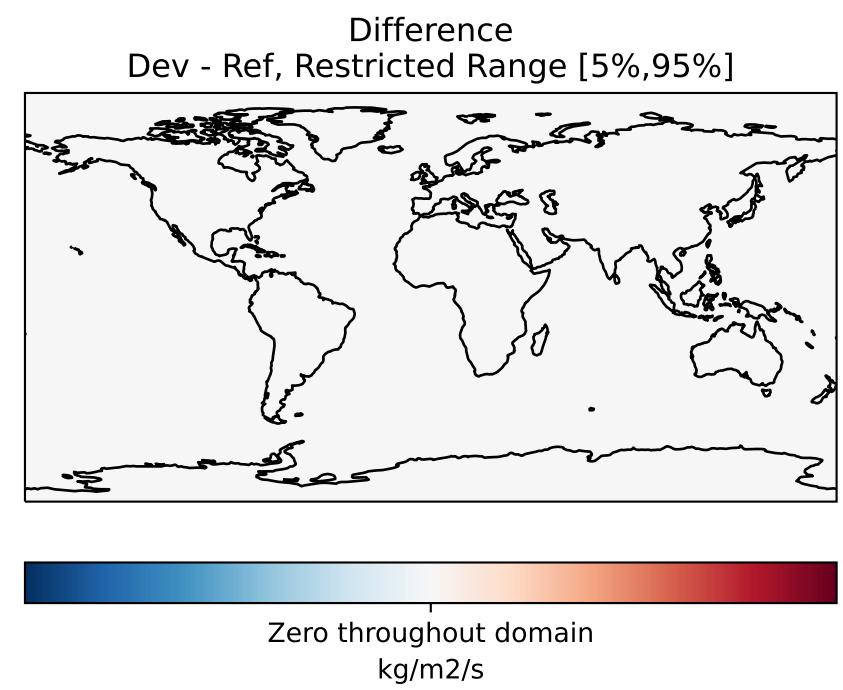
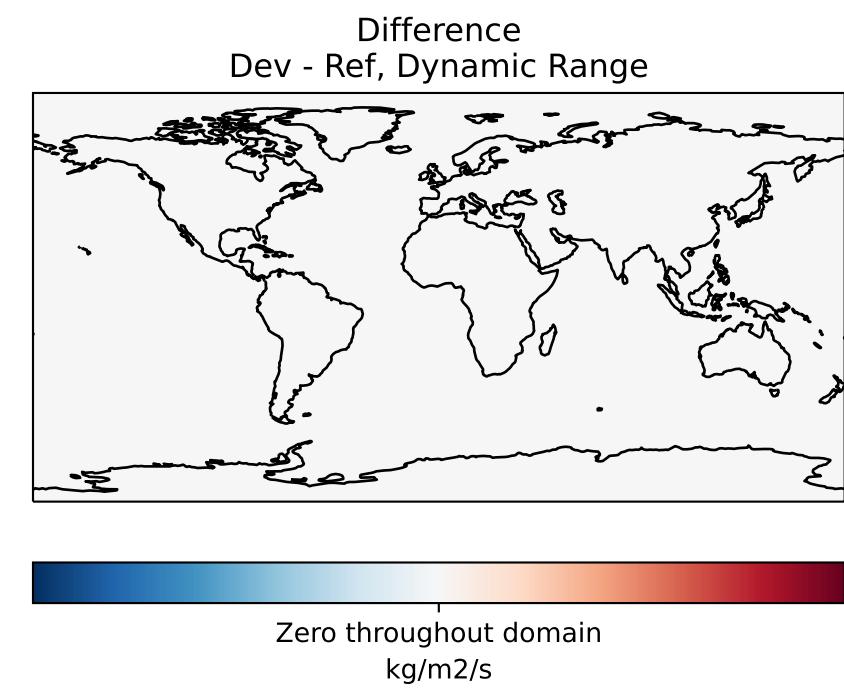
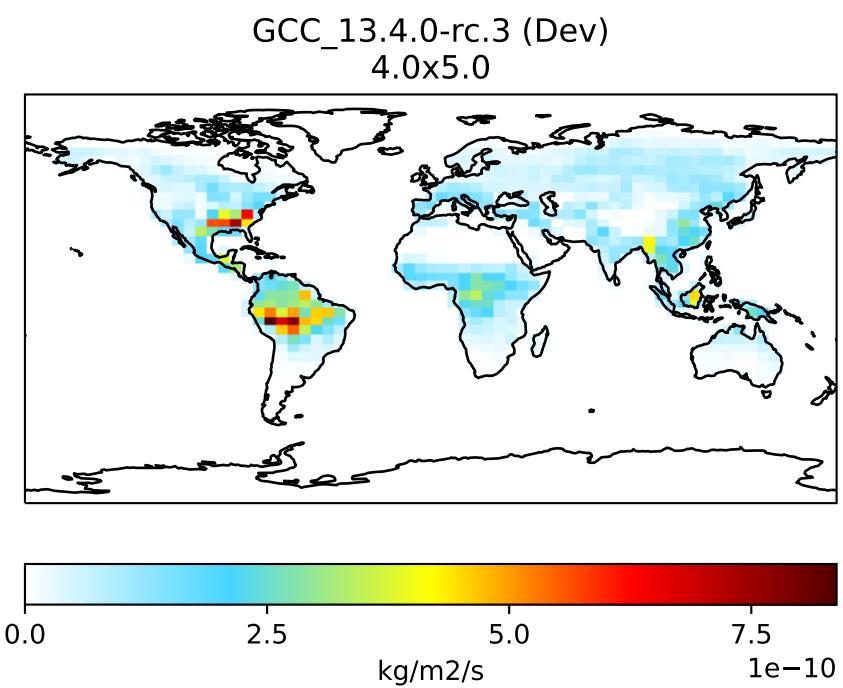
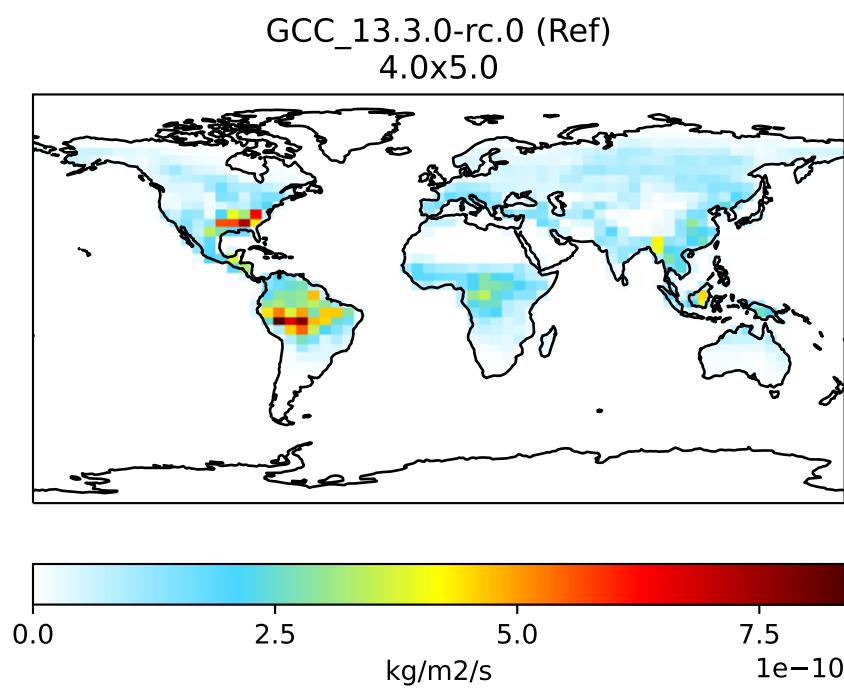
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unitless

Ratio
Dev/Ref, Fixed Range

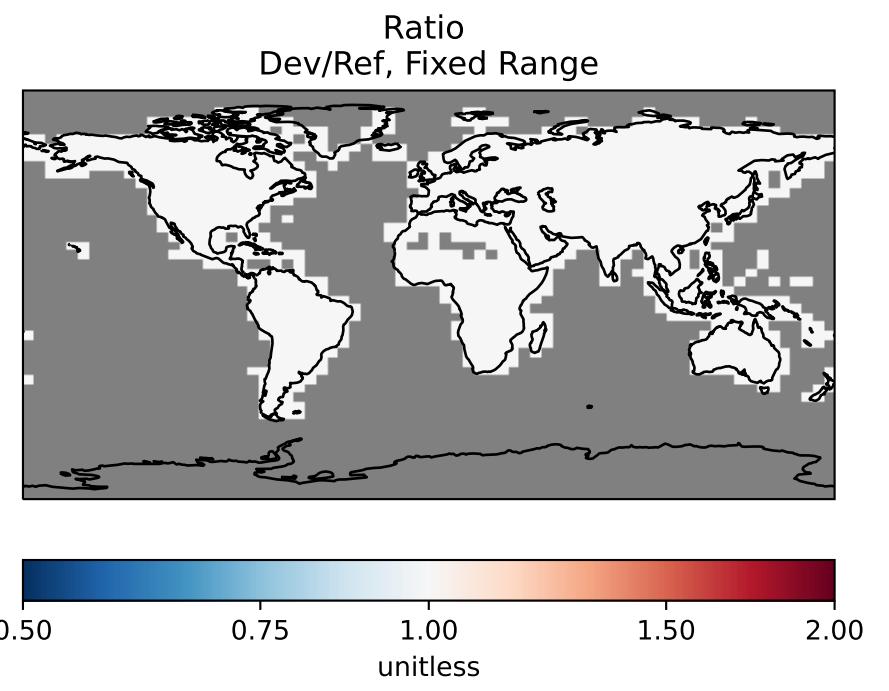
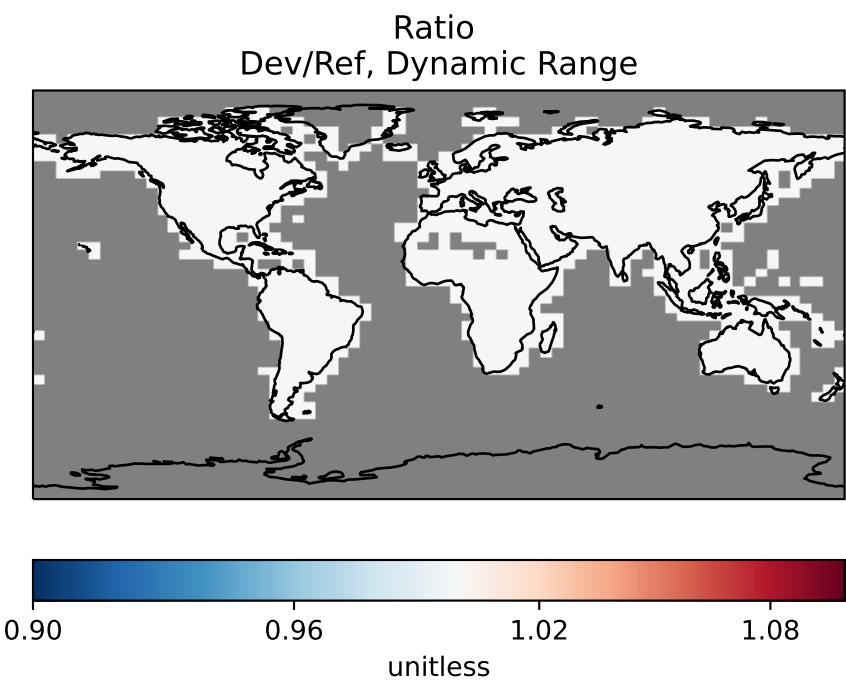
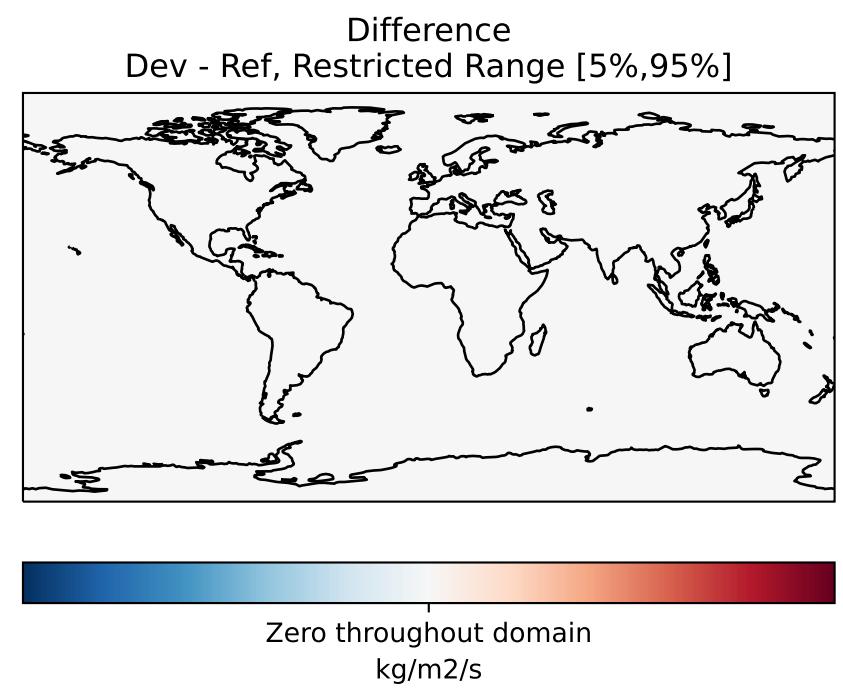
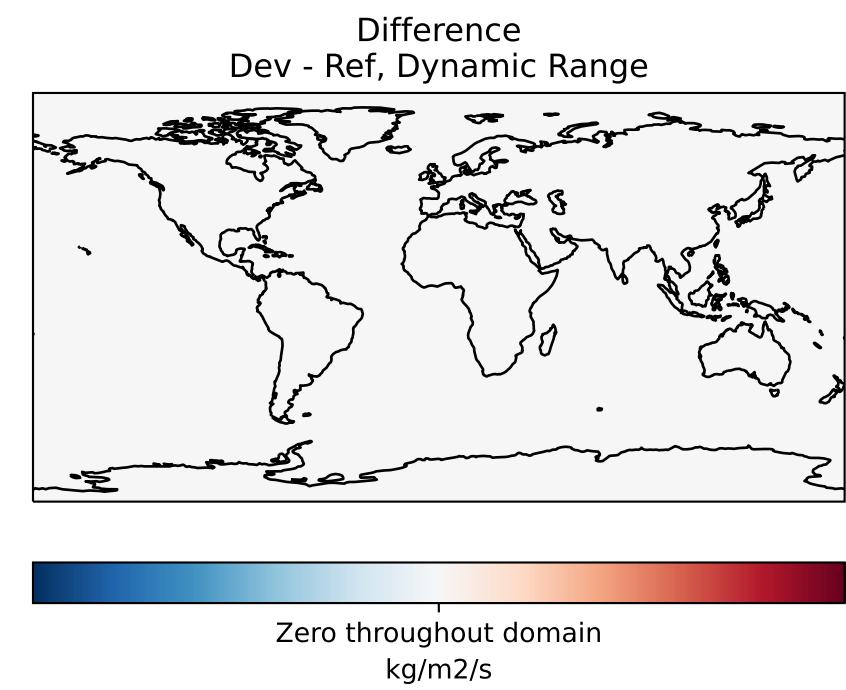
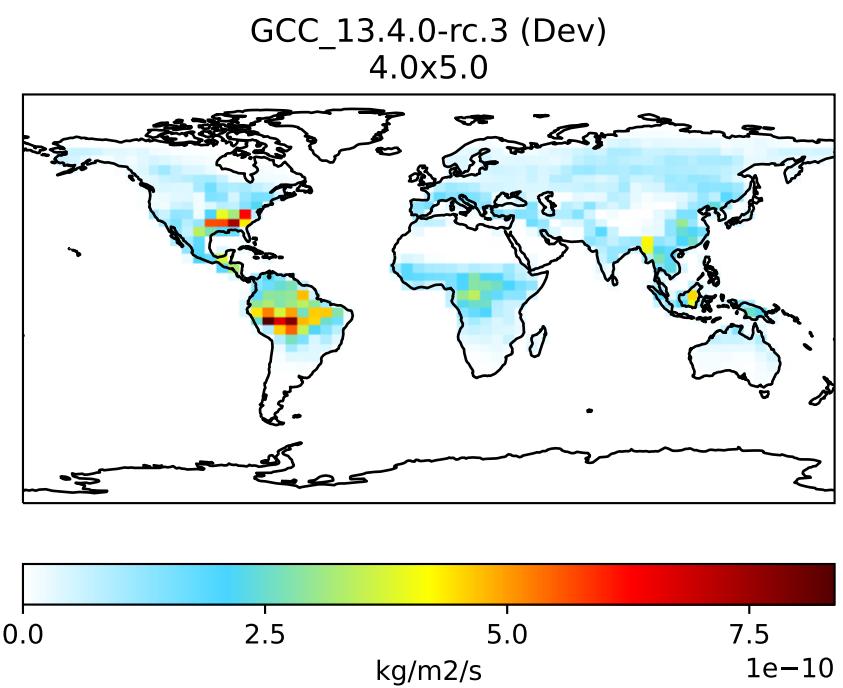
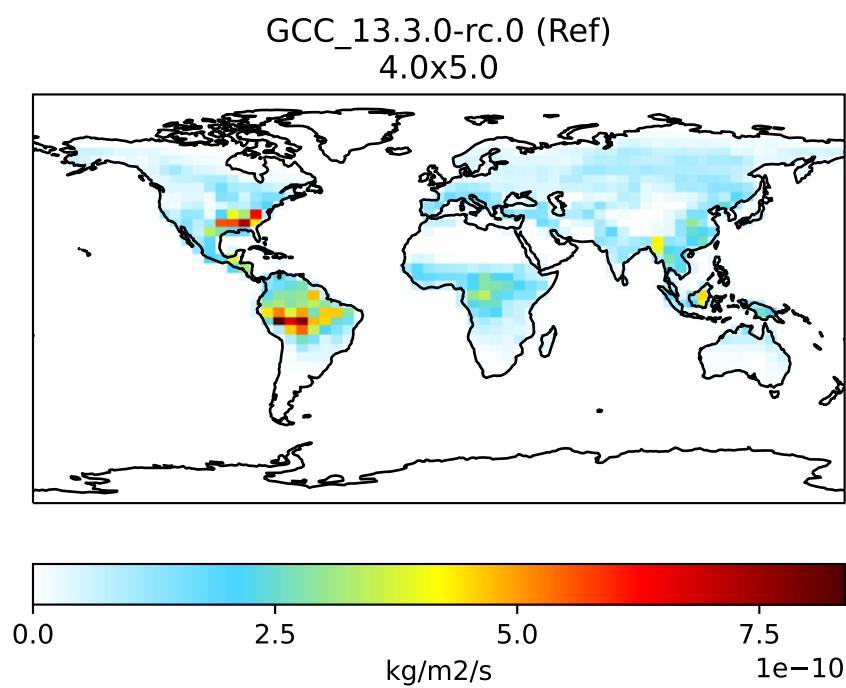


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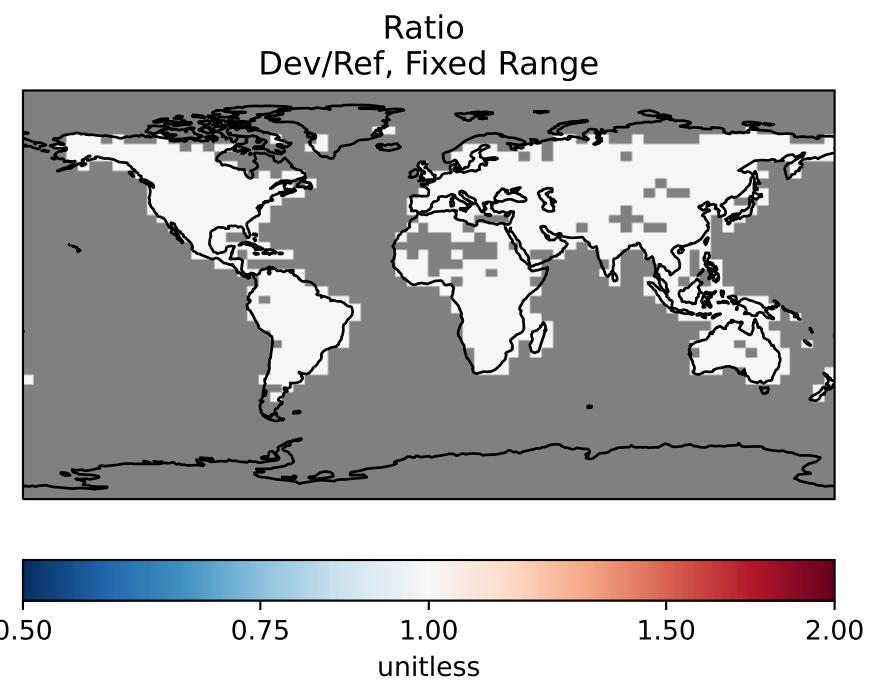
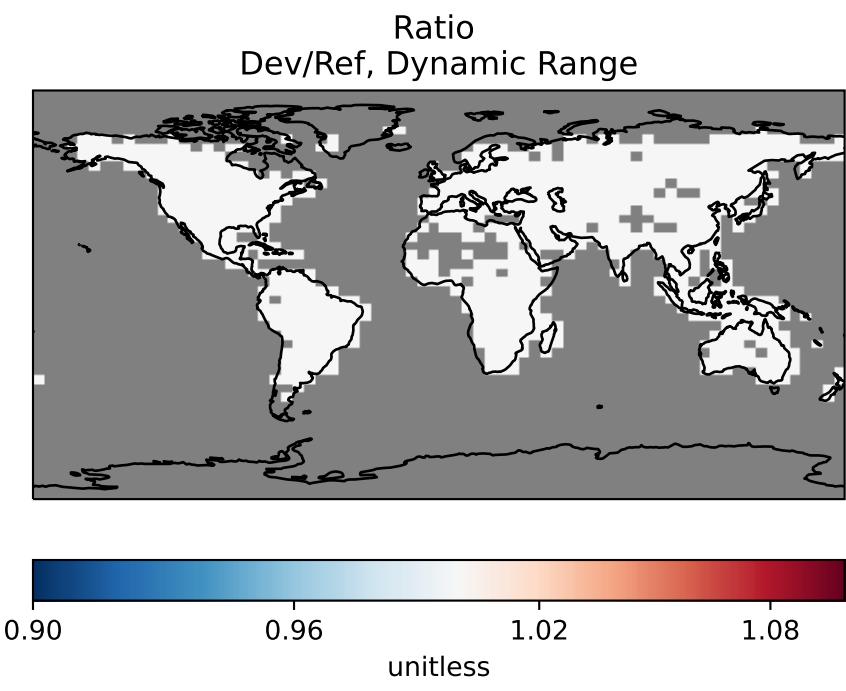
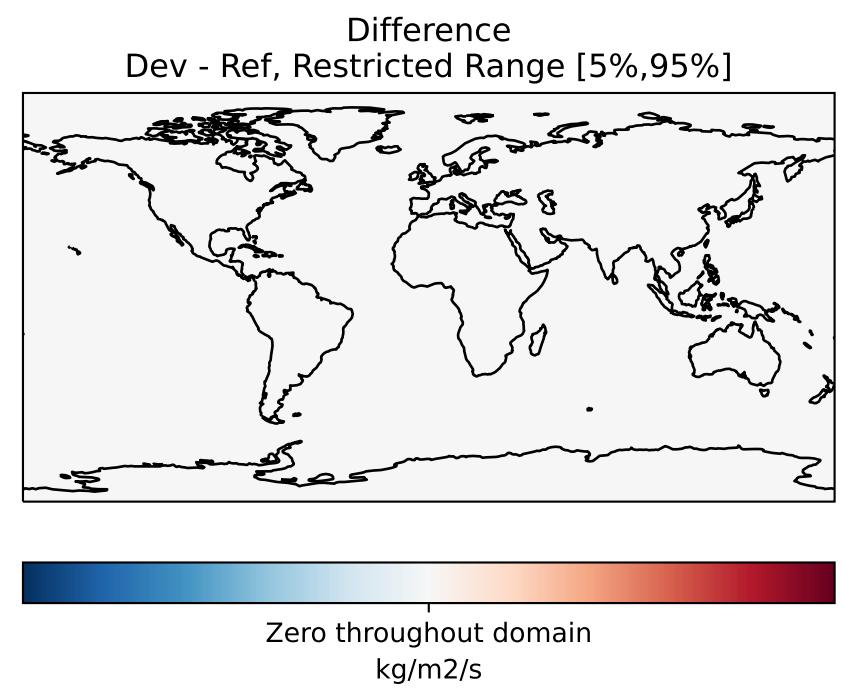
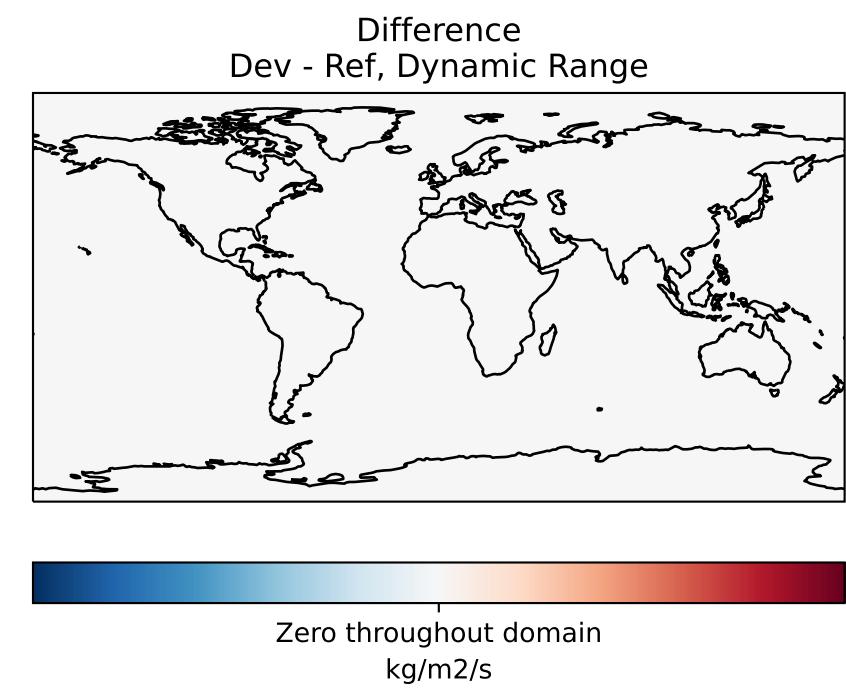
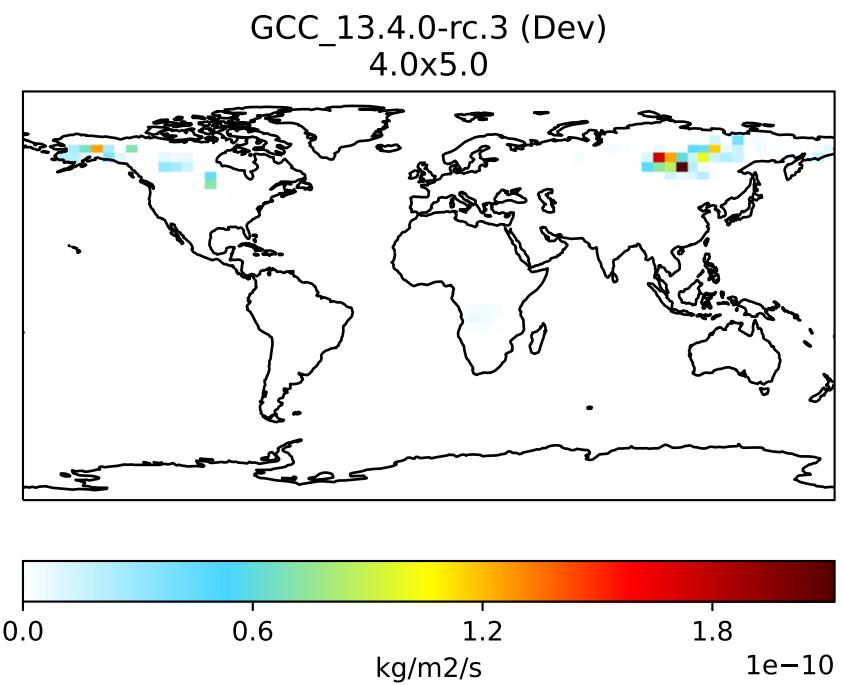
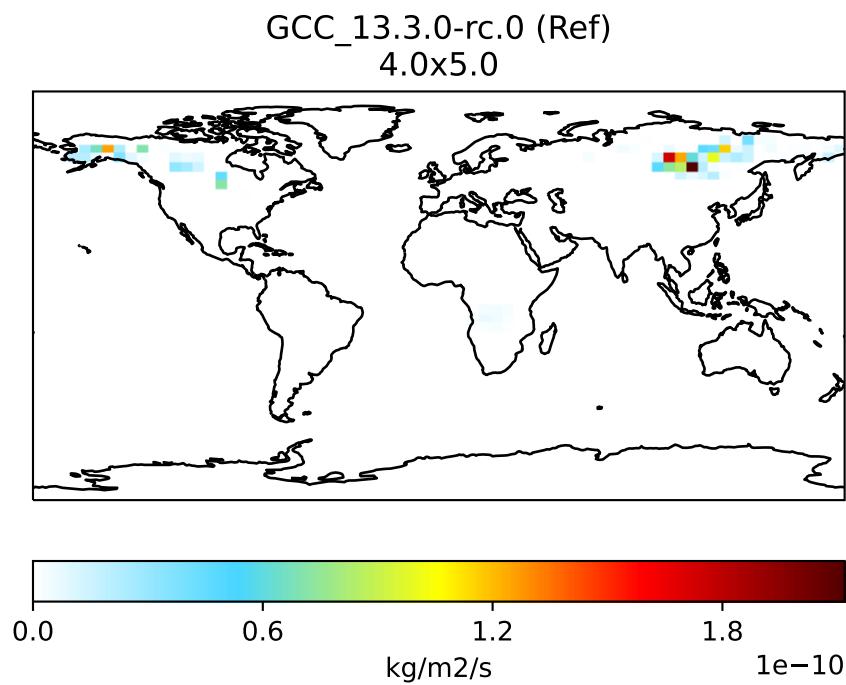
EmisISOP_Biogenic (Jul2019)



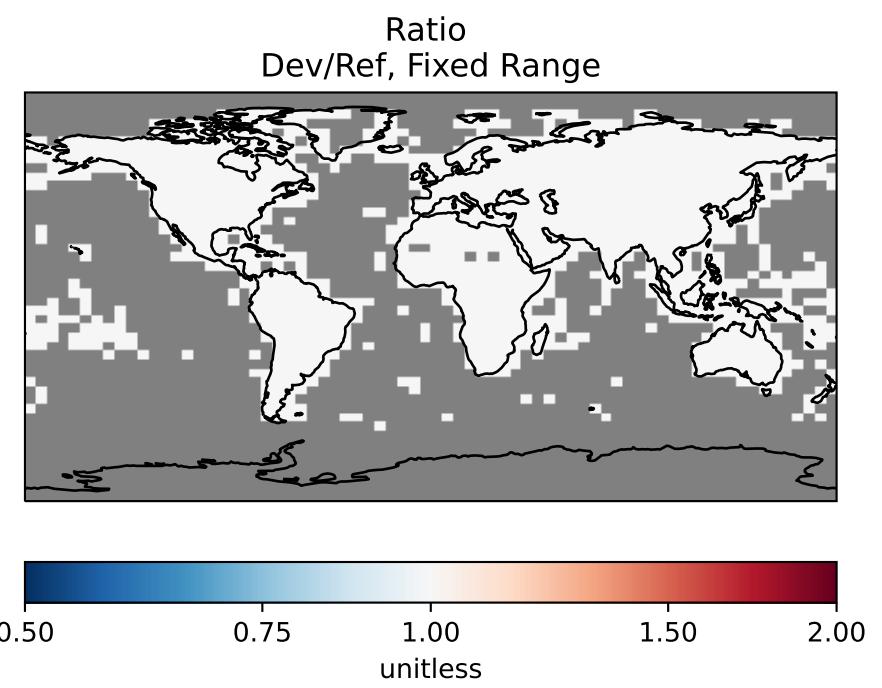
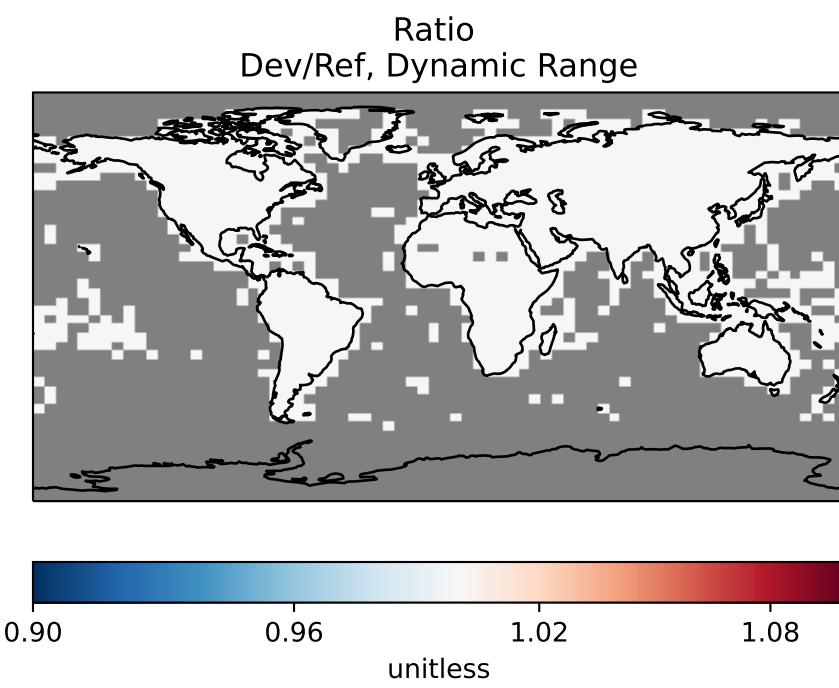
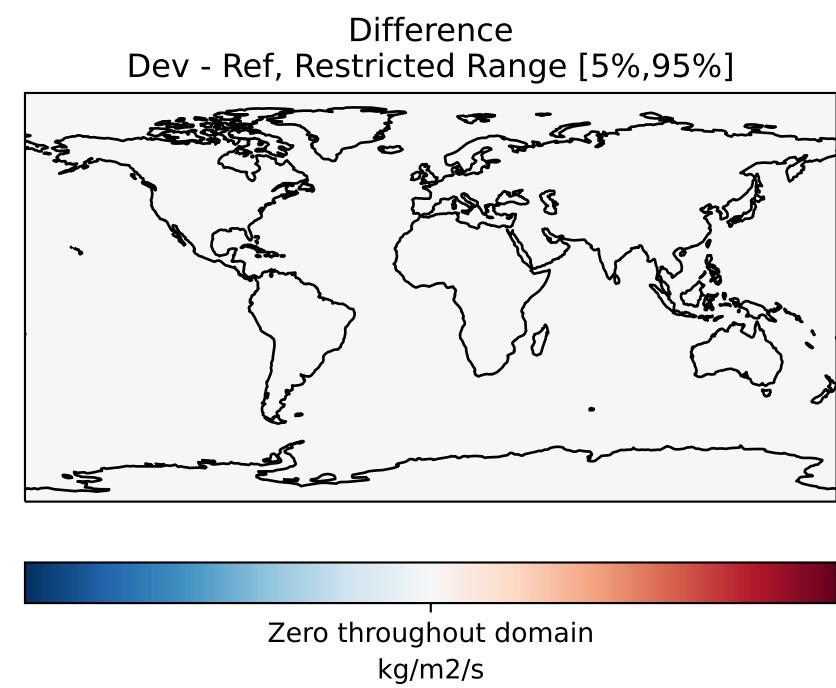
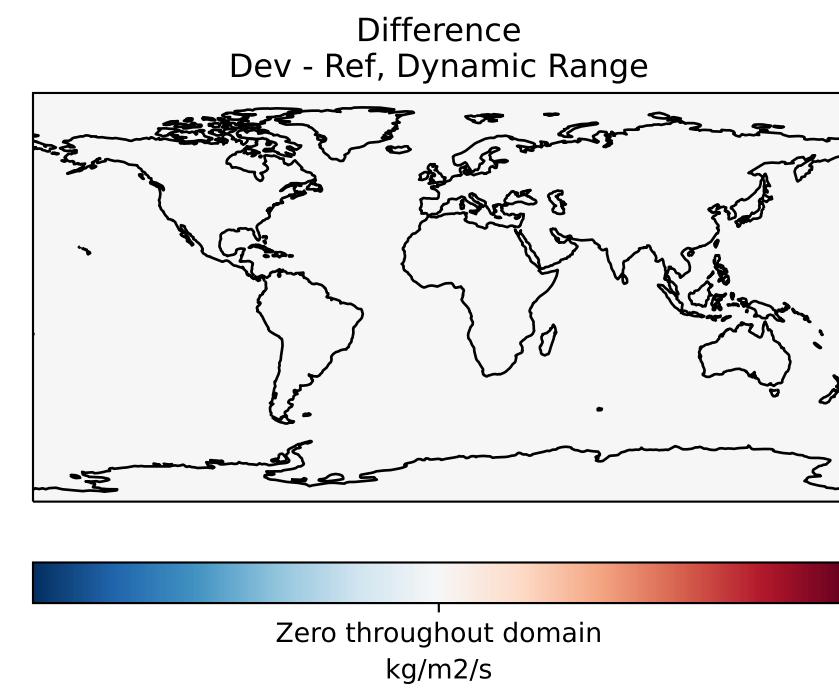
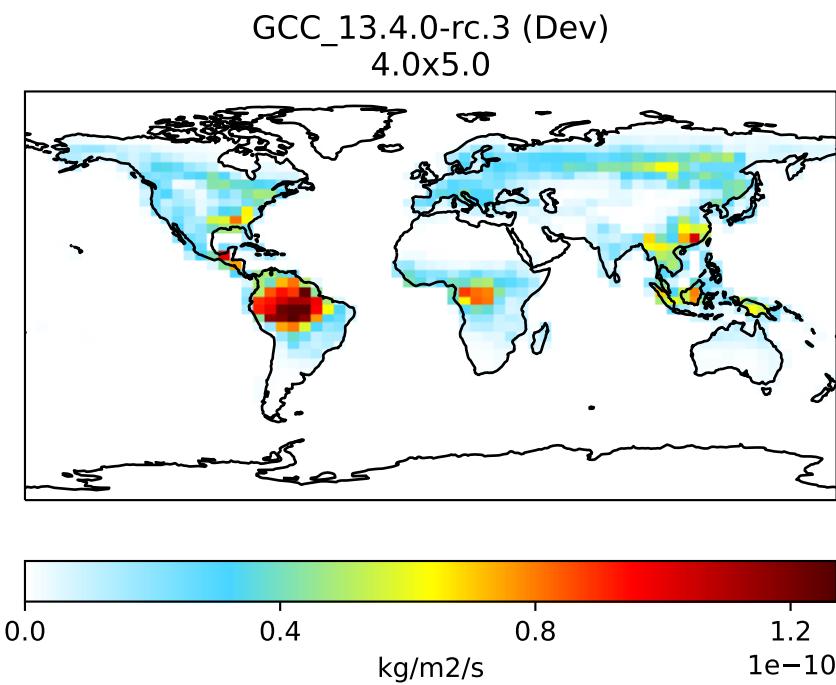
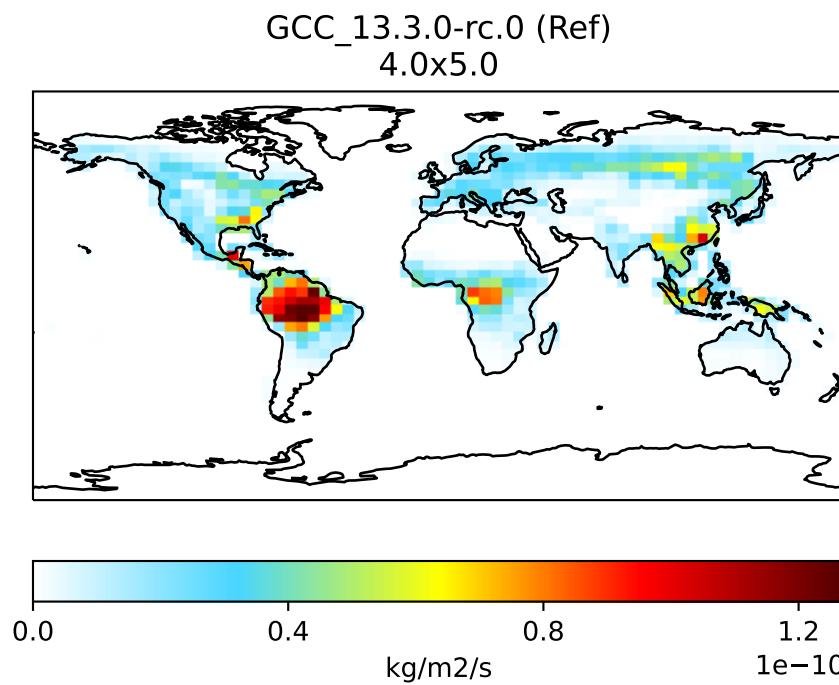
EmisISOP_Total (Jul2019)



EmisMTPA_BioBurn (Jul2019)

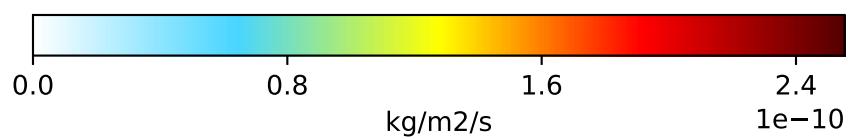
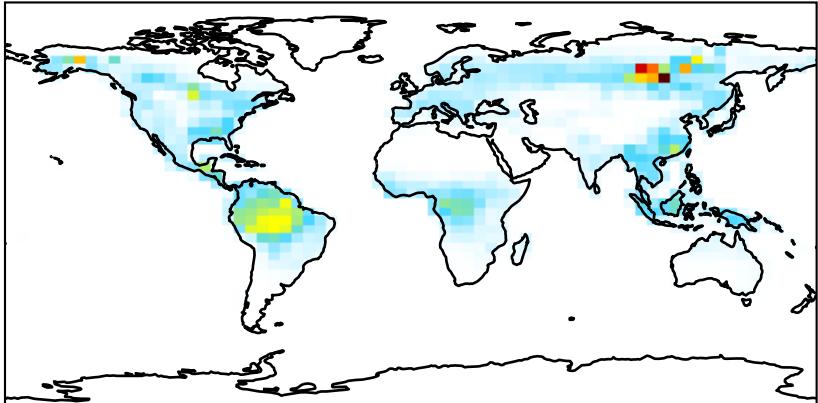


EmisMTPA_Biogenic (Jul2019)

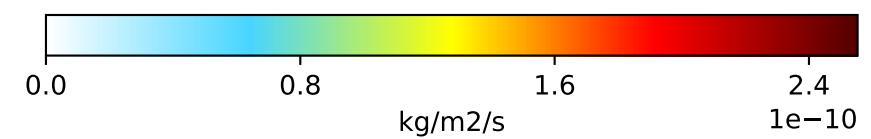
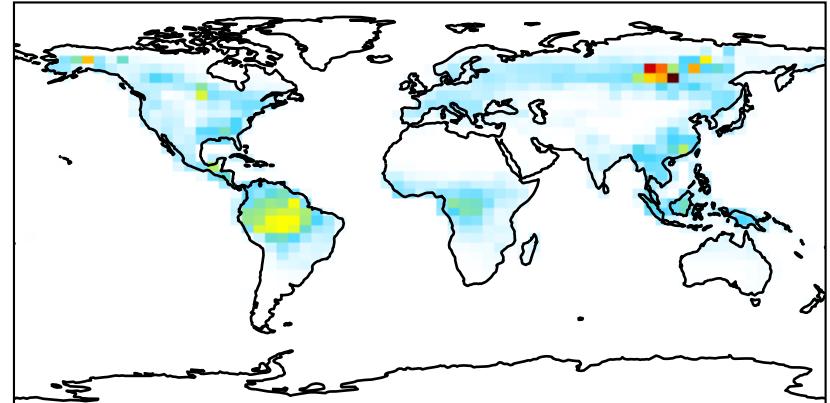


EmisMTPA_Total (Jul2019)

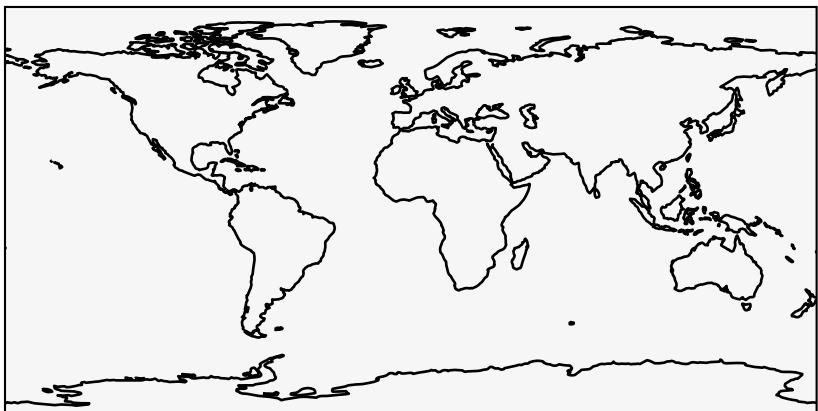
GCC_13.3.0-rc.0 (Ref)
4.0x5.0



GCC_13.4.0-rc.3 (Dev)
4.0x5.0

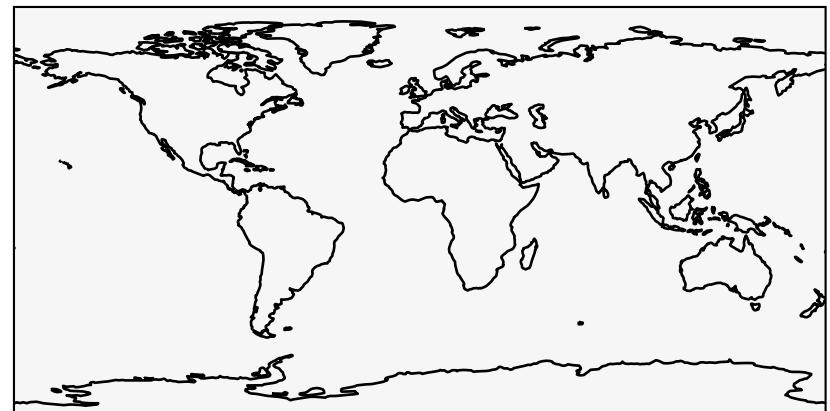


Difference
Dev - Ref, Dynamic Range



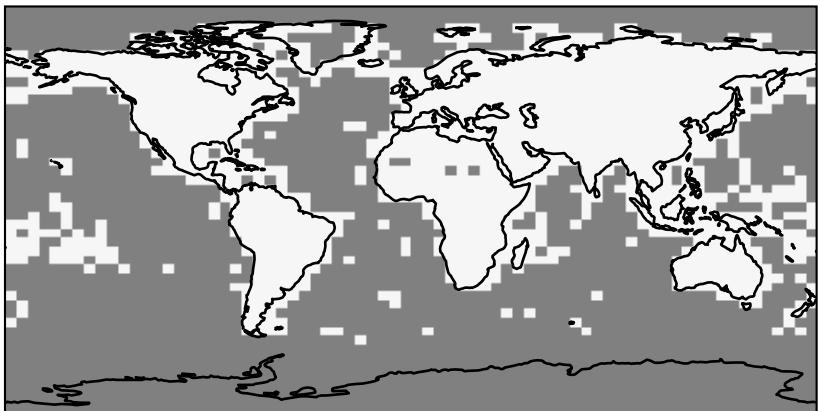
Zero throughout domain
kg/m²/s

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



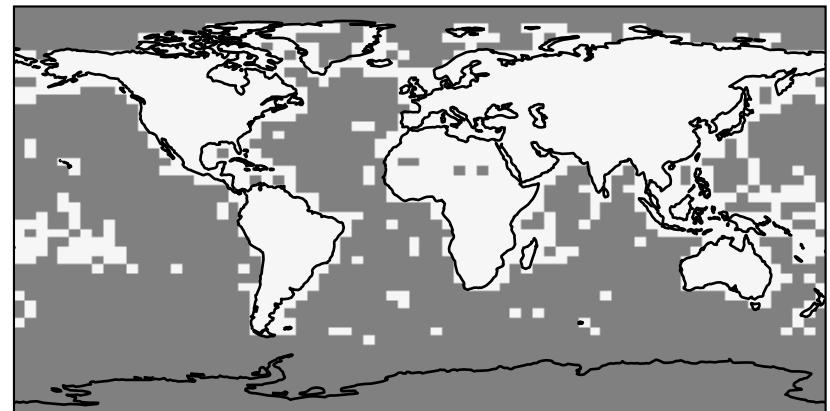
Zero throughout domain
kg/m²/s

Ratio
Dev/Ref, Dynamic Range



0.90 0.96 1.02 1.08
unitless

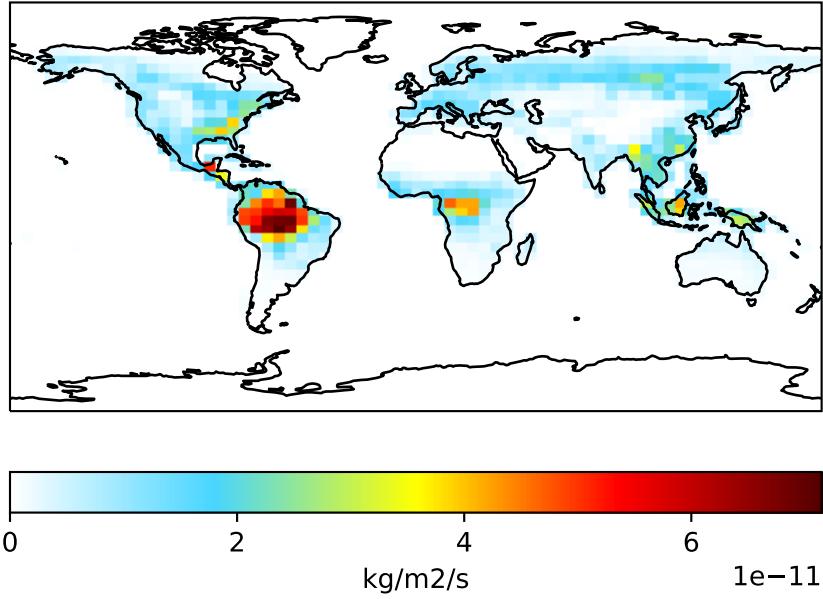
Ratio
Dev/Ref, Fixed Range



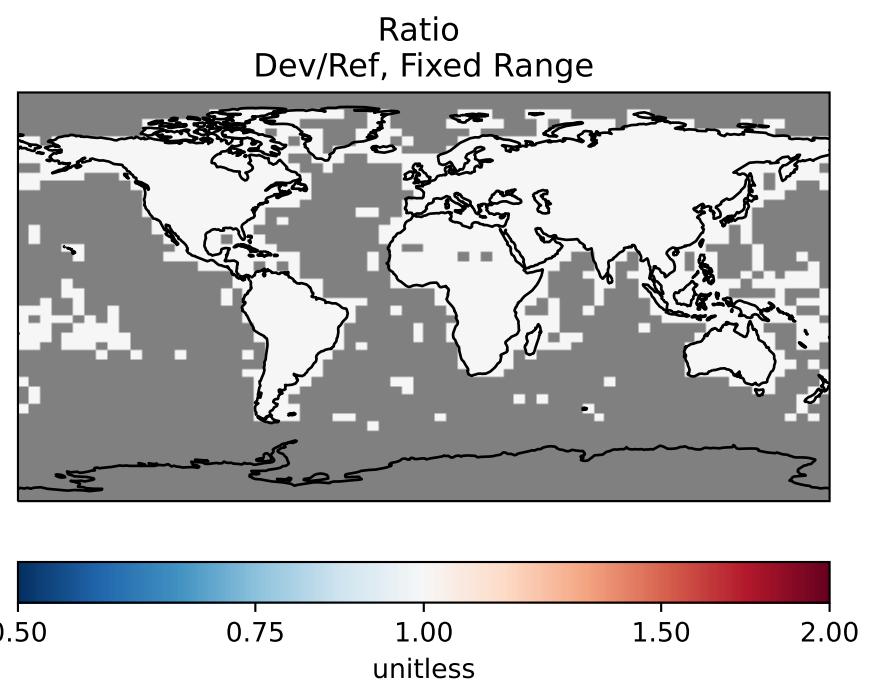
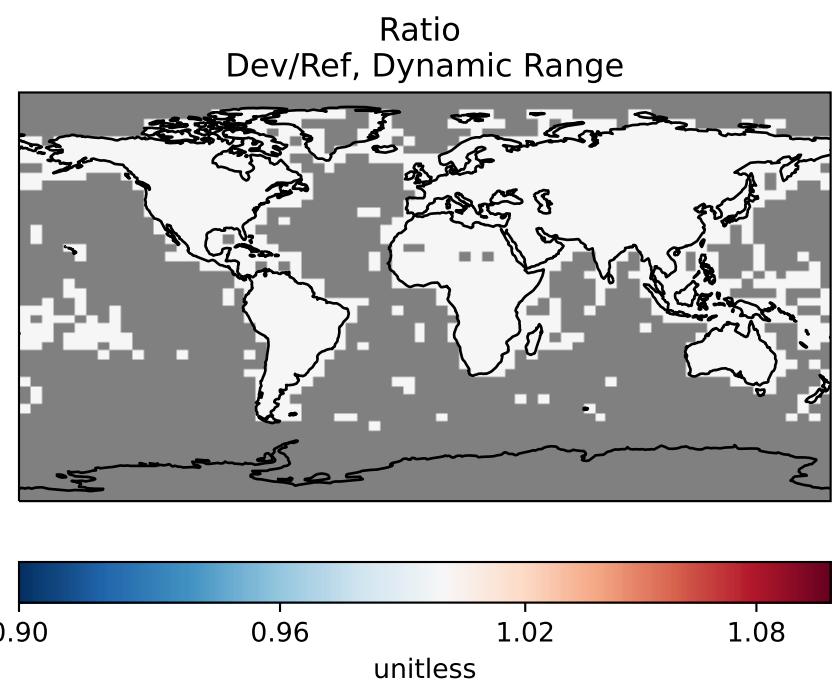
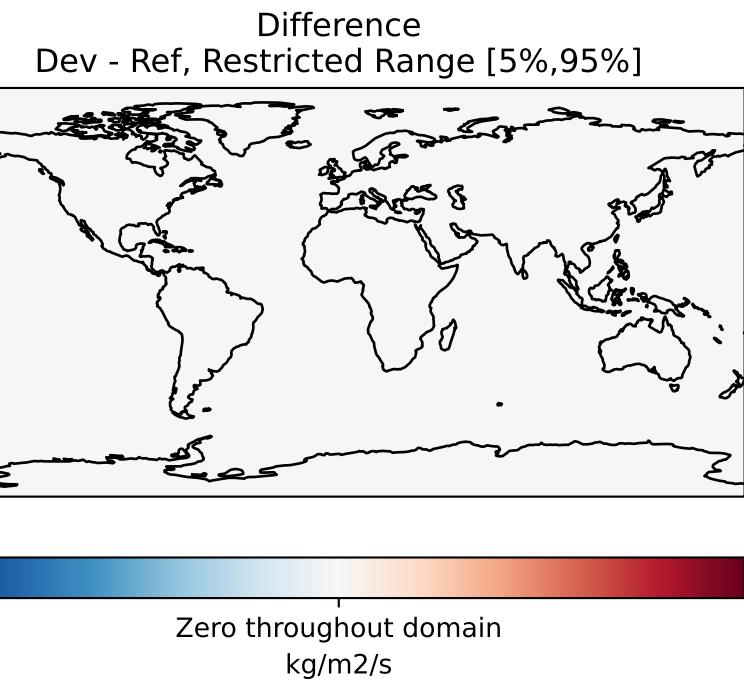
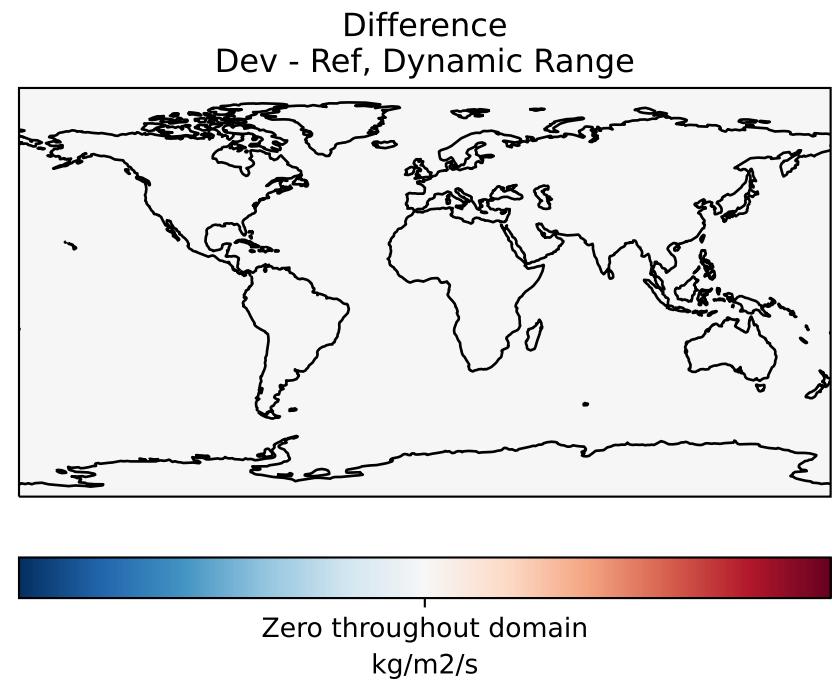
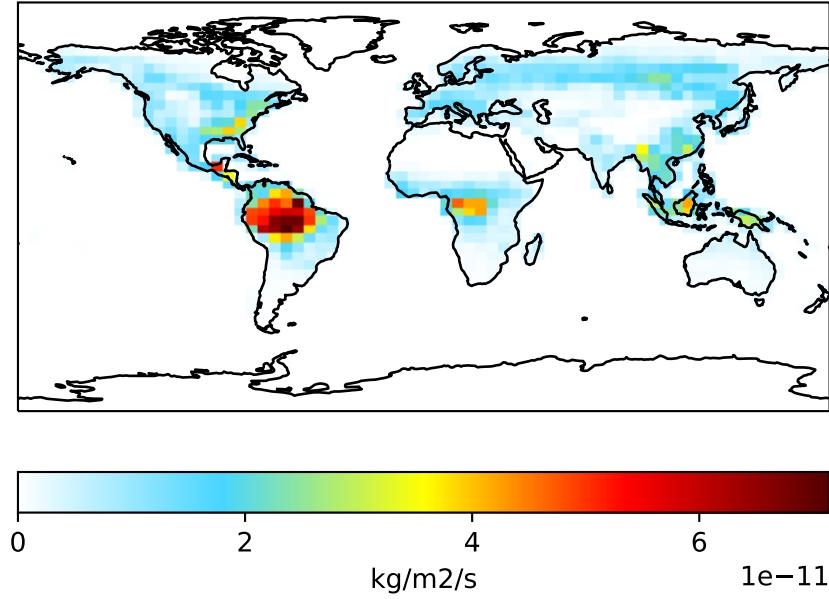
0.50 0.75 1.00 1.50 2.00
unitless

EmisMTPO_Biogenic (Jul2019)

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

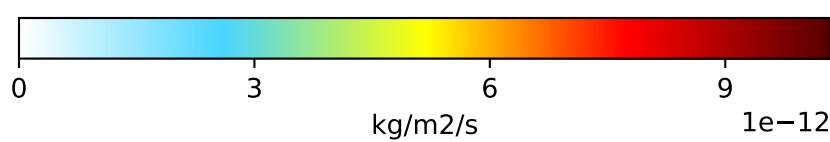
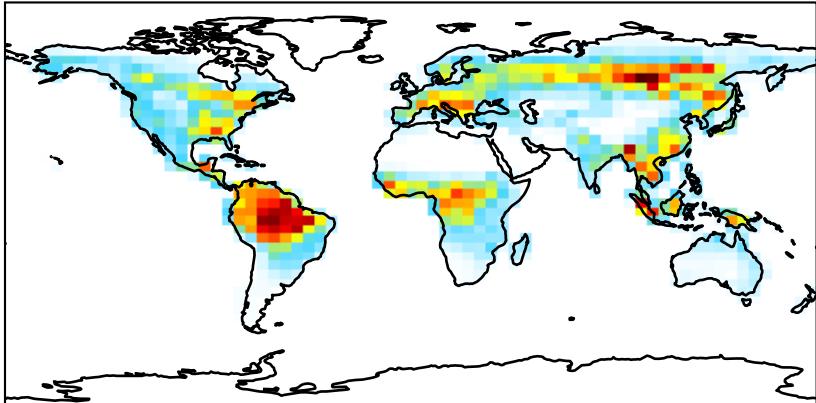


GCC_13.4.0-rc.3 (Dev)
4.0x5.0

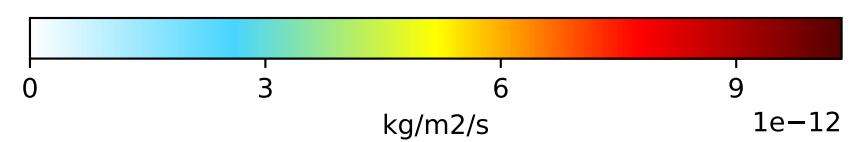
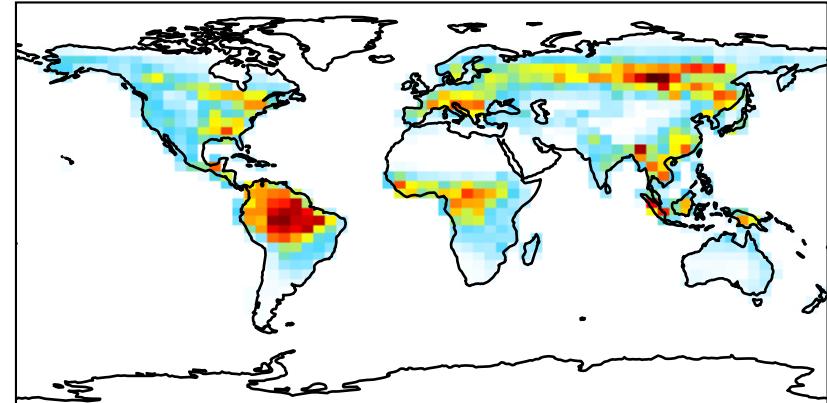


EmisLIMO_Biogenic (Jul2019)

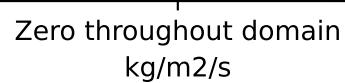
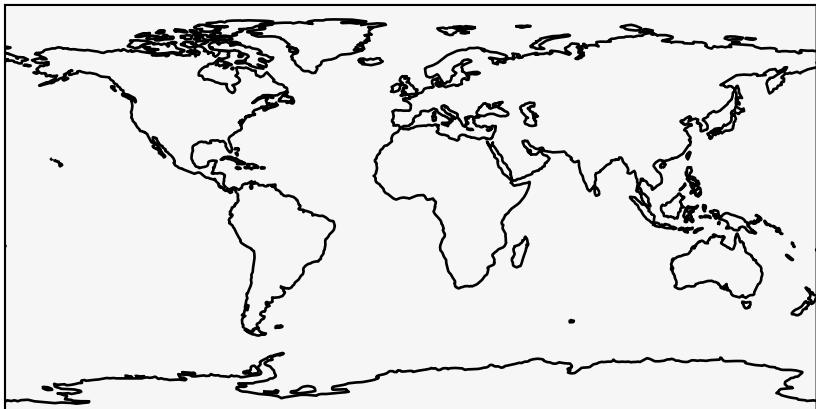
GCC_13.3.0-rc.0 (Ref)
4.0x5.0



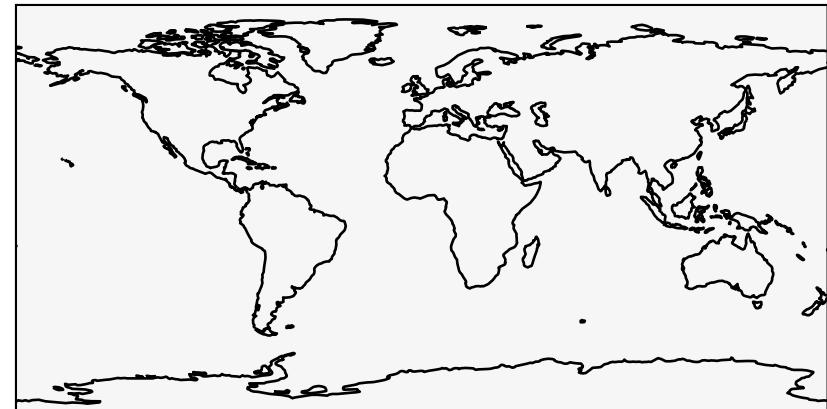
GCC_13.4.0-rc.3 (Dev)
4.0x5.0



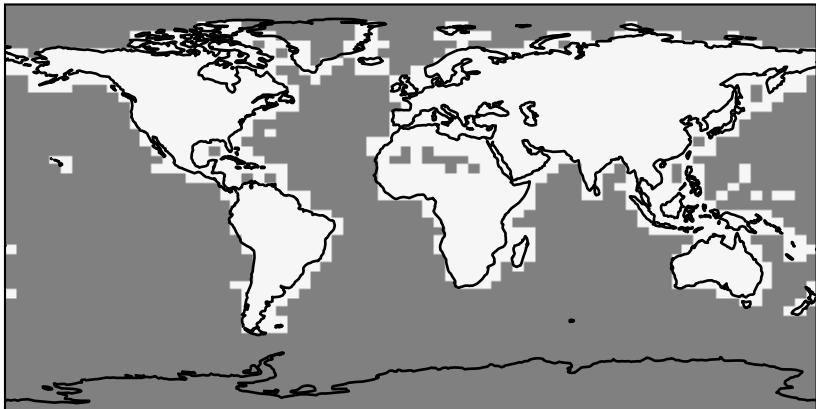
Difference
Dev - Ref, Dynamic Range



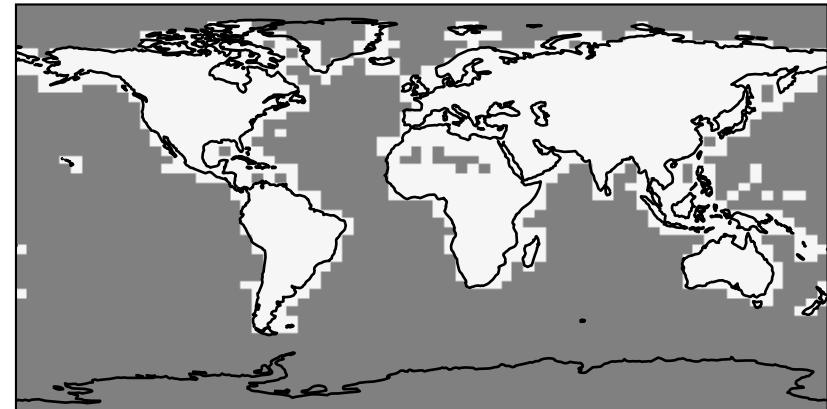
Difference
Dev - Ref, Restricted Range [5%, 95%]



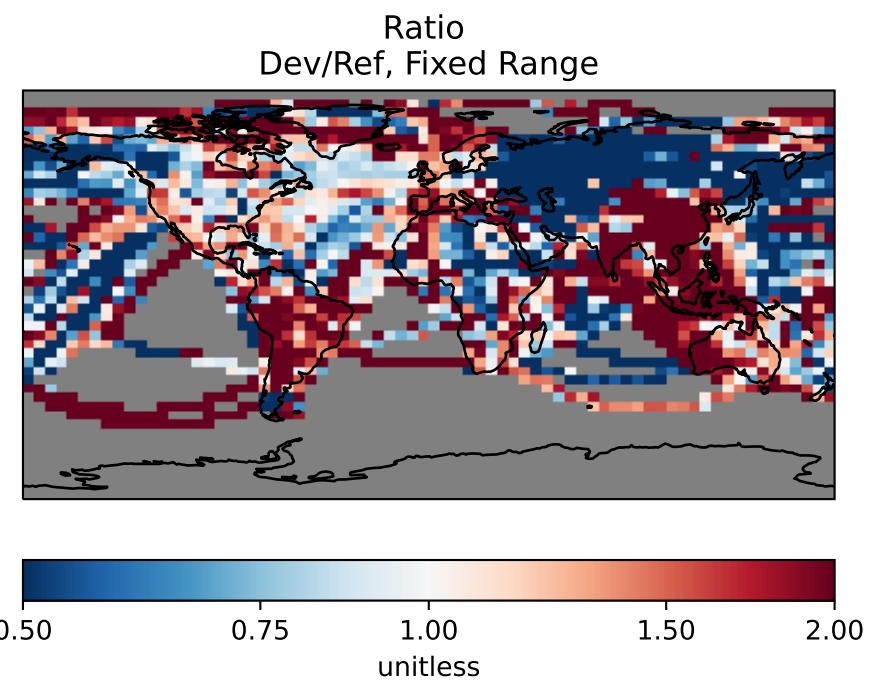
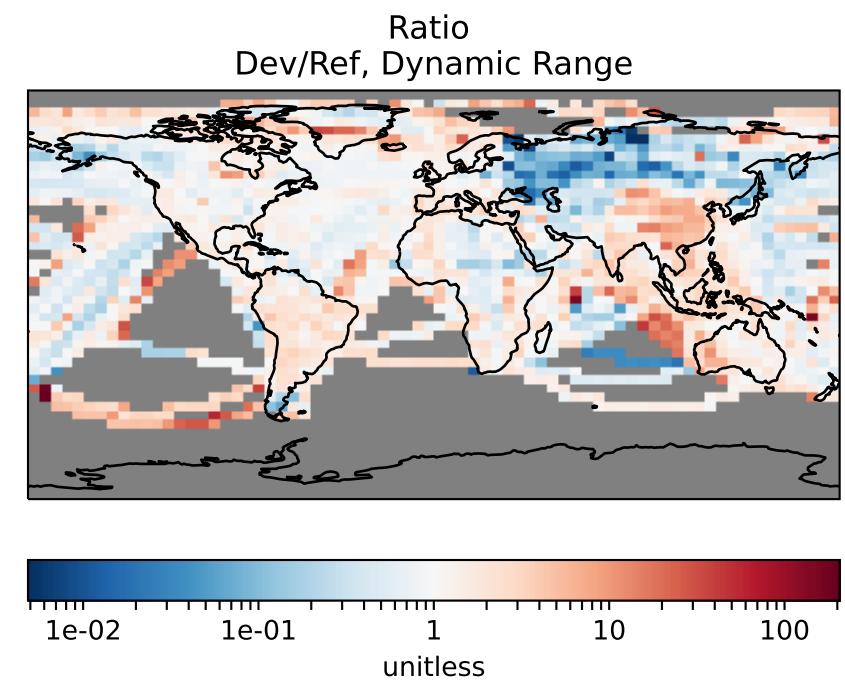
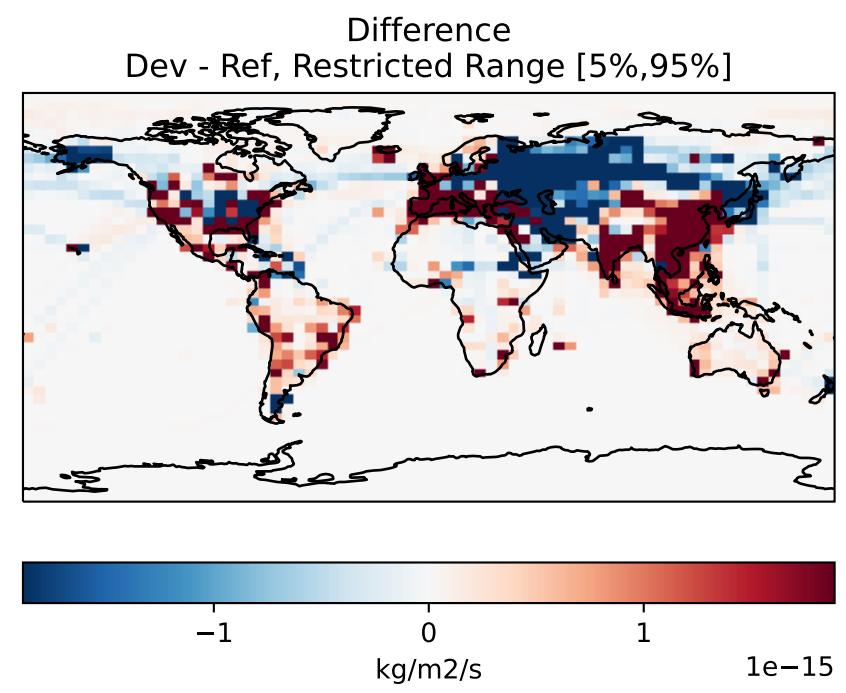
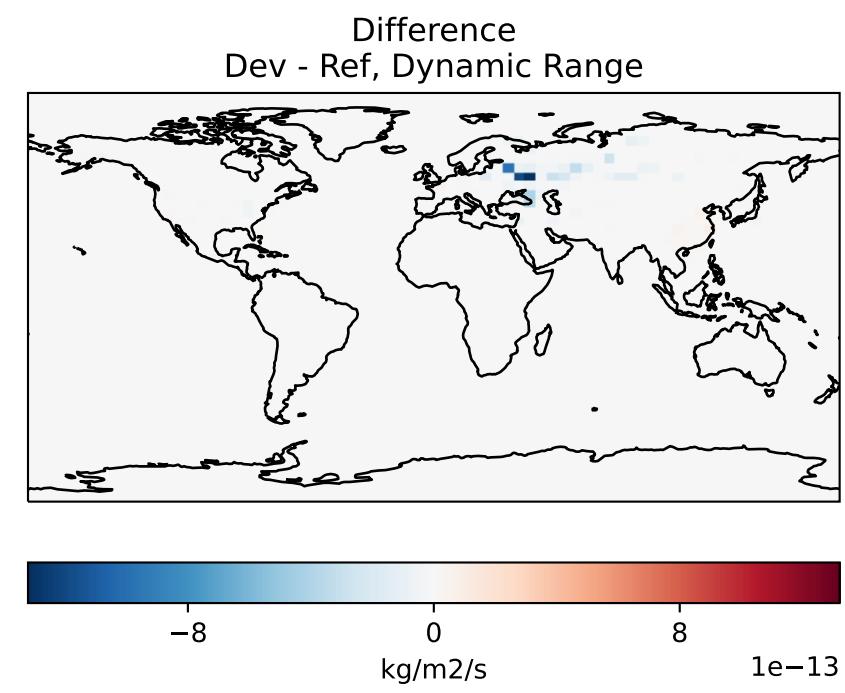
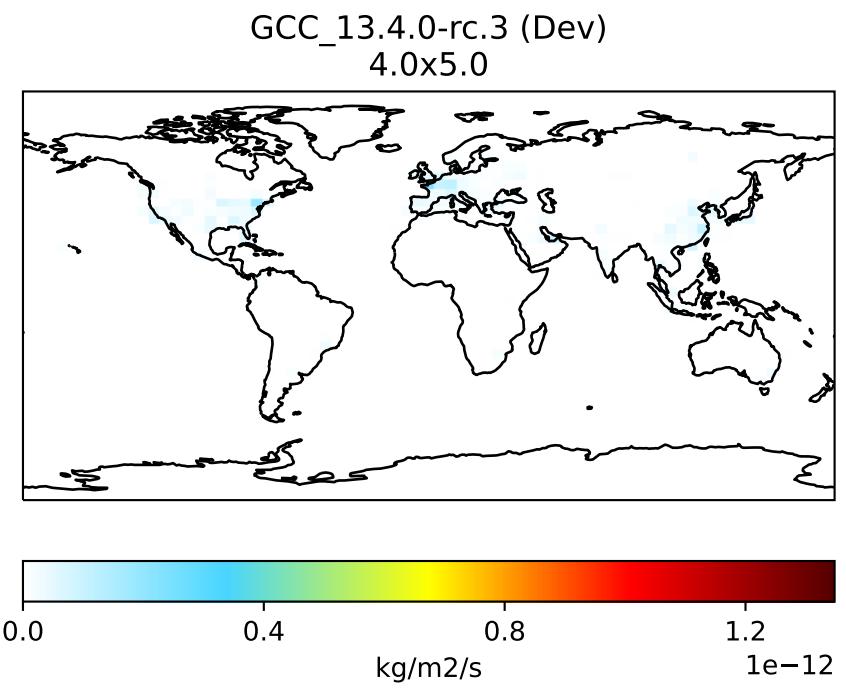
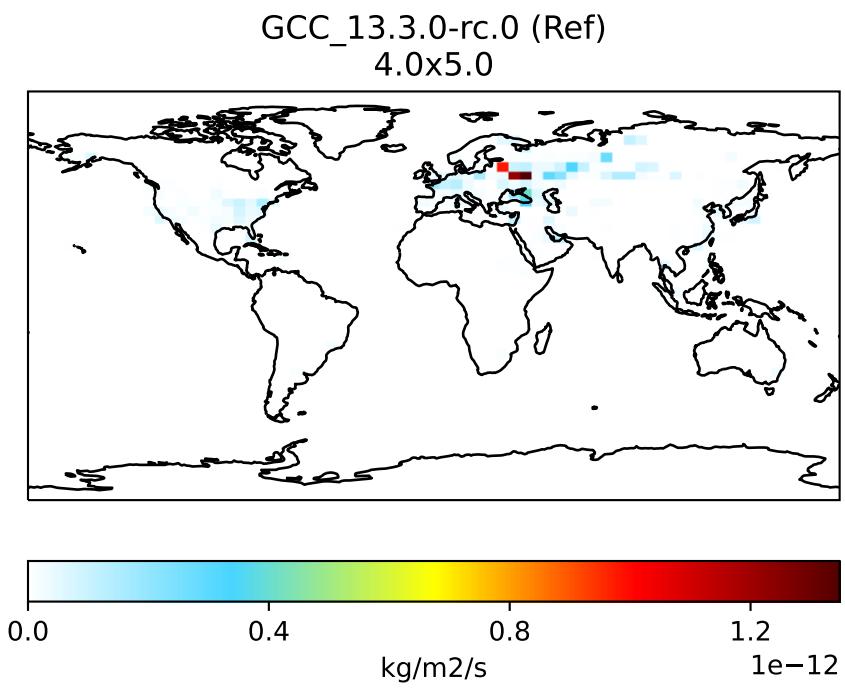
Ratio
Dev/Ref, Dynamic Range



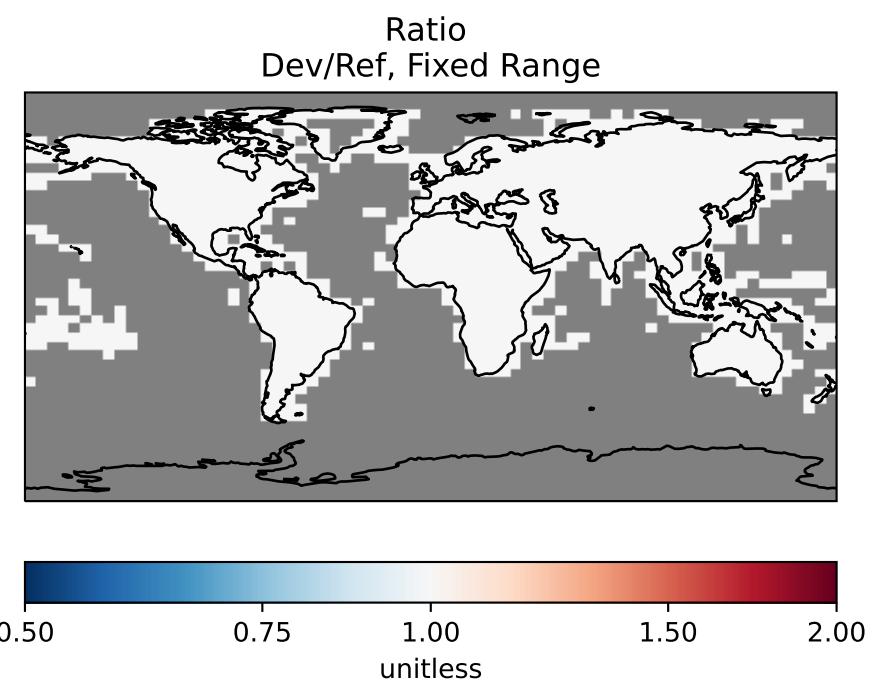
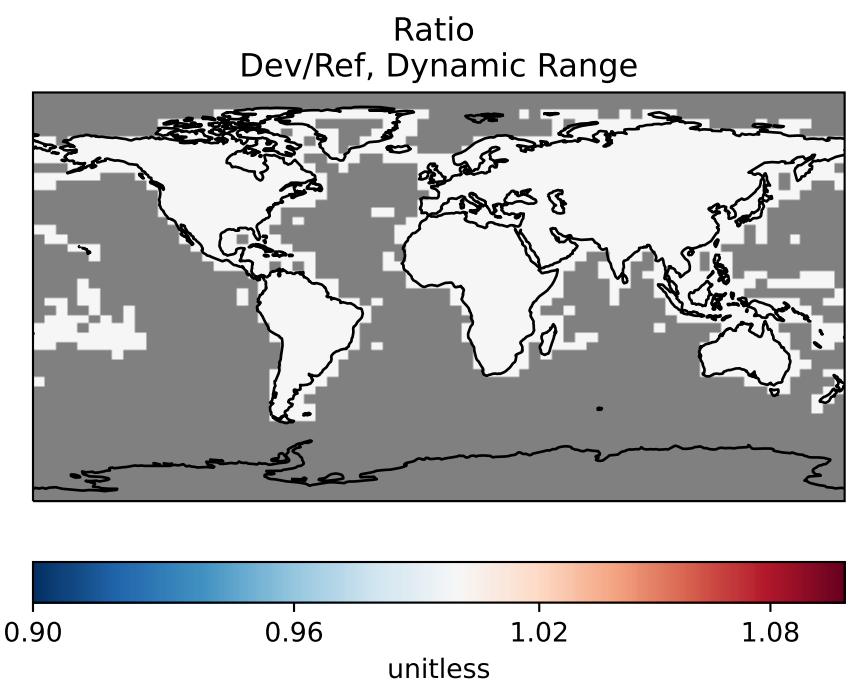
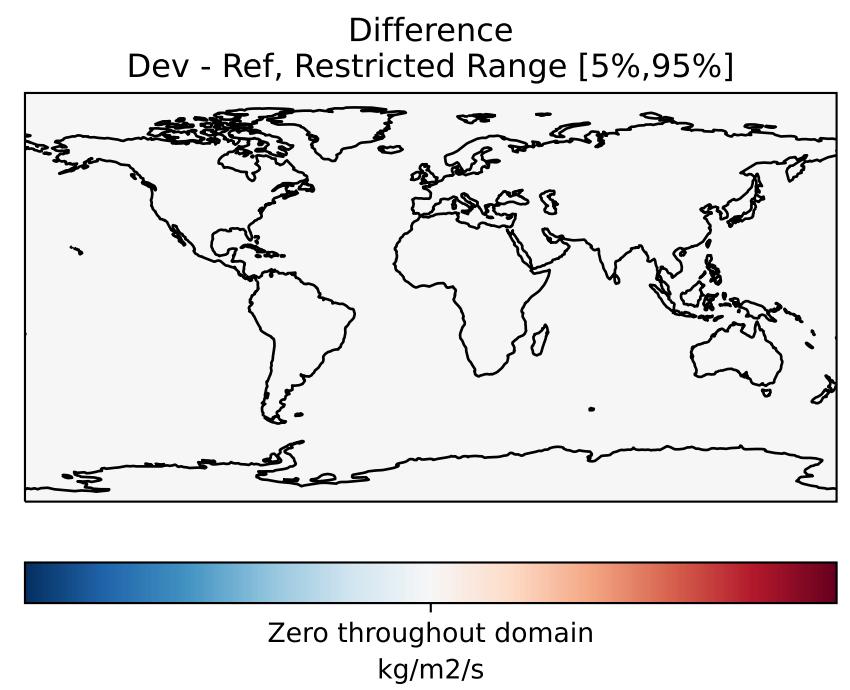
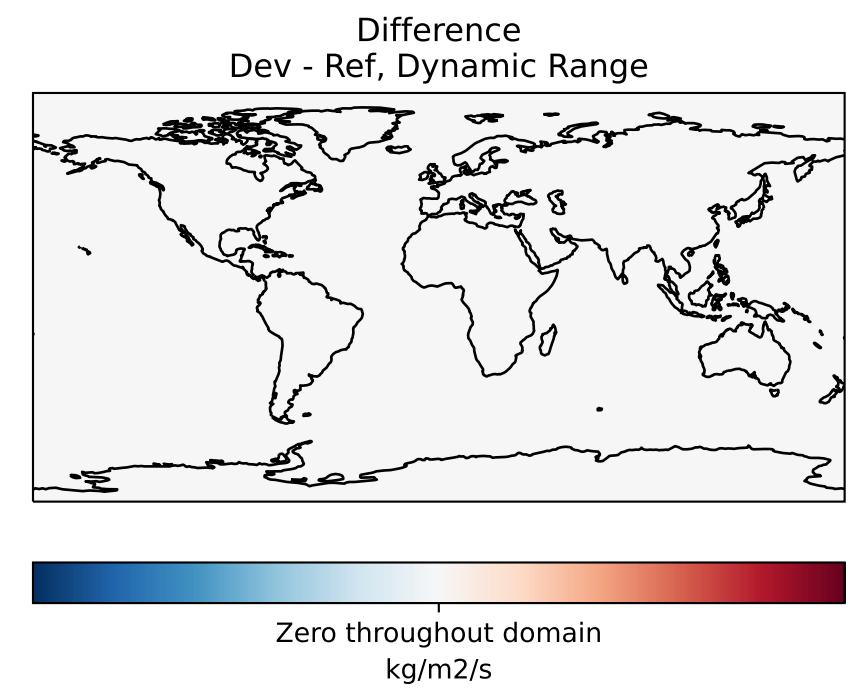
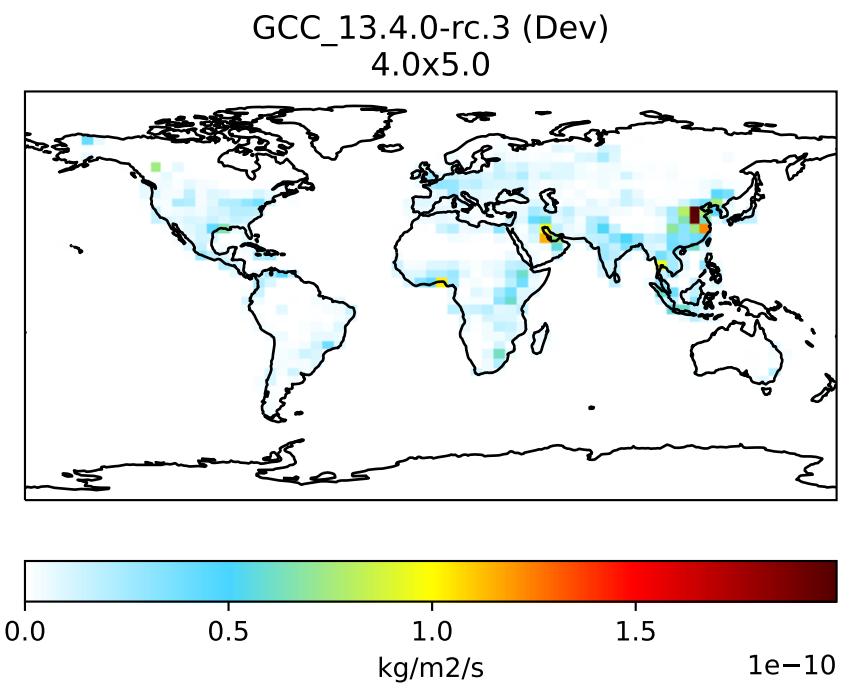
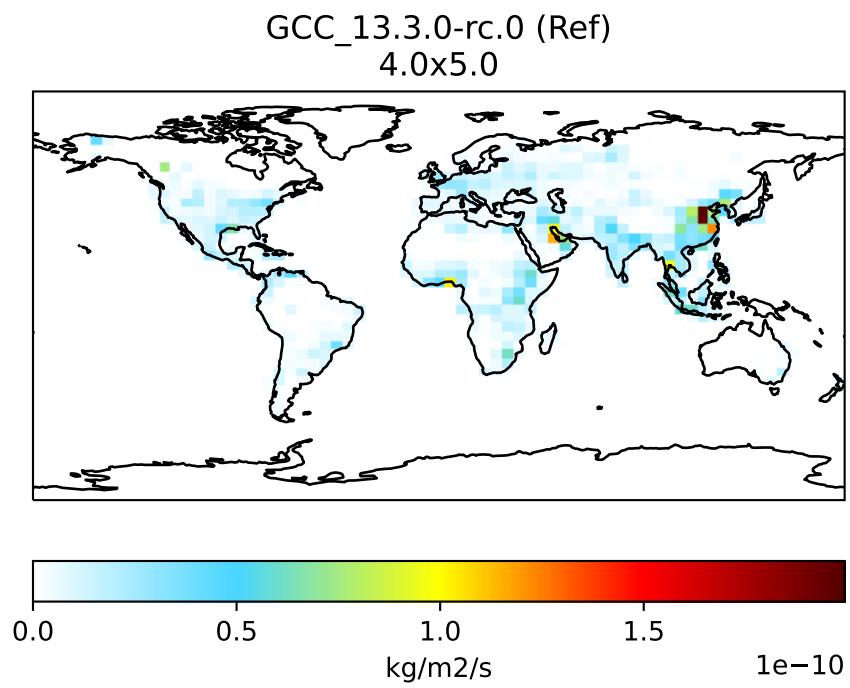
Ratio
Dev/Ref, Fixed Range



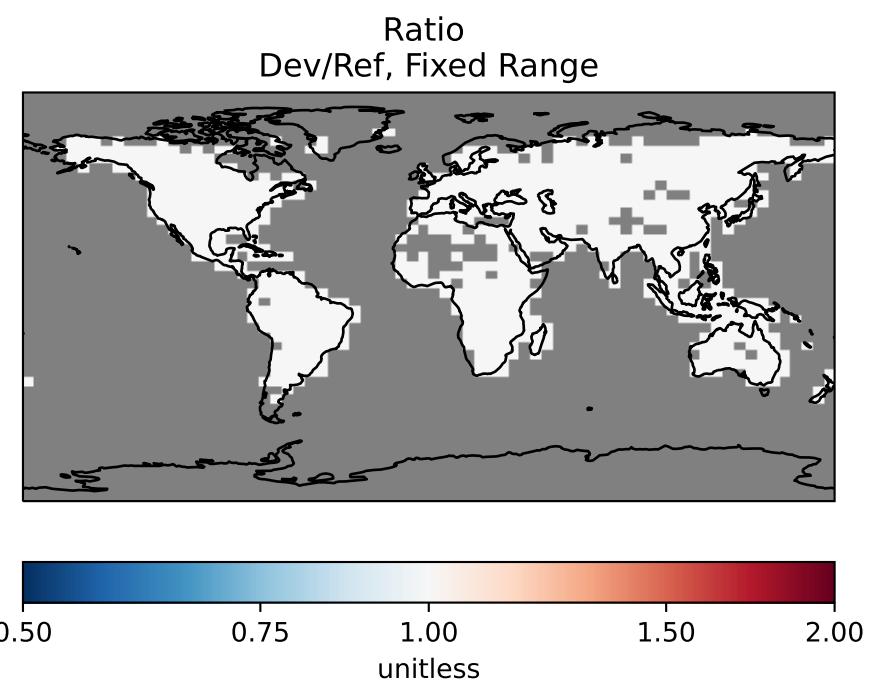
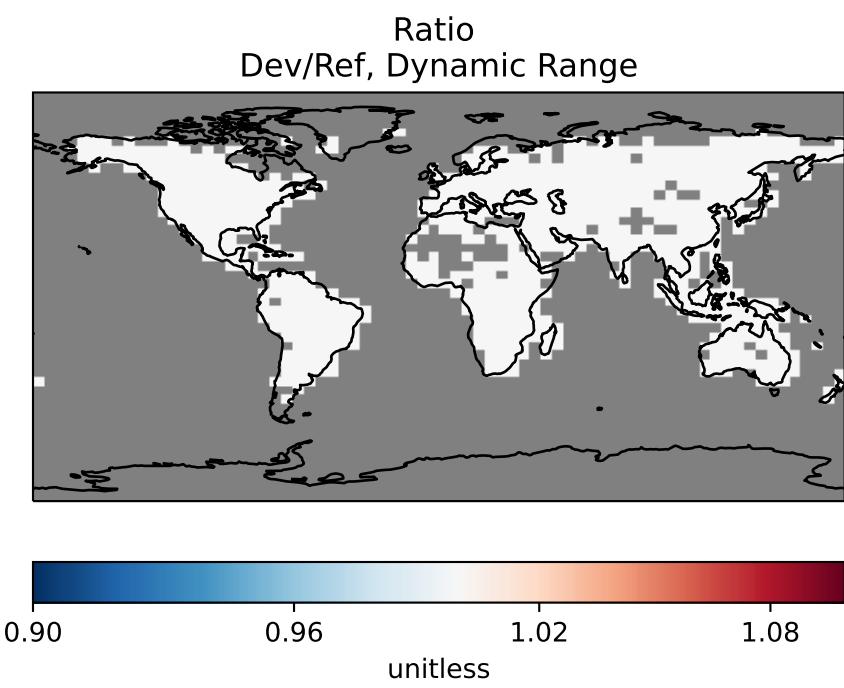
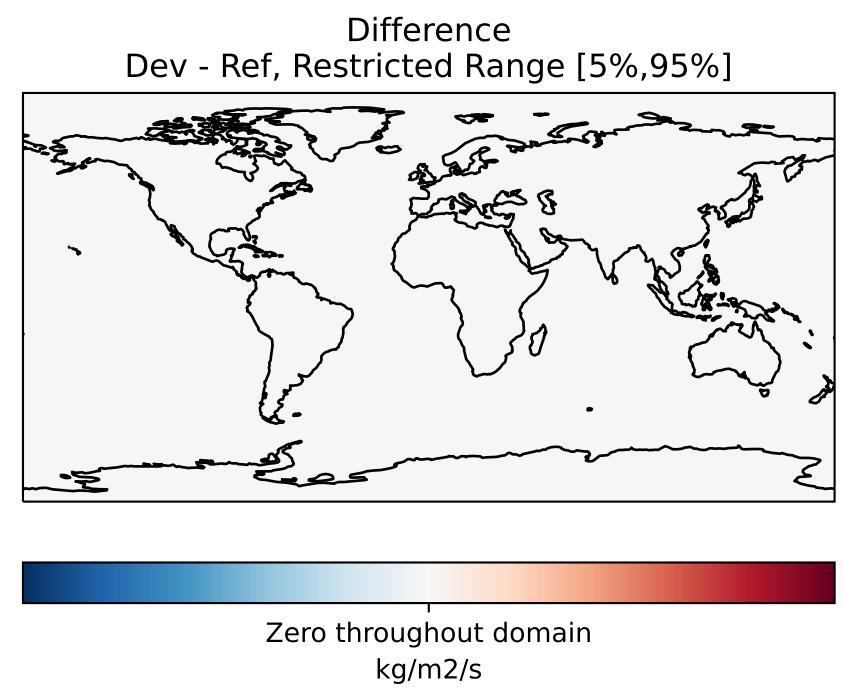
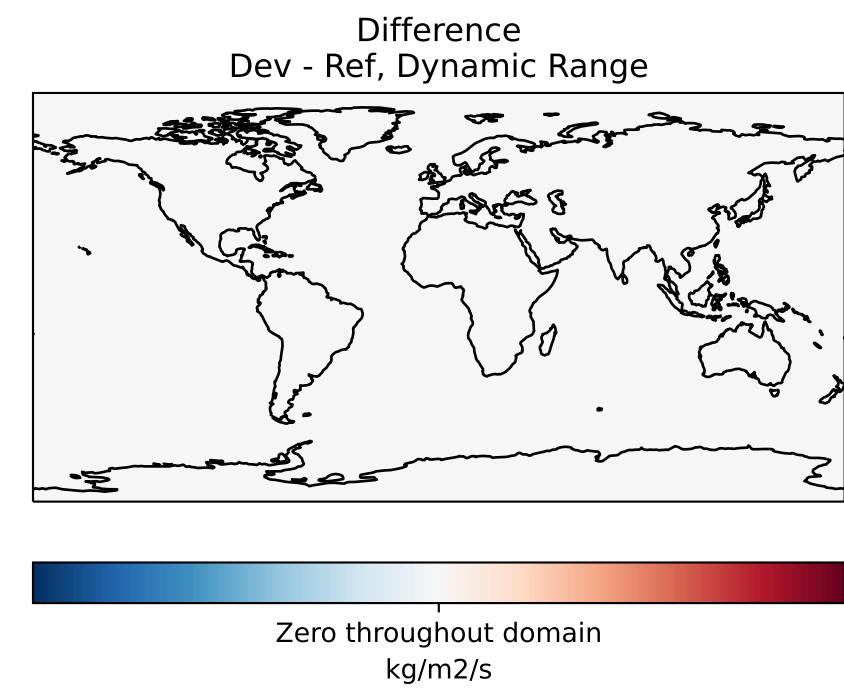
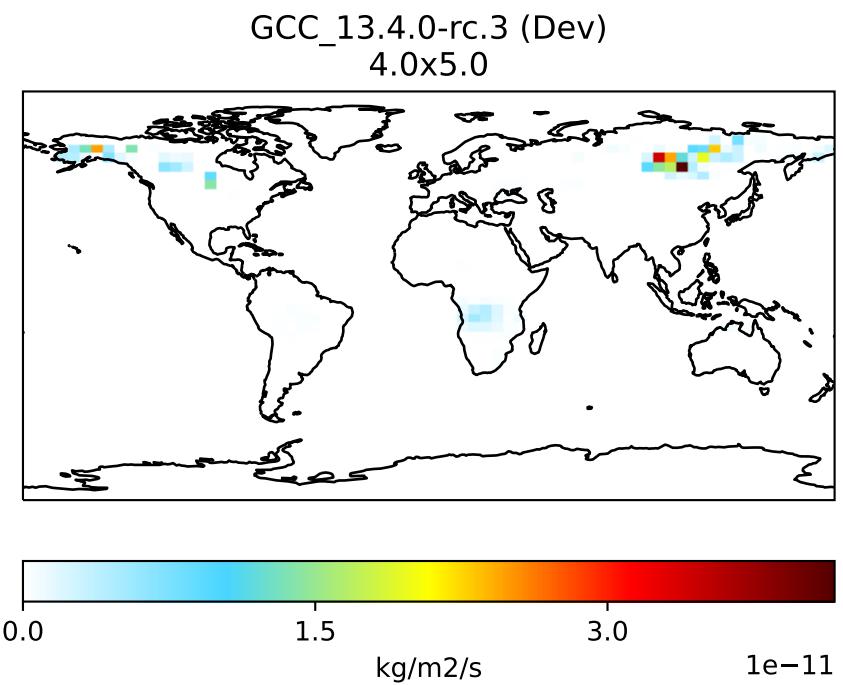
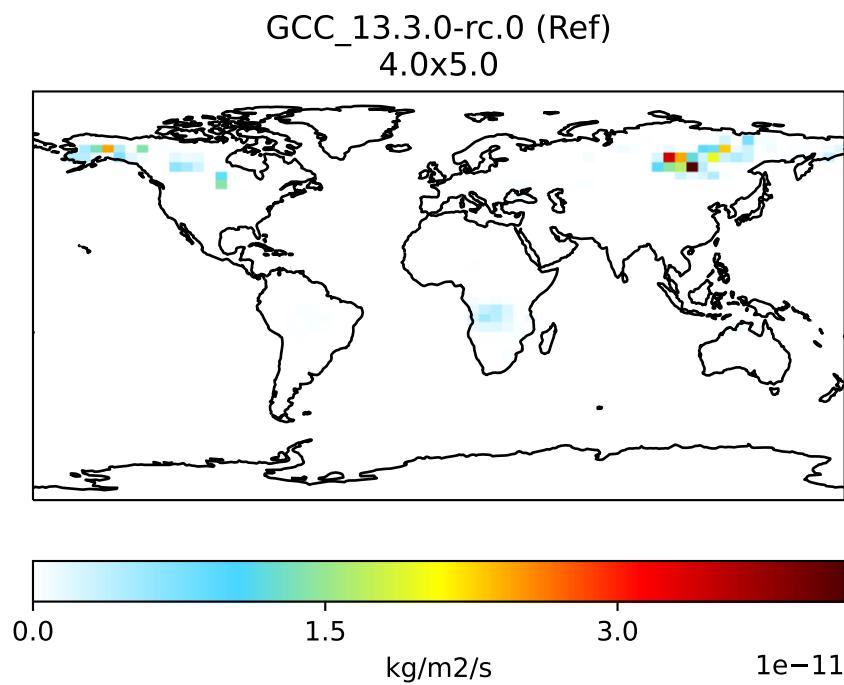
EmisALK4_Aircraft (Jul2019)



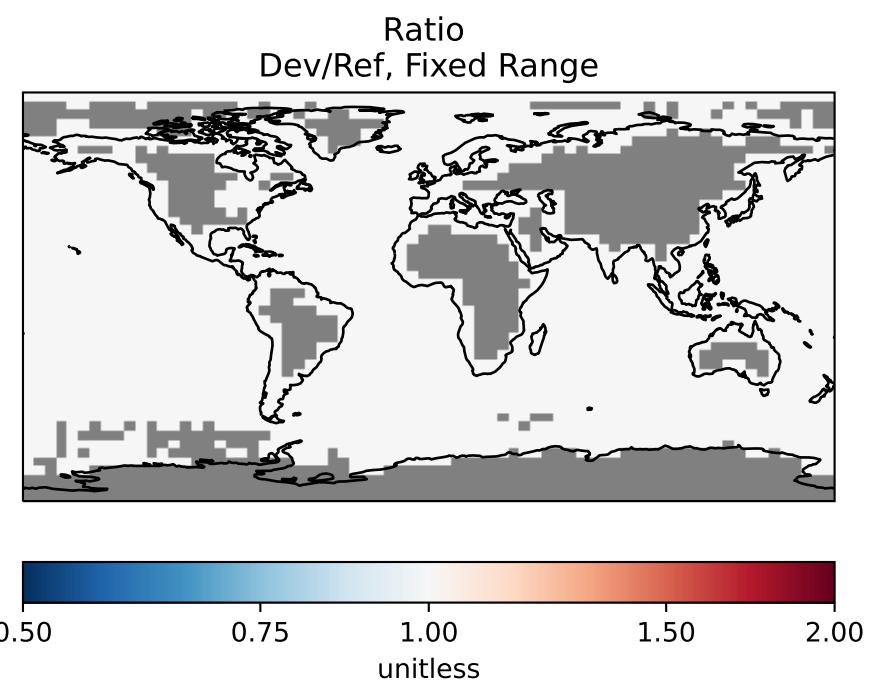
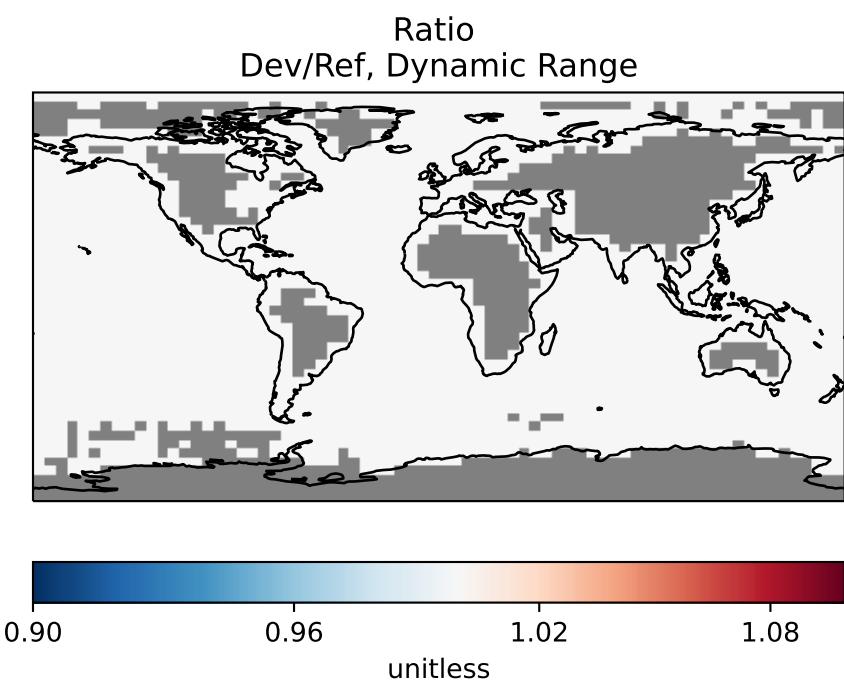
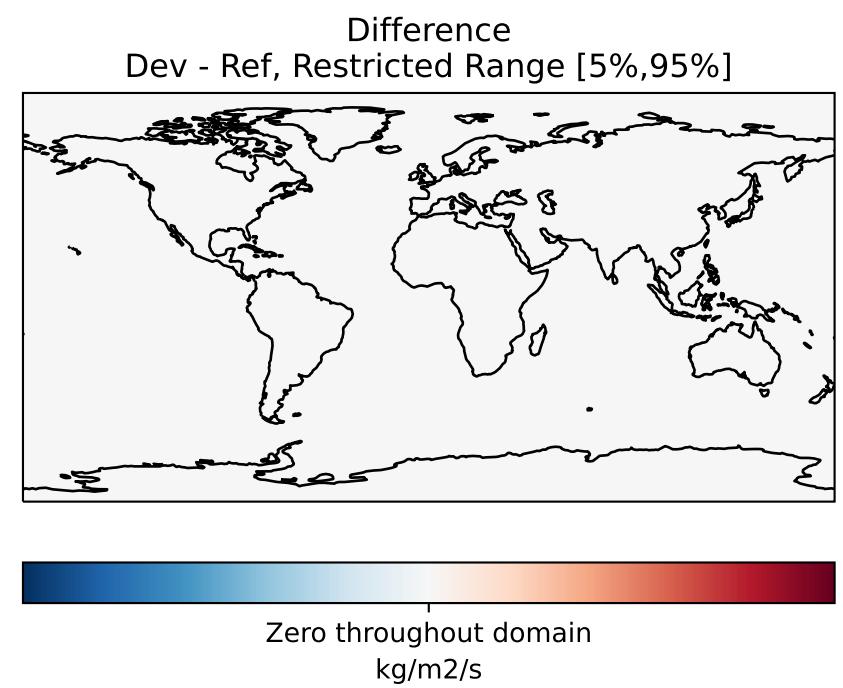
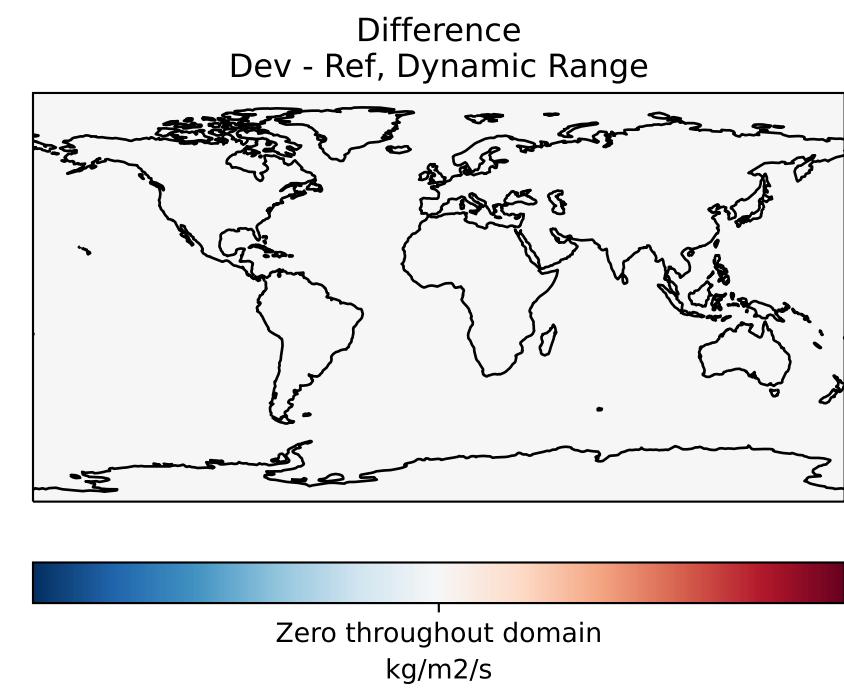
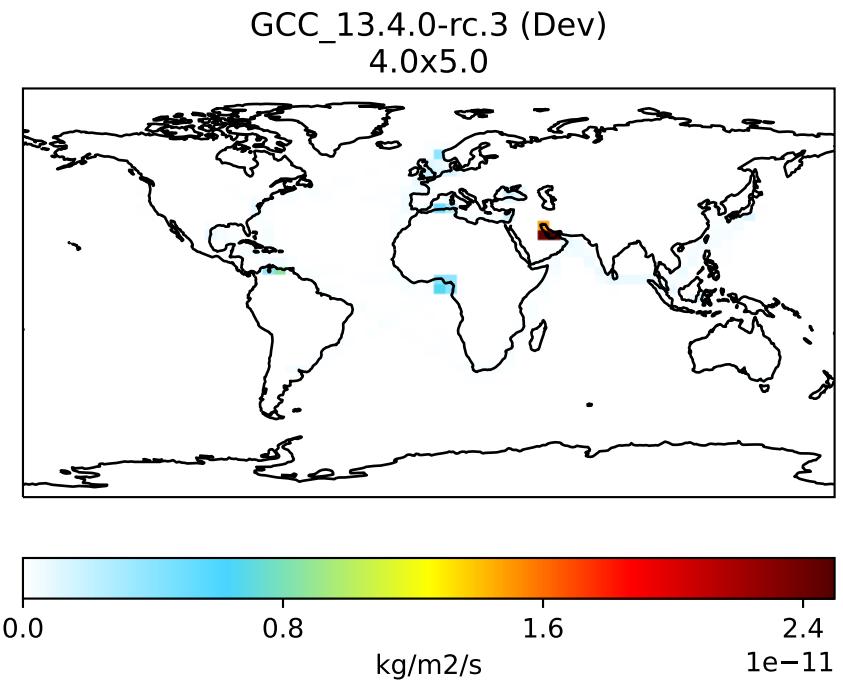
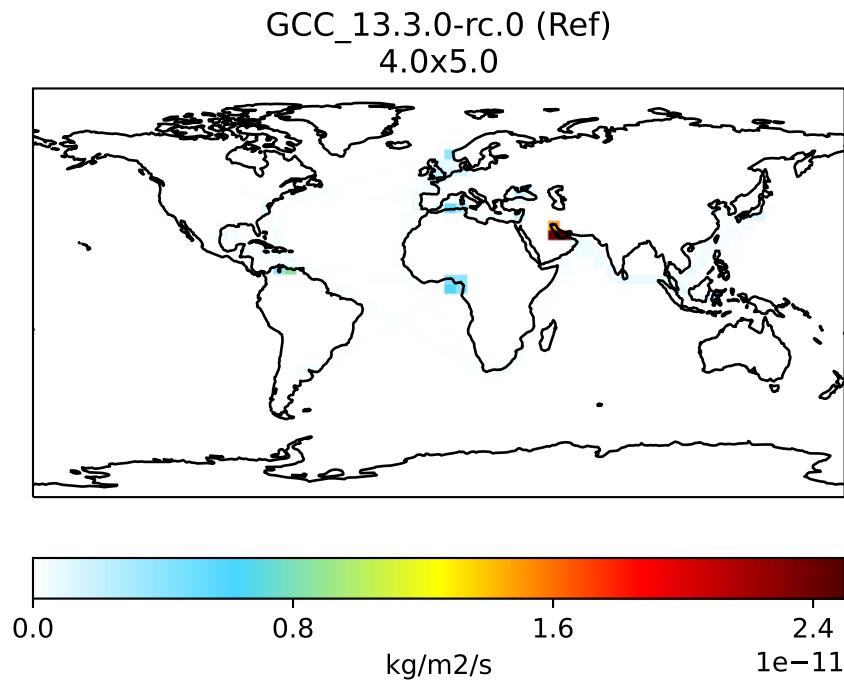
EmisALK4_Anthro (Jul2019)



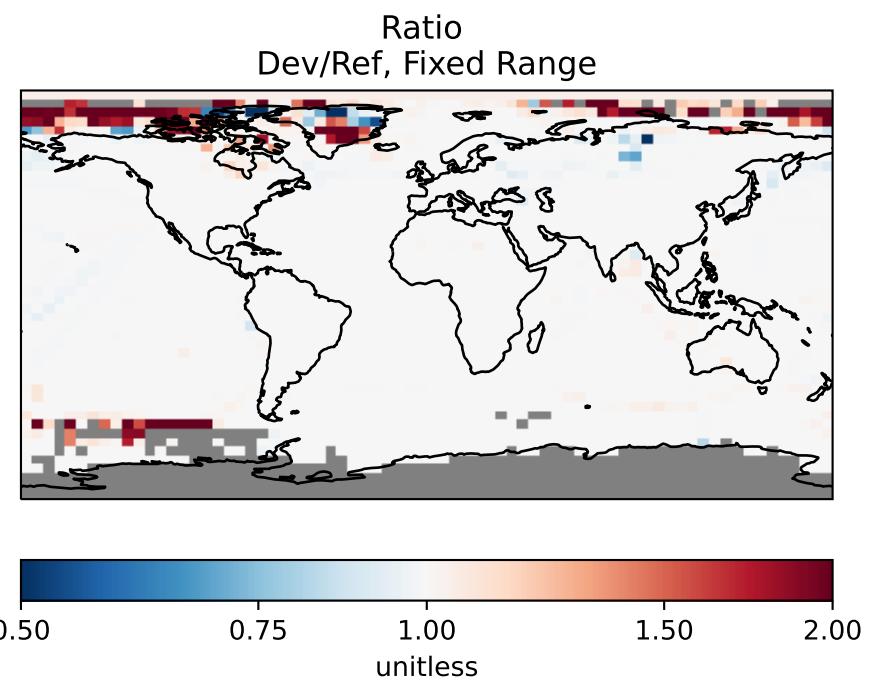
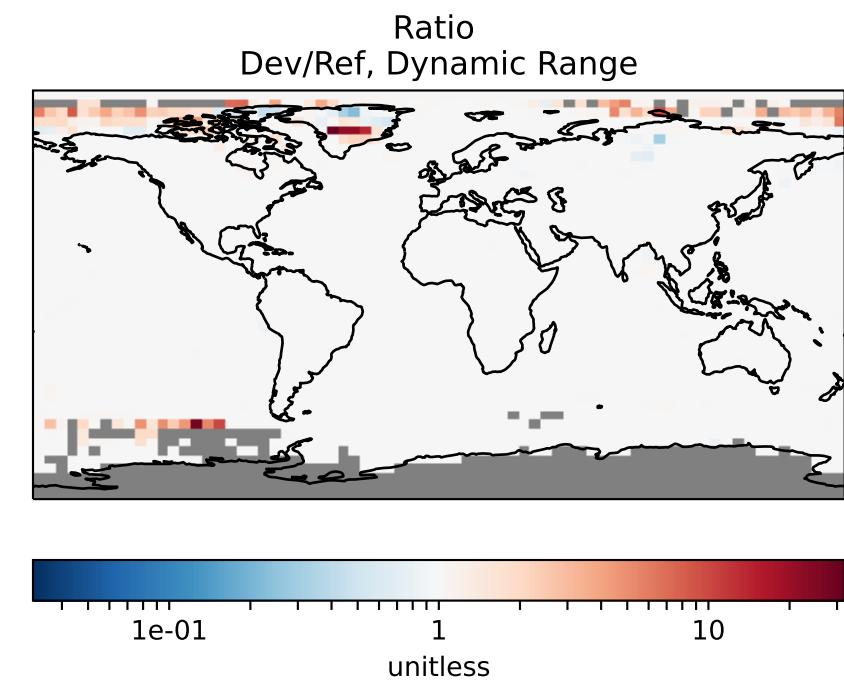
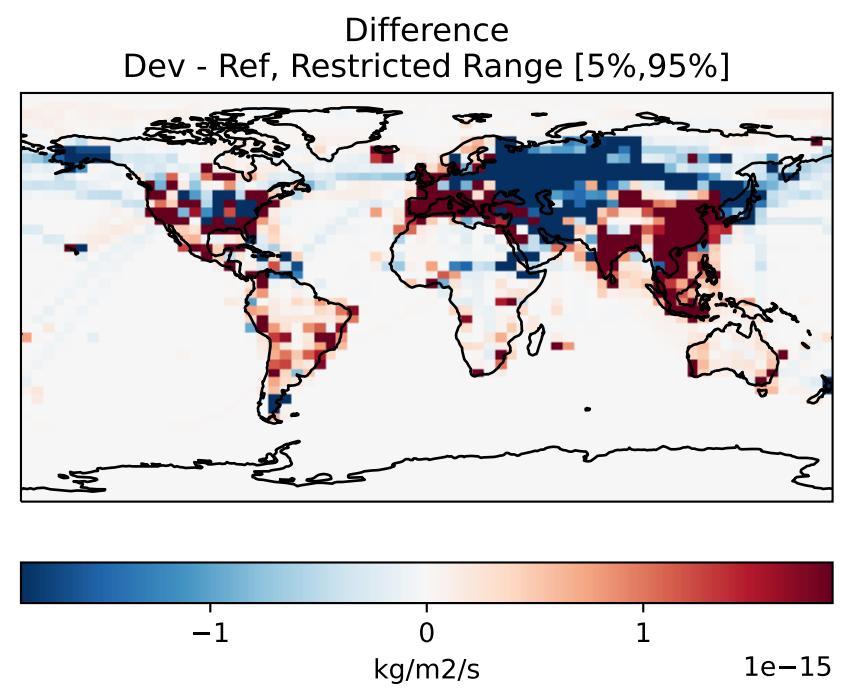
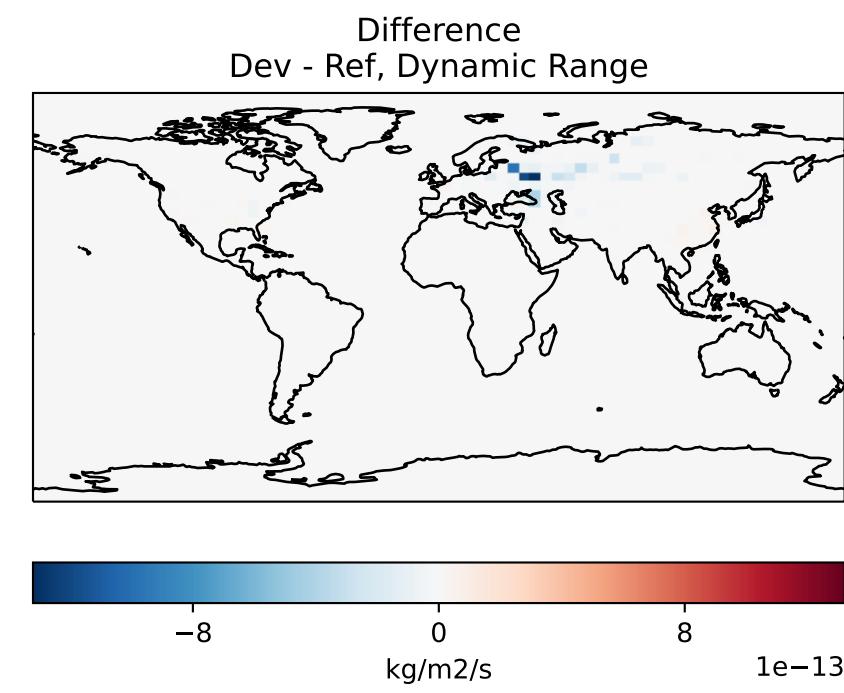
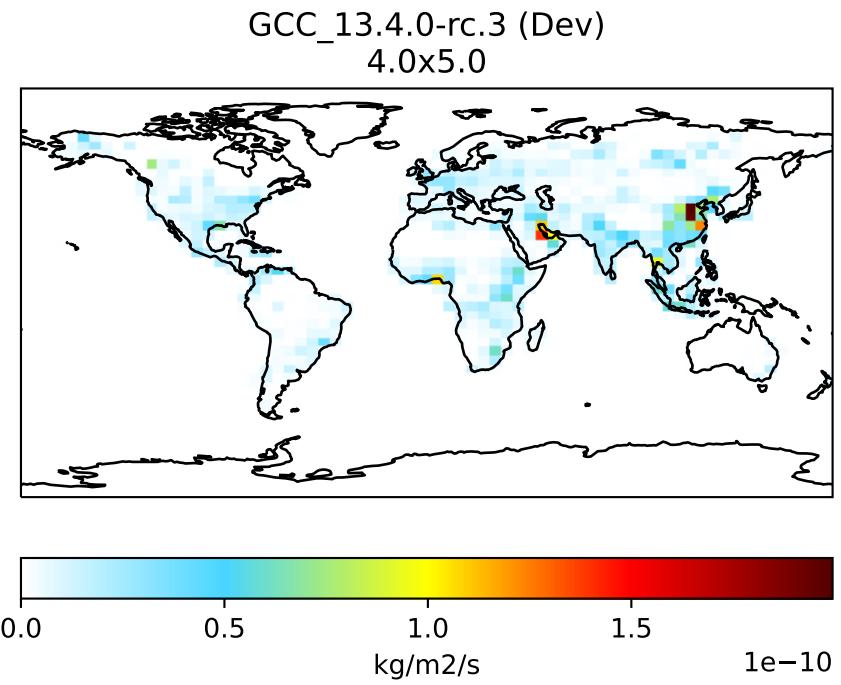
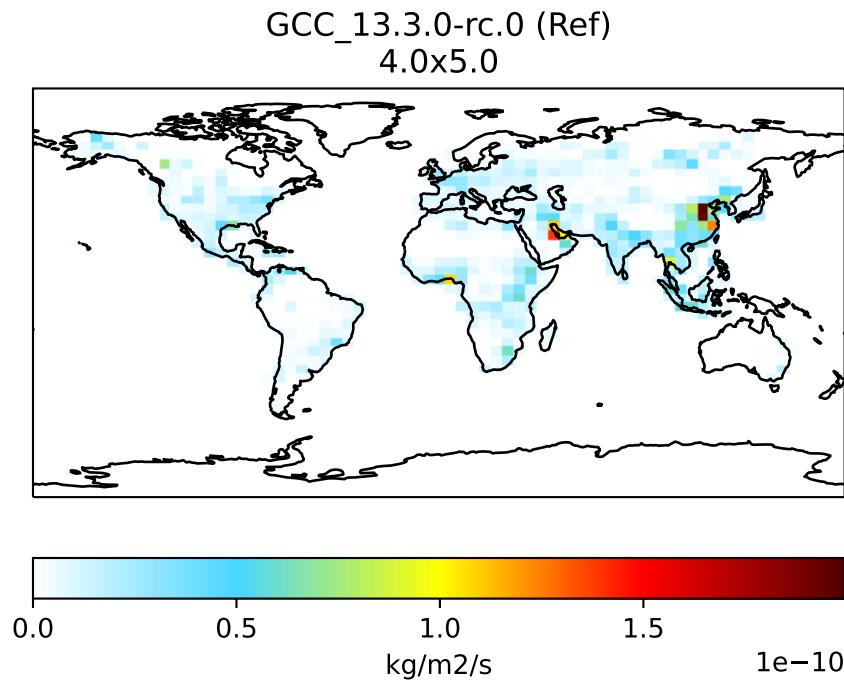
EmisALK4_BioBurn (Jul2019)



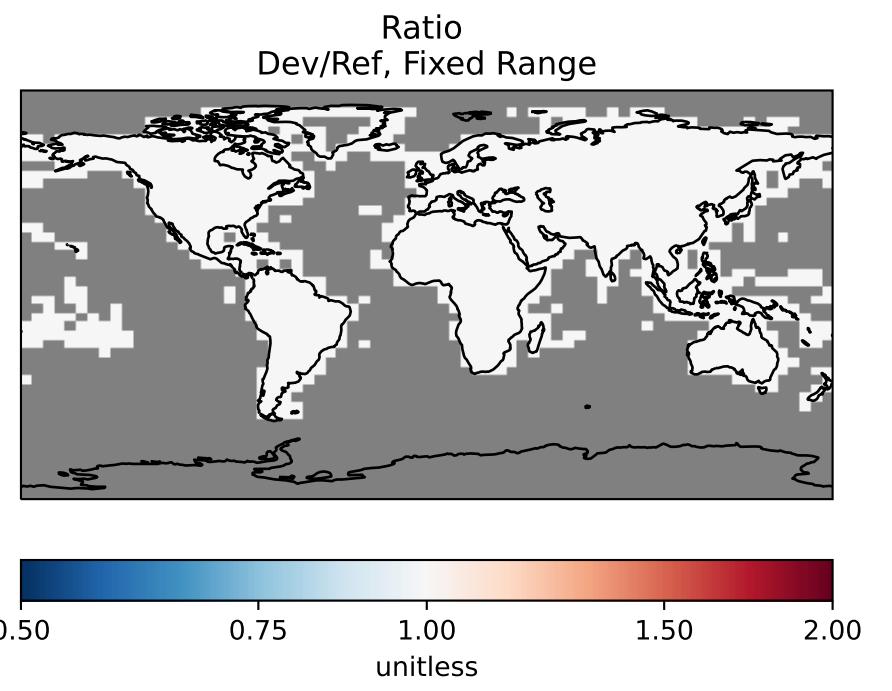
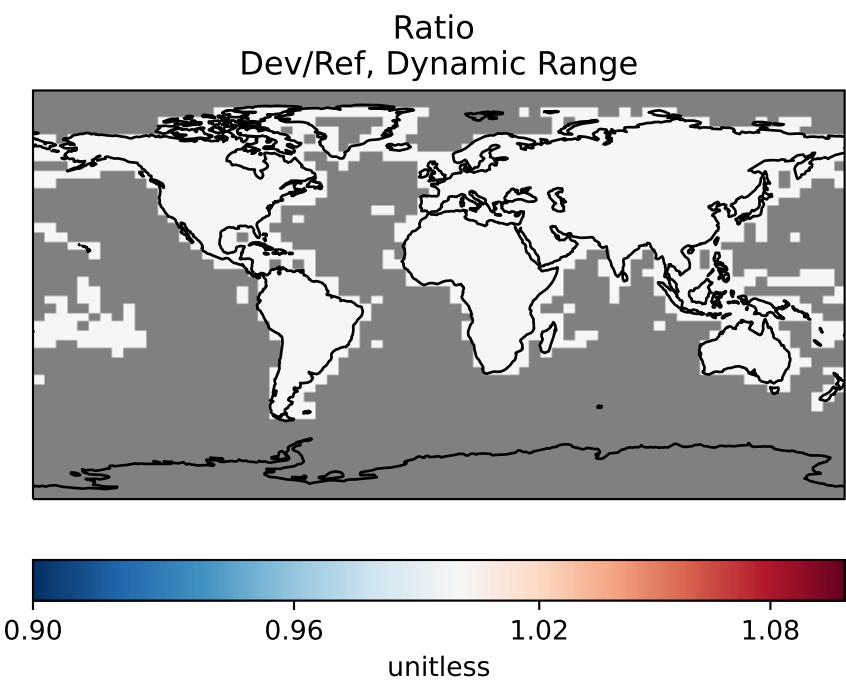
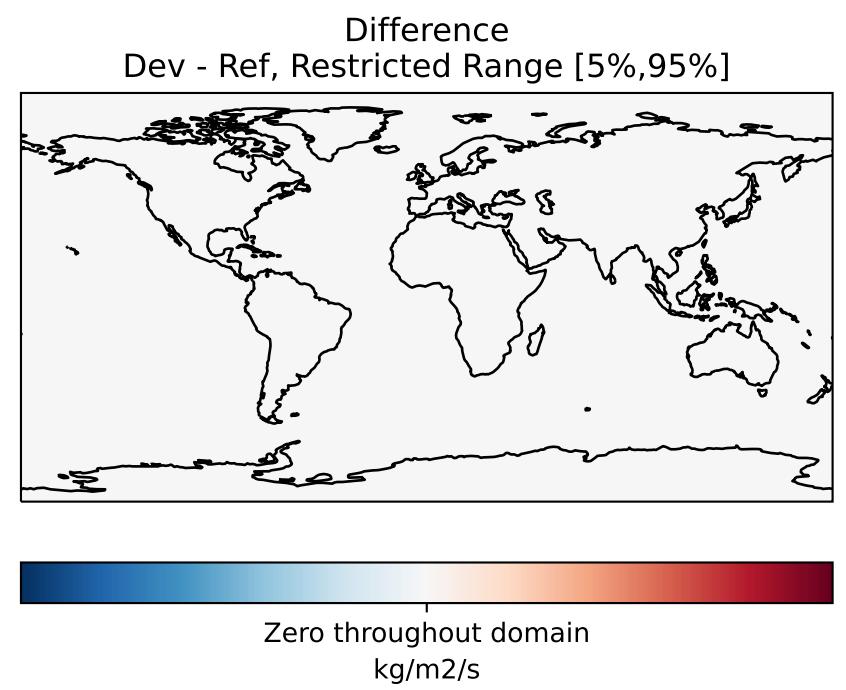
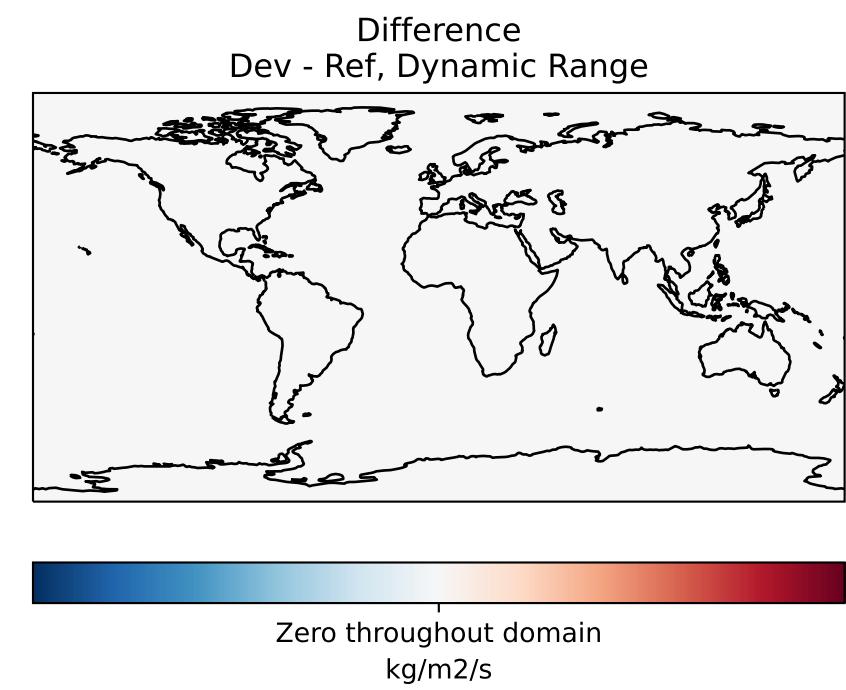
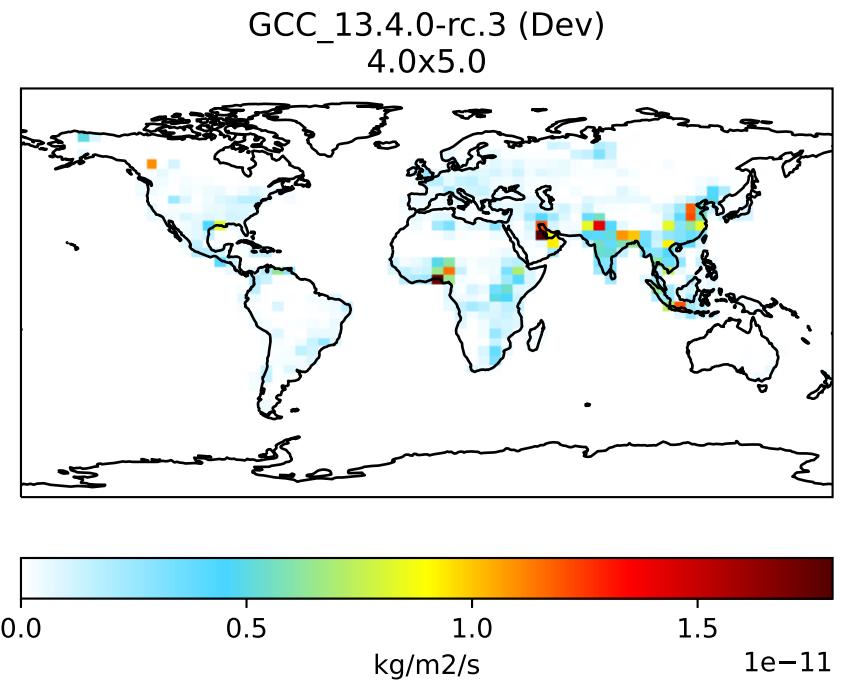
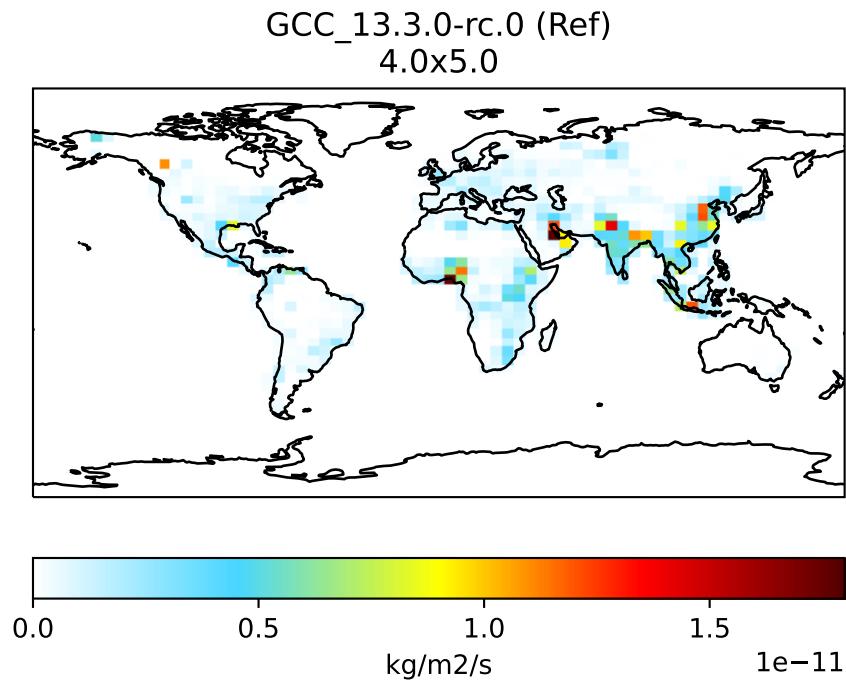
EmisALK4_Ship (Jul2019)



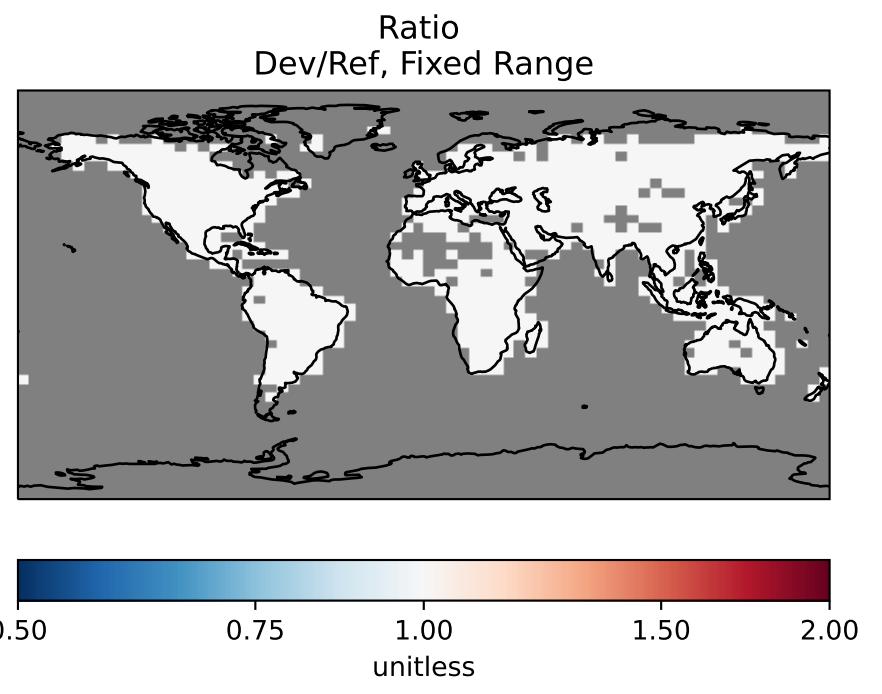
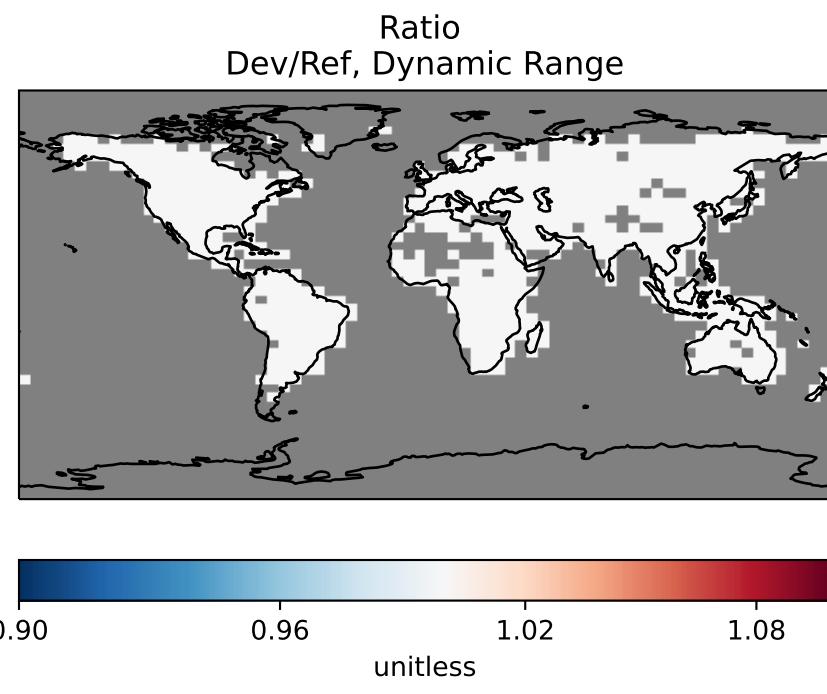
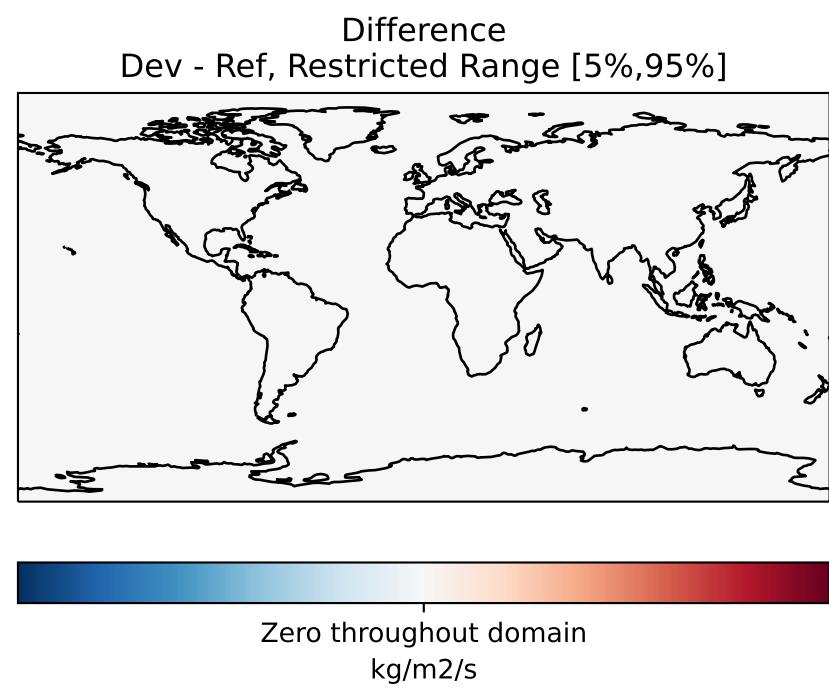
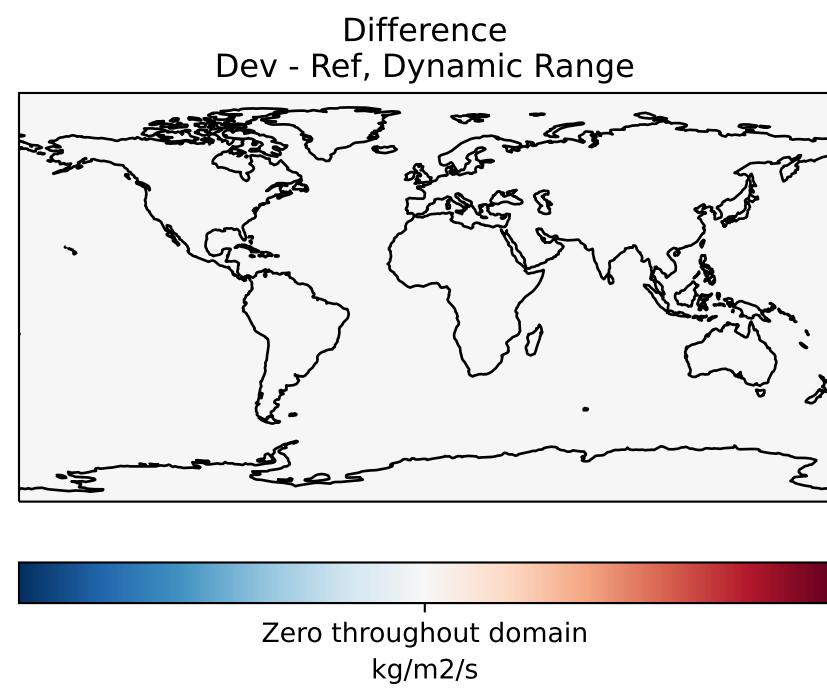
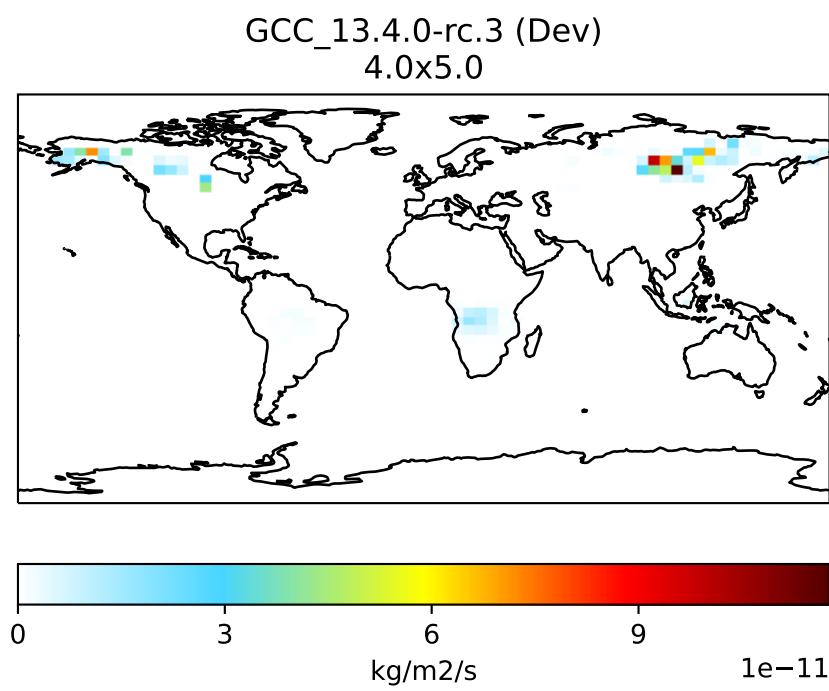
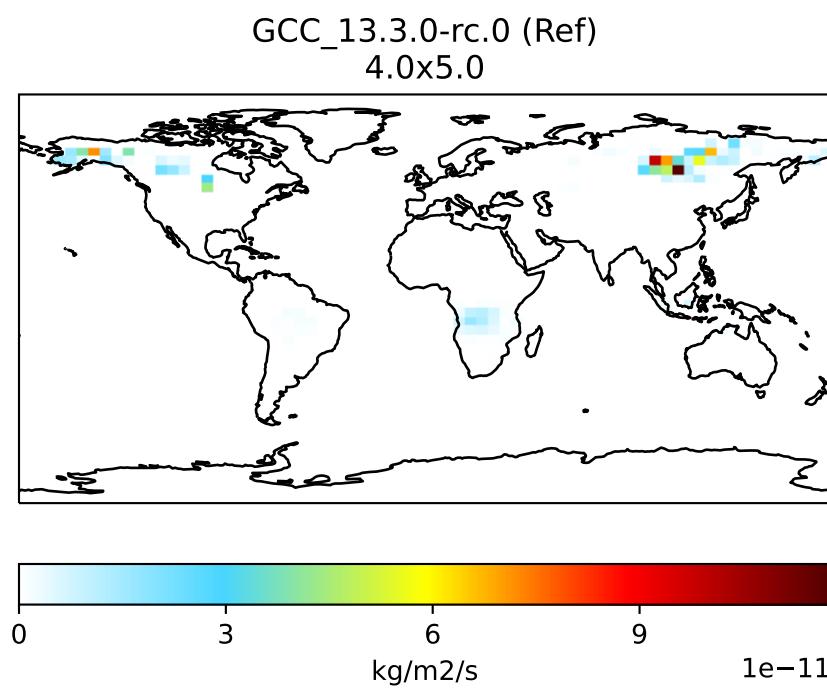
EmisALK4_Total (Jul2019)



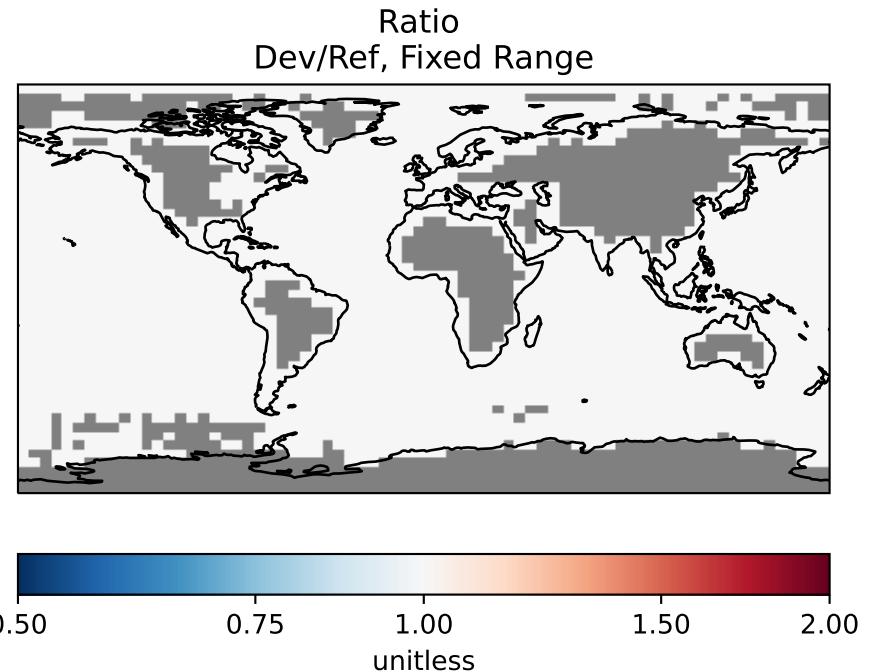
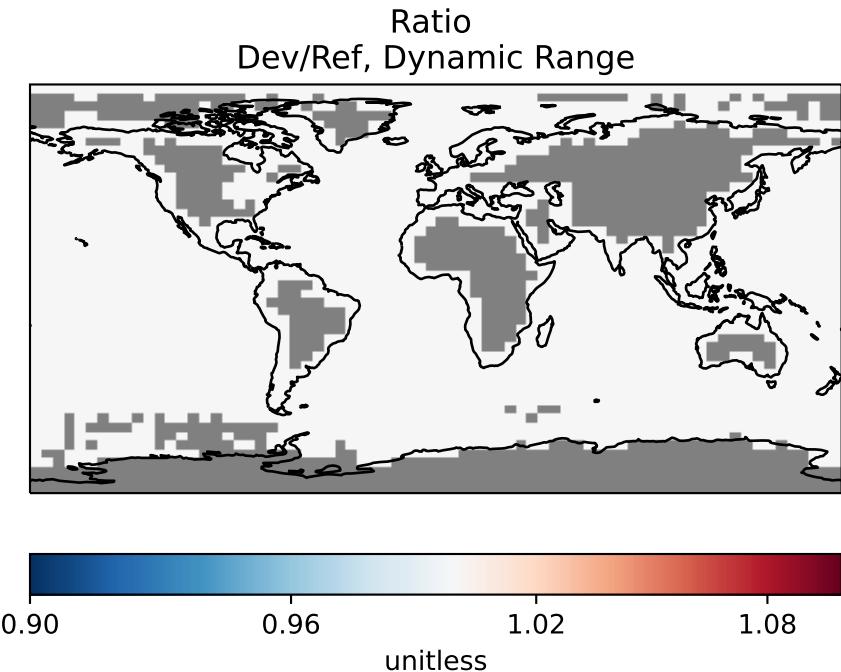
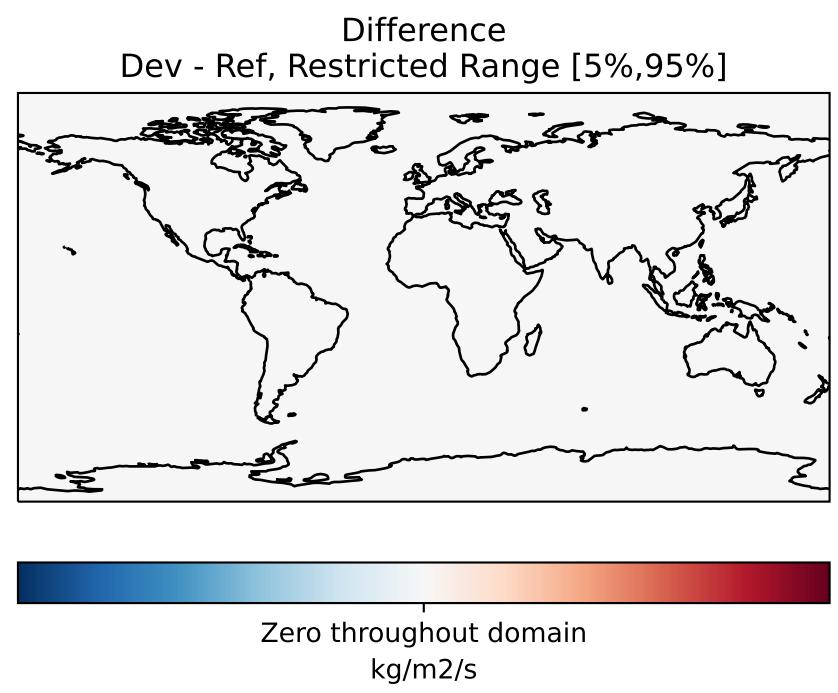
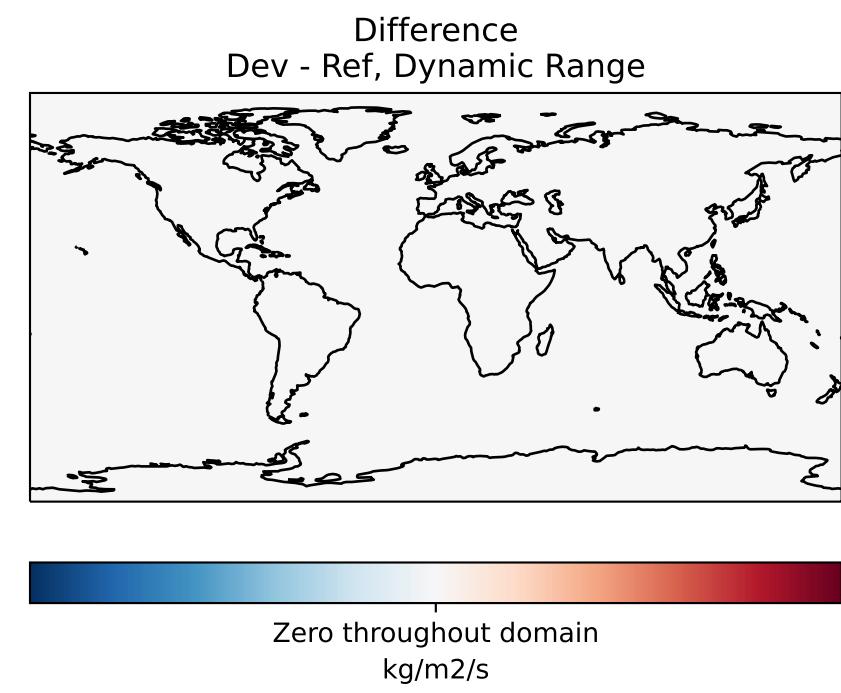
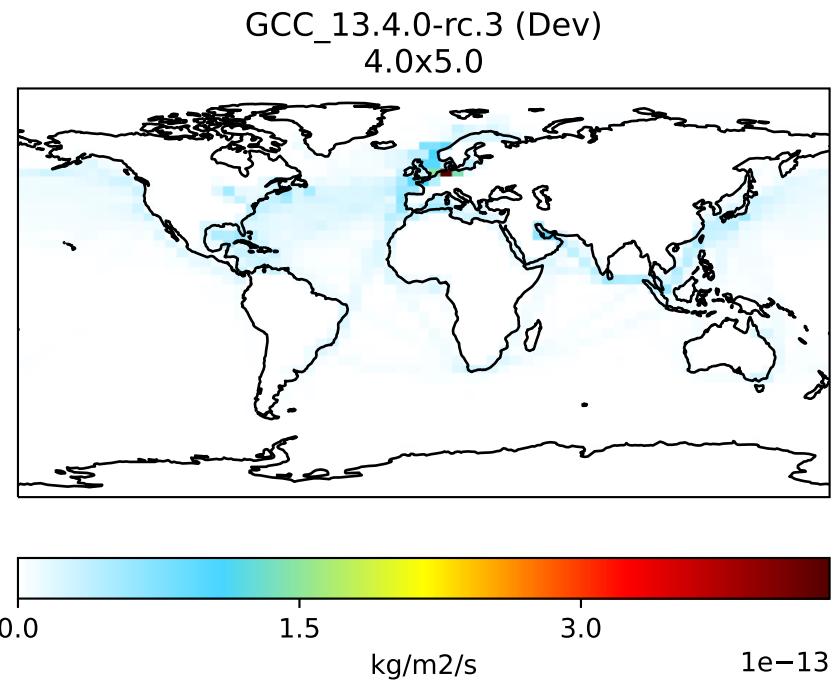
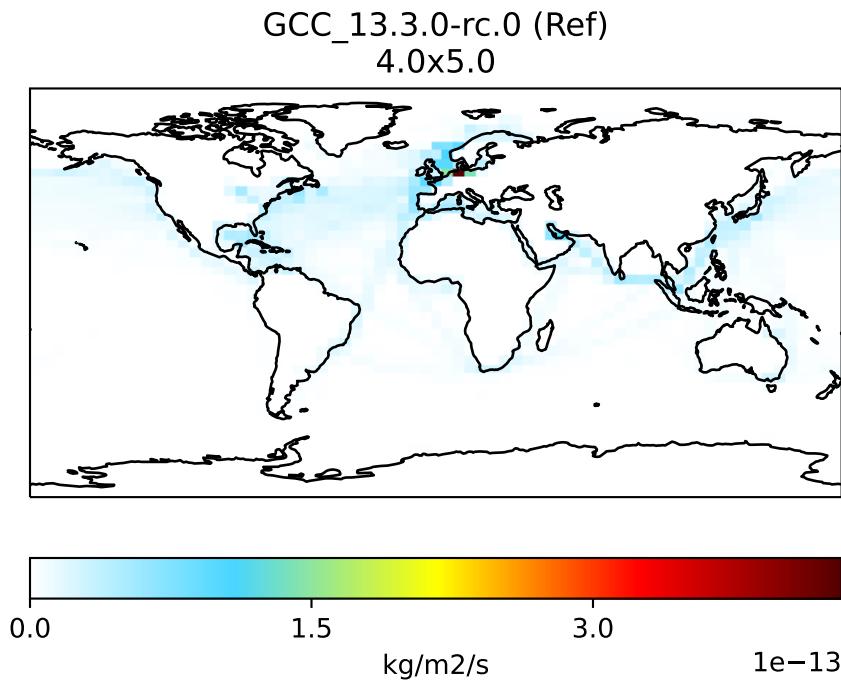
EmisBENZ_Anthro (Jul2019)



EmisBENZ_BioBurn (Jul2019)

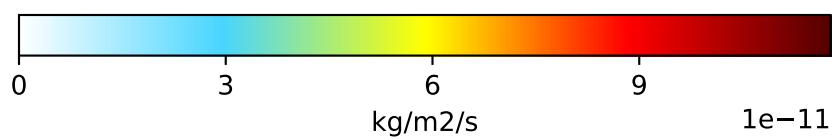
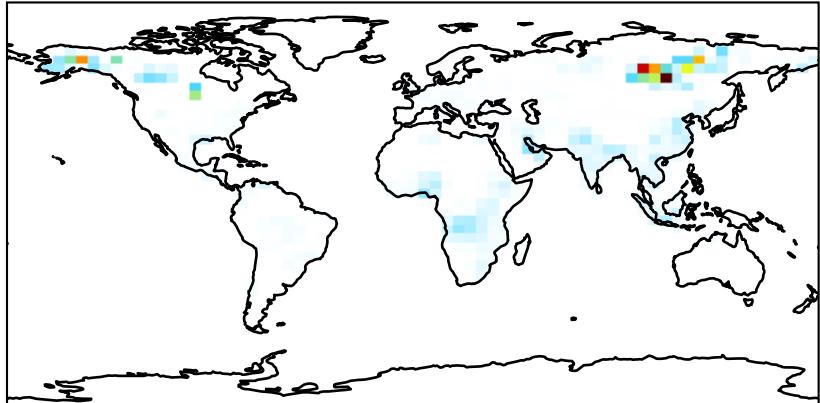


EmisBENZ_Ship (Jul2019)

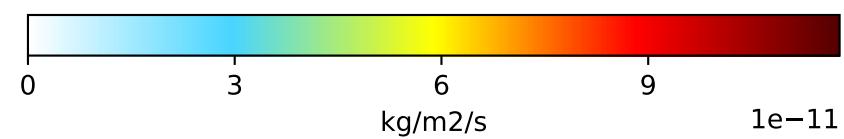
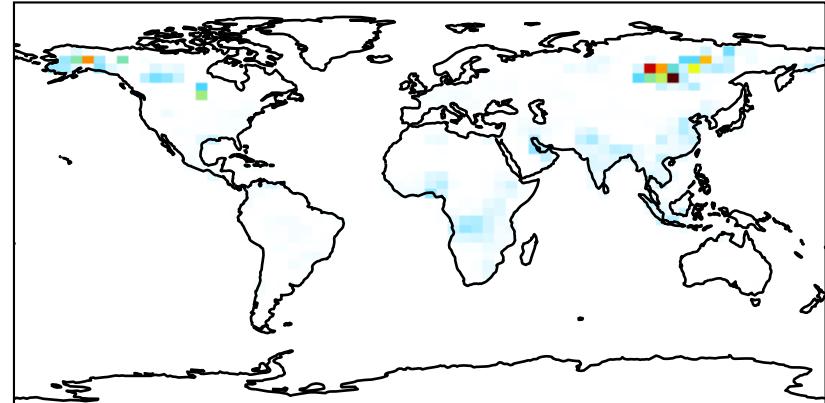


EmisBENZ_Total (Jul2019)

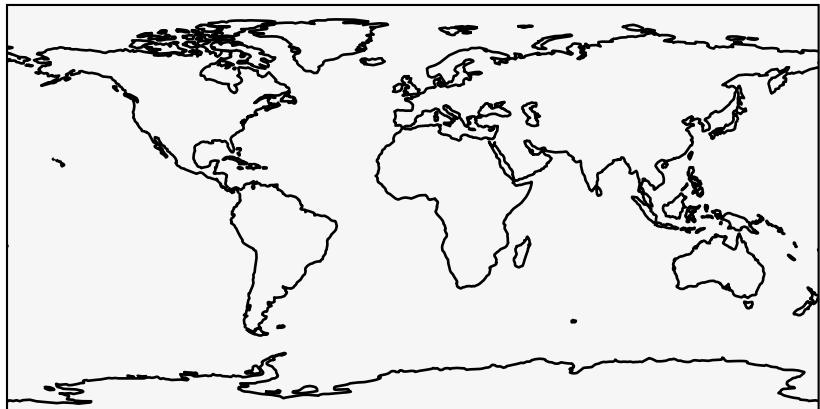
GCC_13.3.0-rc.0 (Ref)
4.0x5.0



GCC_13.4.0-rc.3 (Dev)
4.0x5.0

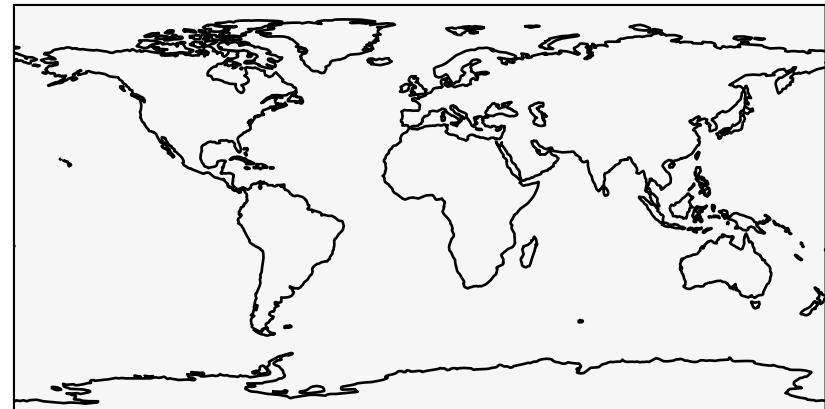


Difference
Dev - Ref, Dynamic Range



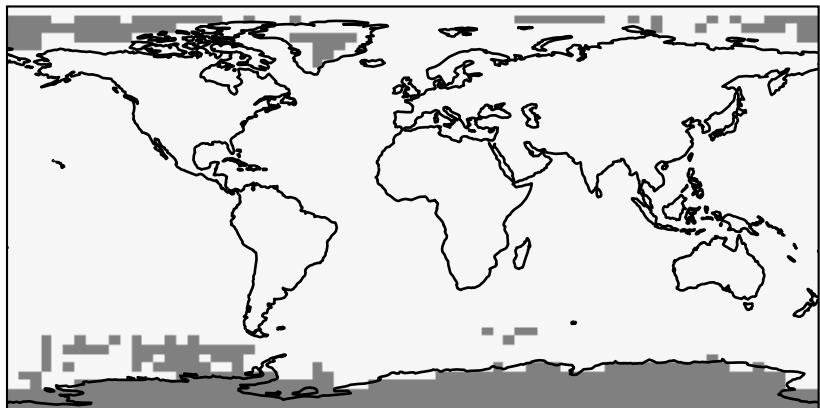
Zero throughout domain
kg/m²/s

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



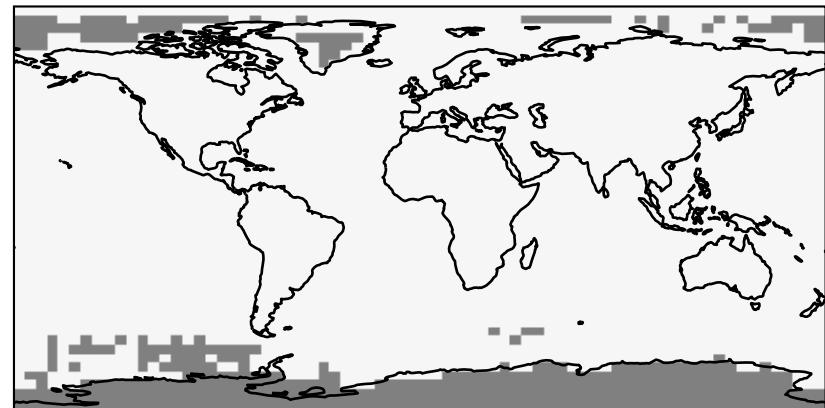
Zero throughout domain
kg/m²/s

Ratio
Dev/Ref, Dynamic Range



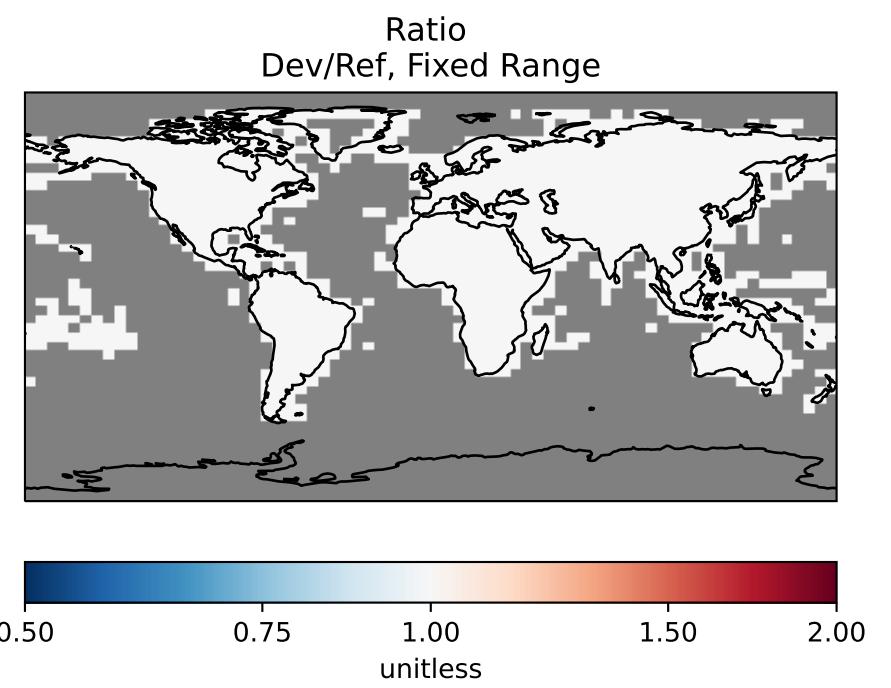
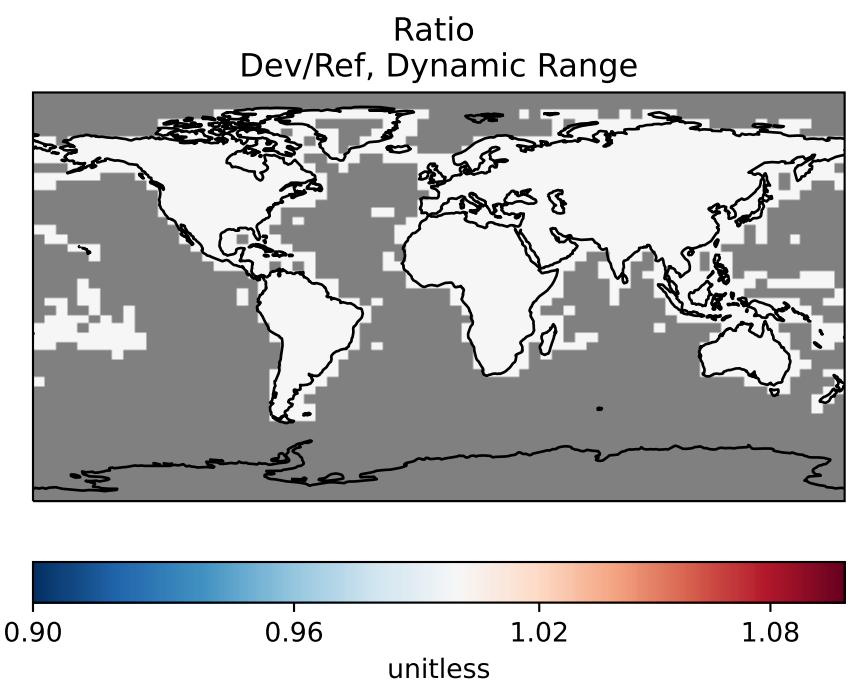
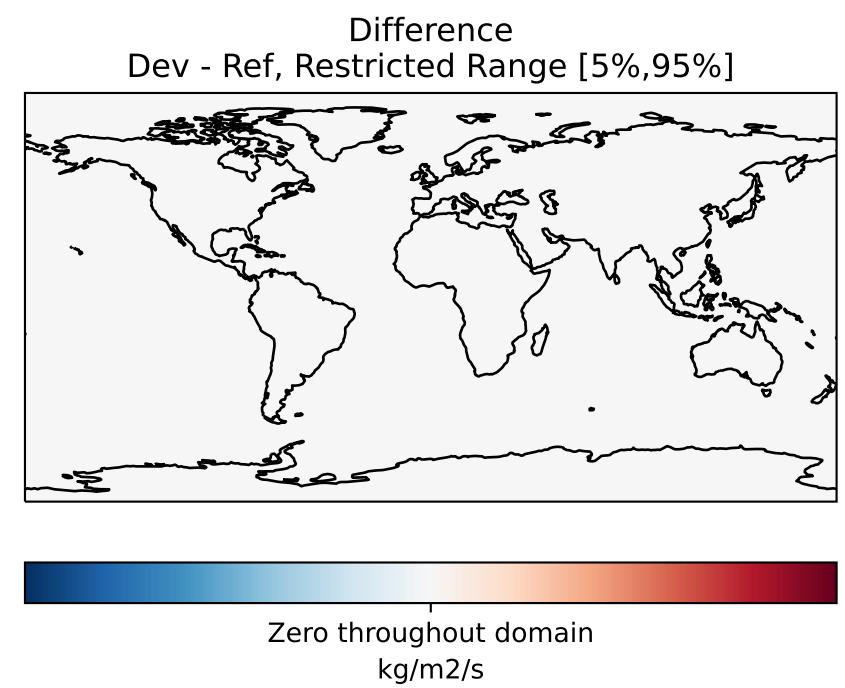
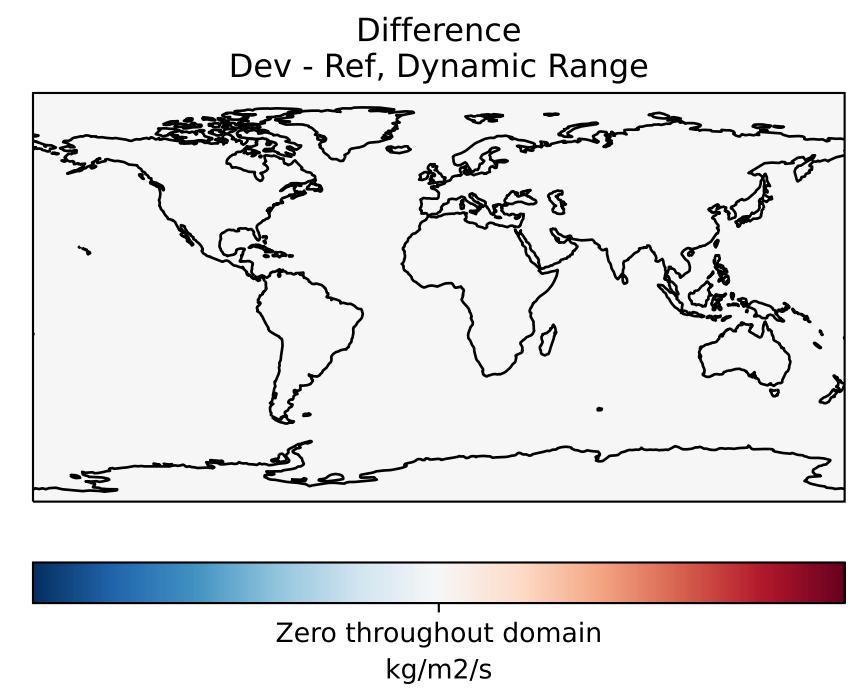
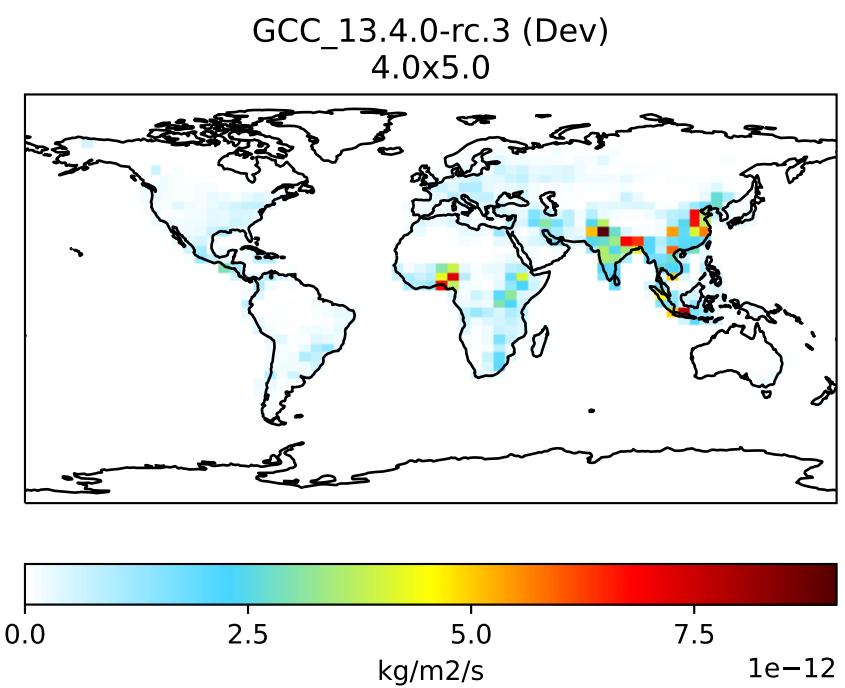
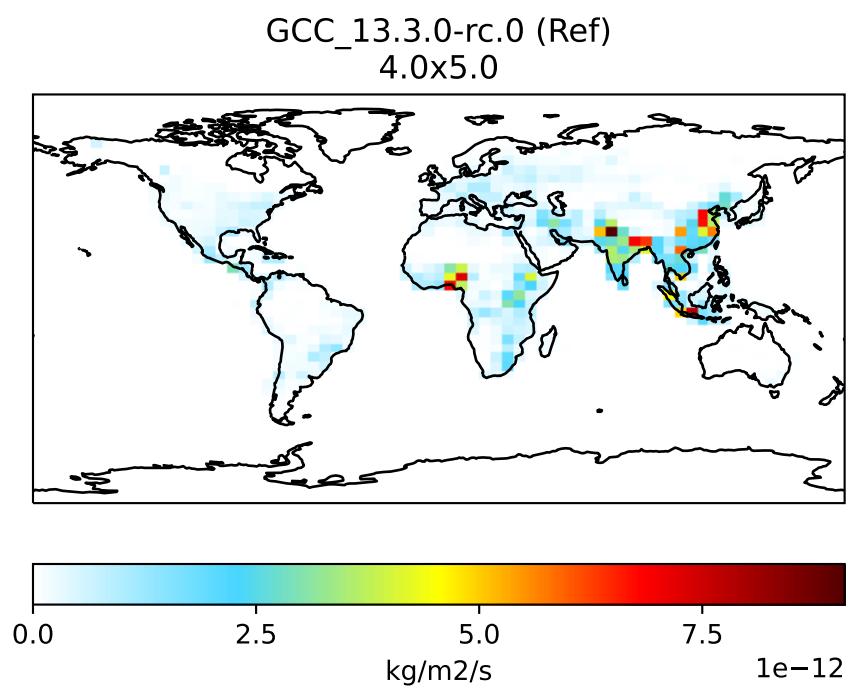
0.90 0.96 1.02 1.08
unitless

Ratio
Dev/Ref, Fixed Range

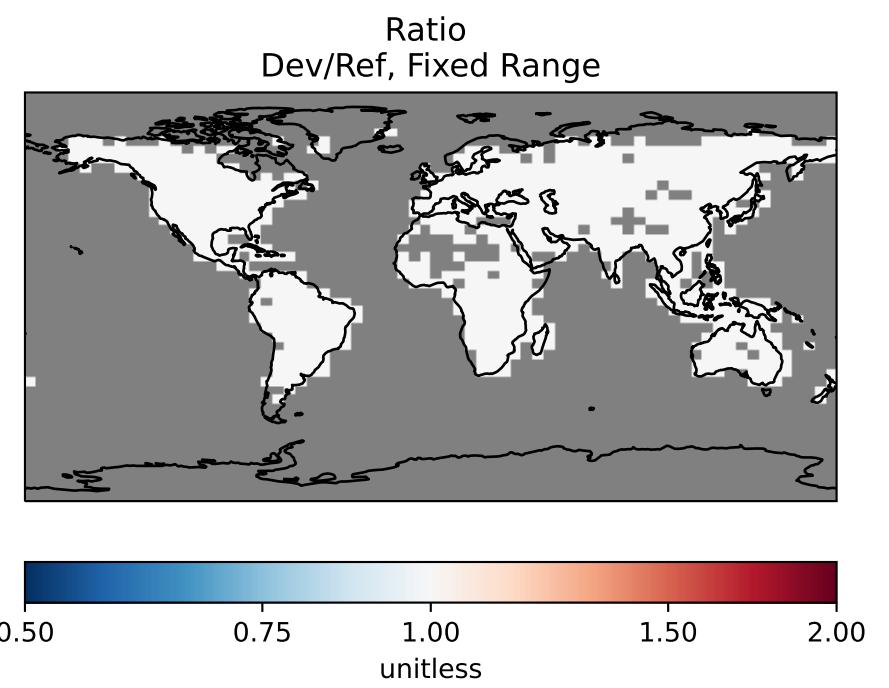
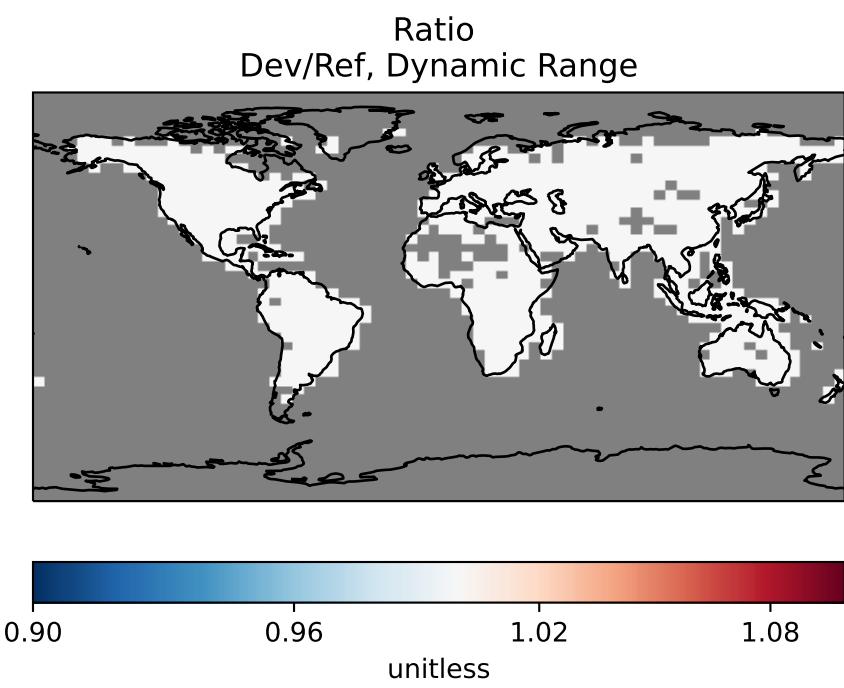
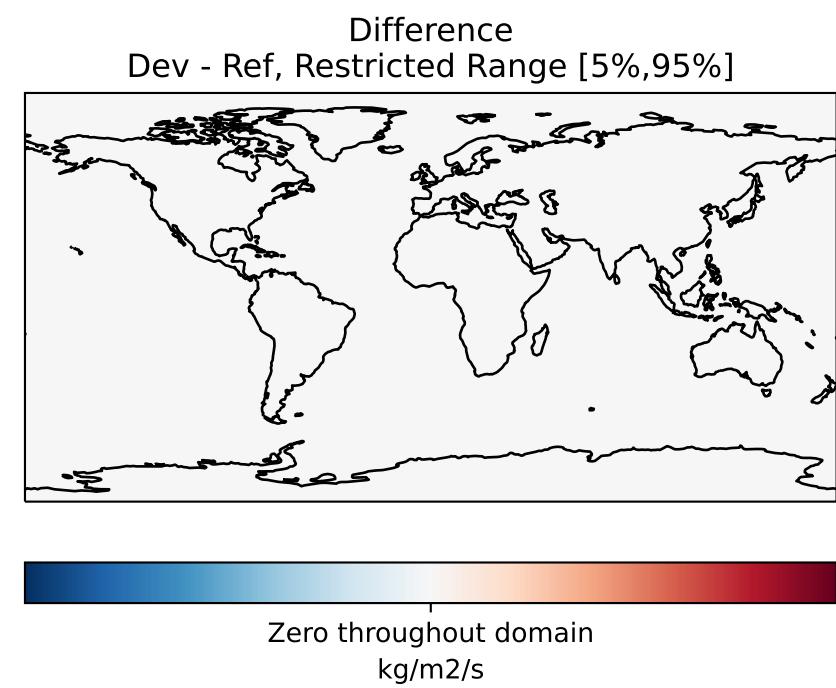
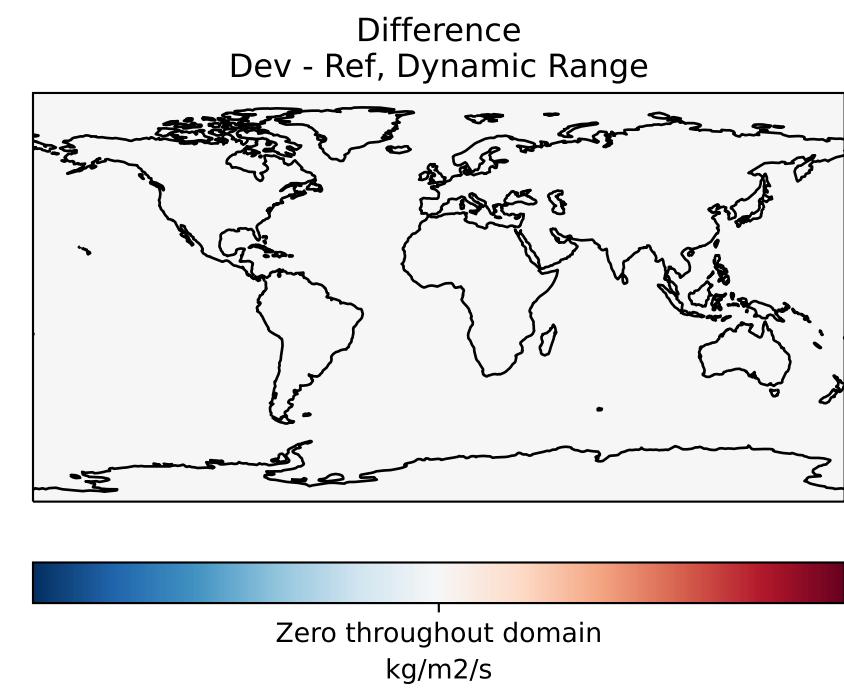
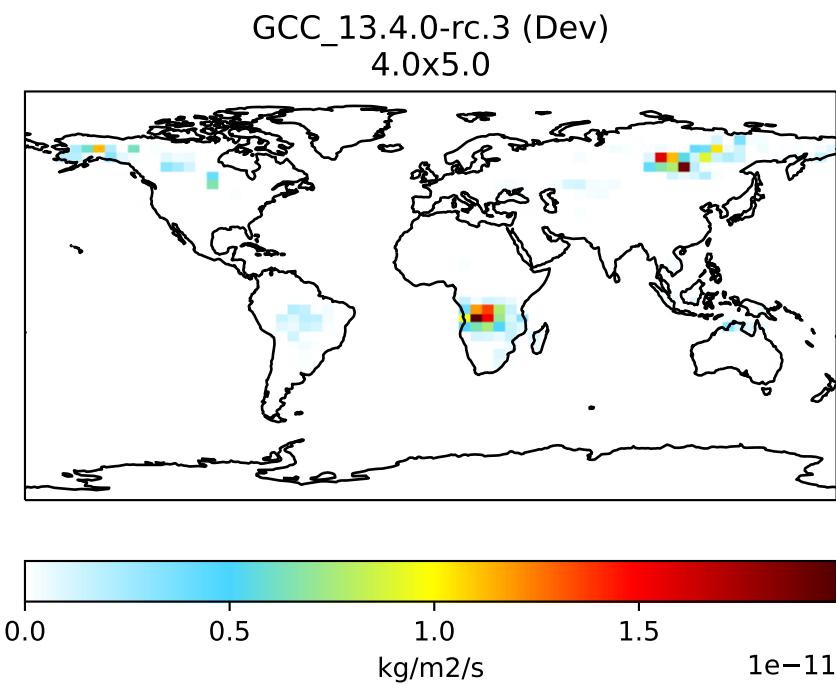
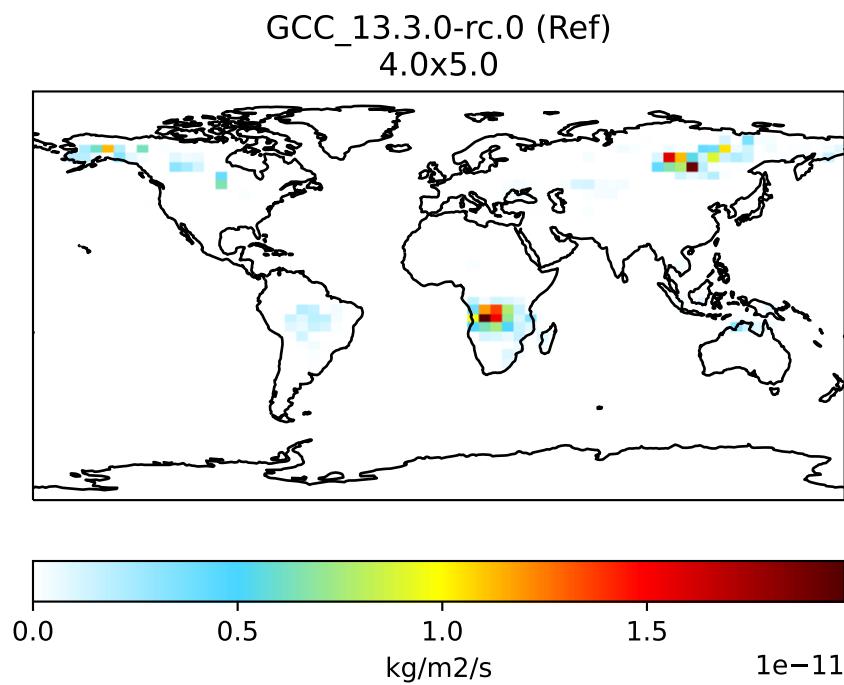


0.50 0.75 1.00 1.50 2.00
unitless

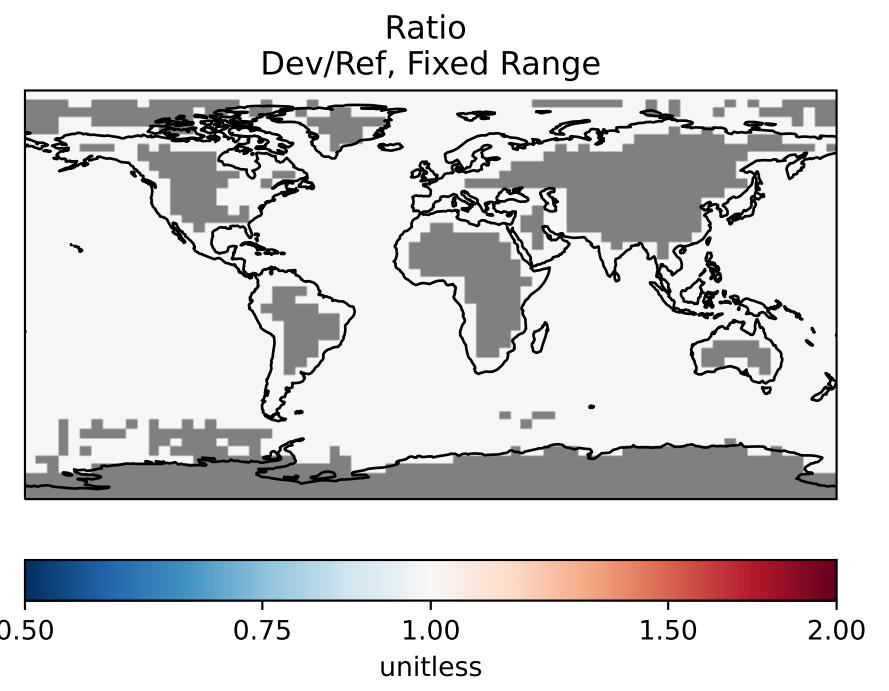
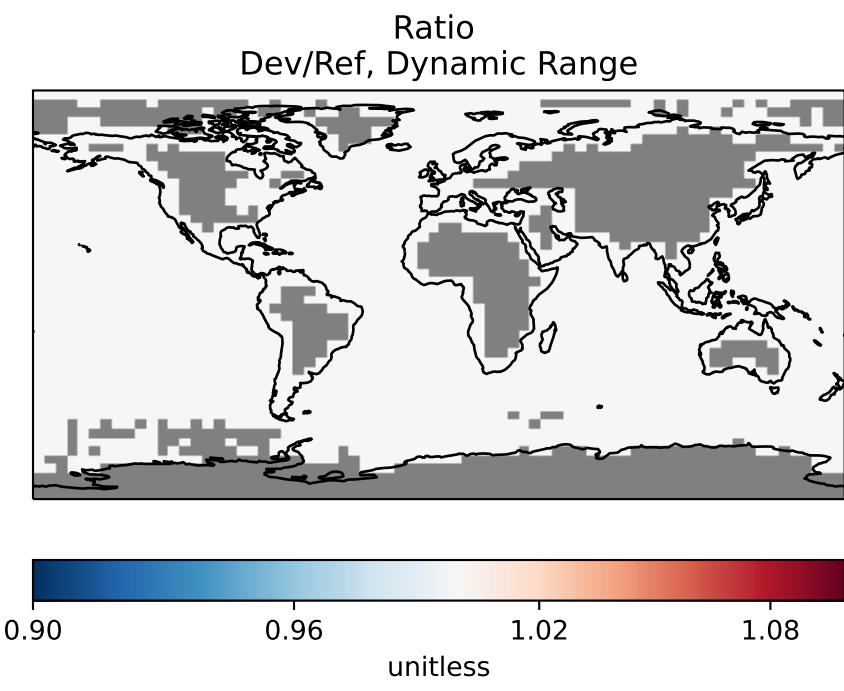
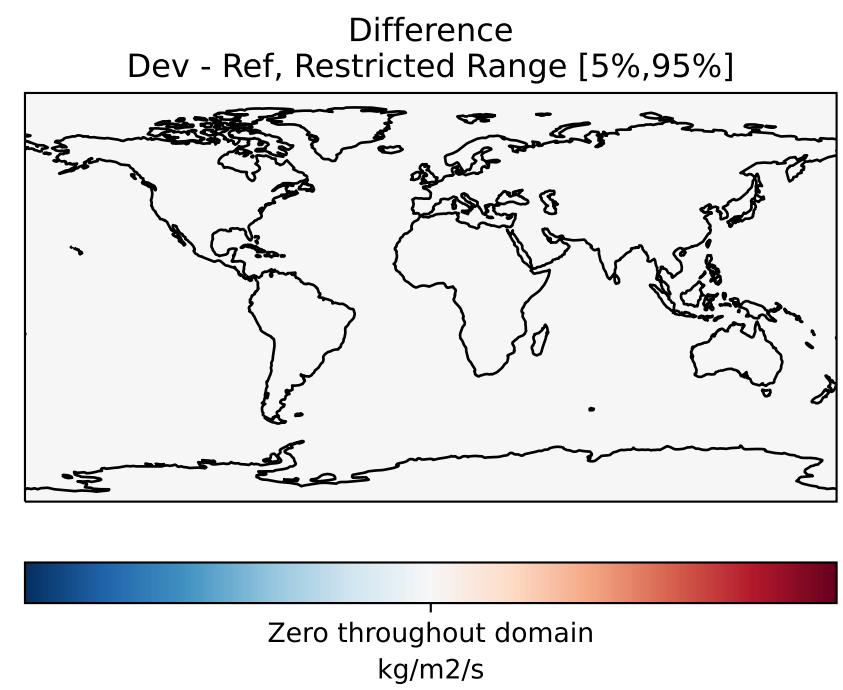
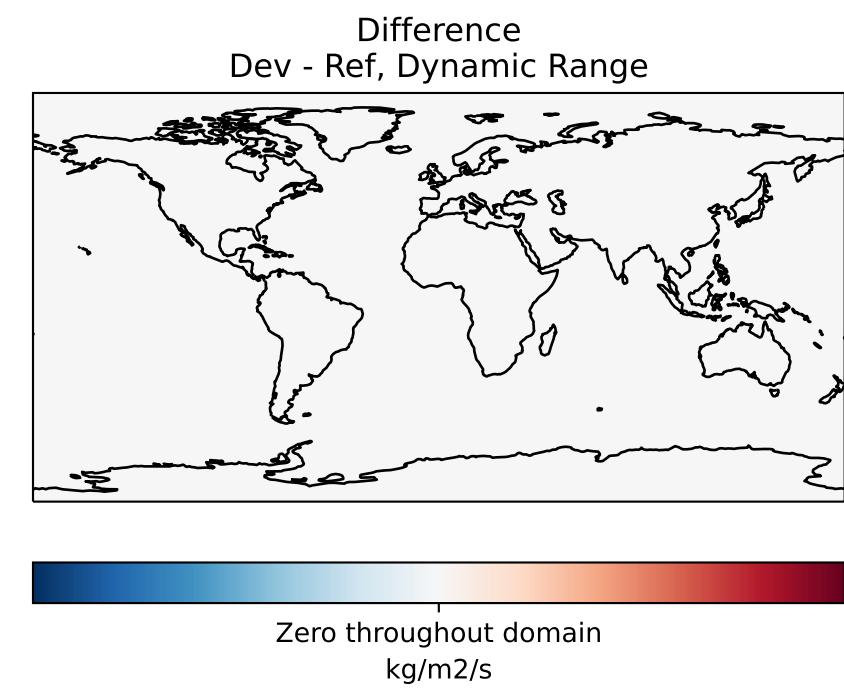
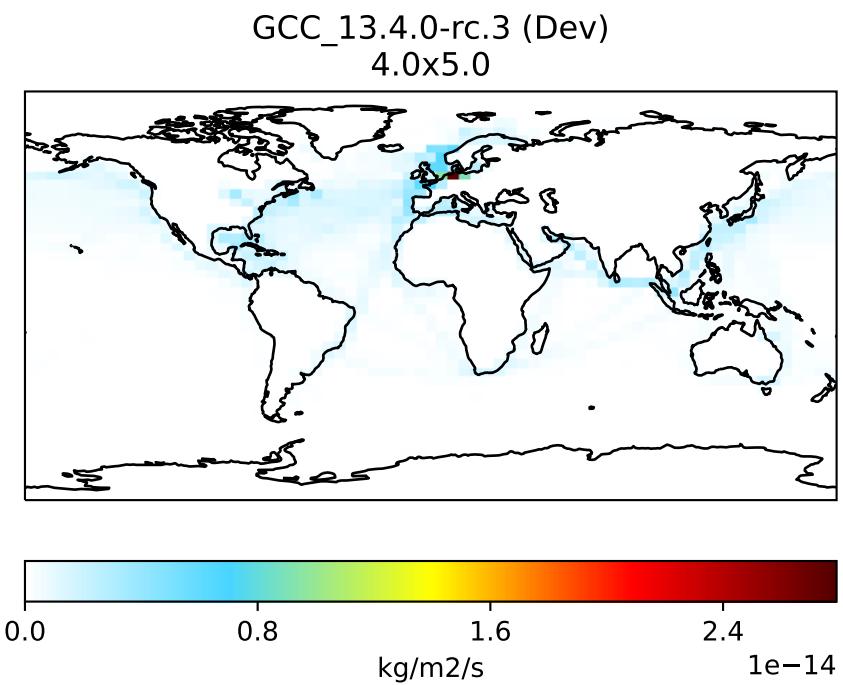
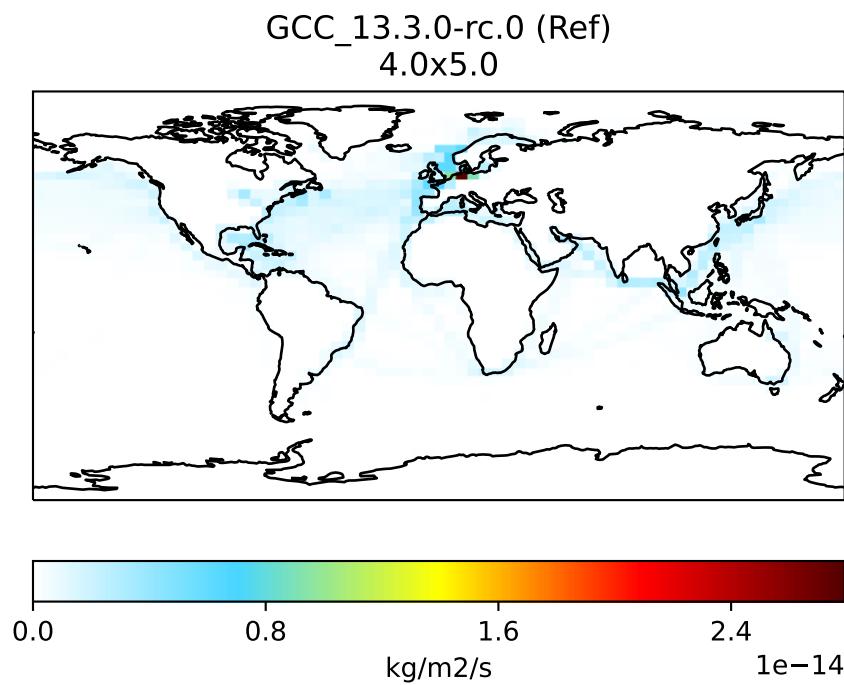
EmisC2H2_Anthro (Jul2019)



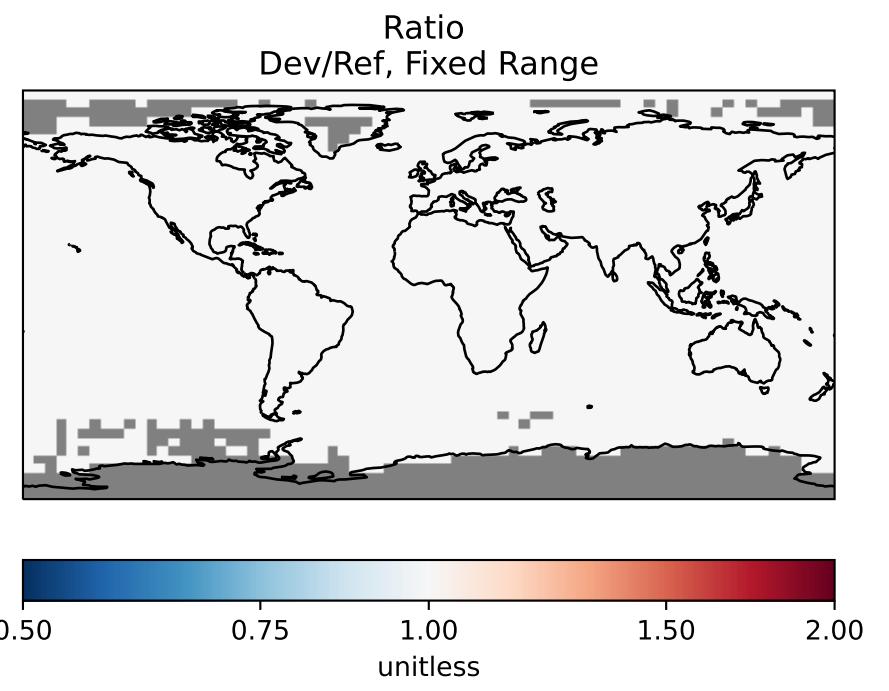
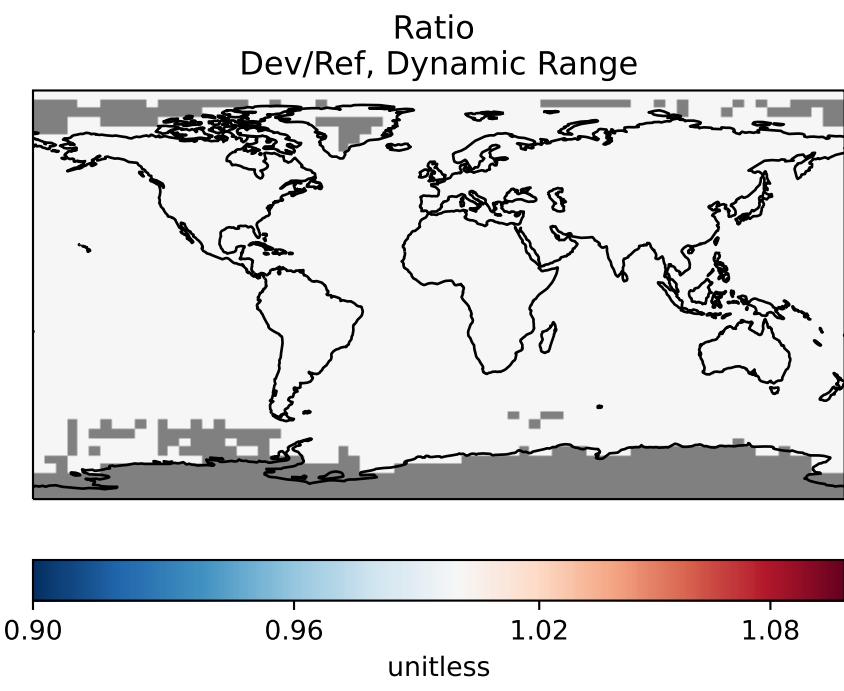
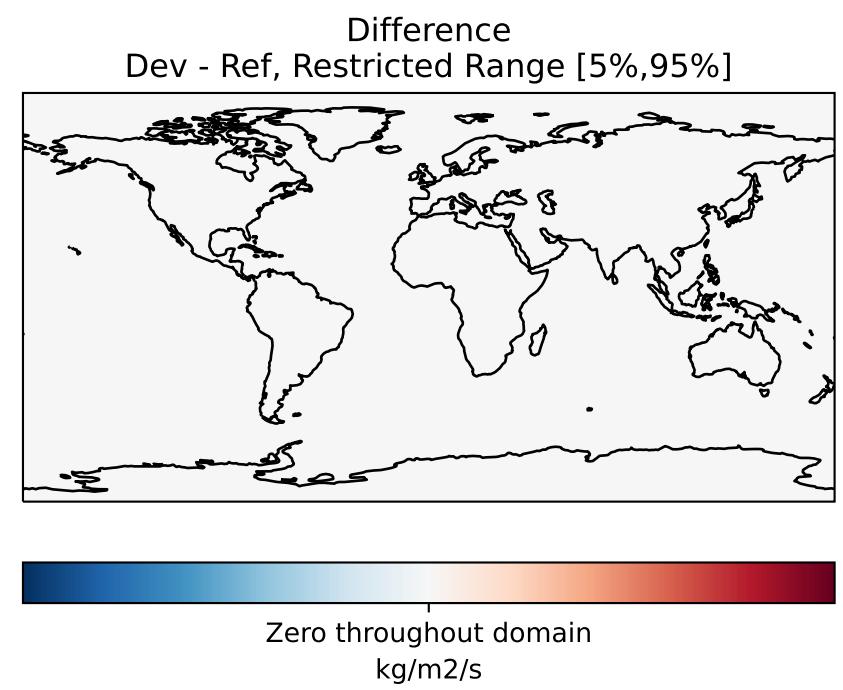
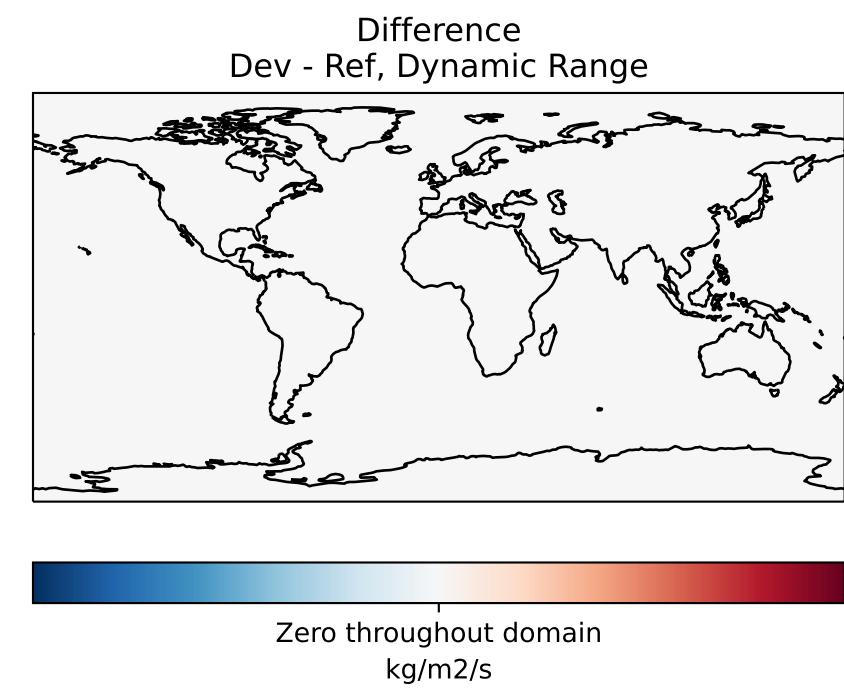
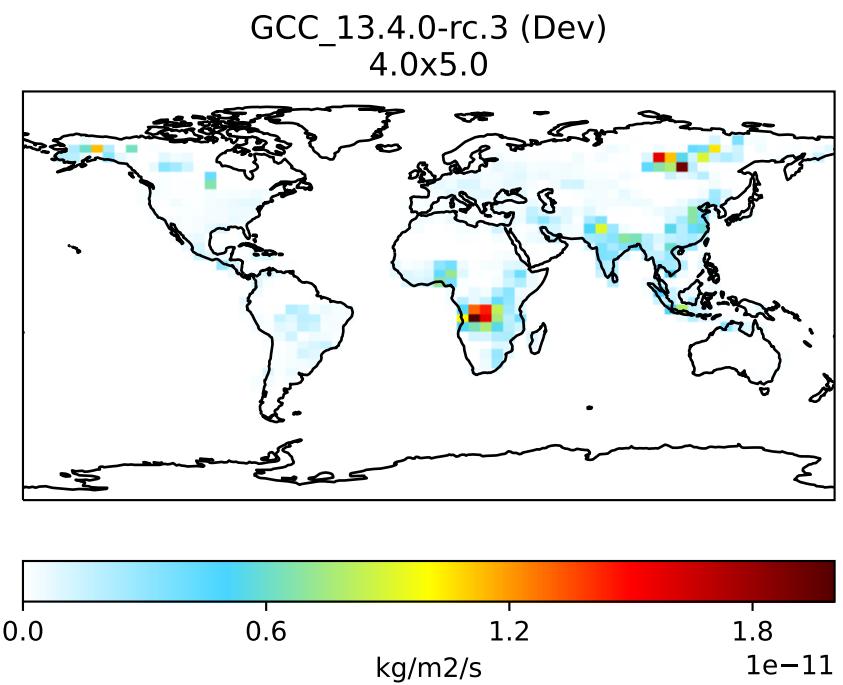
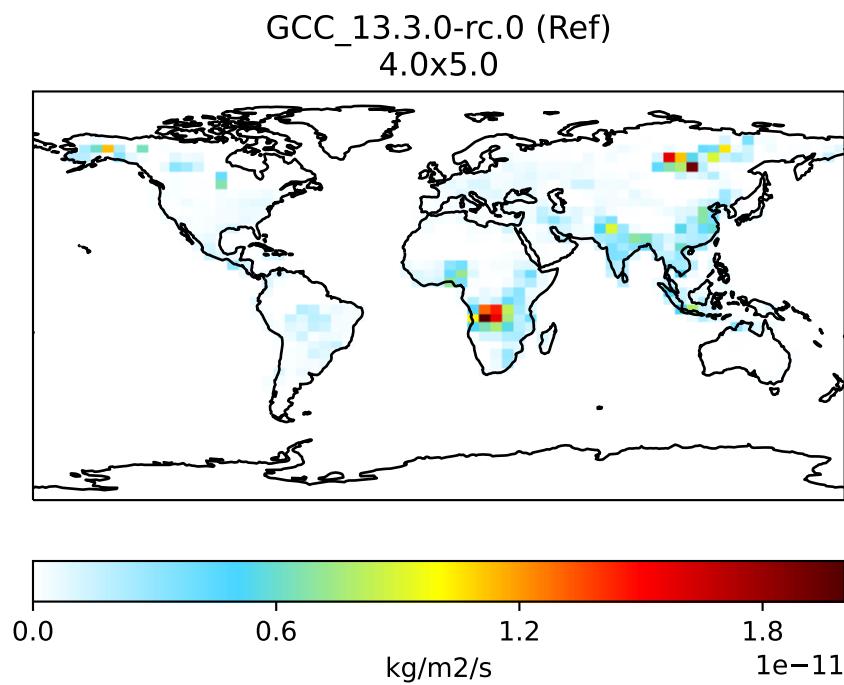
EmisC2H2_BioBurn (Jul2019)



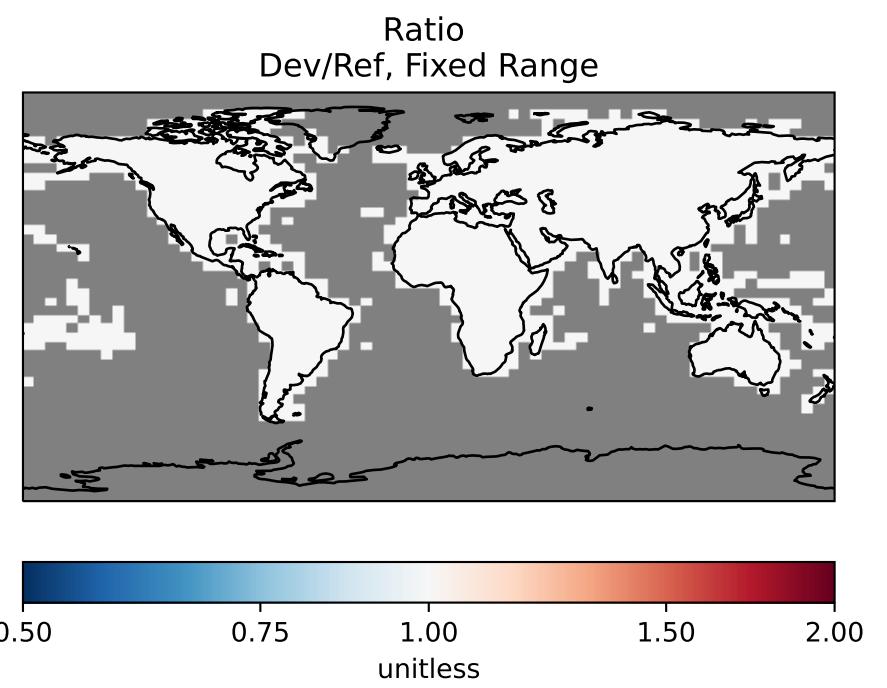
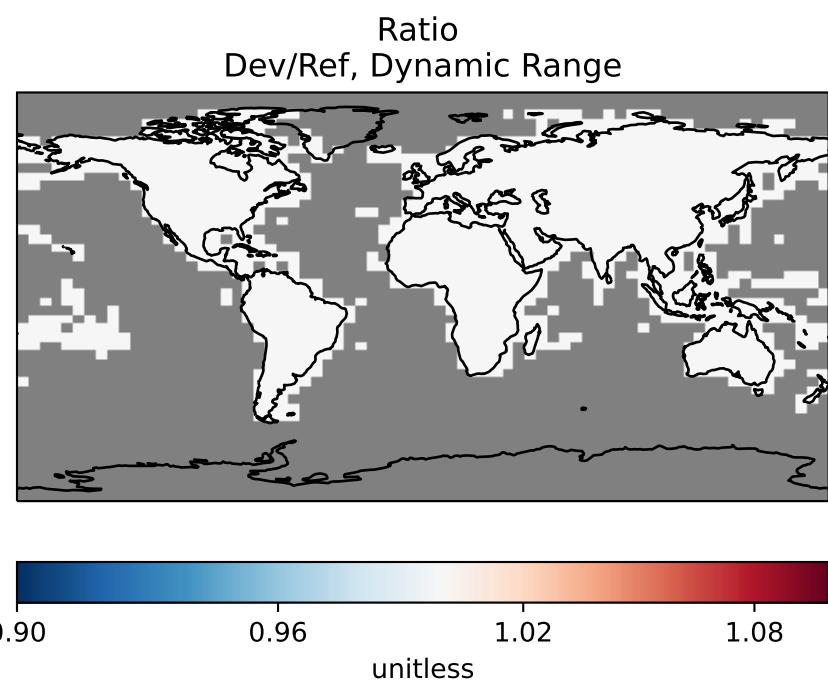
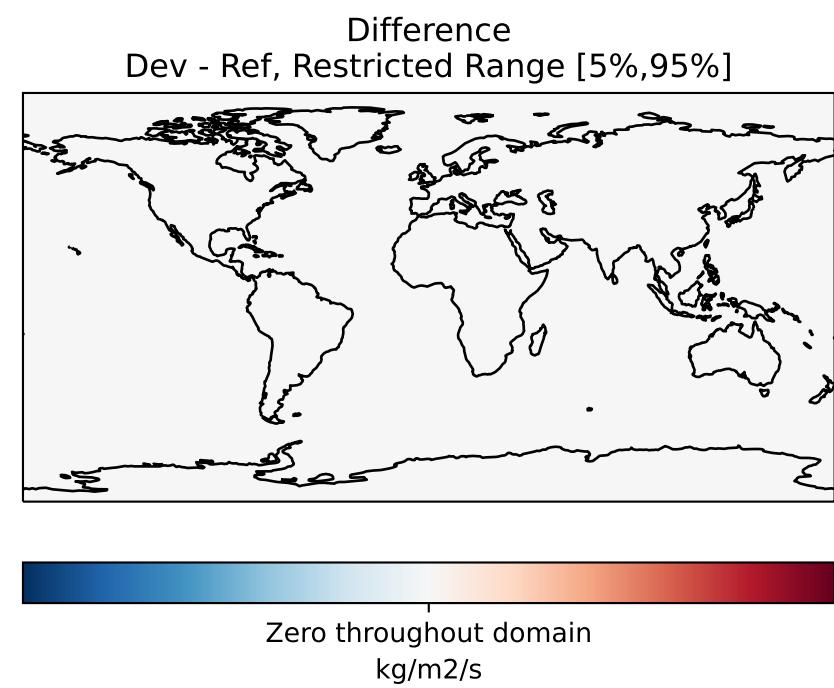
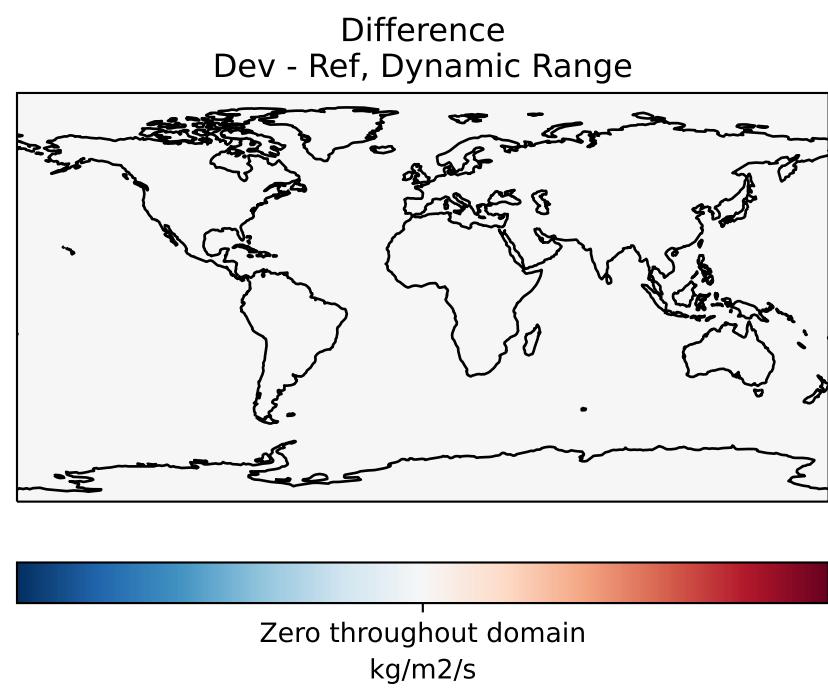
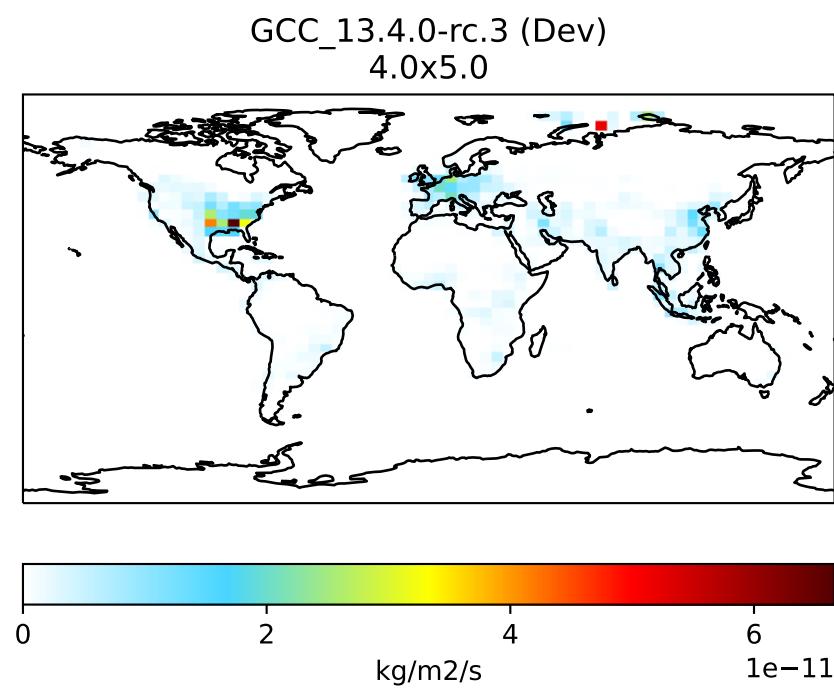
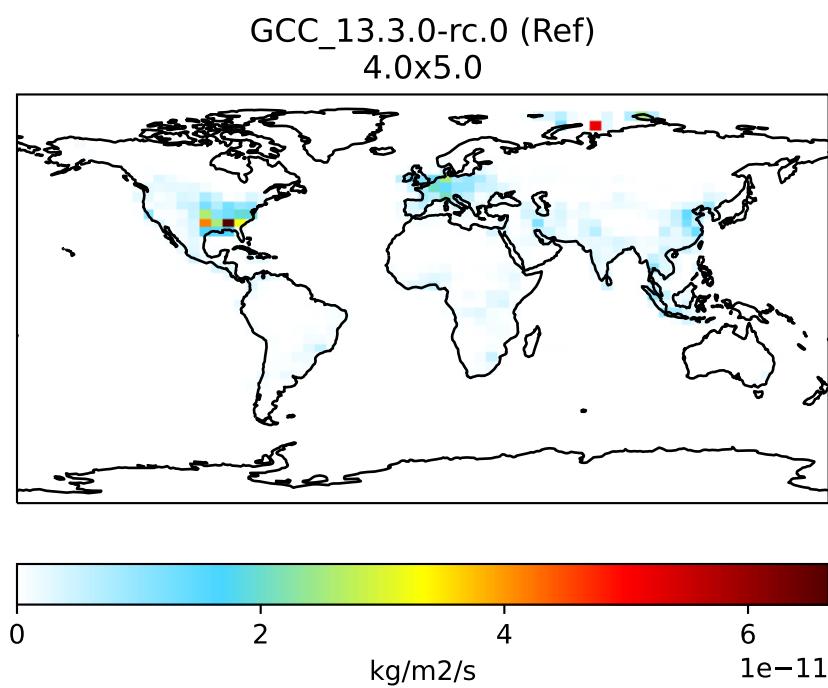
EmisC2H2_Ship (Jul2019)



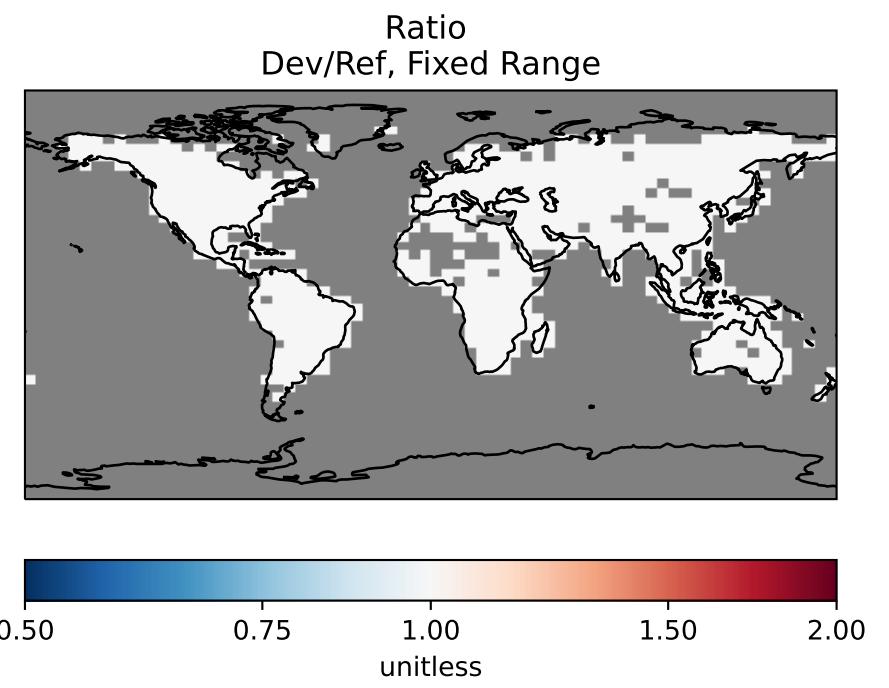
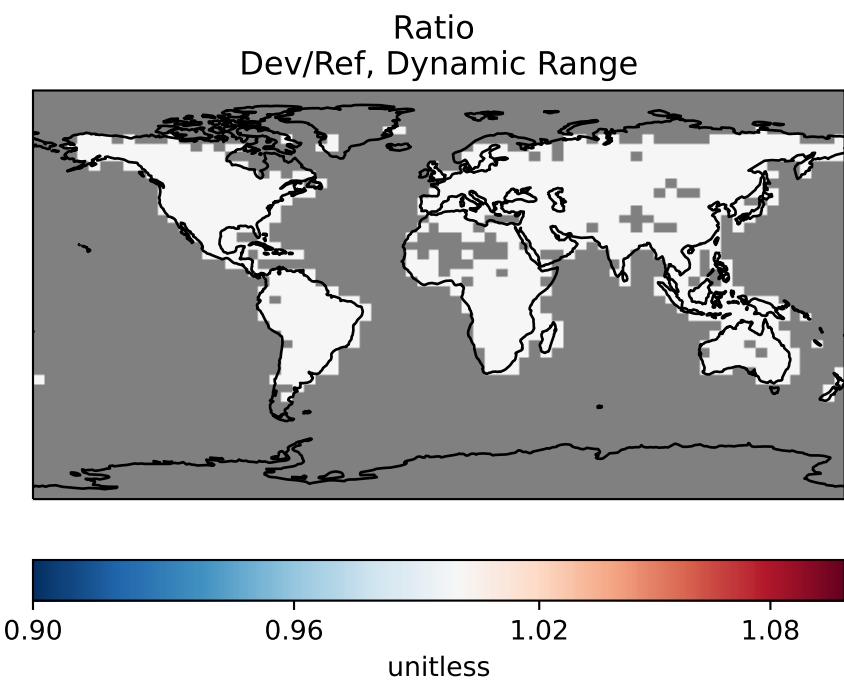
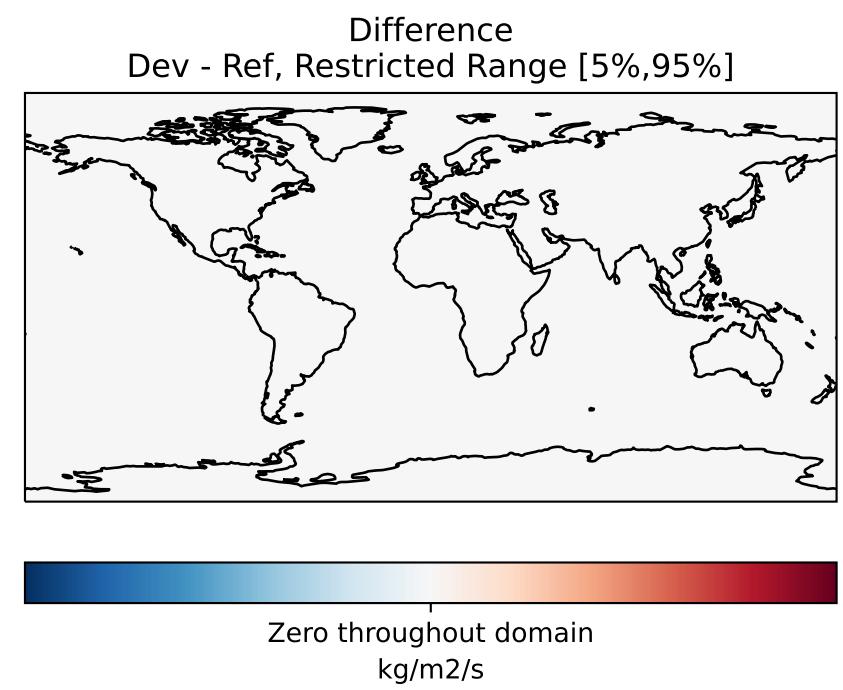
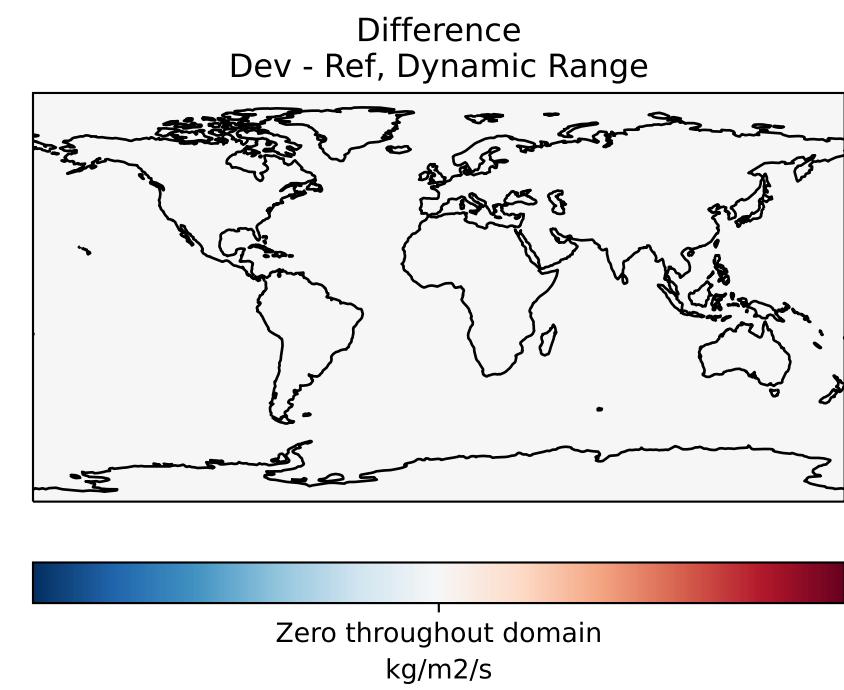
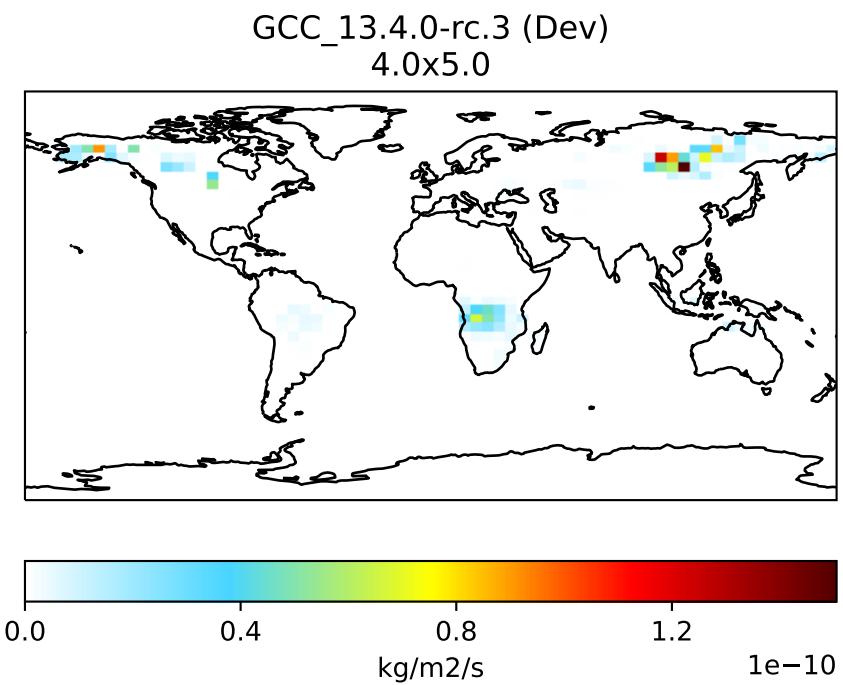
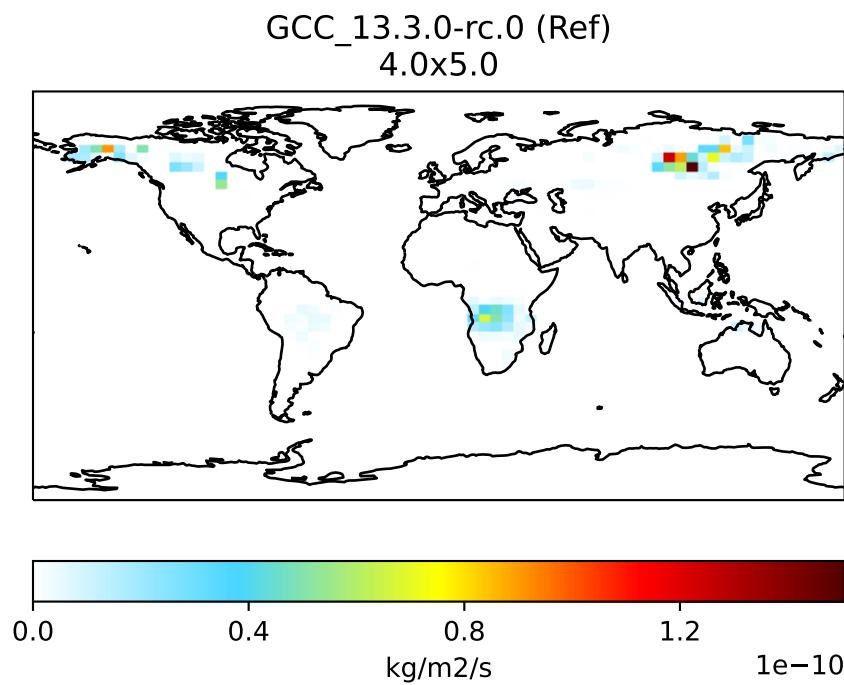
EmisC2H2_Total (Jul2019)



EmisC2H4_Anthro (Jul2019)

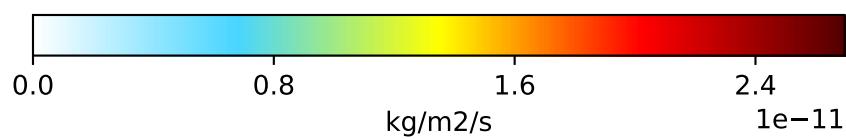
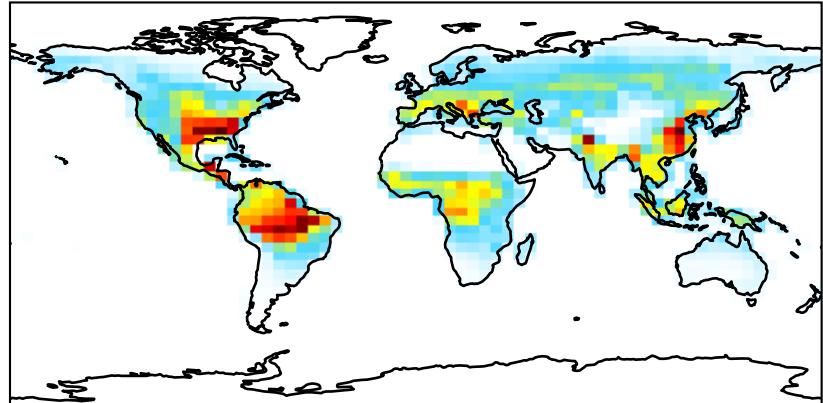


EmisC2H4_BioBurn (Jul2019)

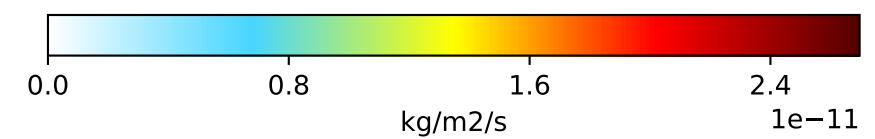
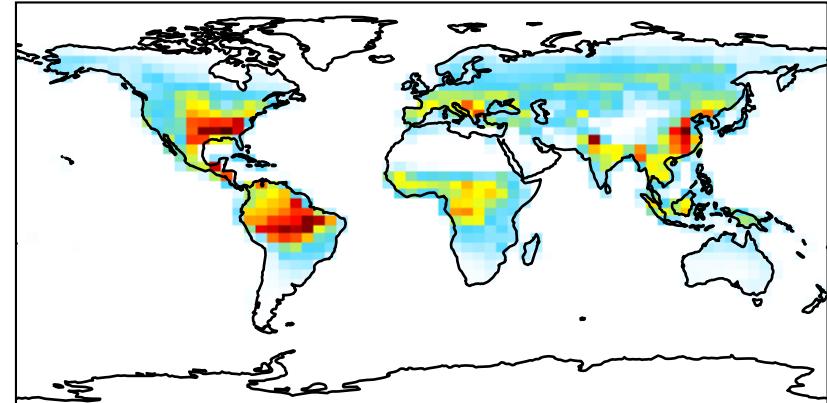


EmisC2H4_Biogenic (Jul2019)

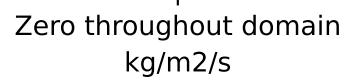
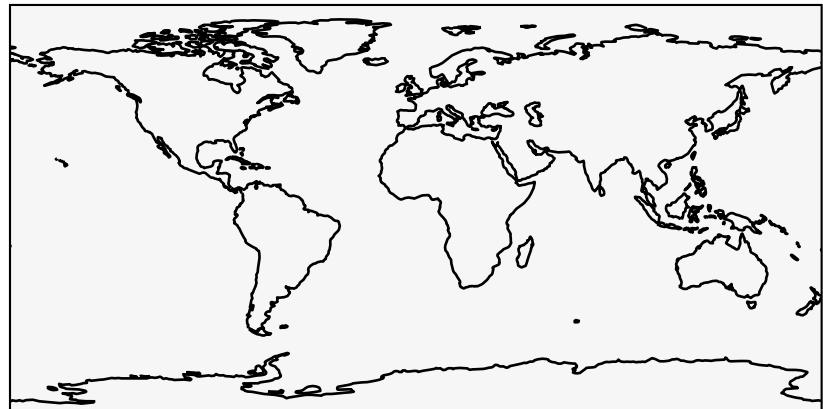
GCC_13.3.0-rc.0 (Ref)
4.0x5.0



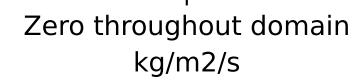
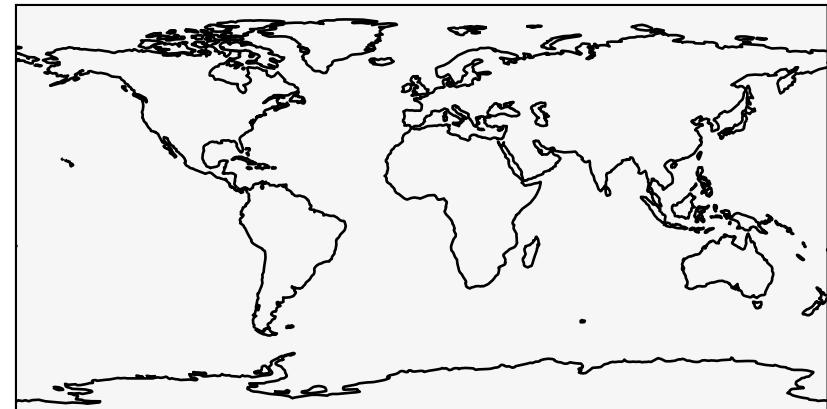
GCC_13.4.0-rc.3 (Dev)
4.0x5.0



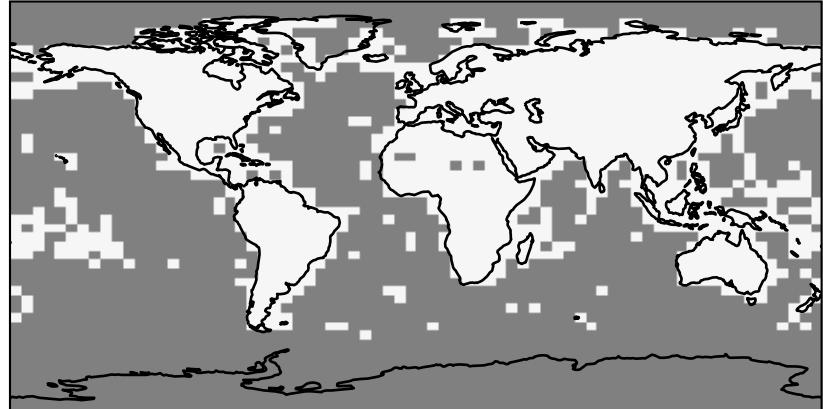
Difference
Dev - Ref, Dynamic Range



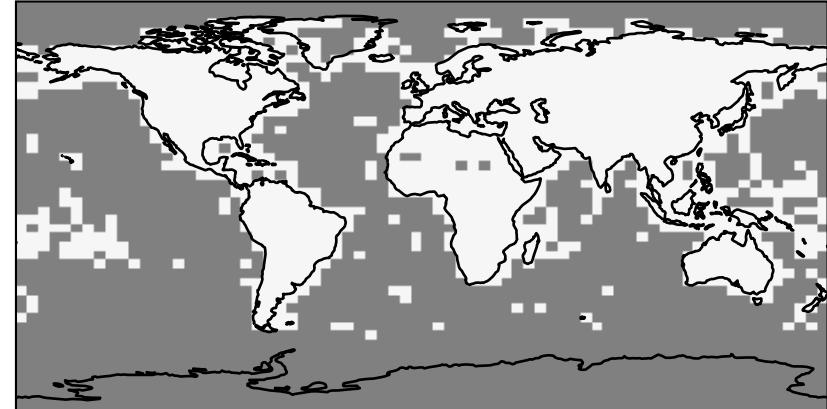
Difference
Dev - Ref, Restricted Range [5%,95%]



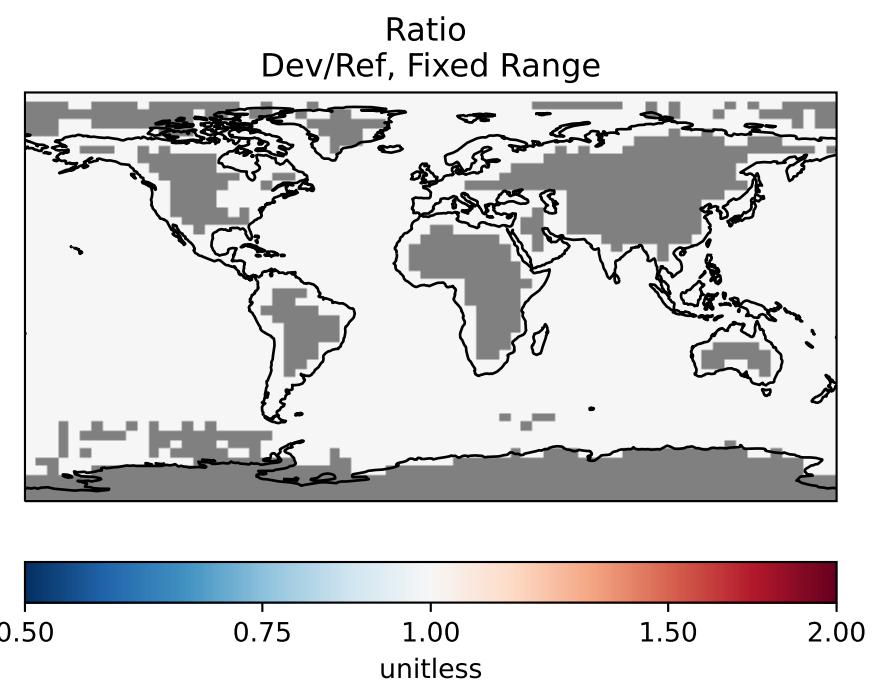
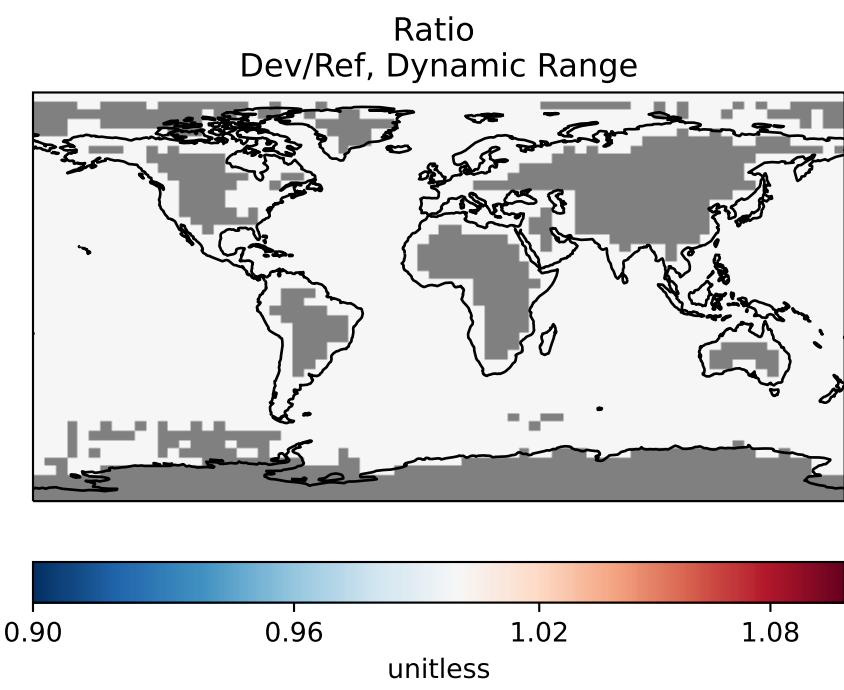
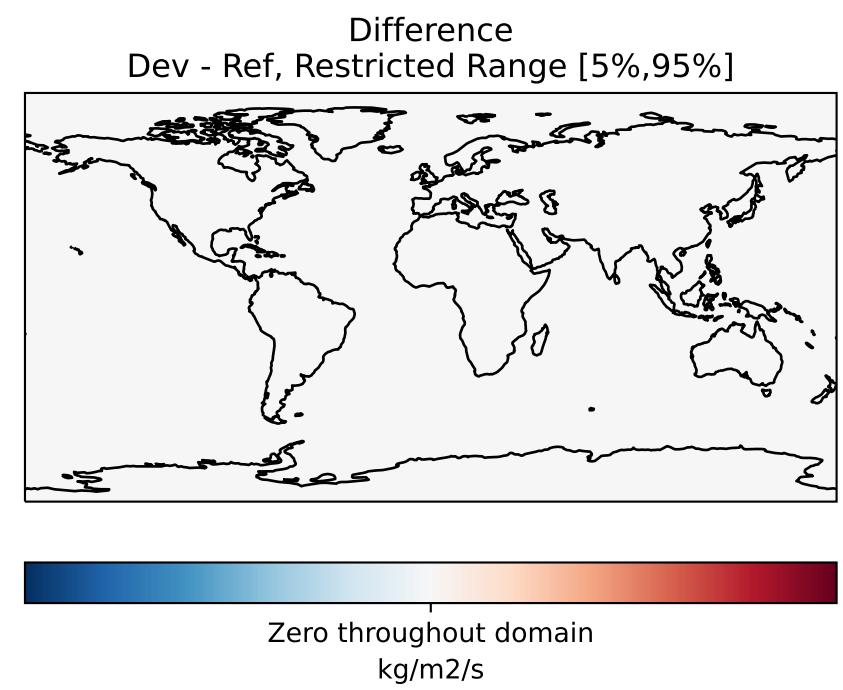
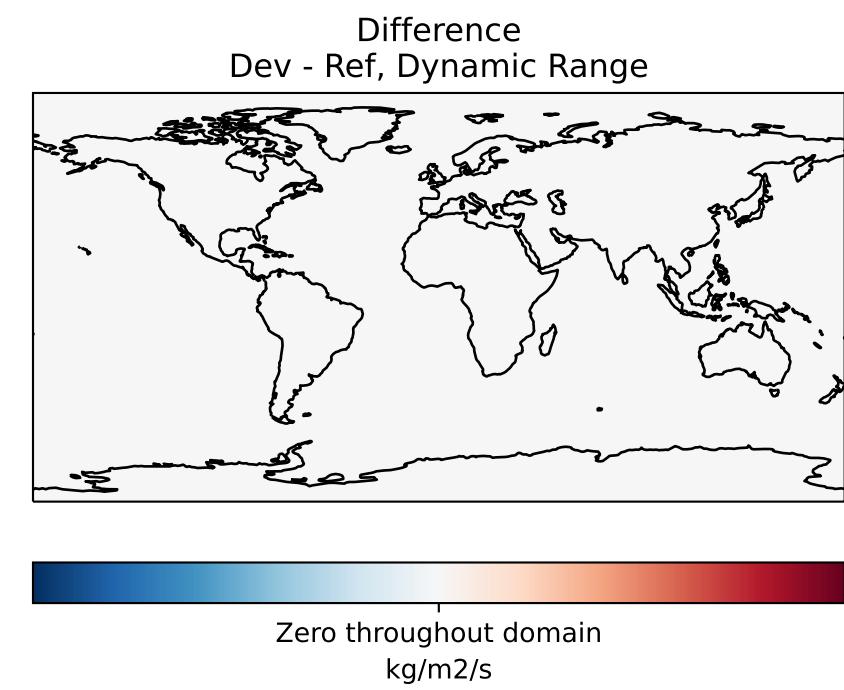
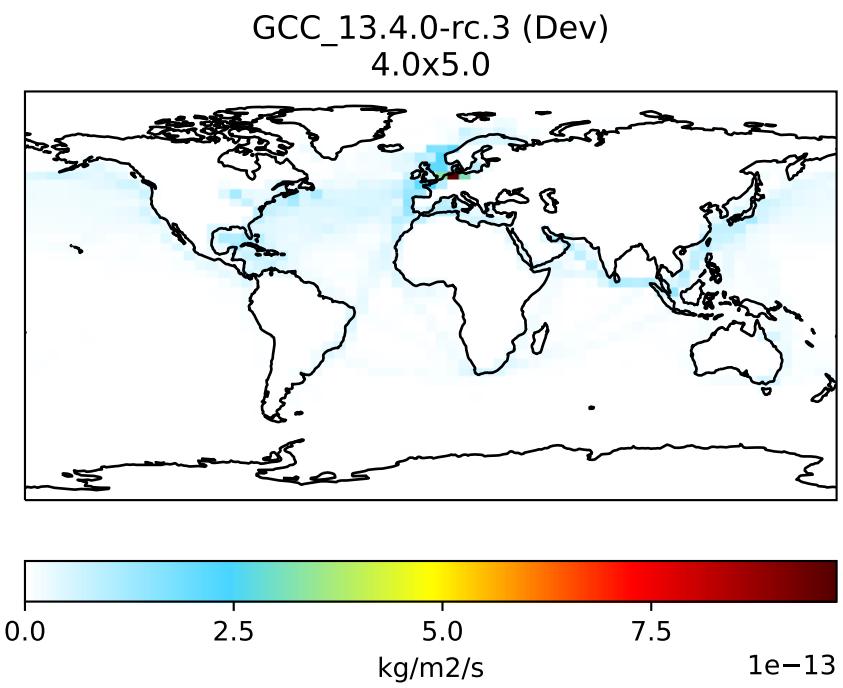
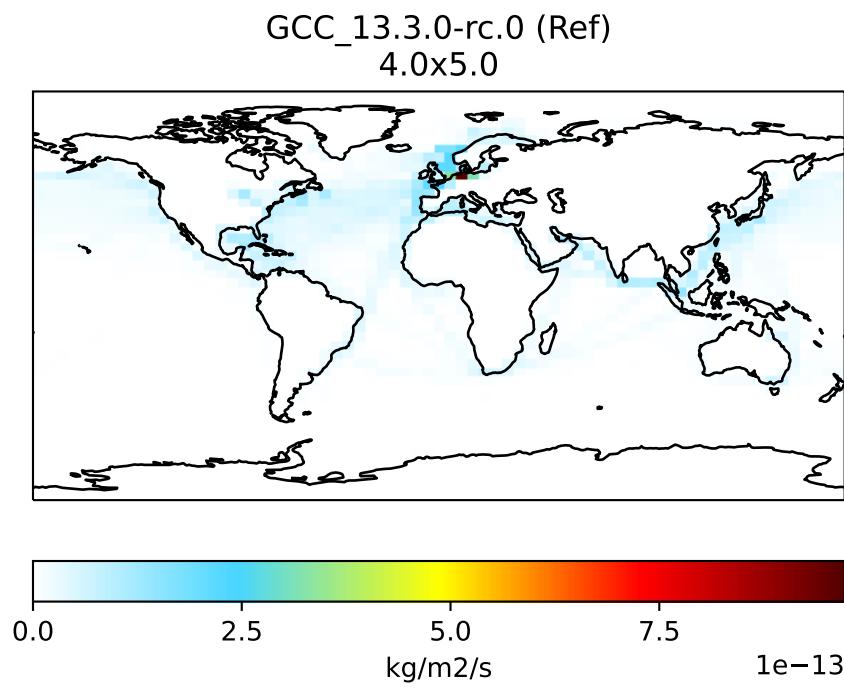
Ratio
Dev/Ref, Dynamic Range



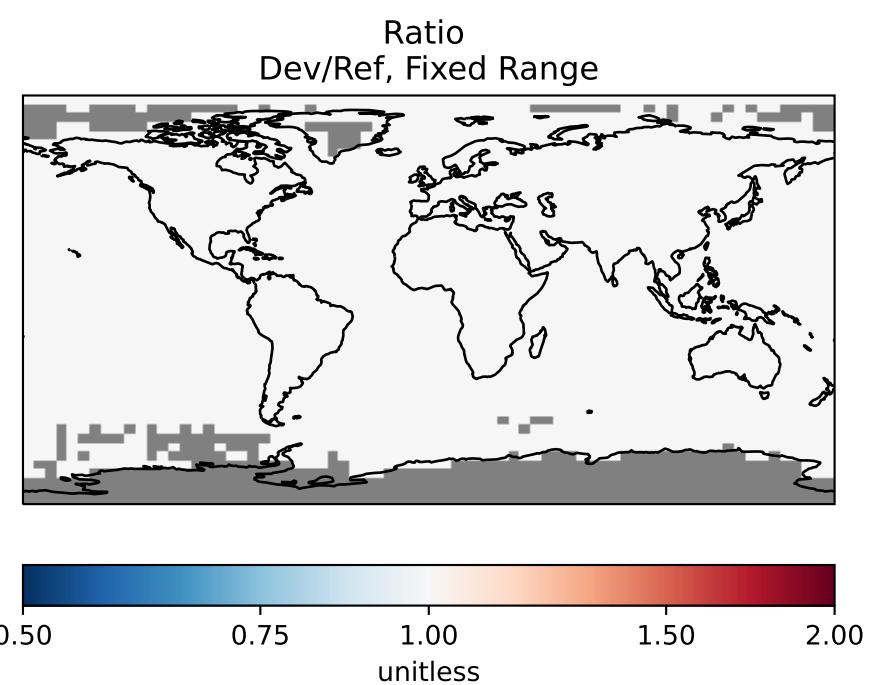
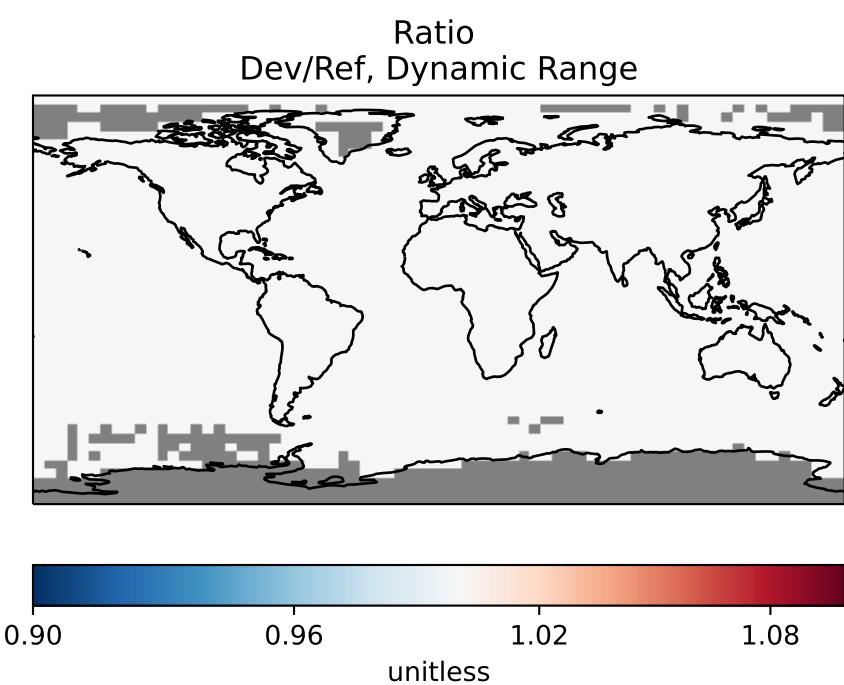
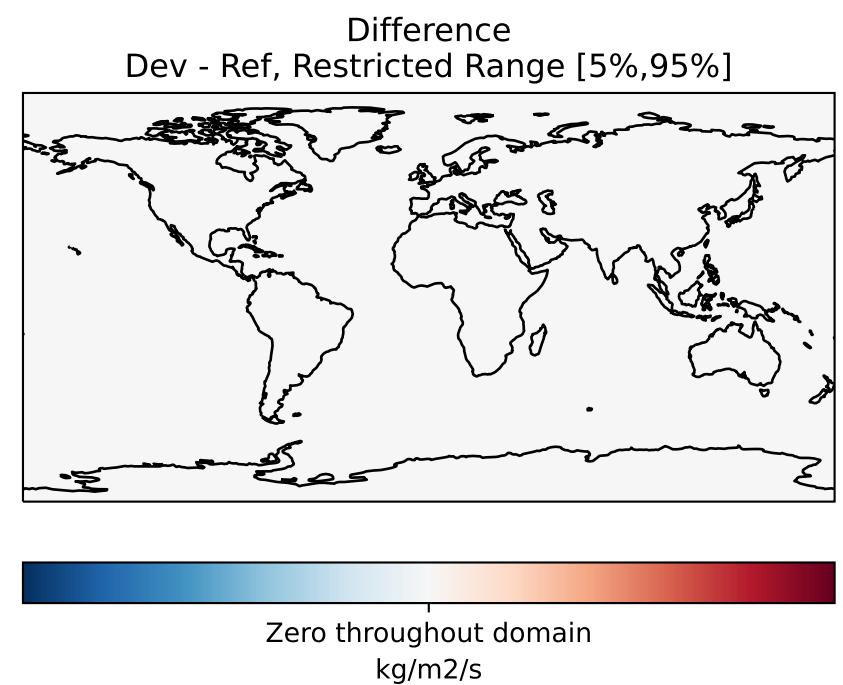
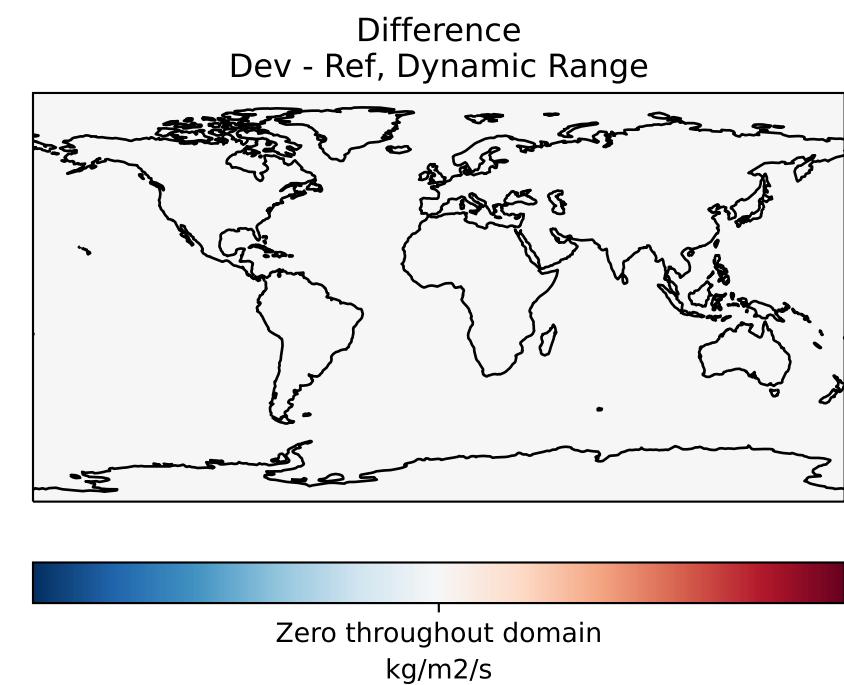
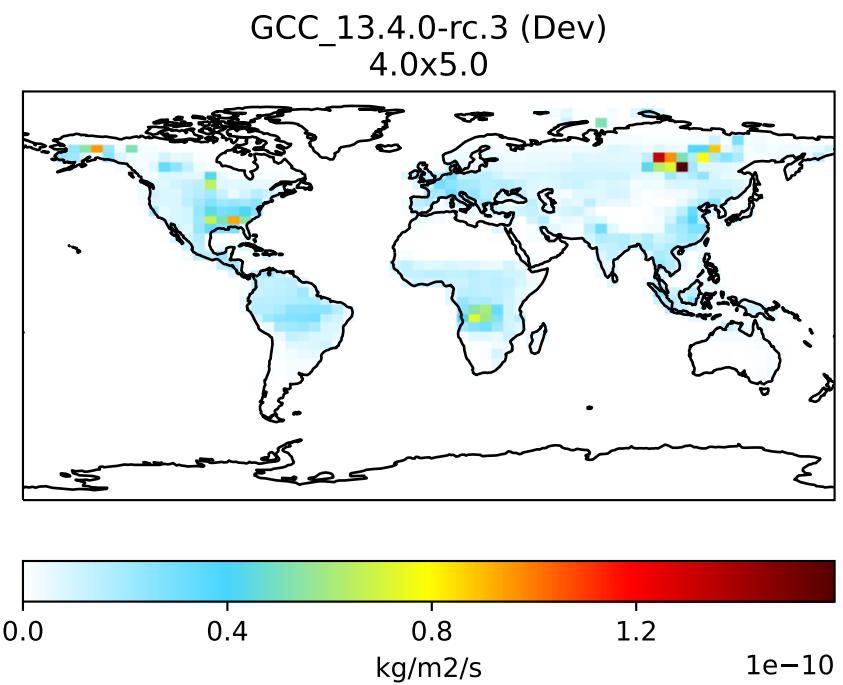
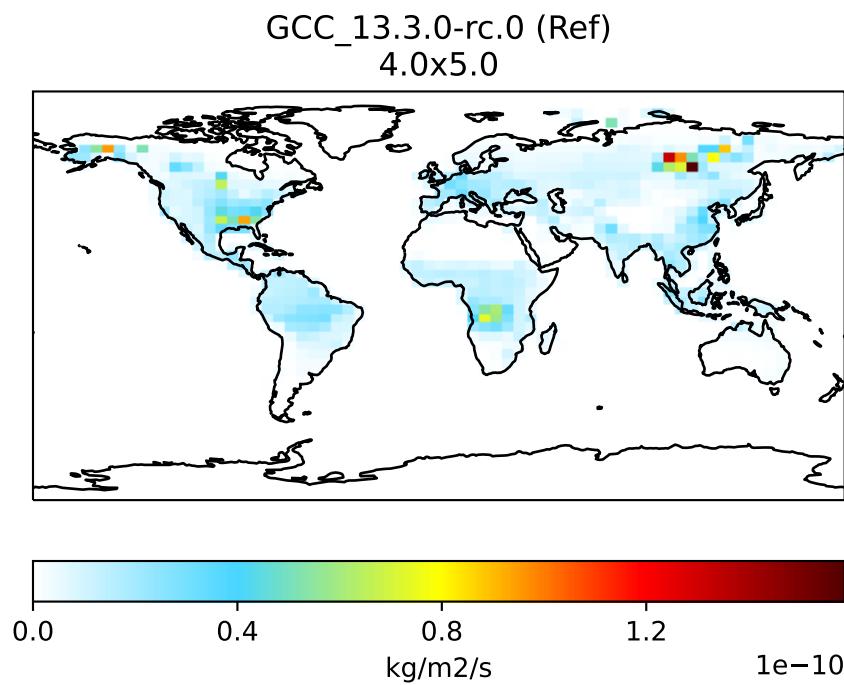
Ratio
Dev/Ref, Fixed Range



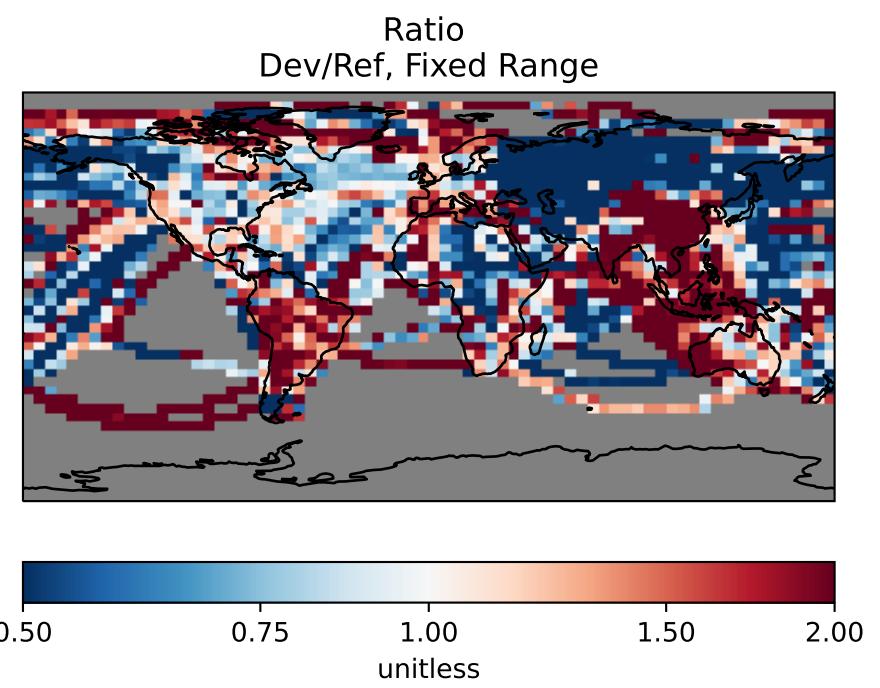
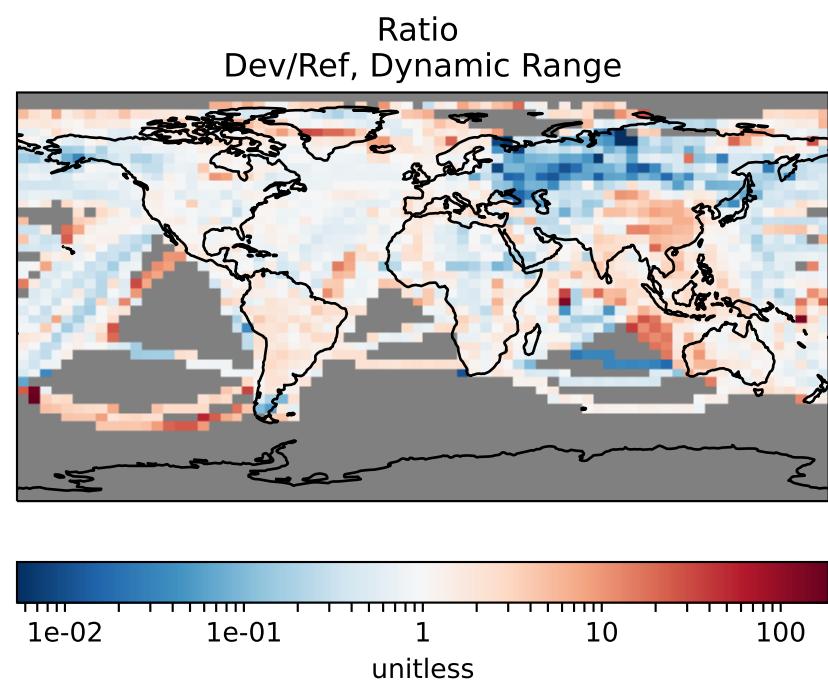
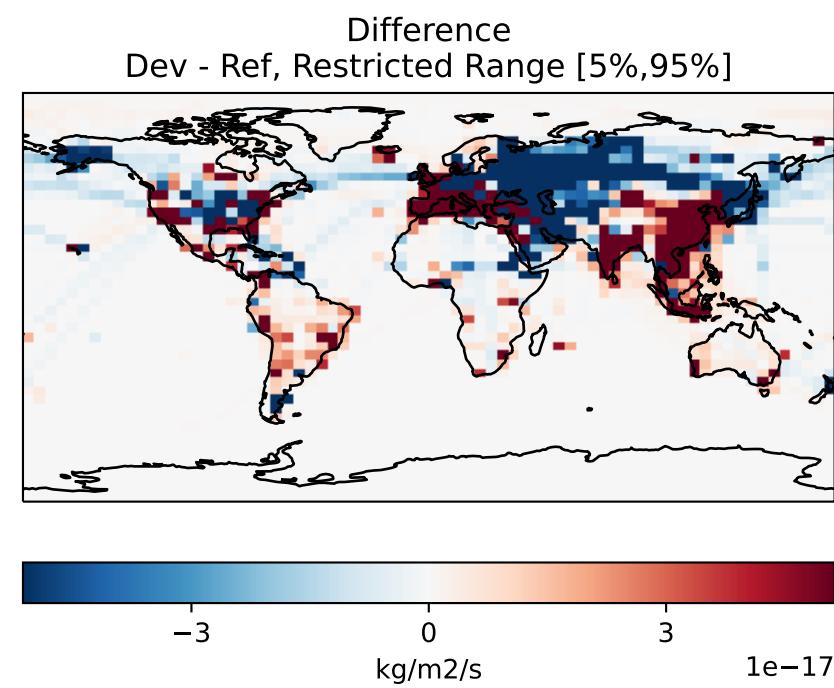
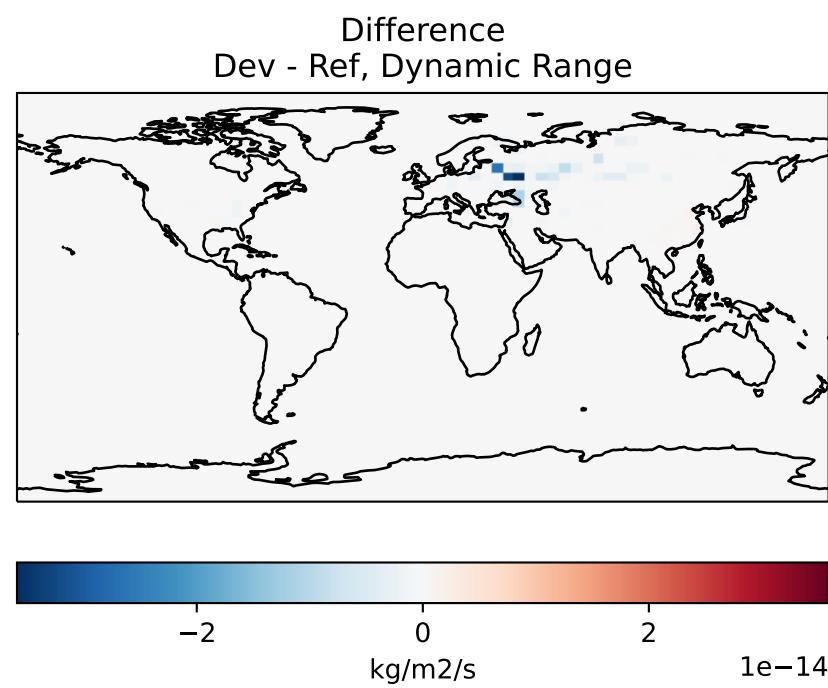
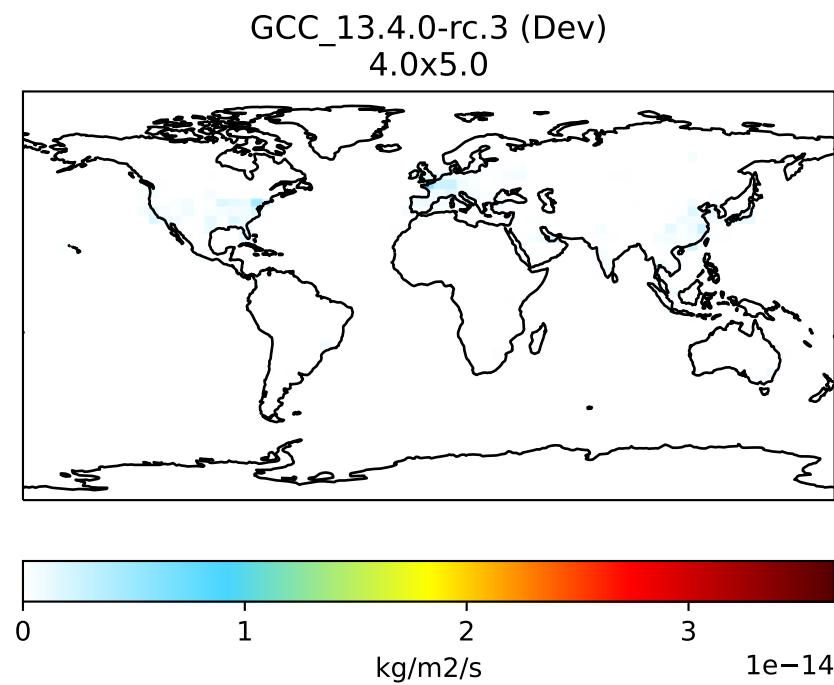
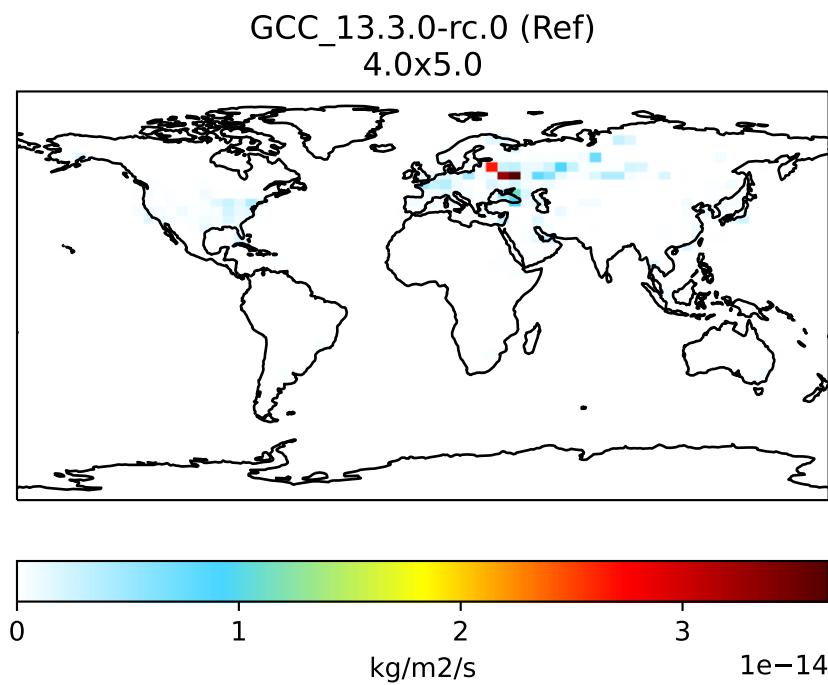
EmisC2H4_Ship (Jul2019)



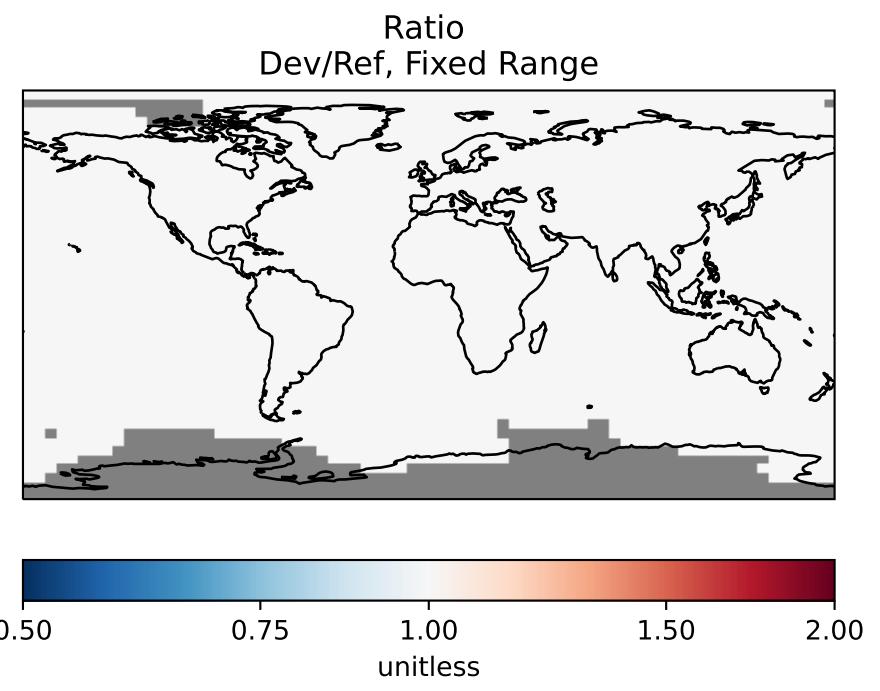
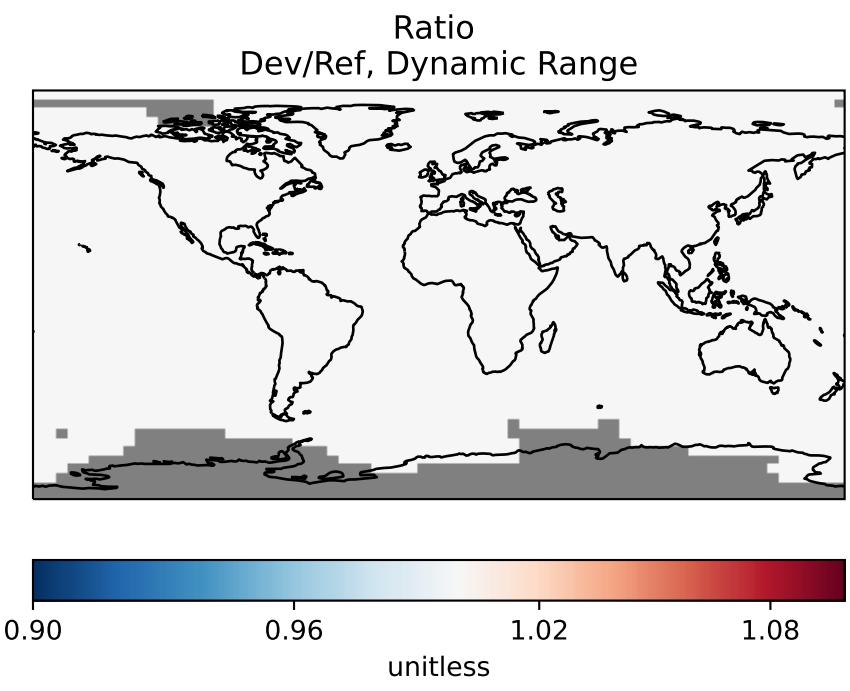
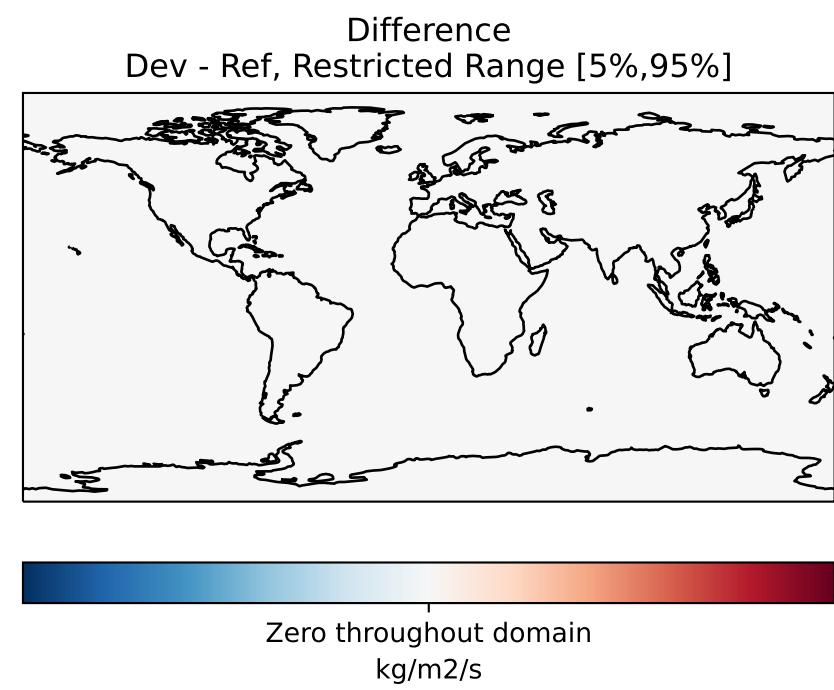
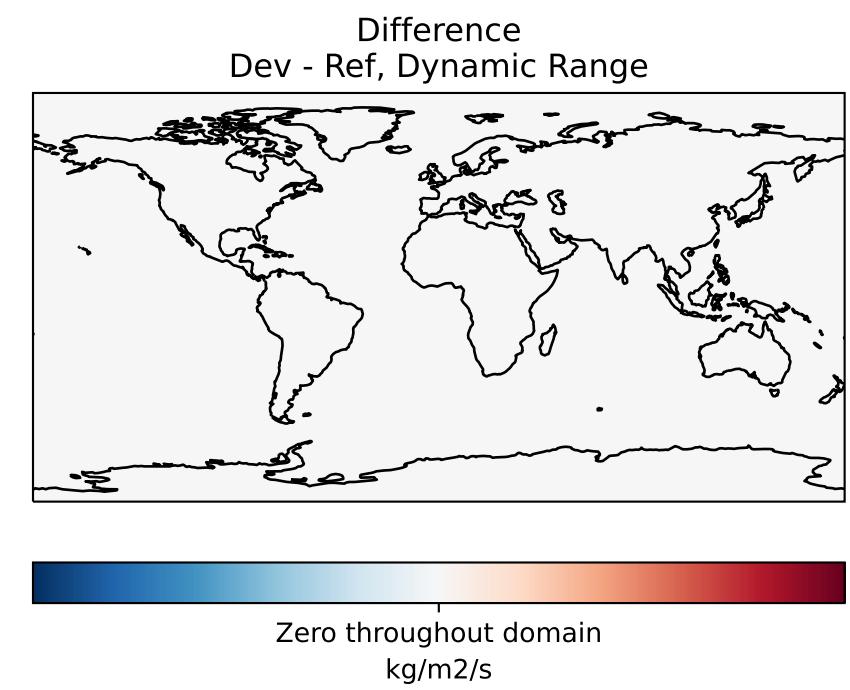
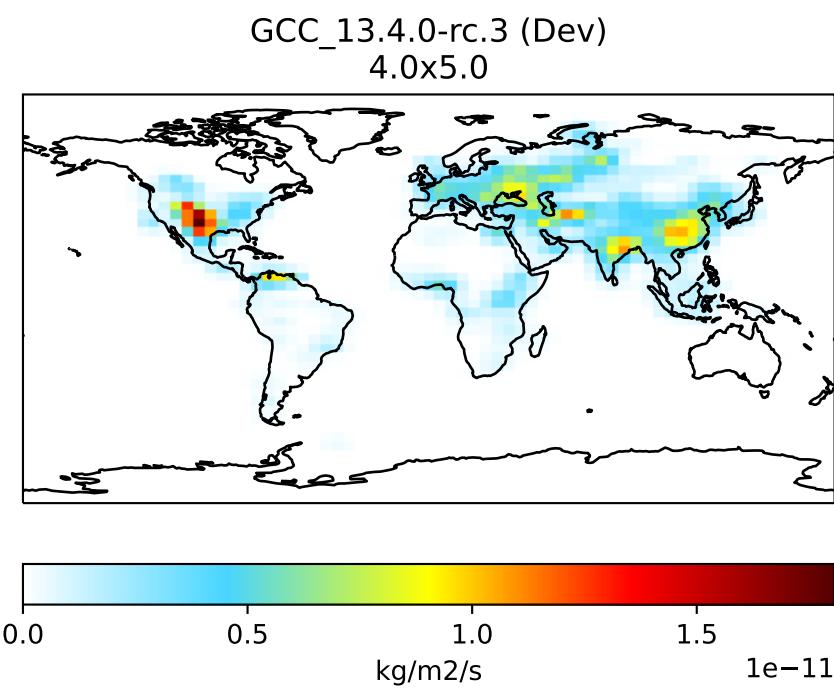
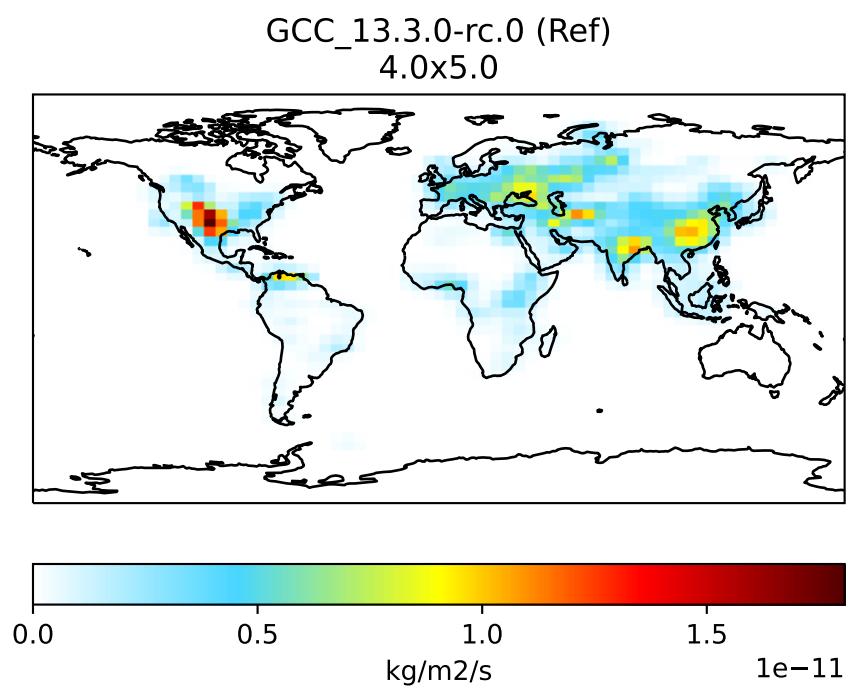
EmisC2H4_Total (Jul2019)



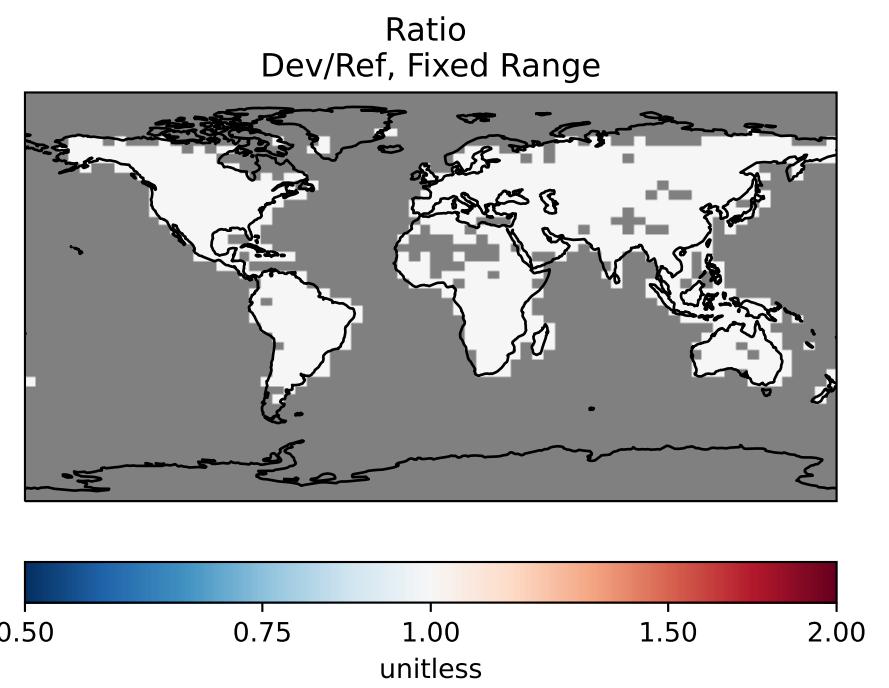
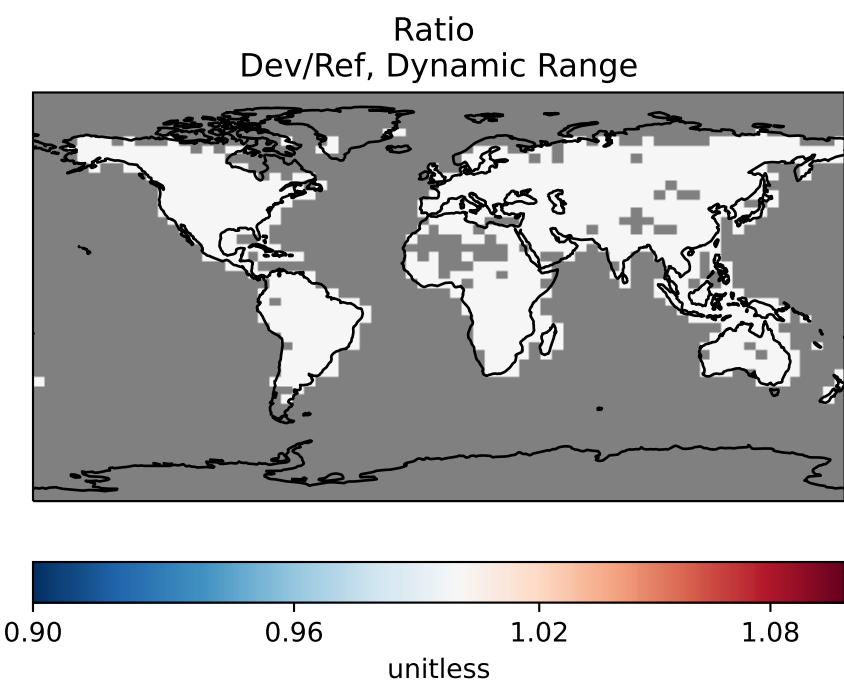
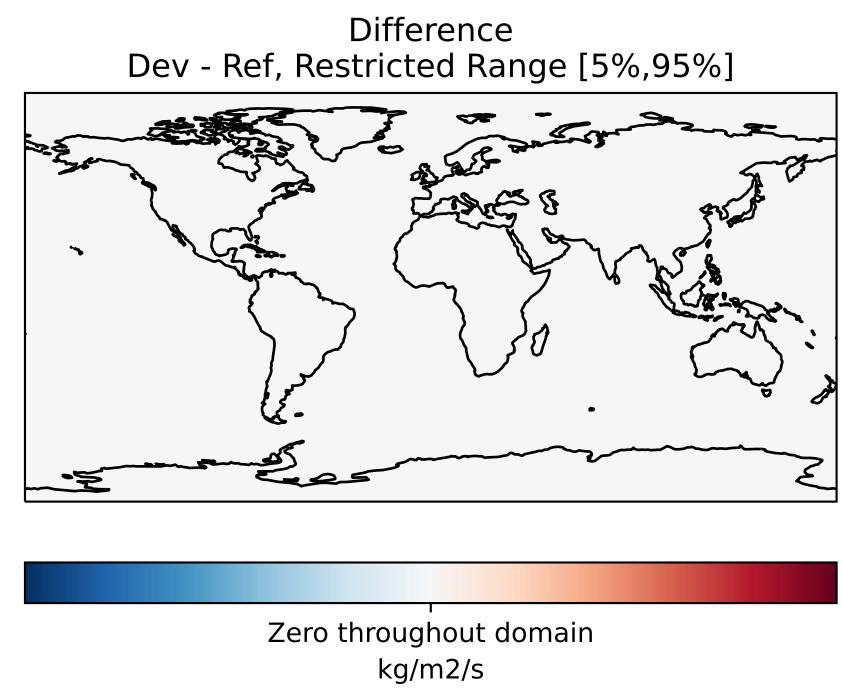
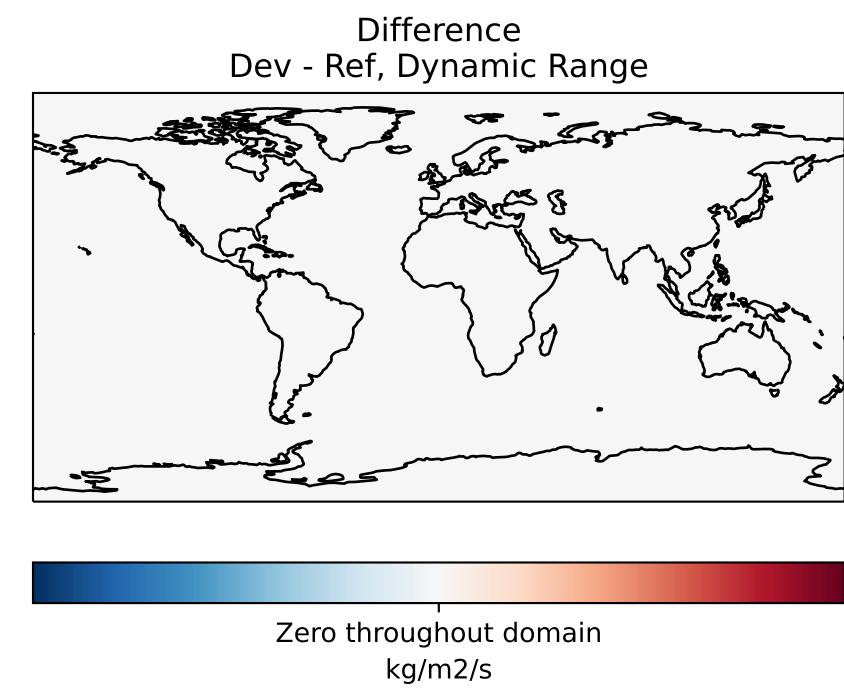
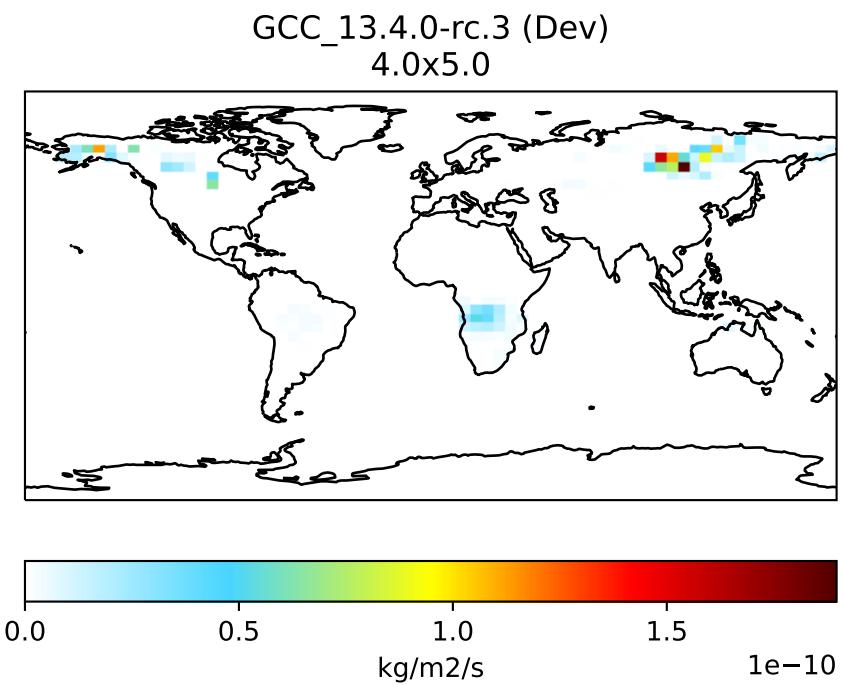
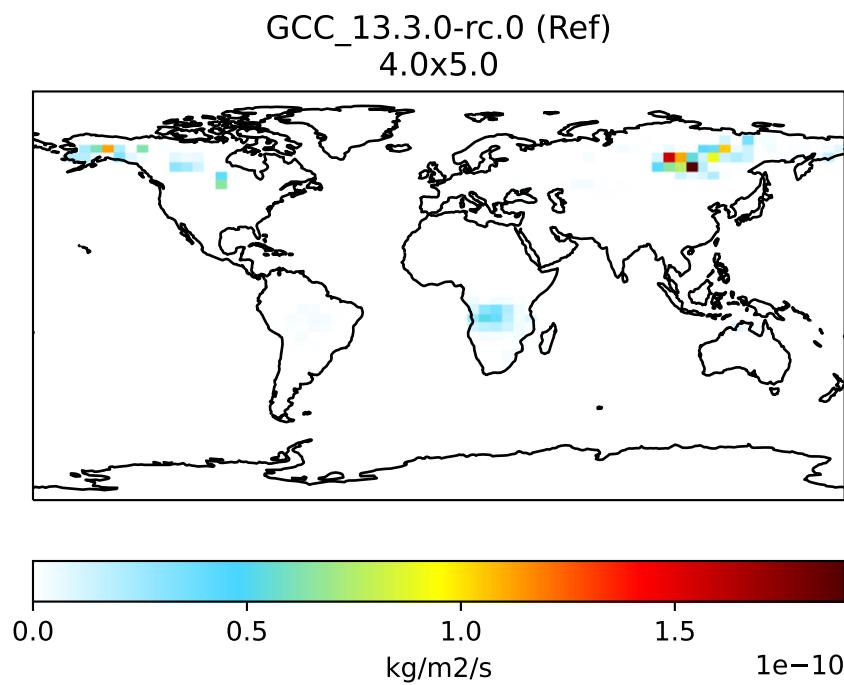
EmisC2H6_Aircraft (Jul2019)



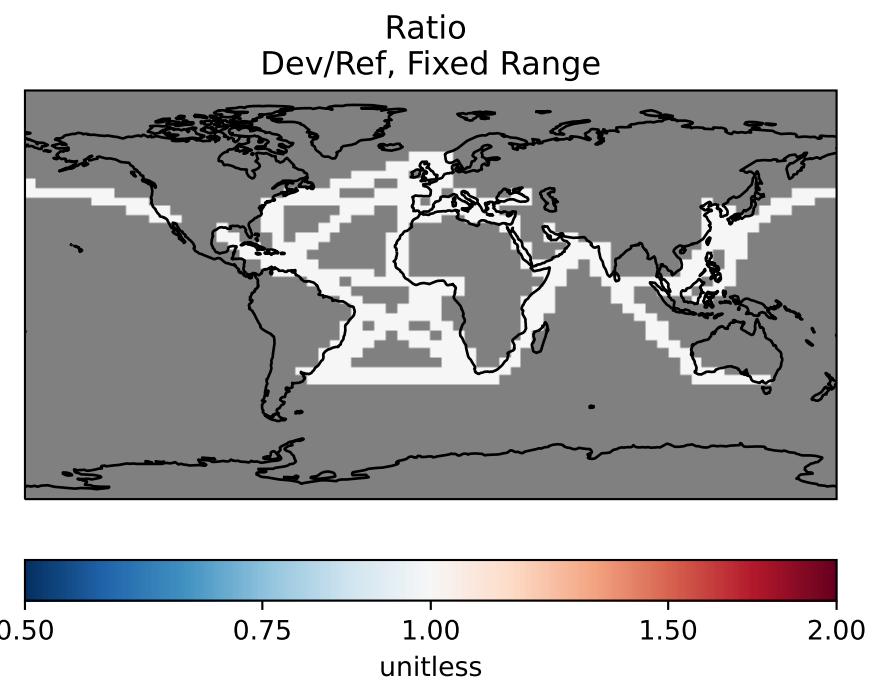
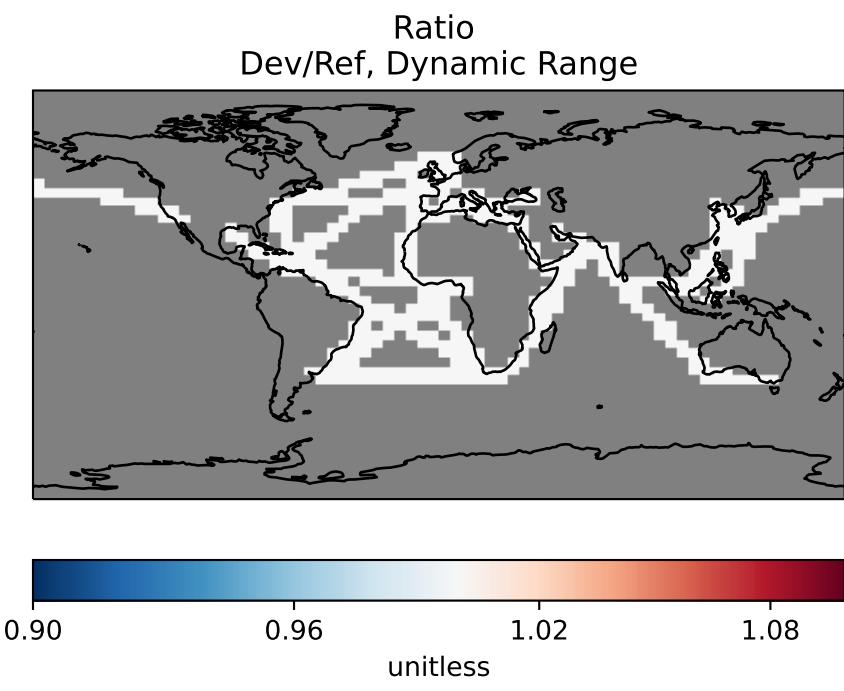
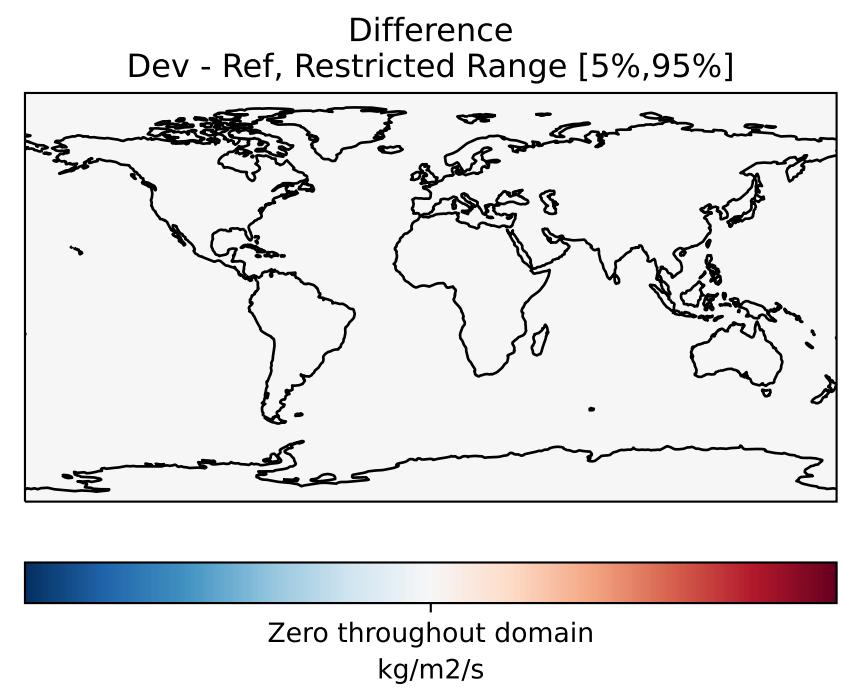
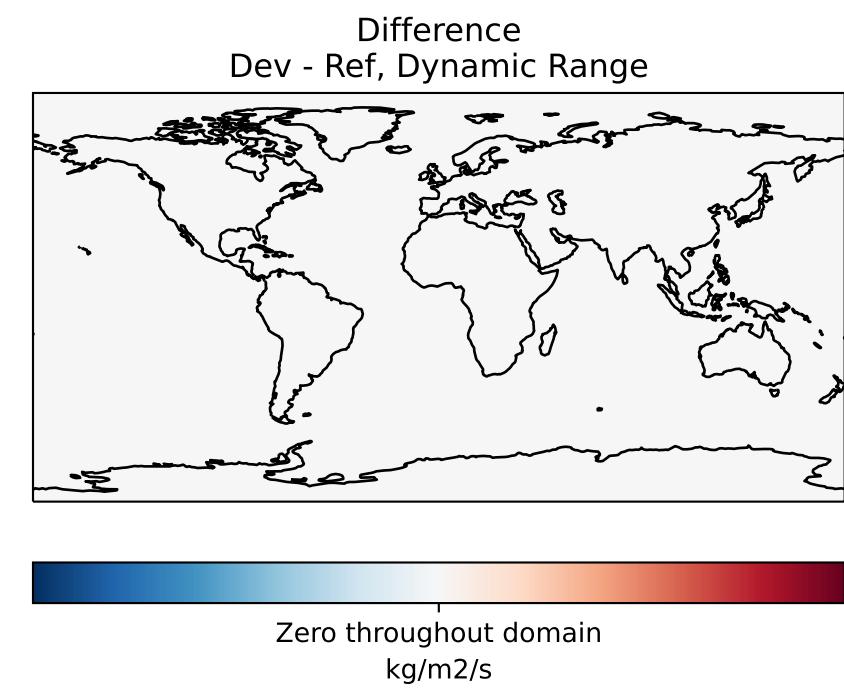
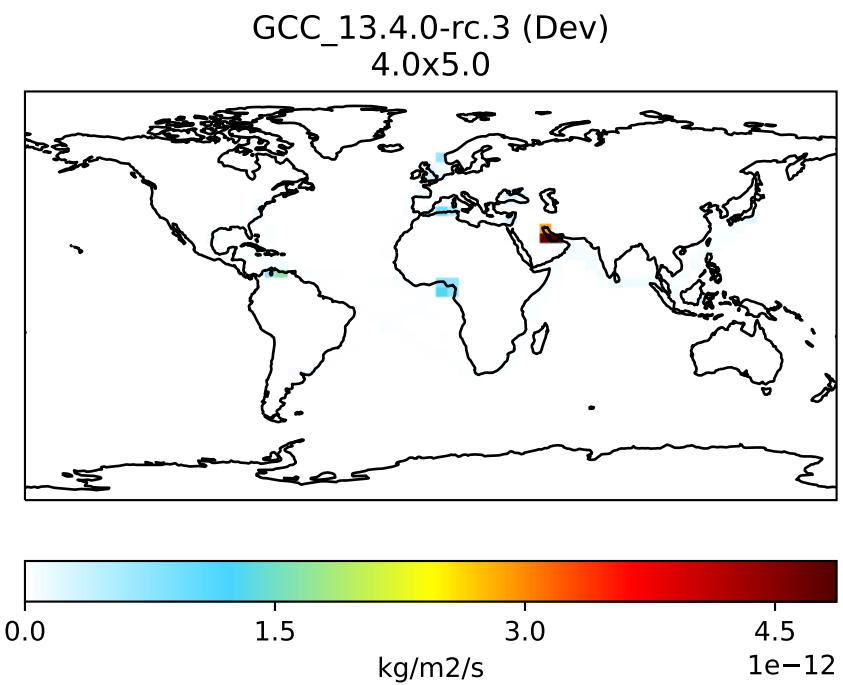
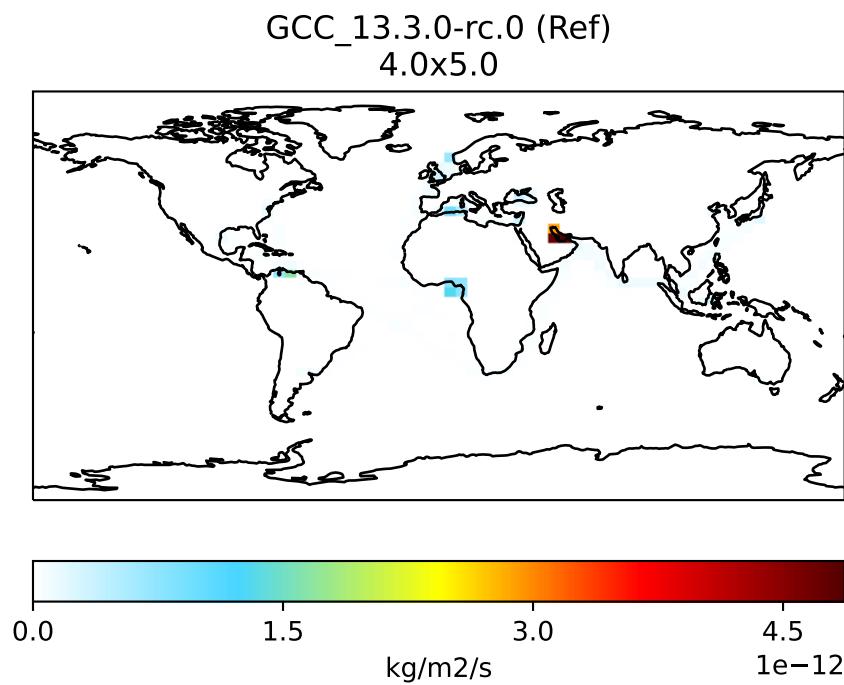
EmisC2H6_Anthro (Jul2019)



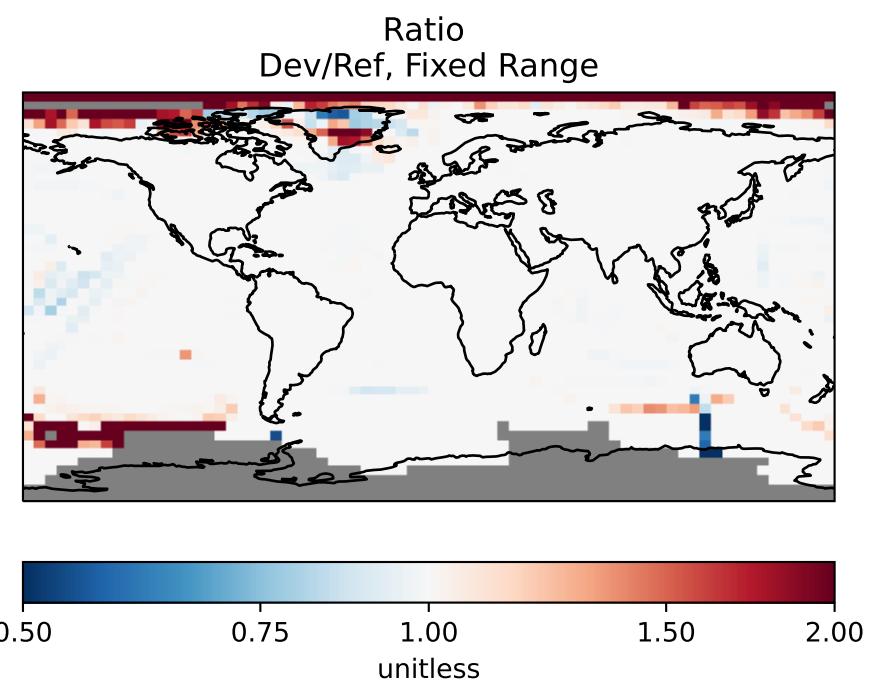
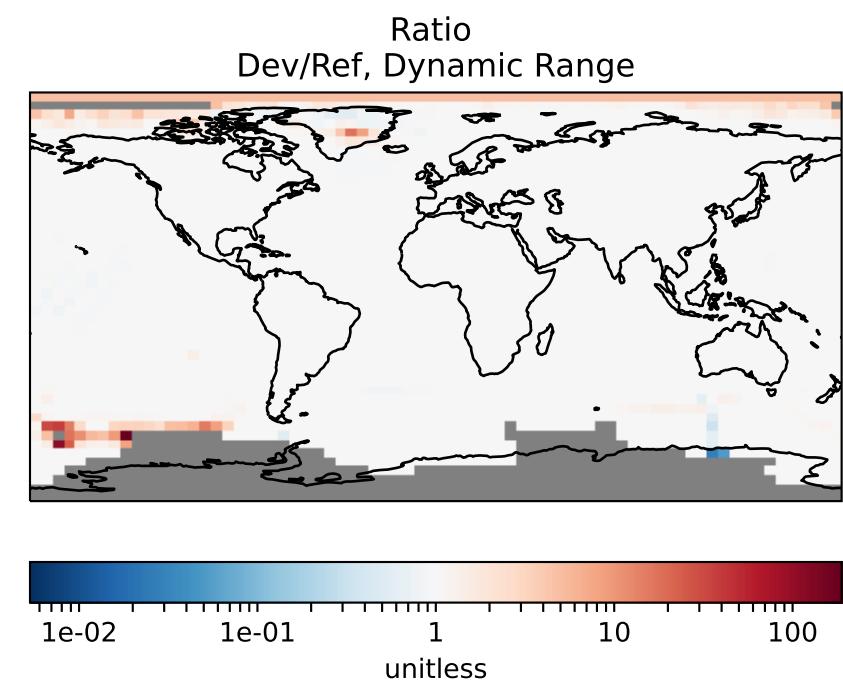
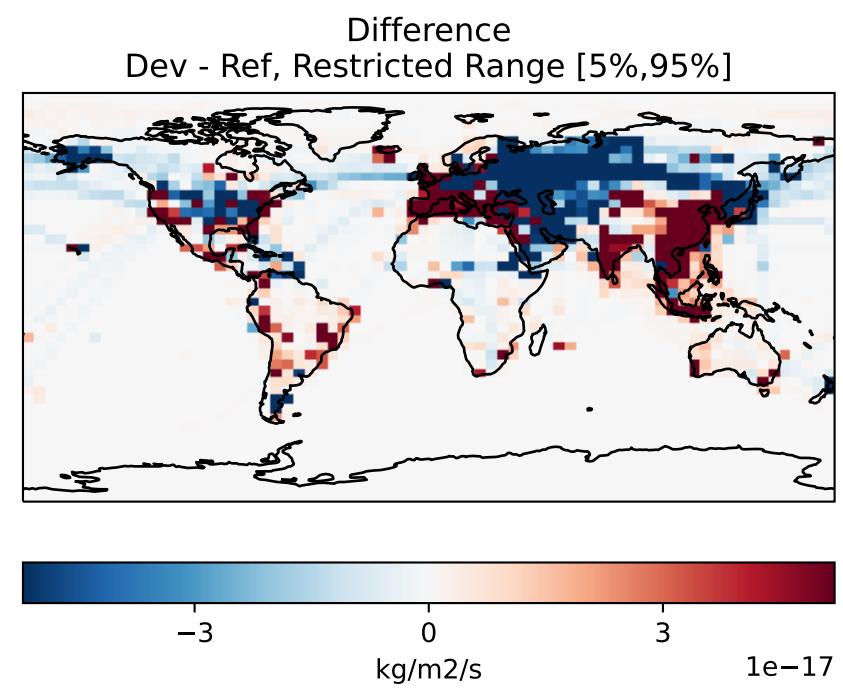
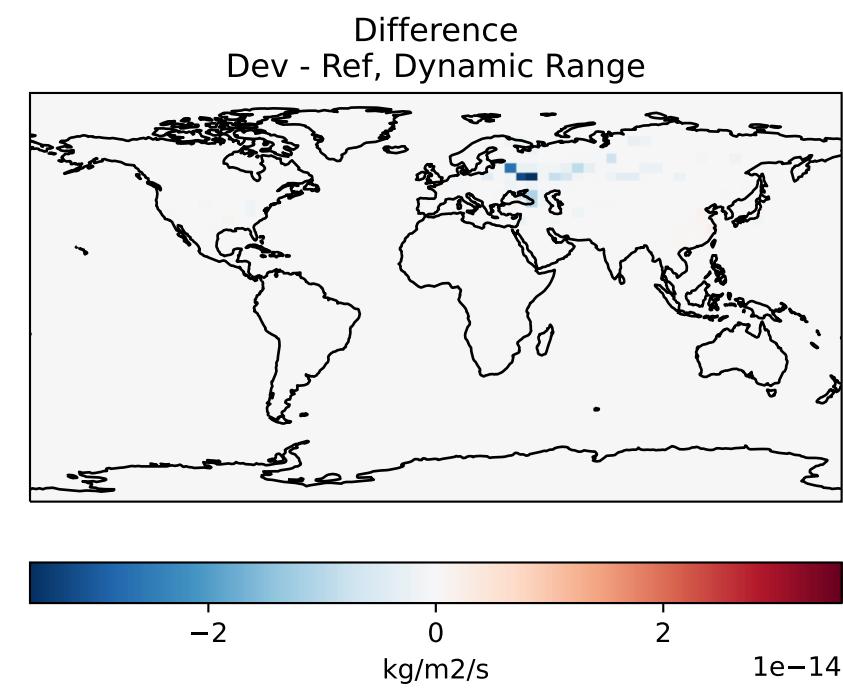
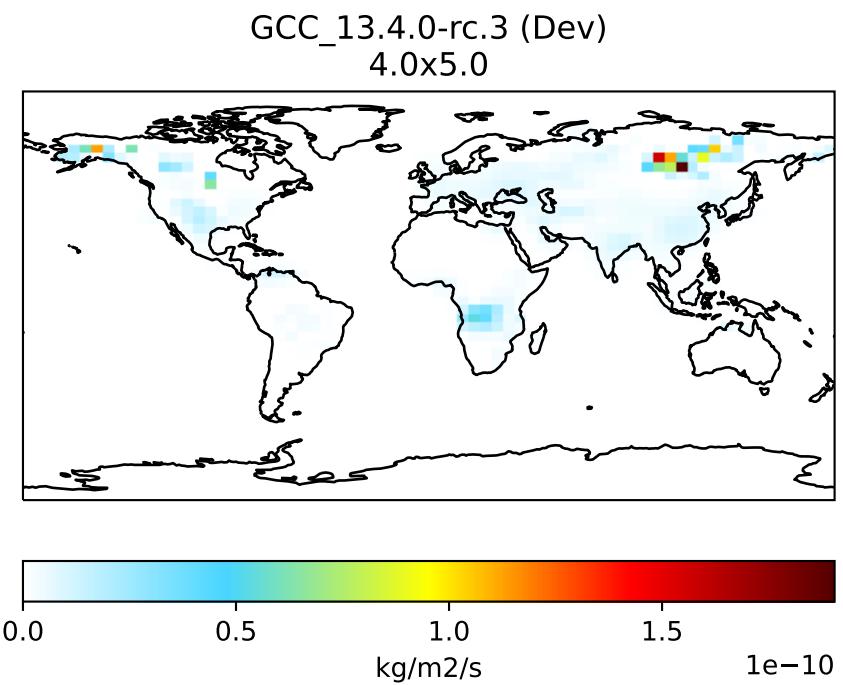
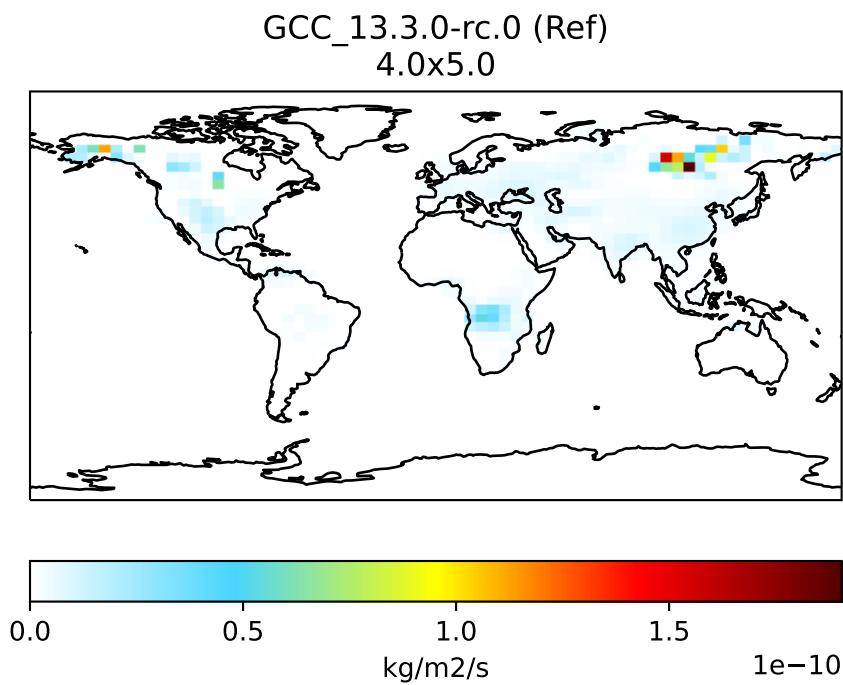
EmisC2H6_BioBurn (Jul2019)



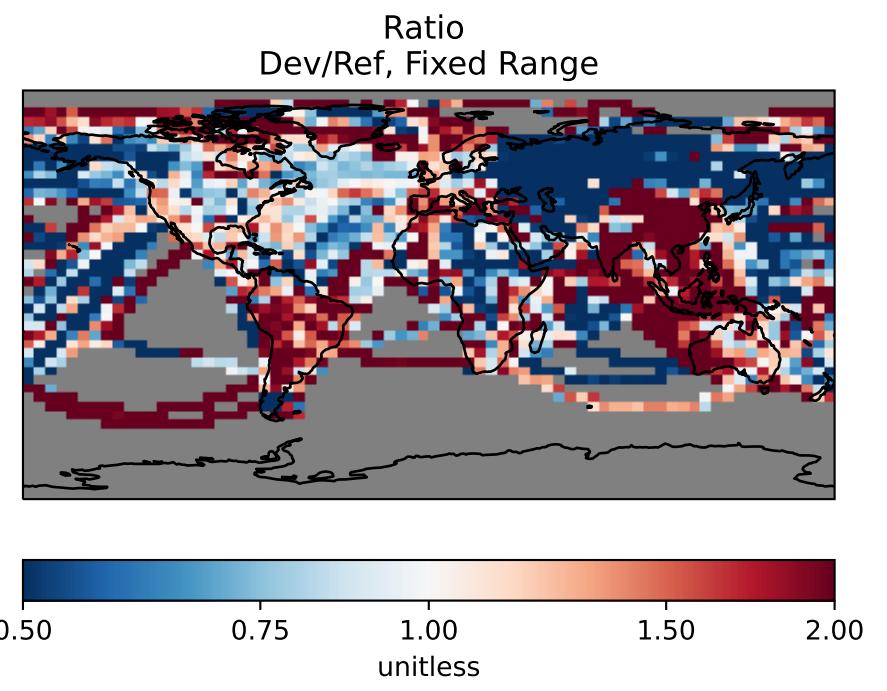
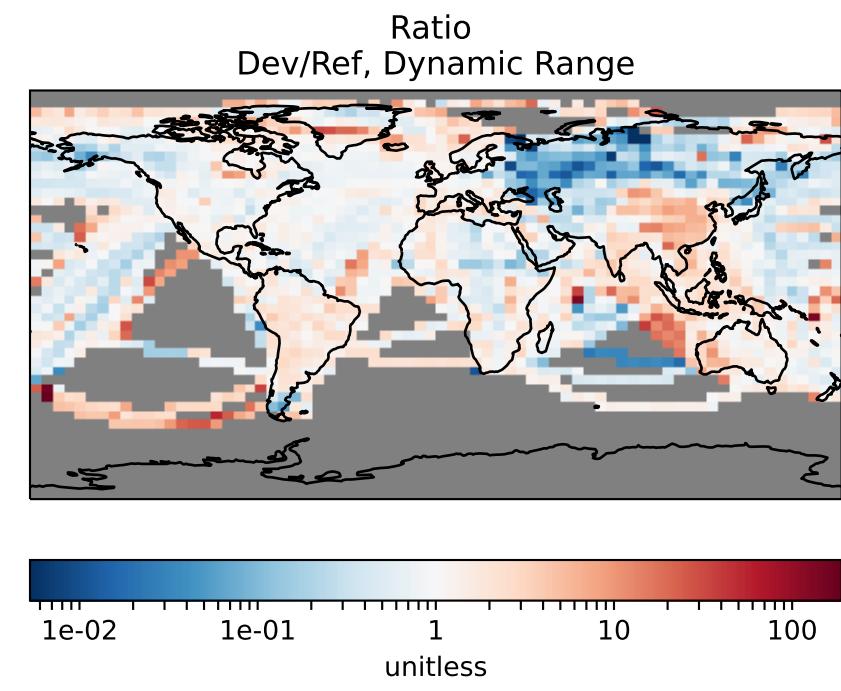
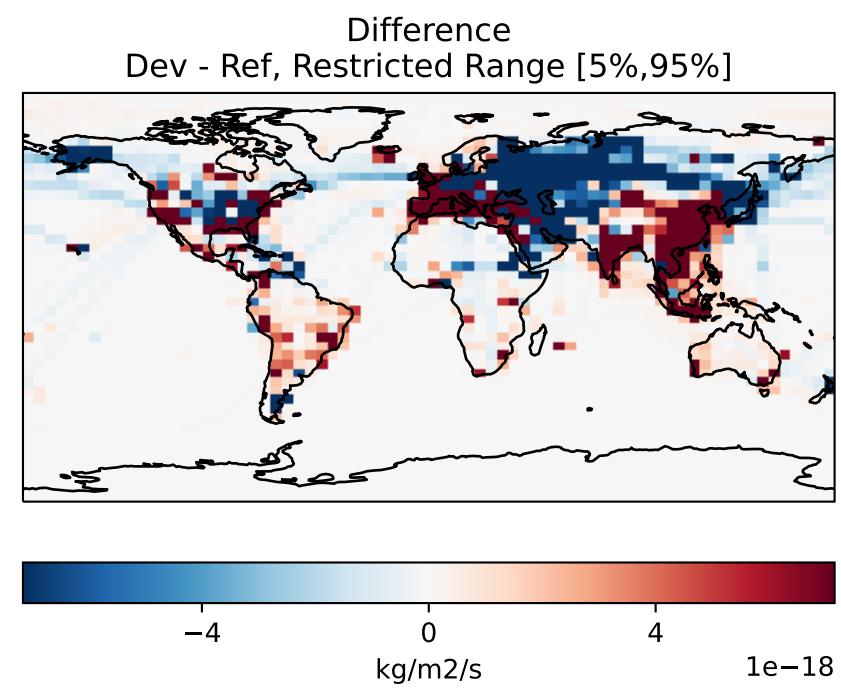
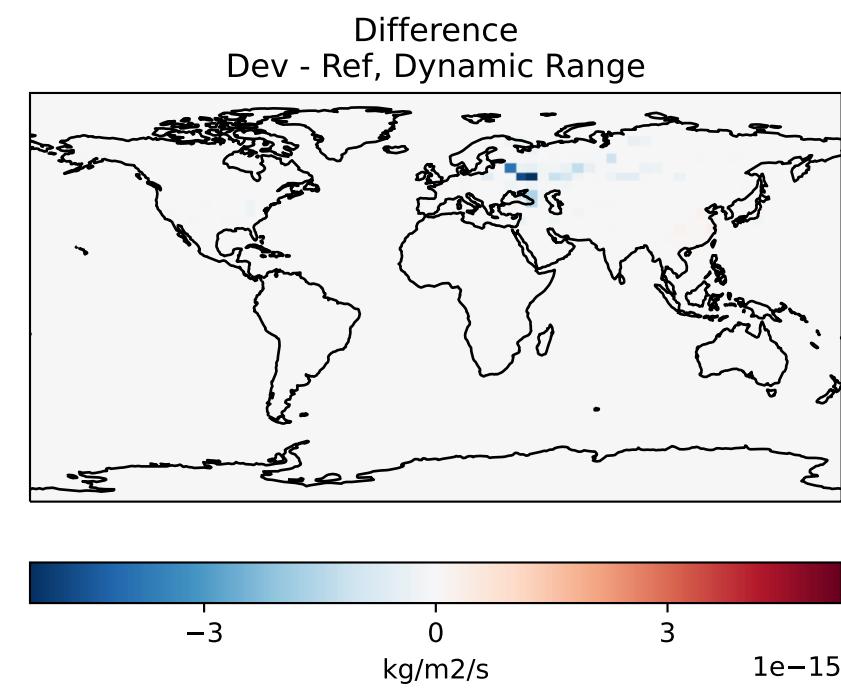
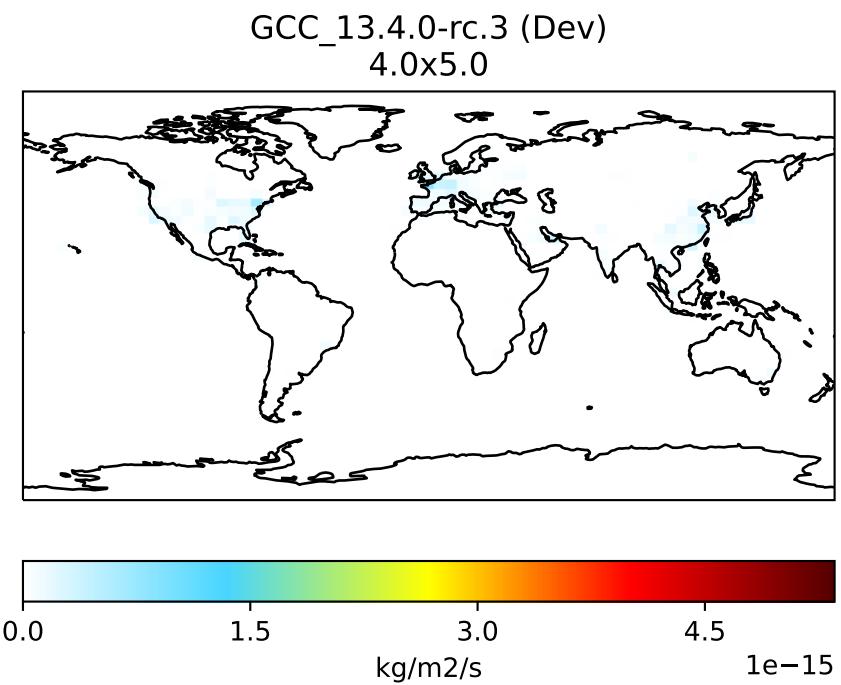
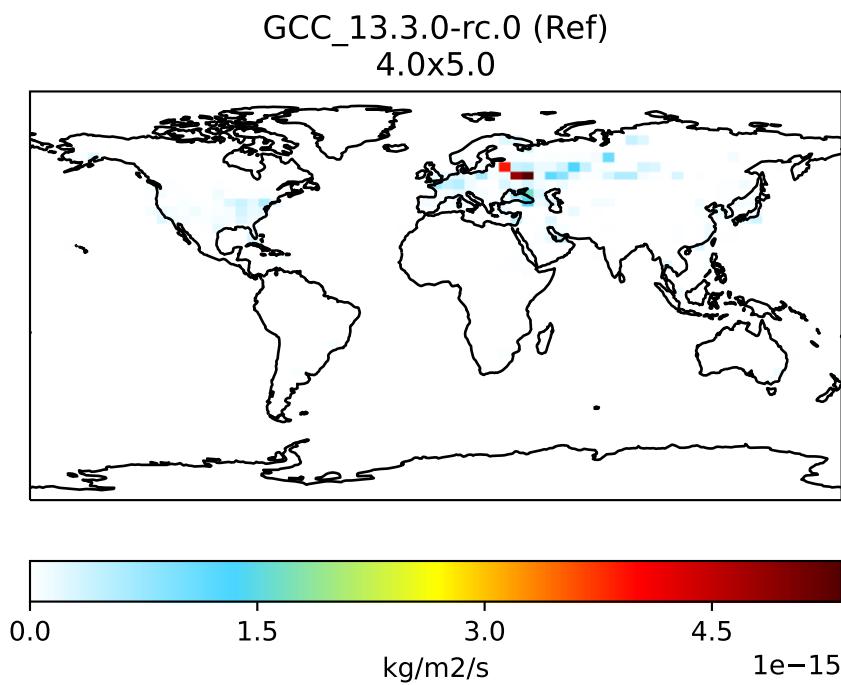
EmisC2H6_Ship (Jul2019)



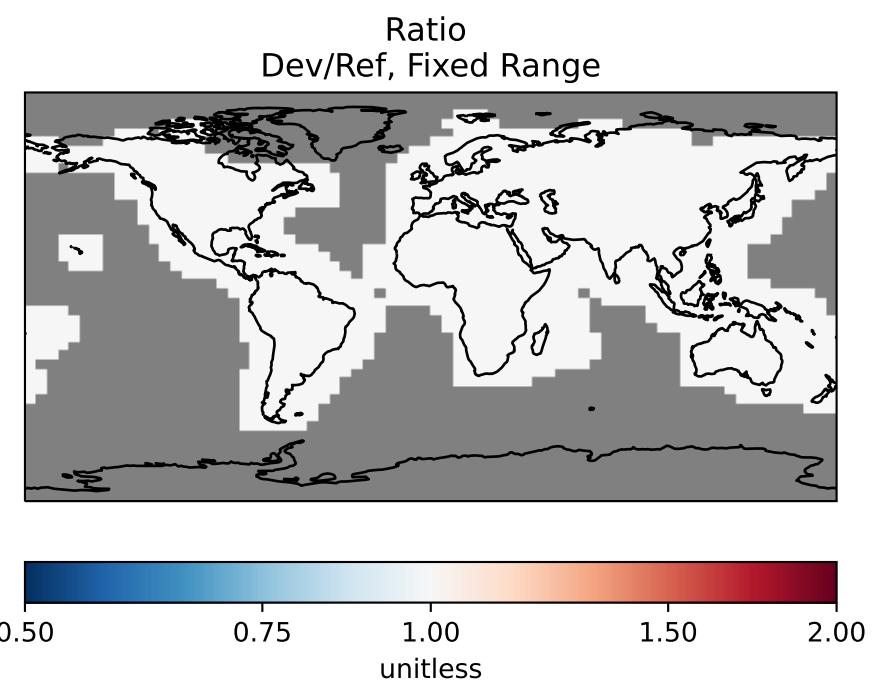
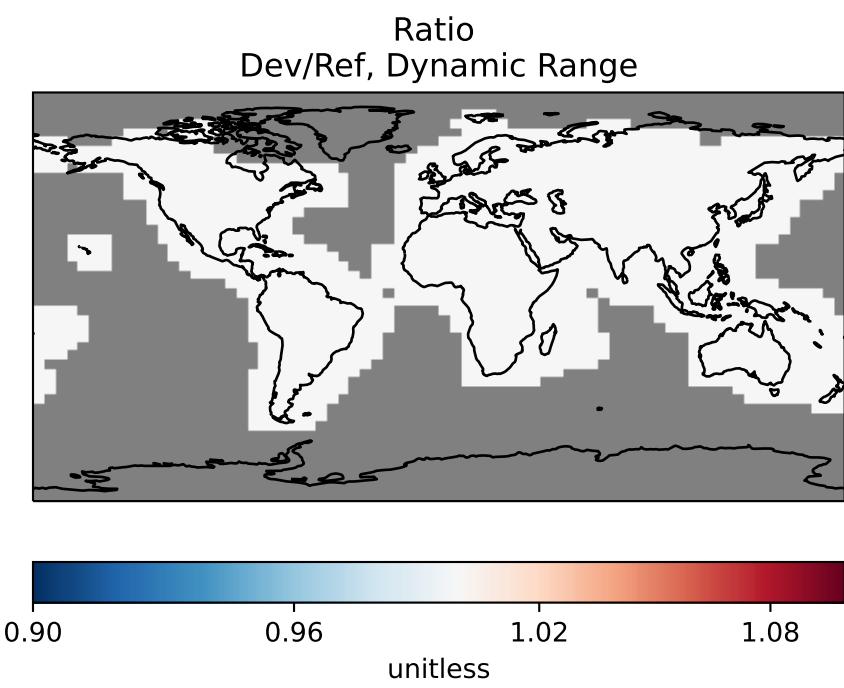
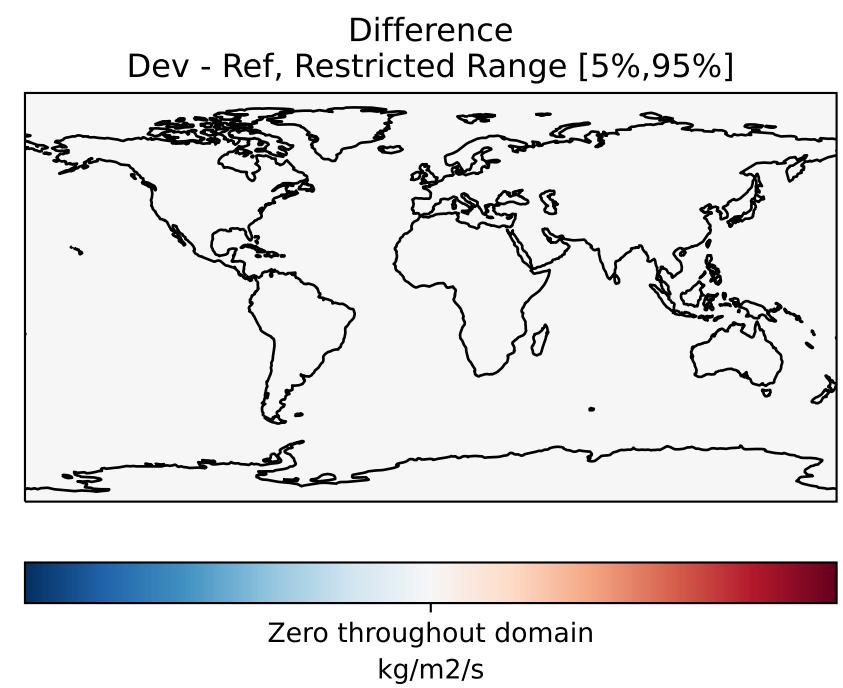
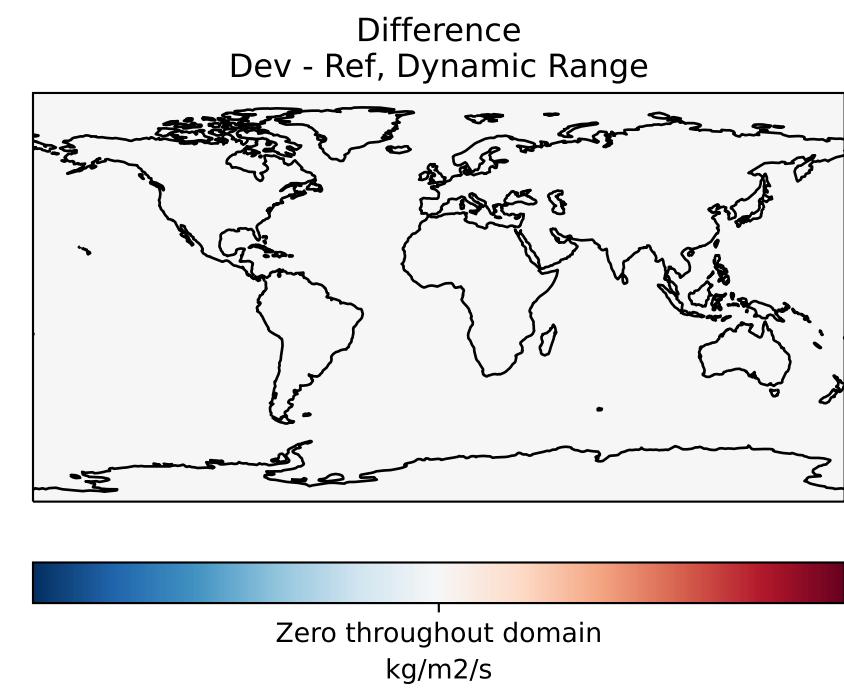
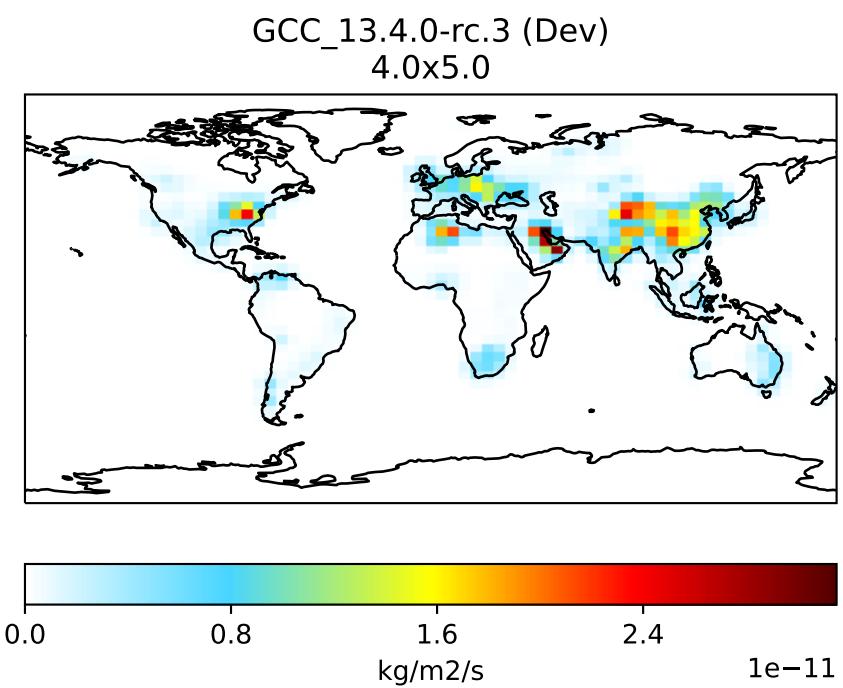
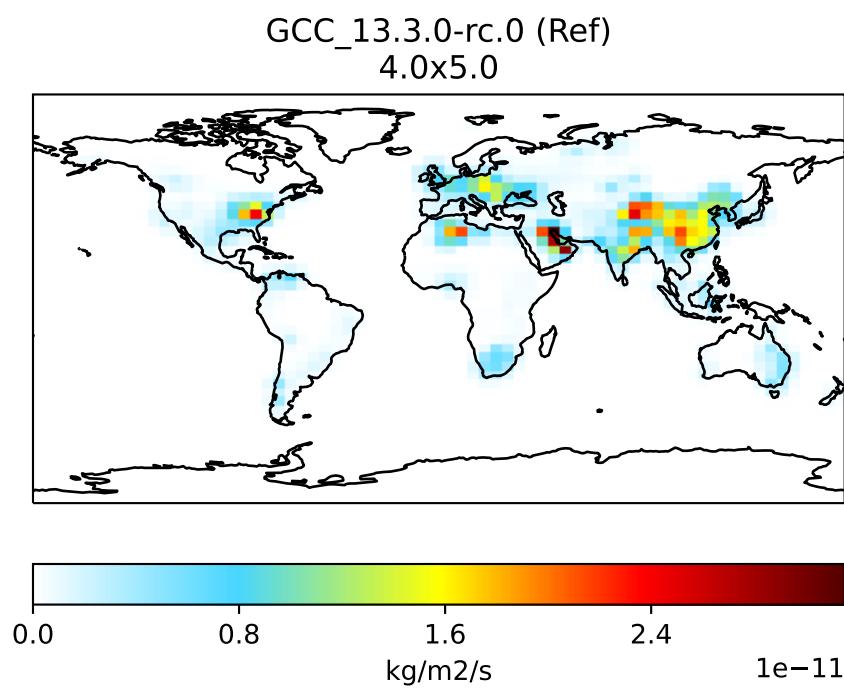
EmisC2H6_Total (Jul2019)



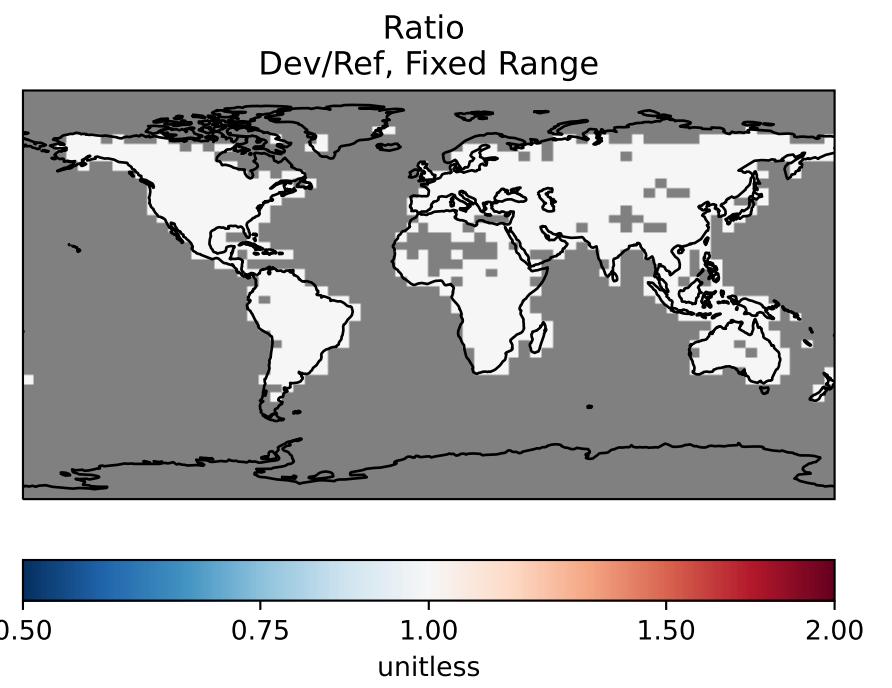
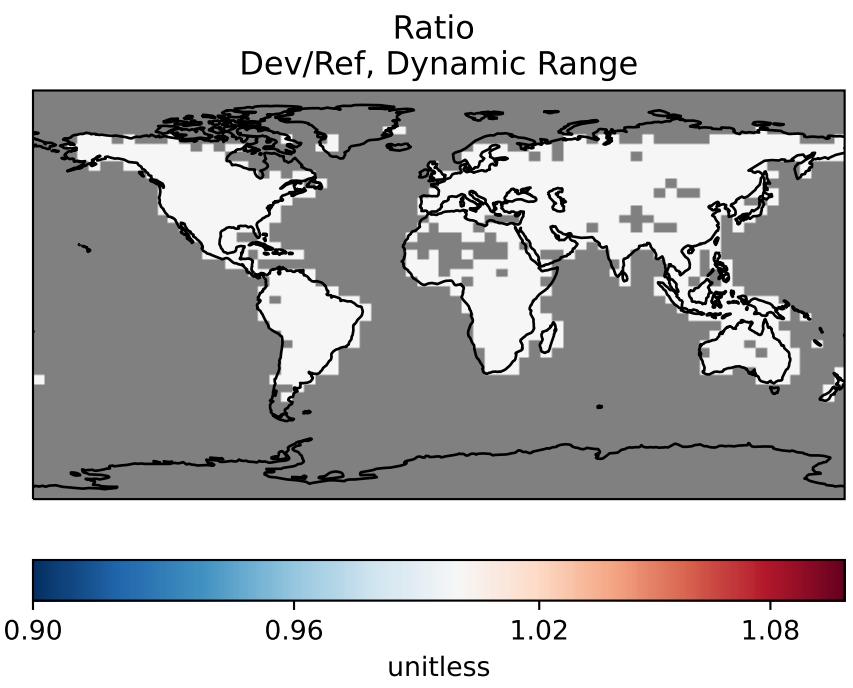
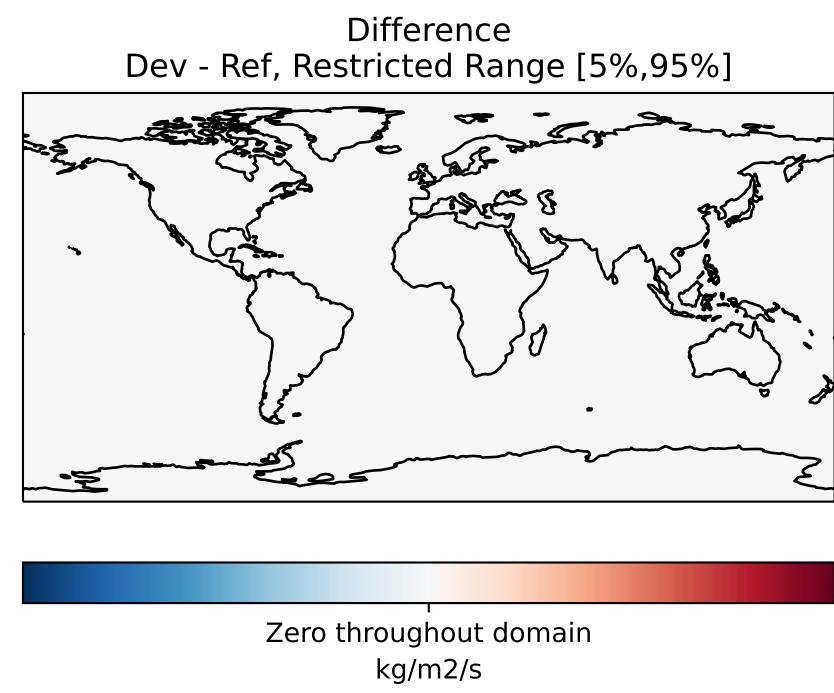
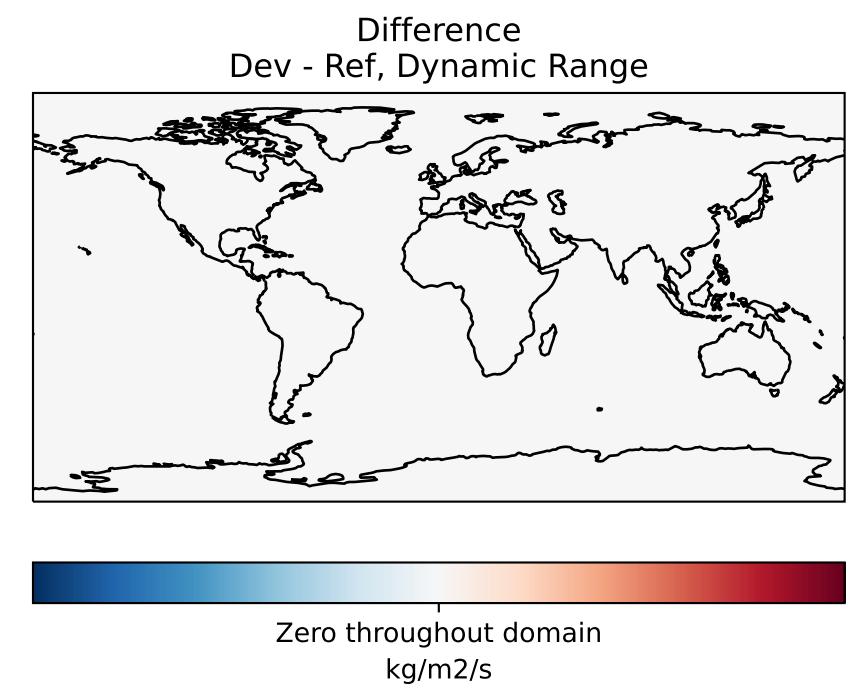
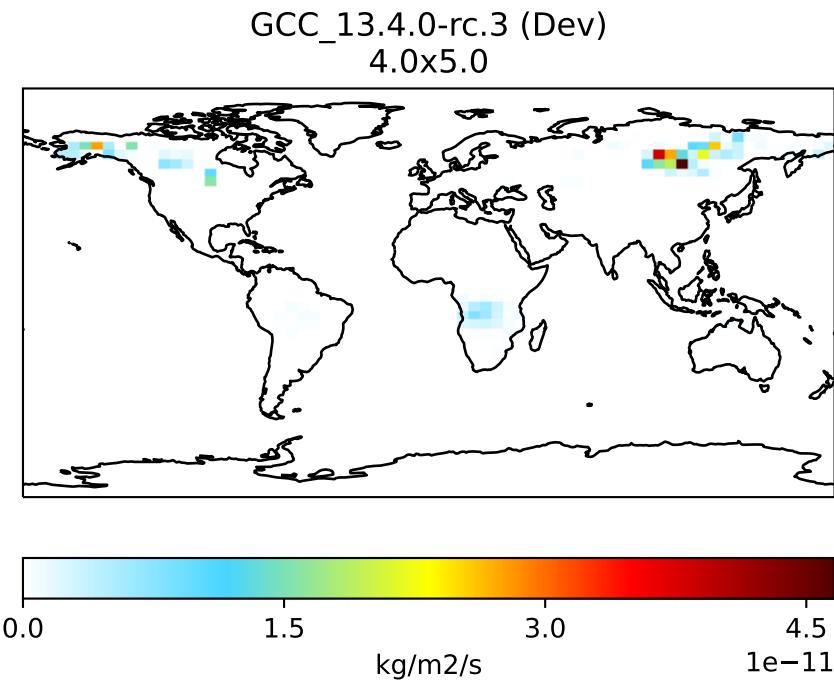
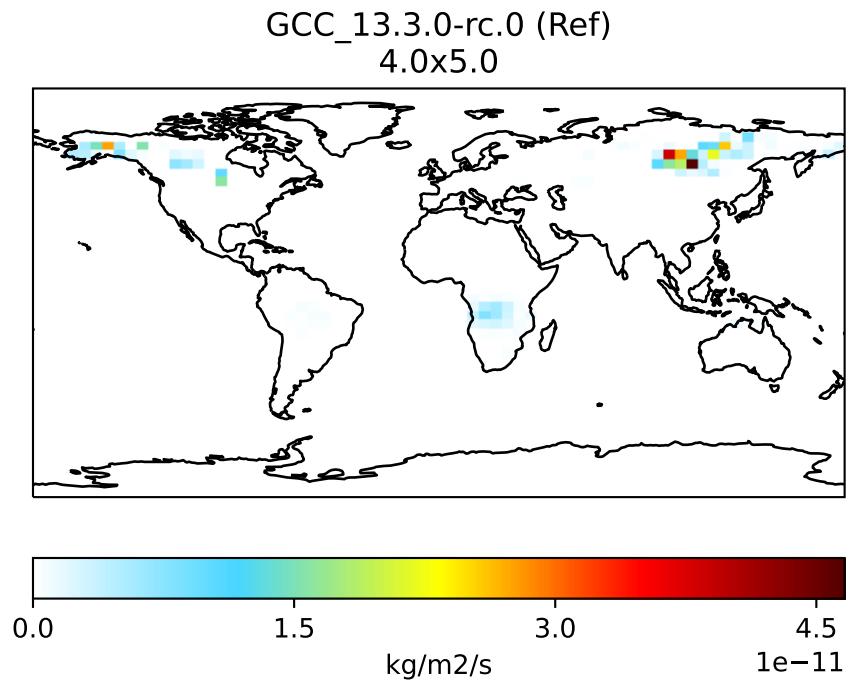
EmisC3H8_Aircraft (Jul2019)



EmisC3H8_Anthro (Jul2019)

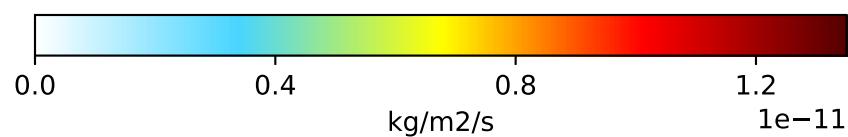
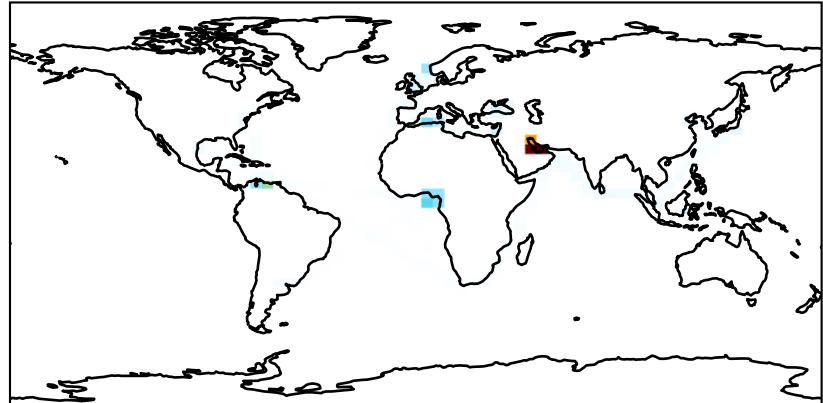


EmisC3H8_BioBurn (Jul2019)

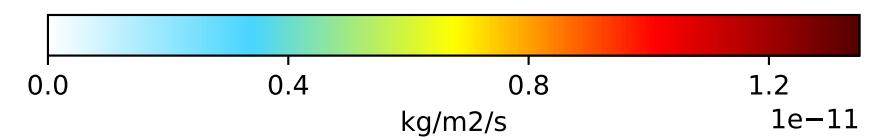
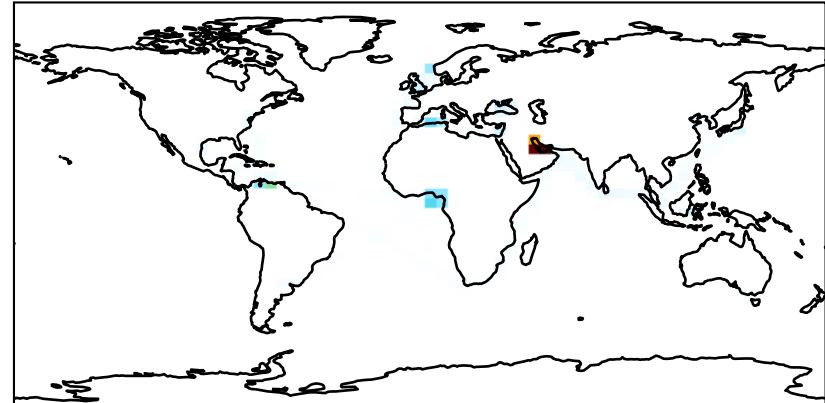


EmisC3H8_Ship (Jul2019)

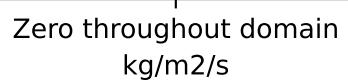
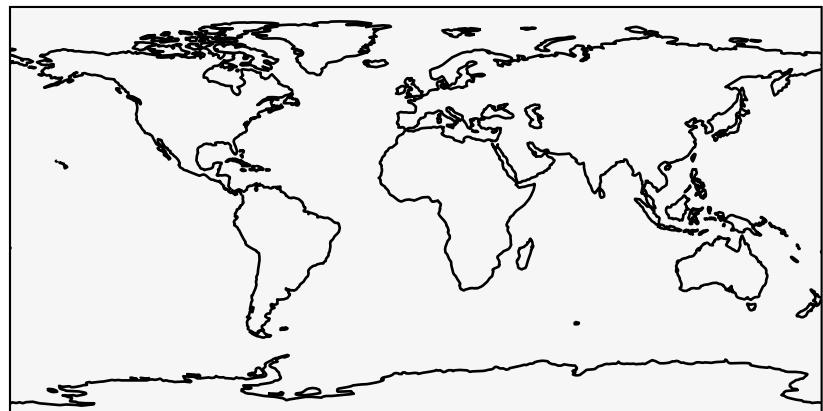
GCC_13.3.0-rc.0 (Ref)
4.0x5.0



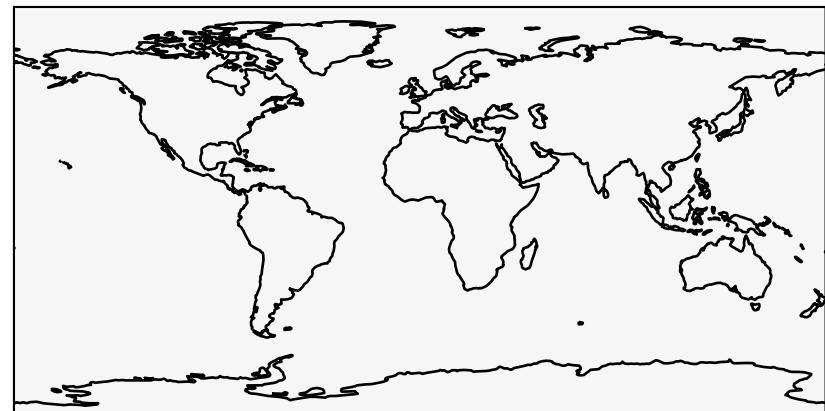
GCC_13.4.0-rc.3 (Dev)
4.0x5.0



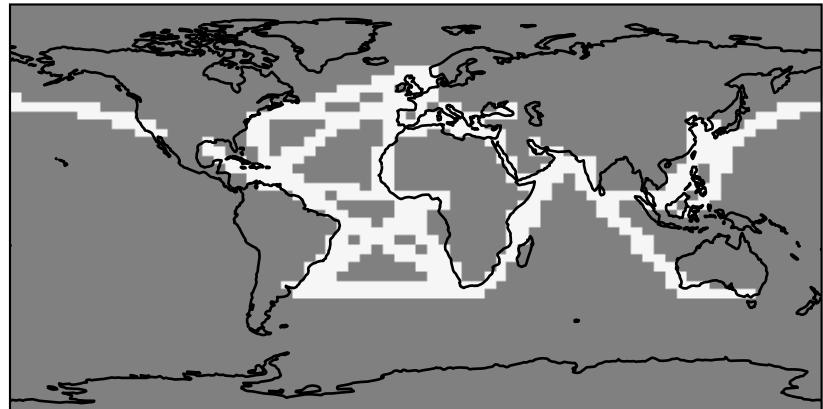
Difference
Dev - Ref, Dynamic Range



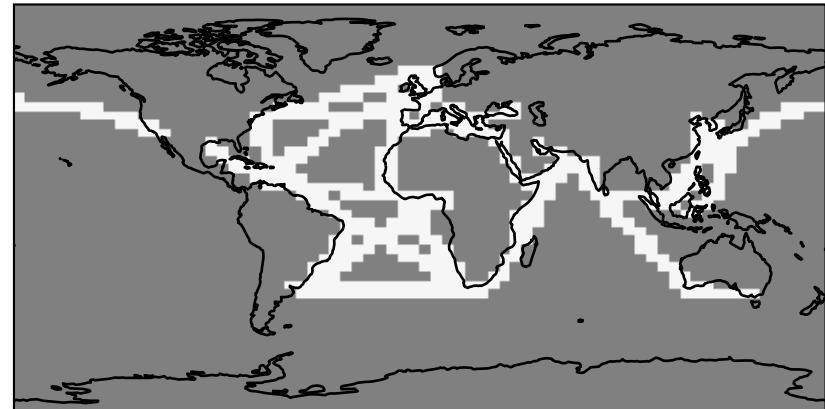
Difference
Dev - Ref, Restricted Range [5%, 95%]



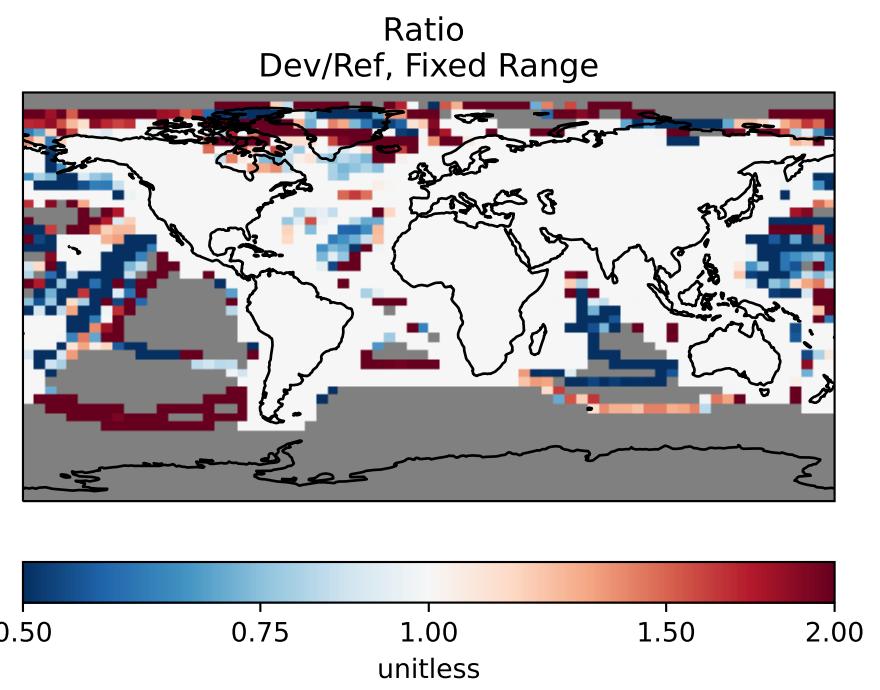
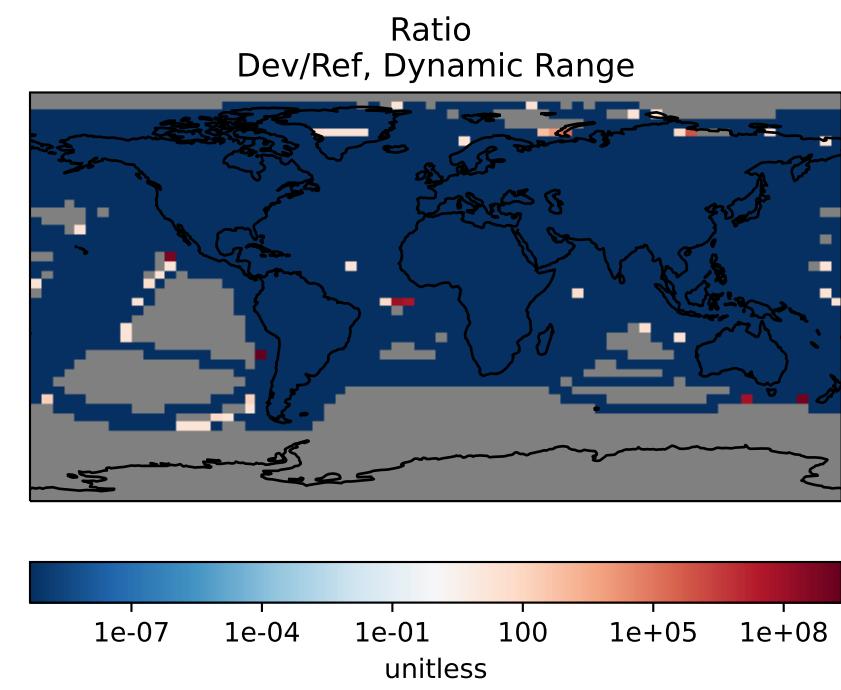
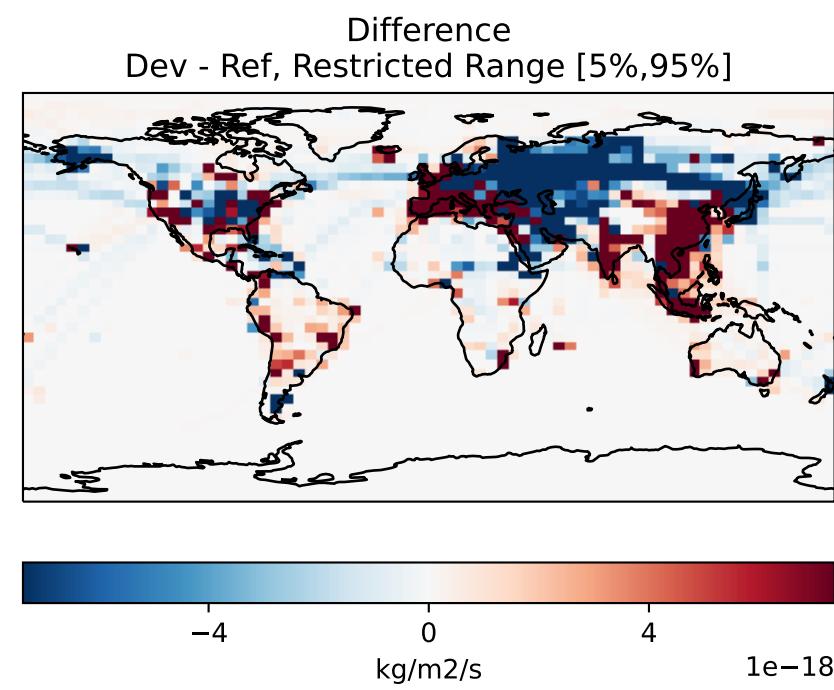
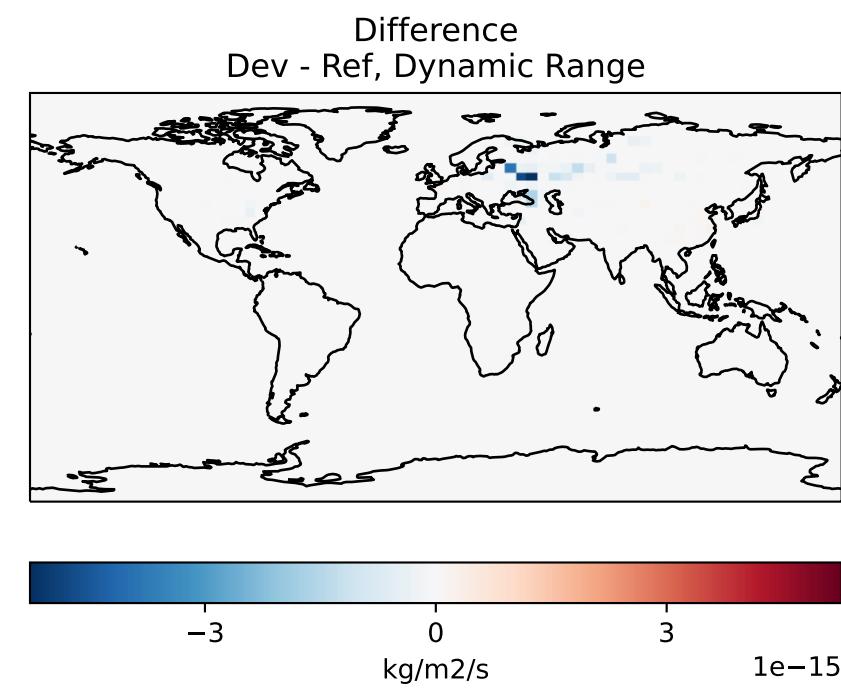
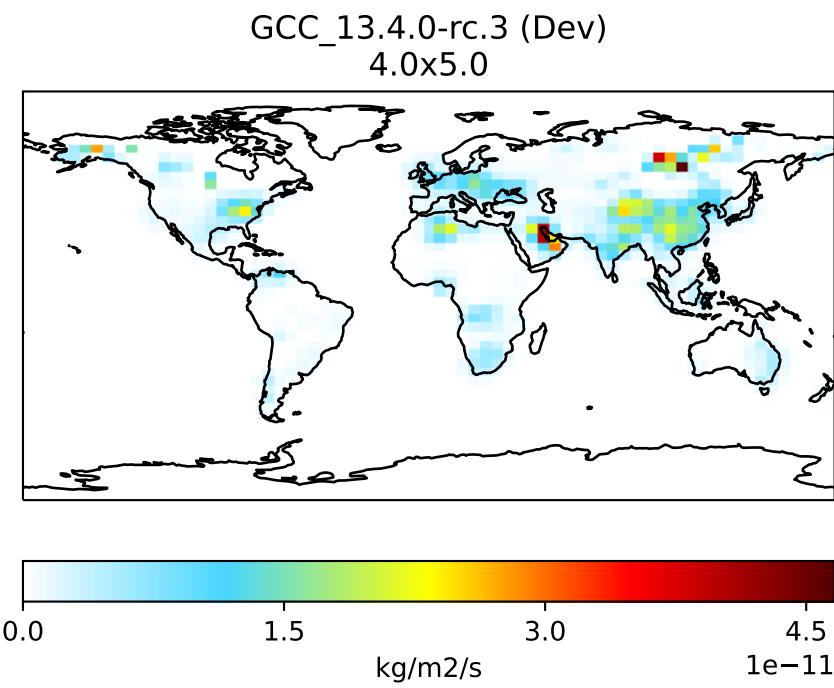
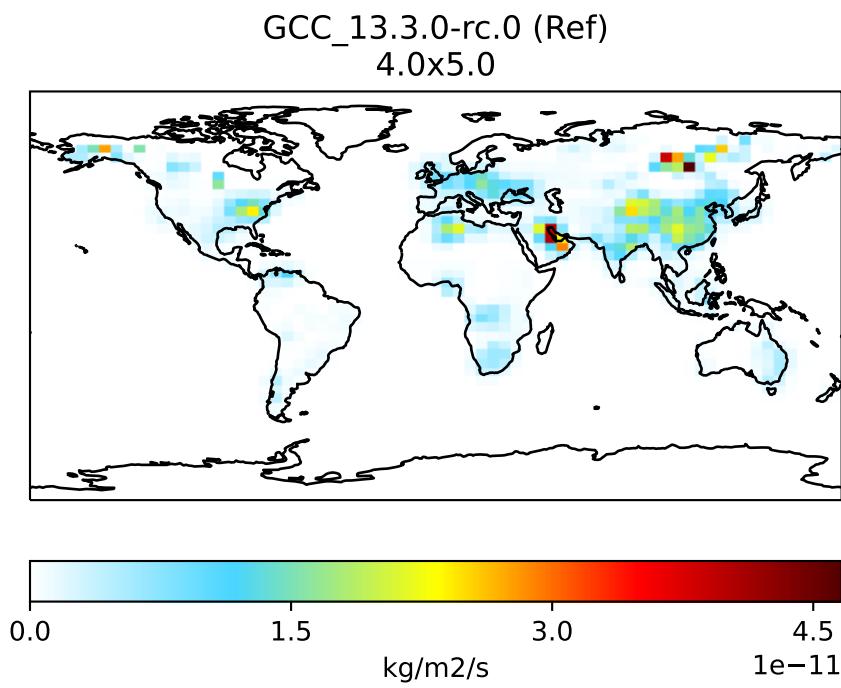
Ratio
Dev/Ref, Dynamic Range



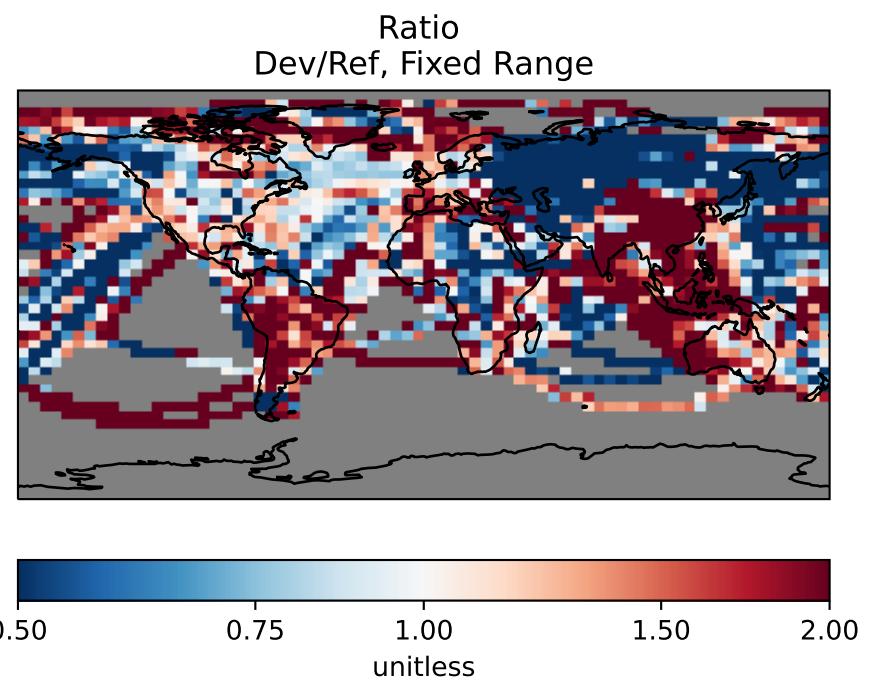
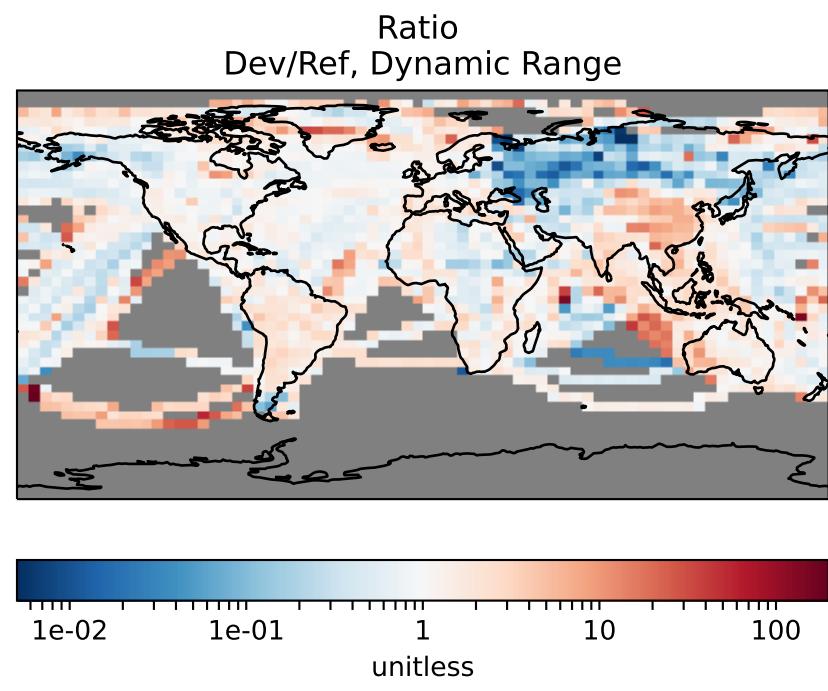
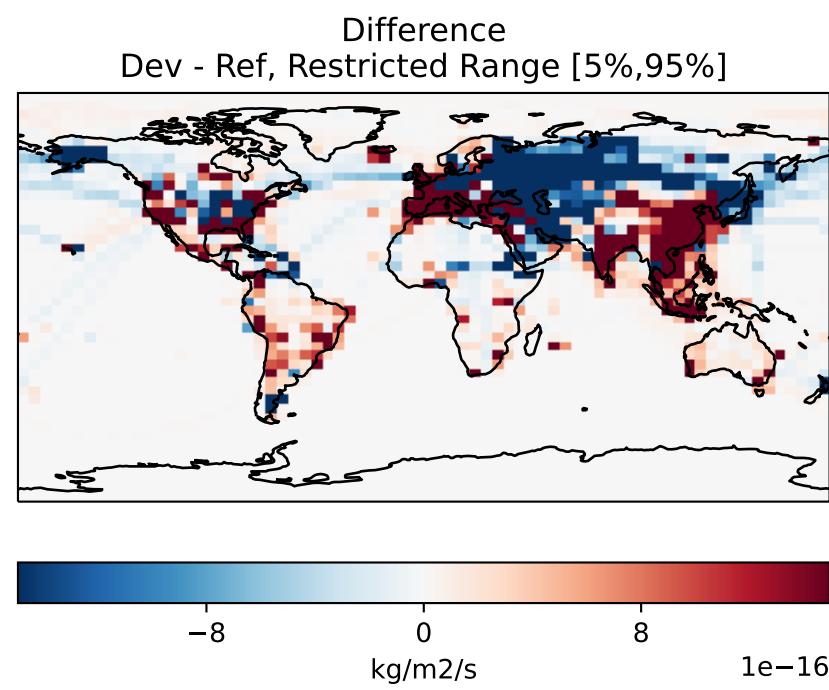
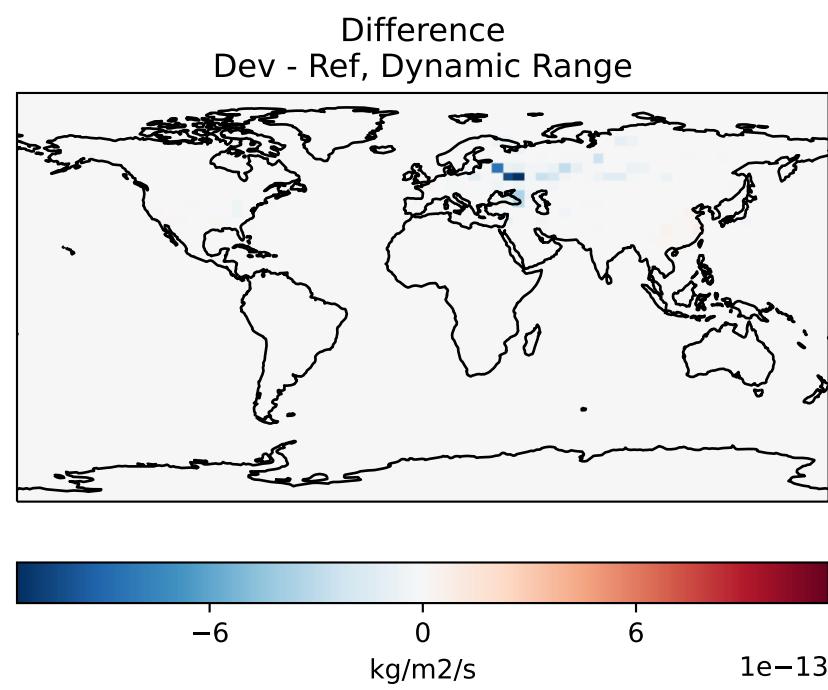
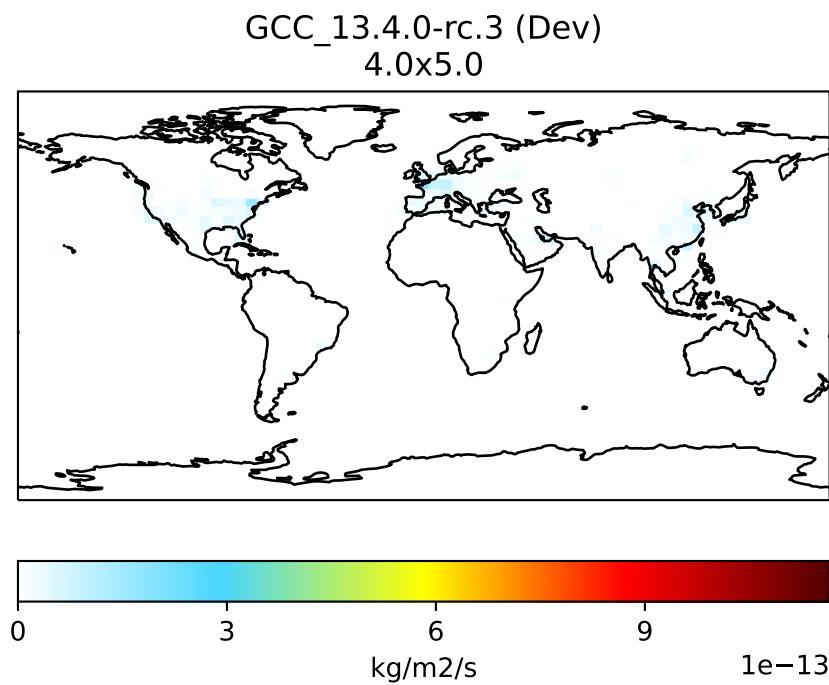
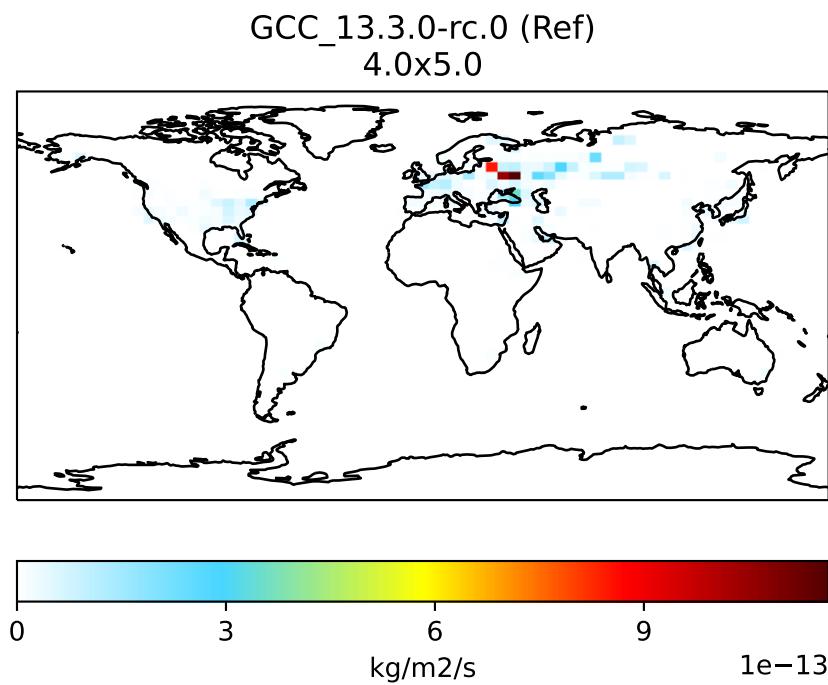
Ratio
Dev/Ref, Fixed Range



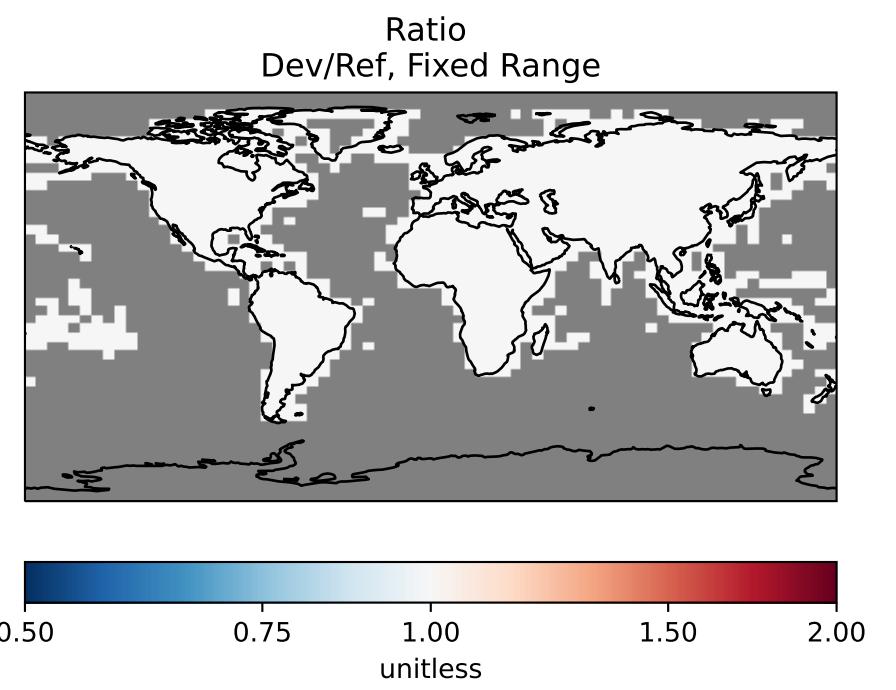
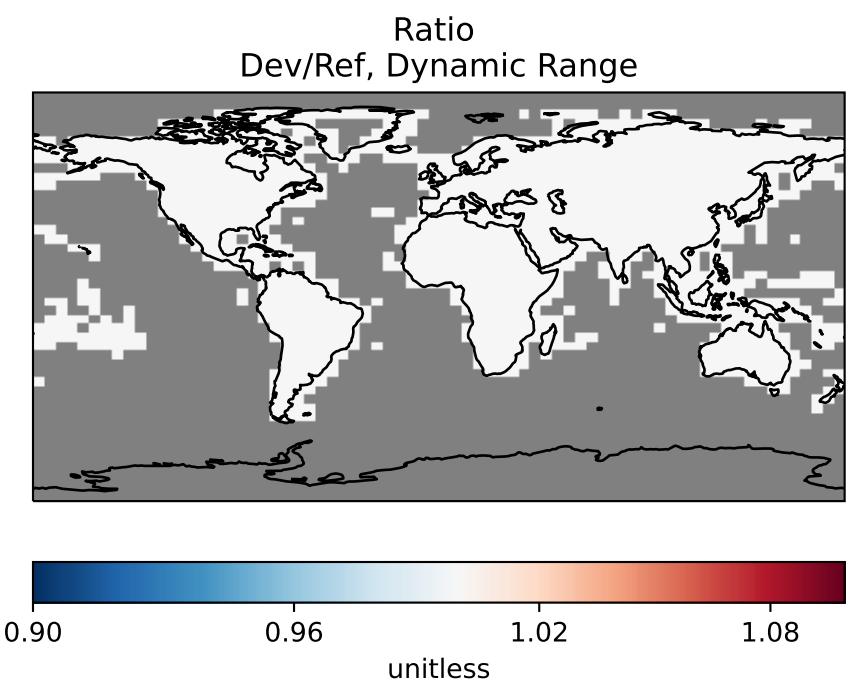
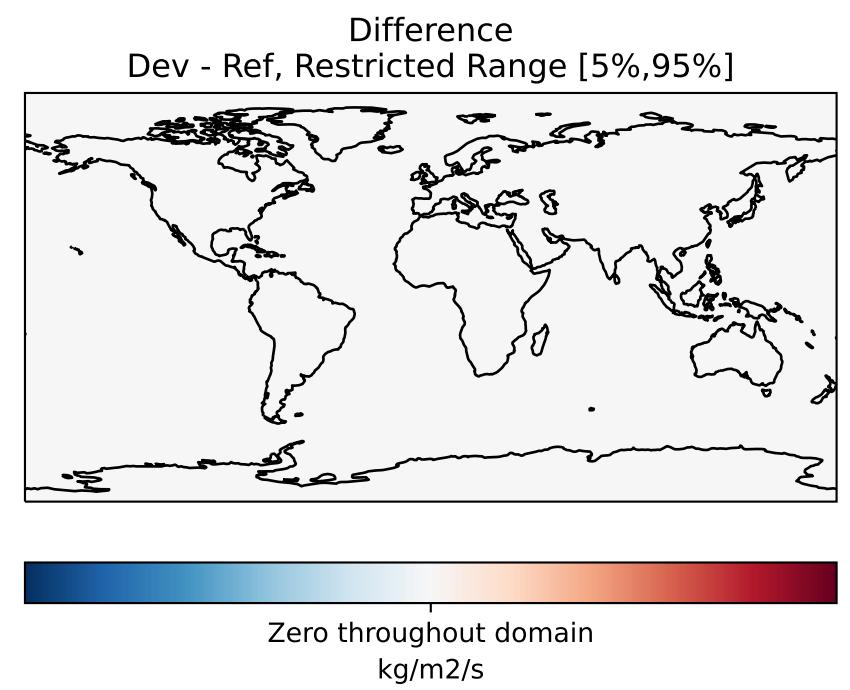
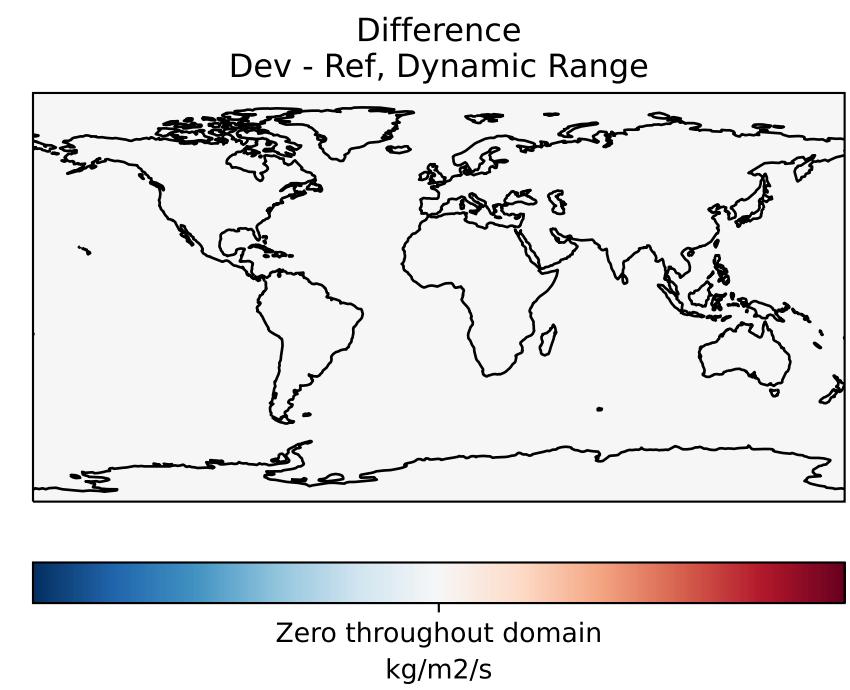
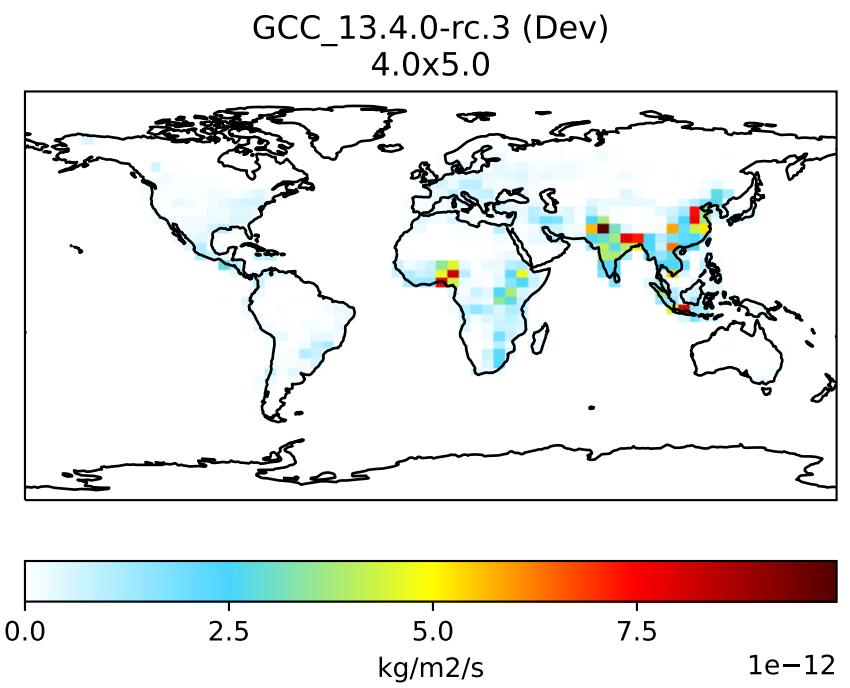
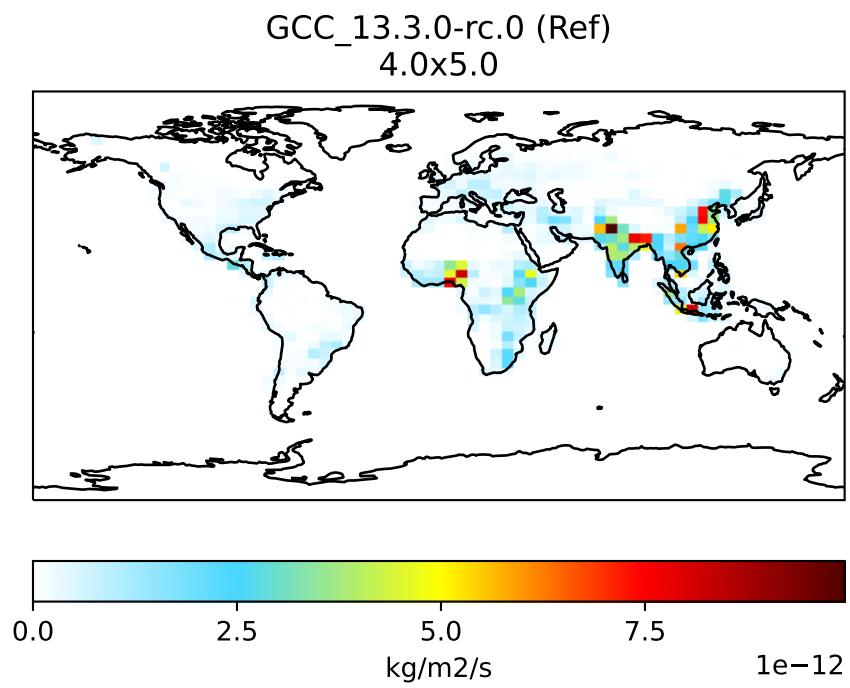
EmisC3H8_Total (Jul2019)



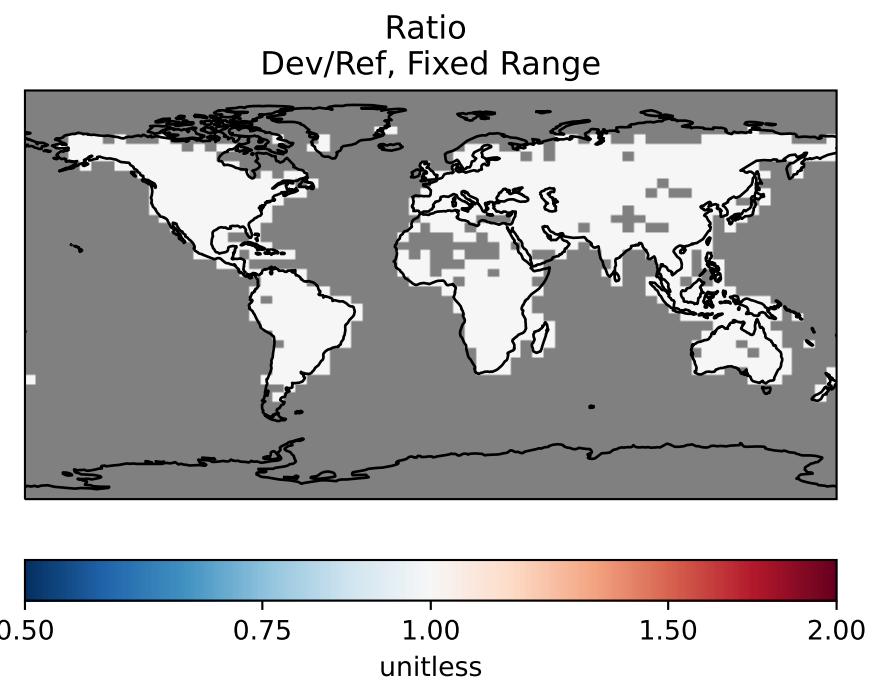
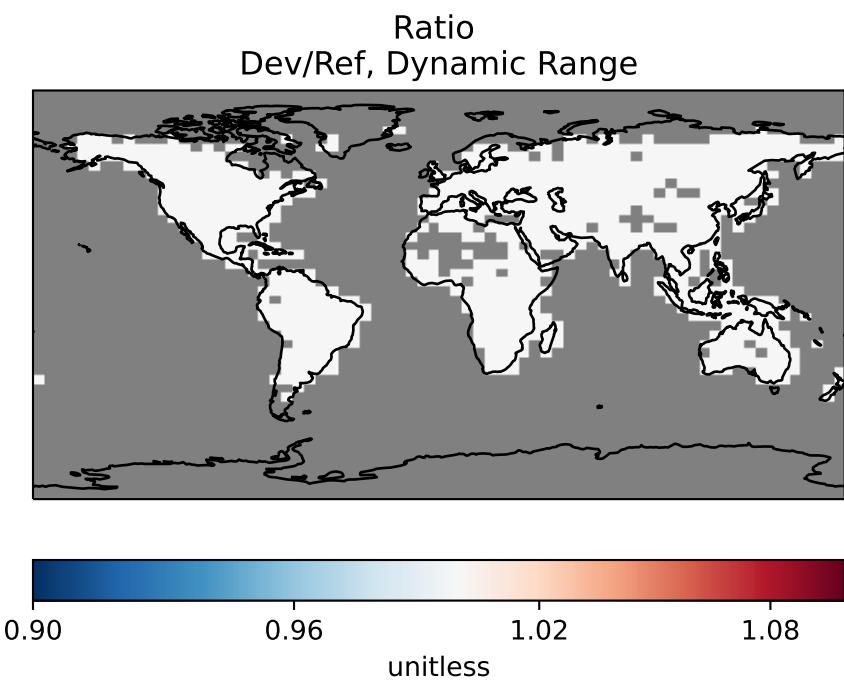
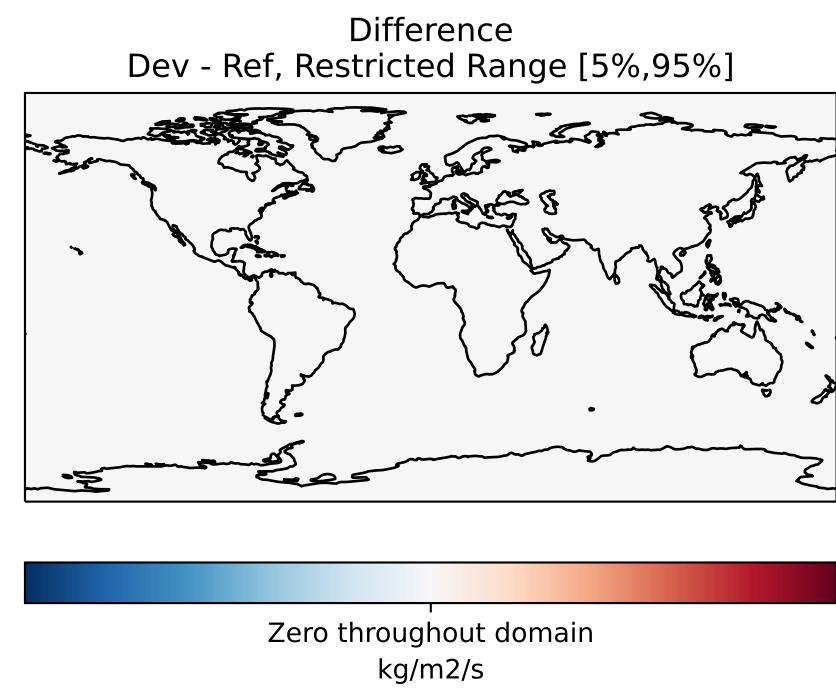
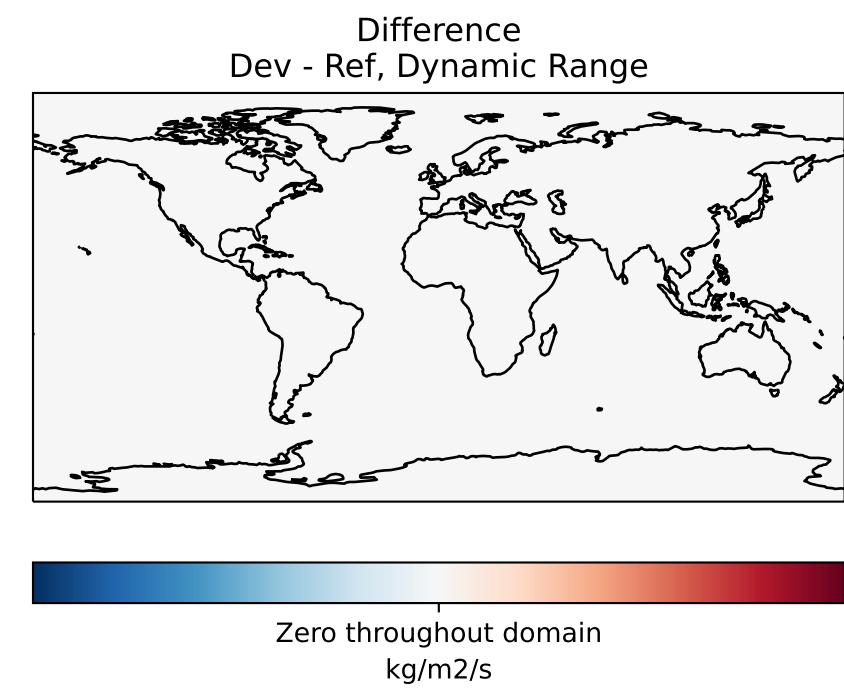
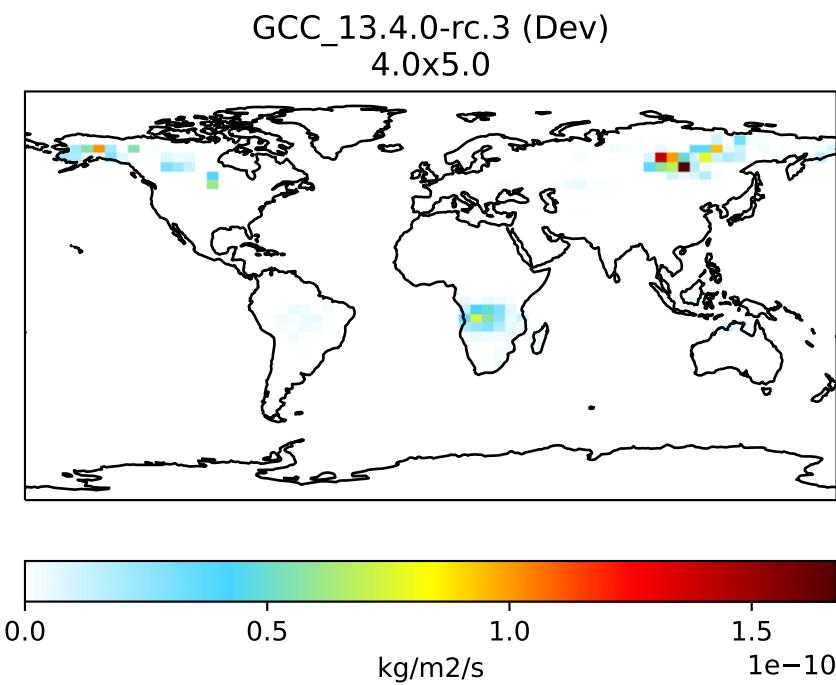
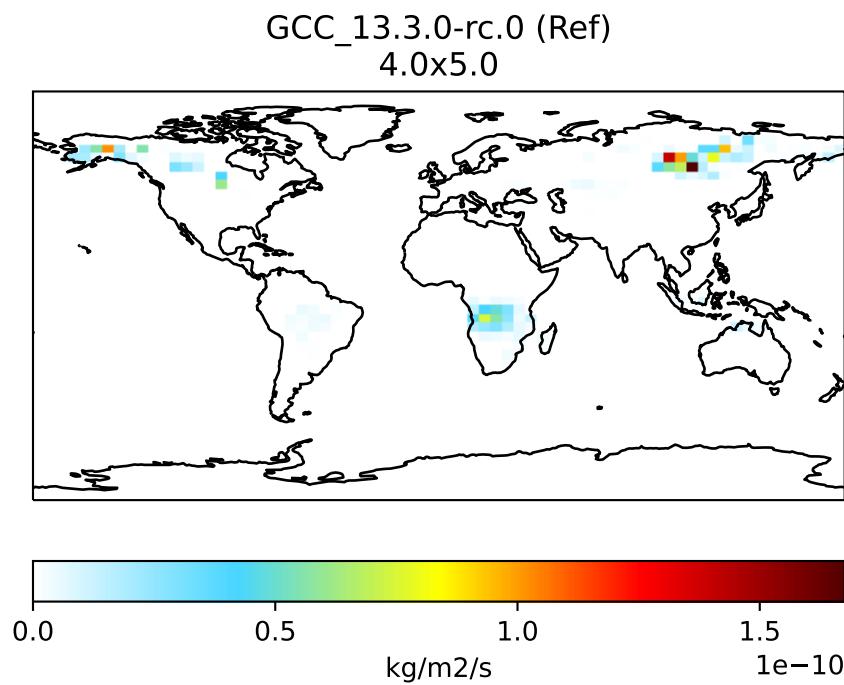
EmisPRPE_Aircraft (Jul2019)



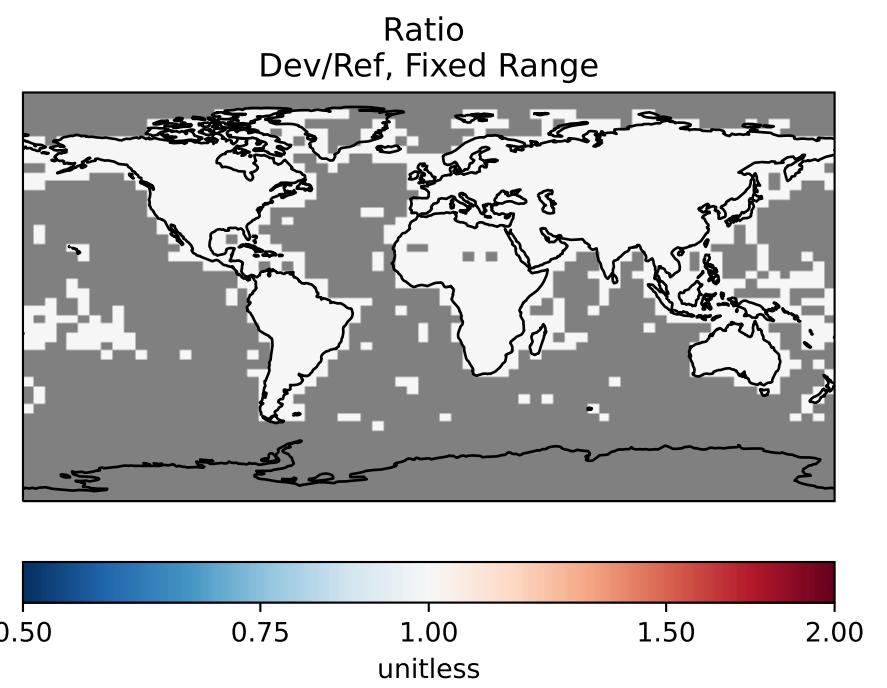
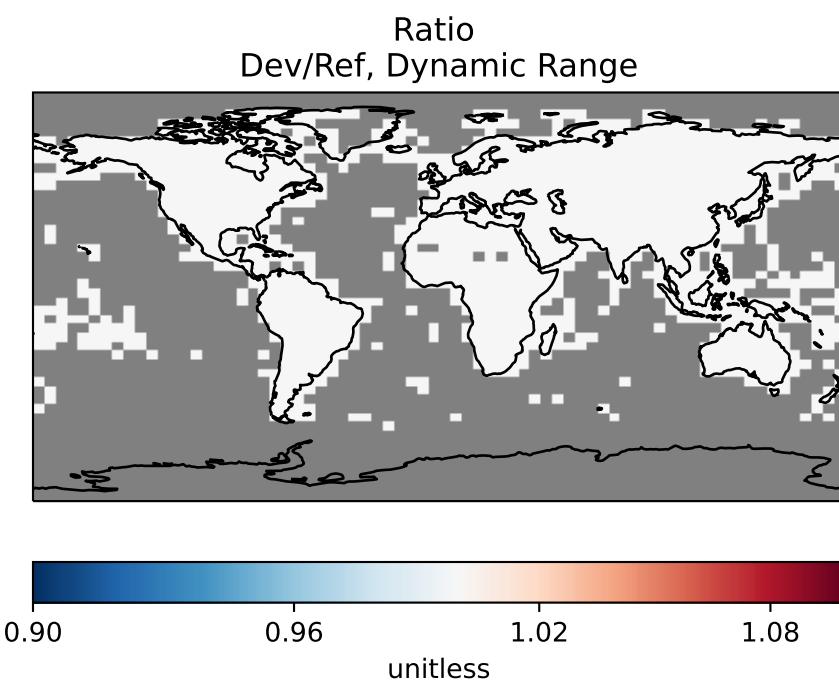
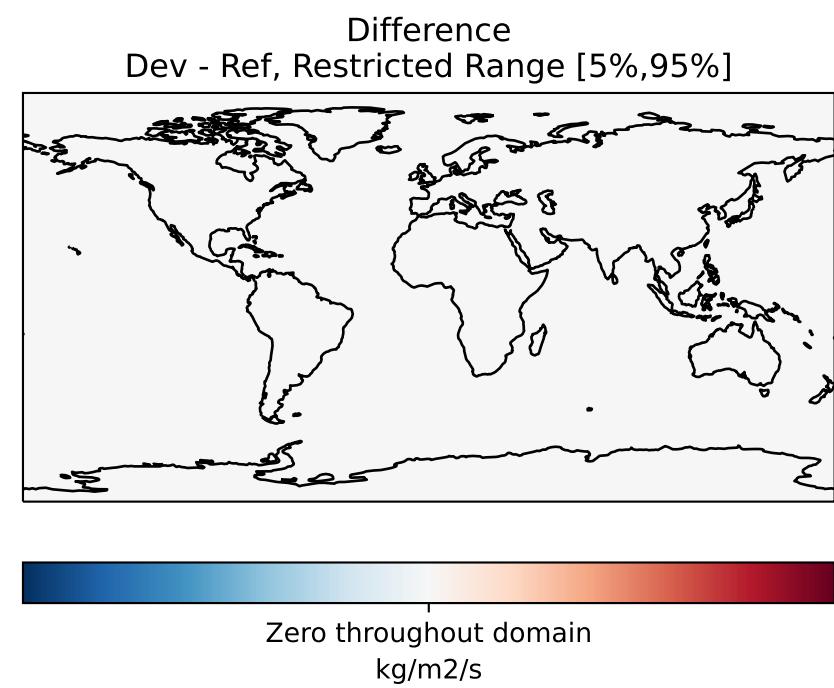
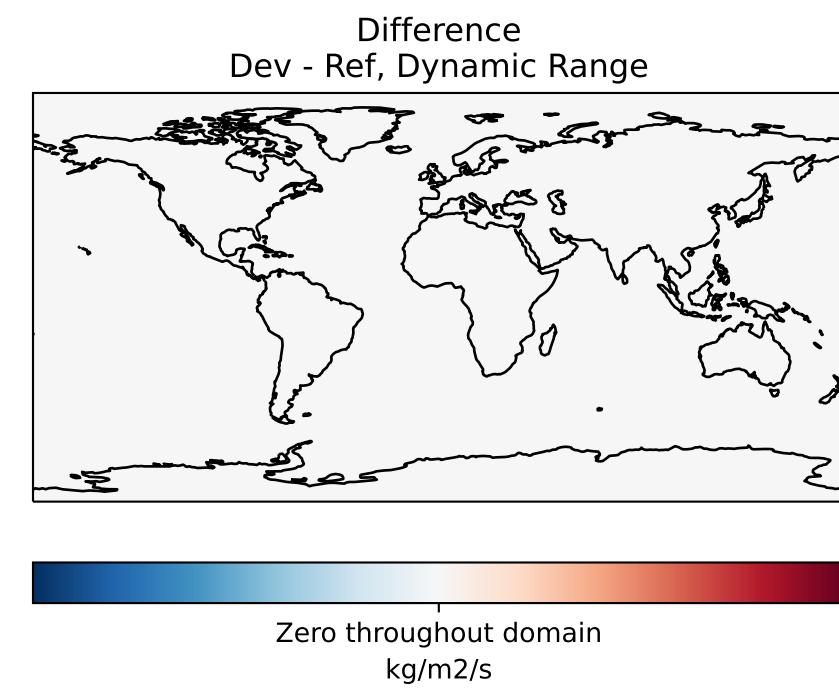
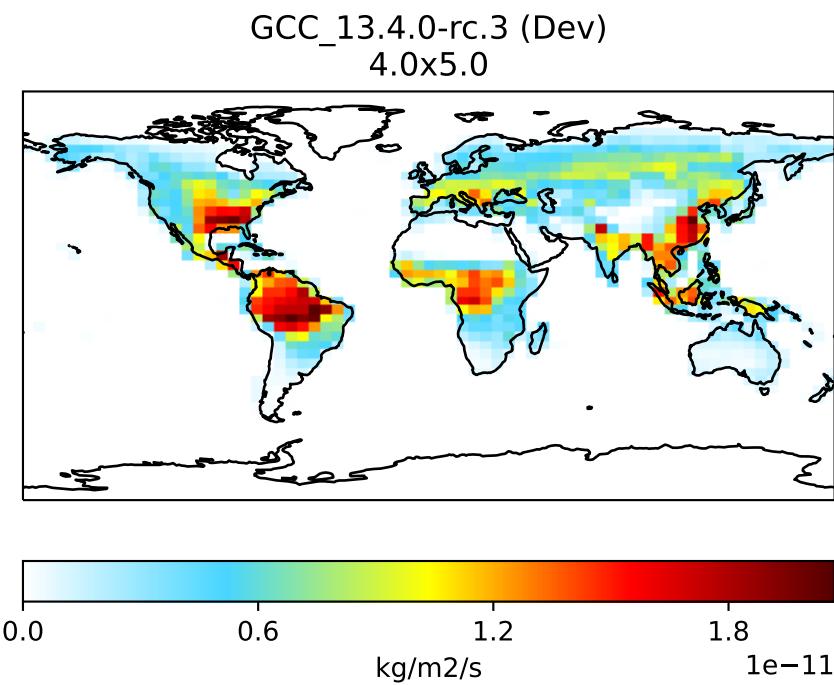
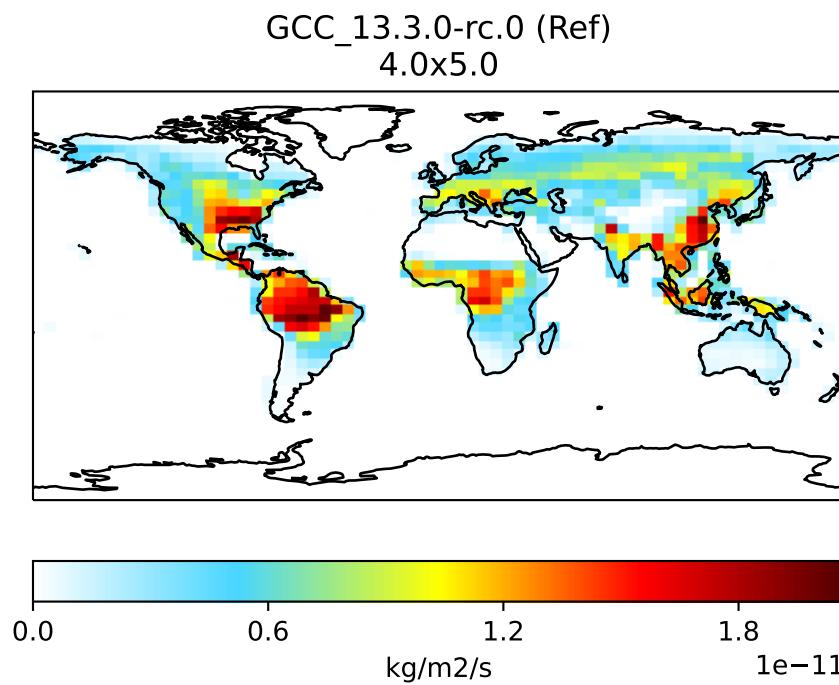
EmisPRPE_Anthro (Jul2019)



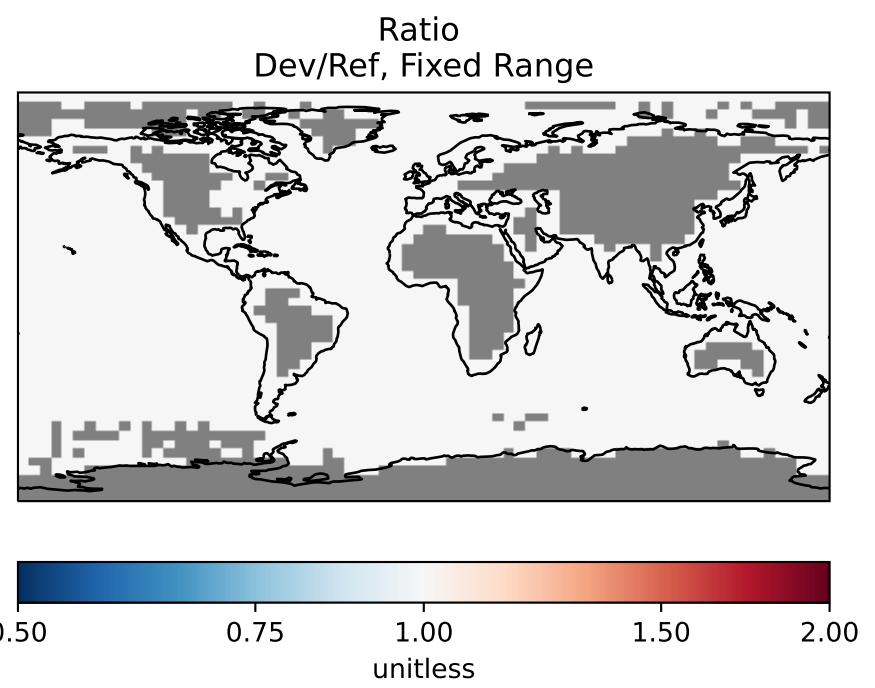
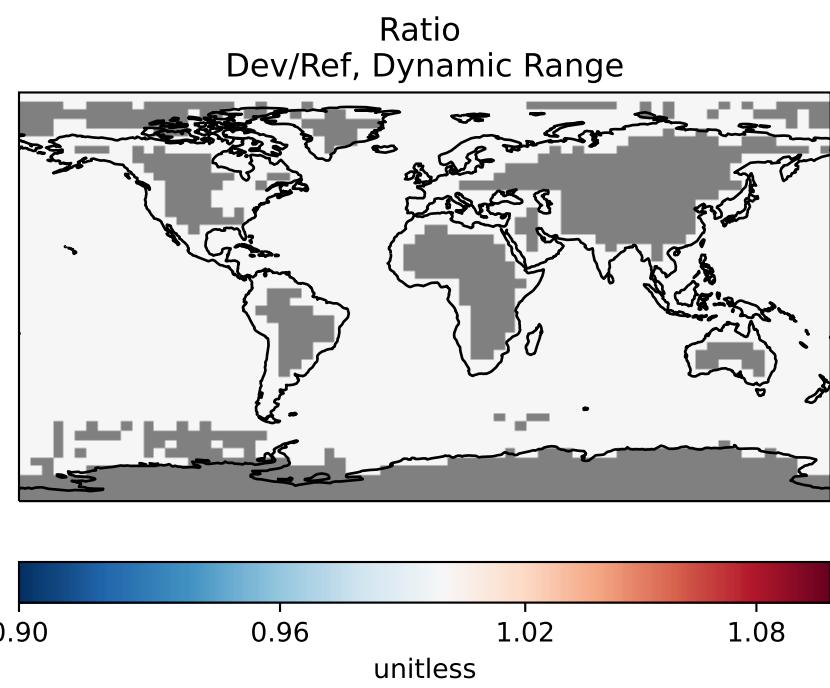
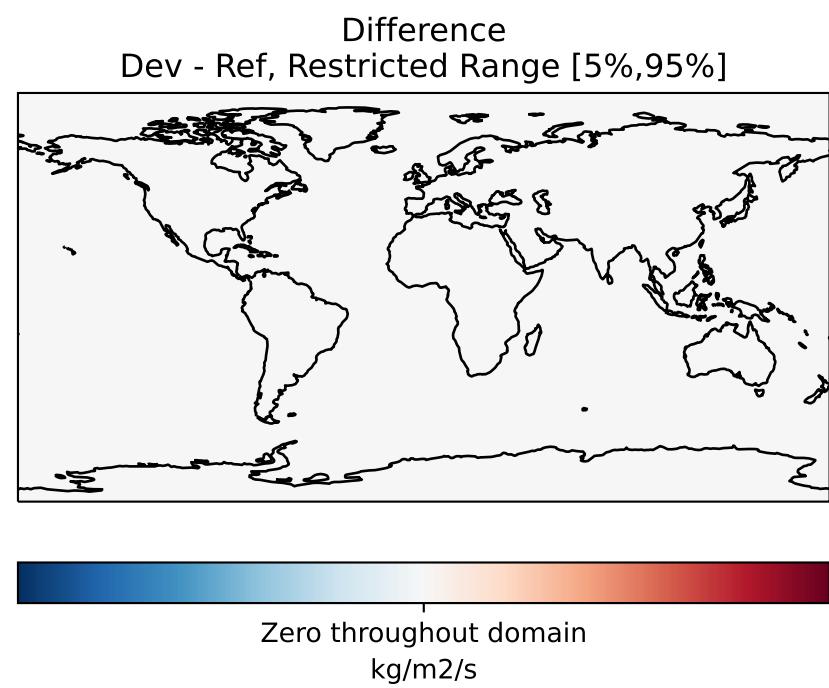
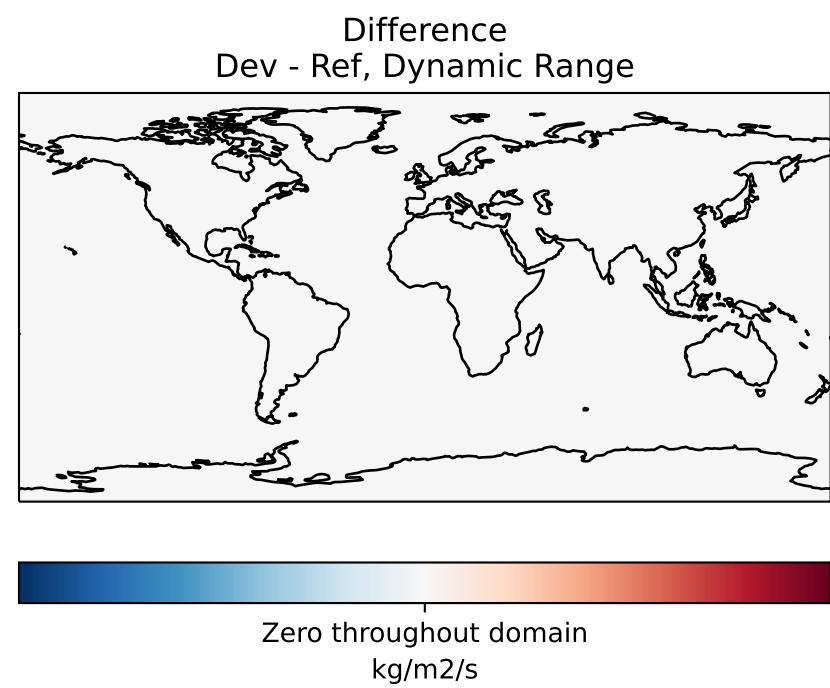
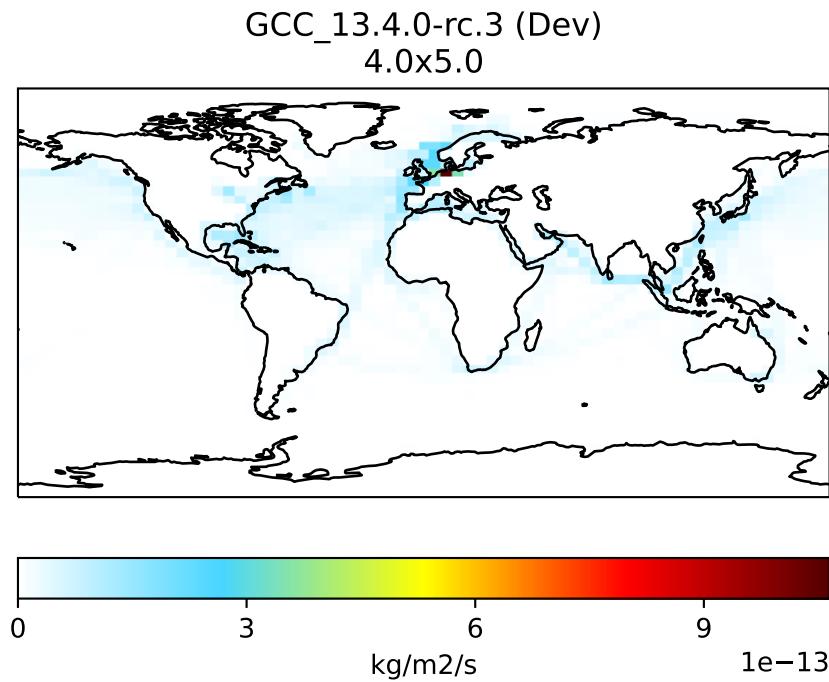
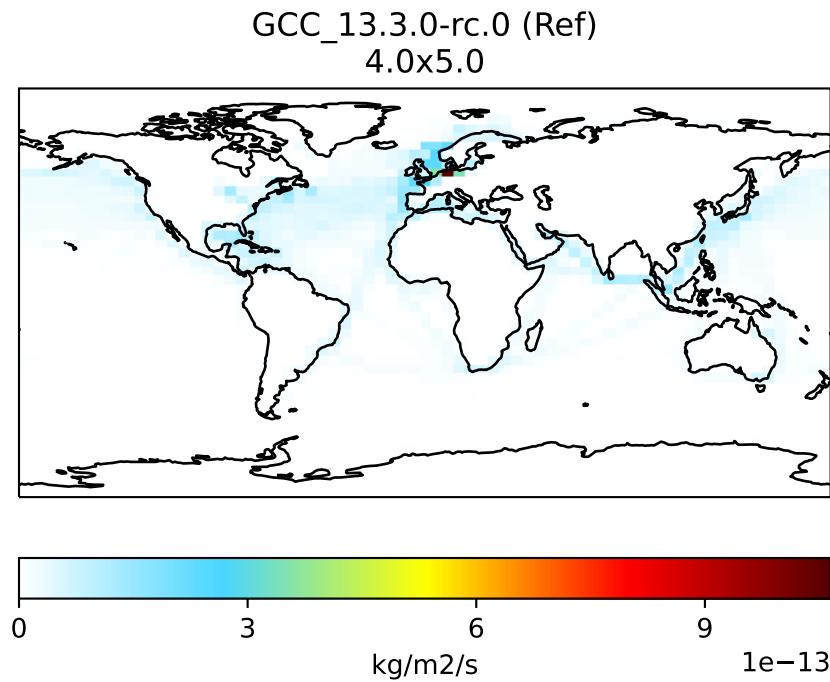
EmisPRPE_BioBurn (Jul2019)



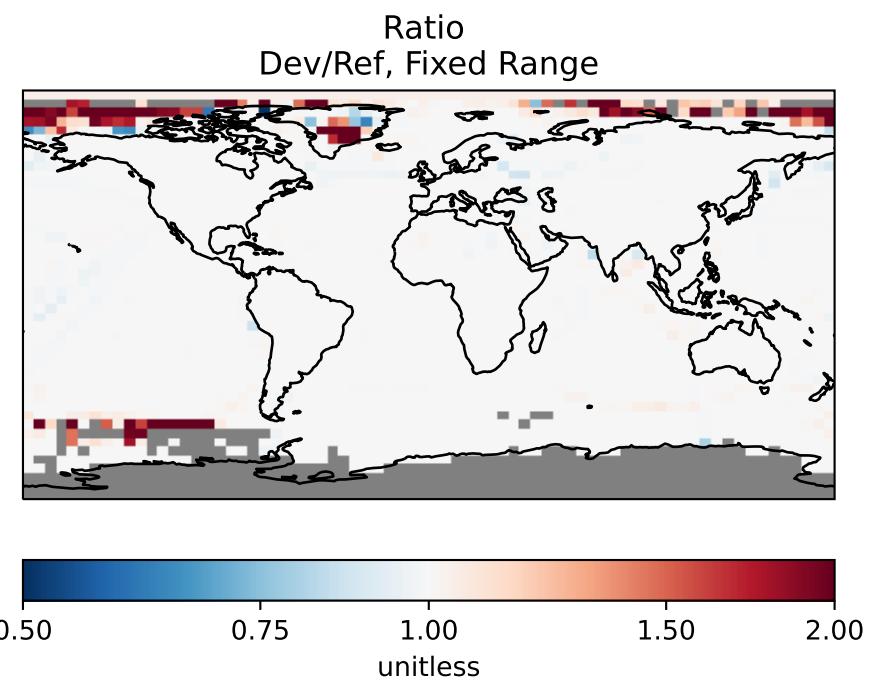
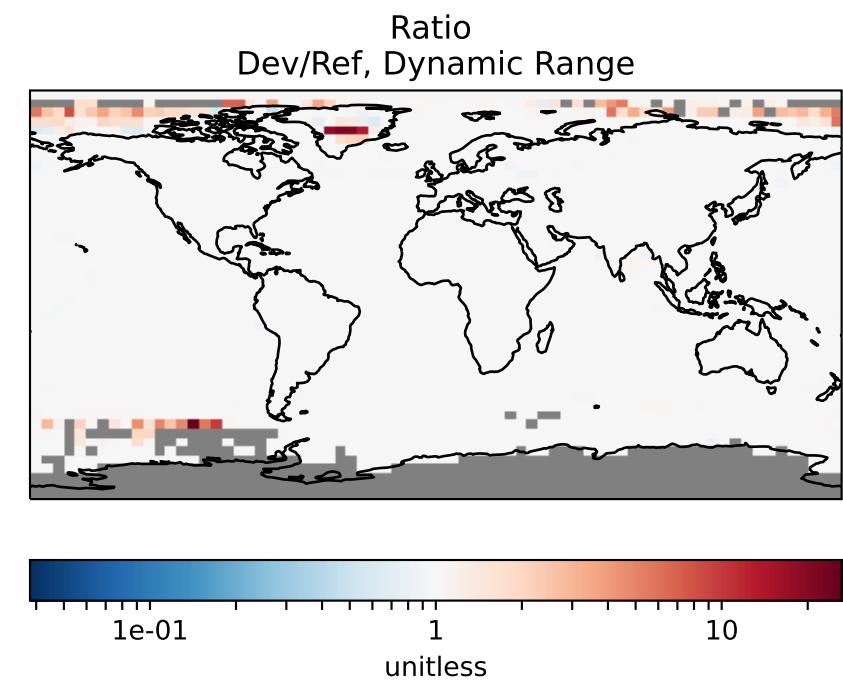
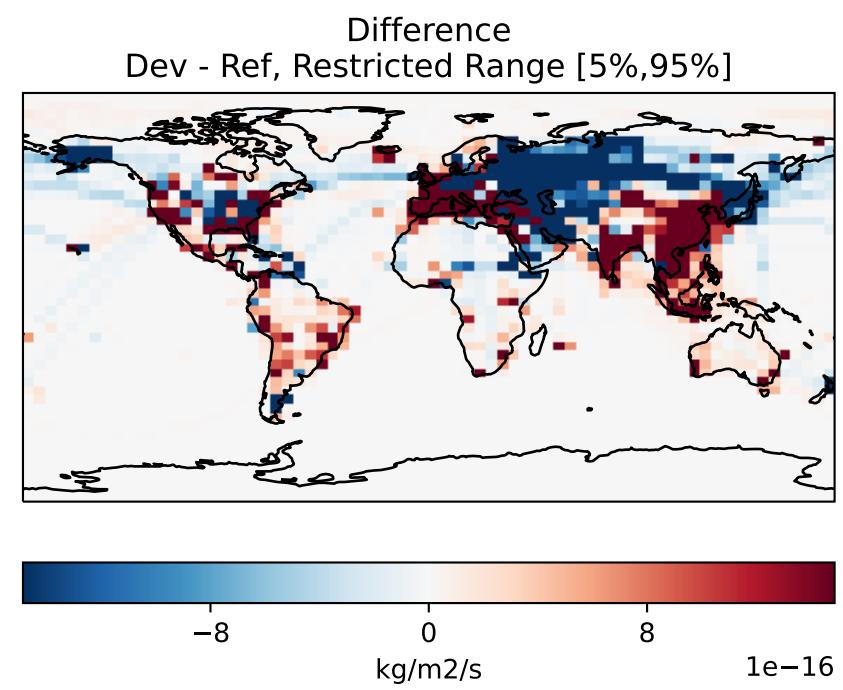
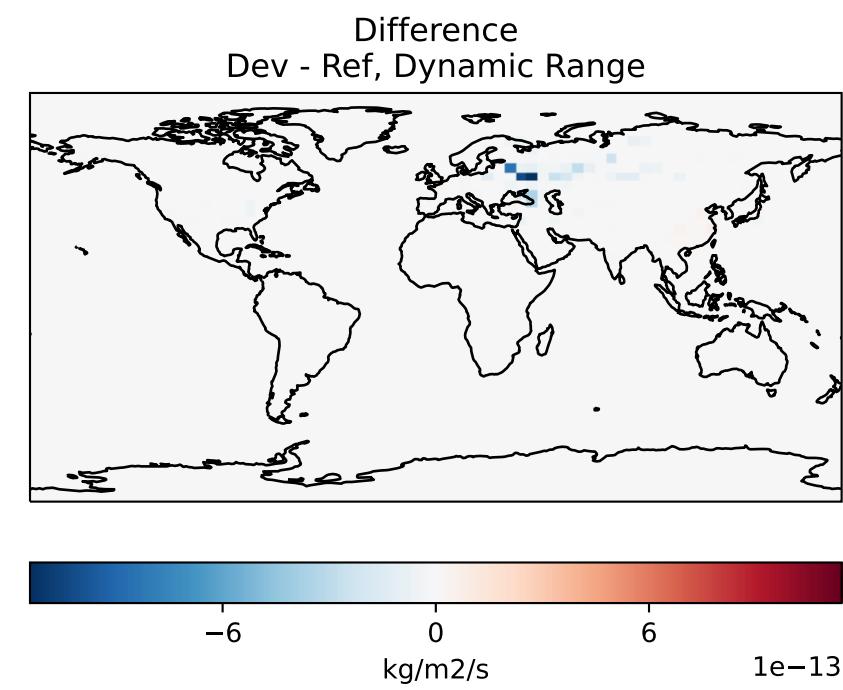
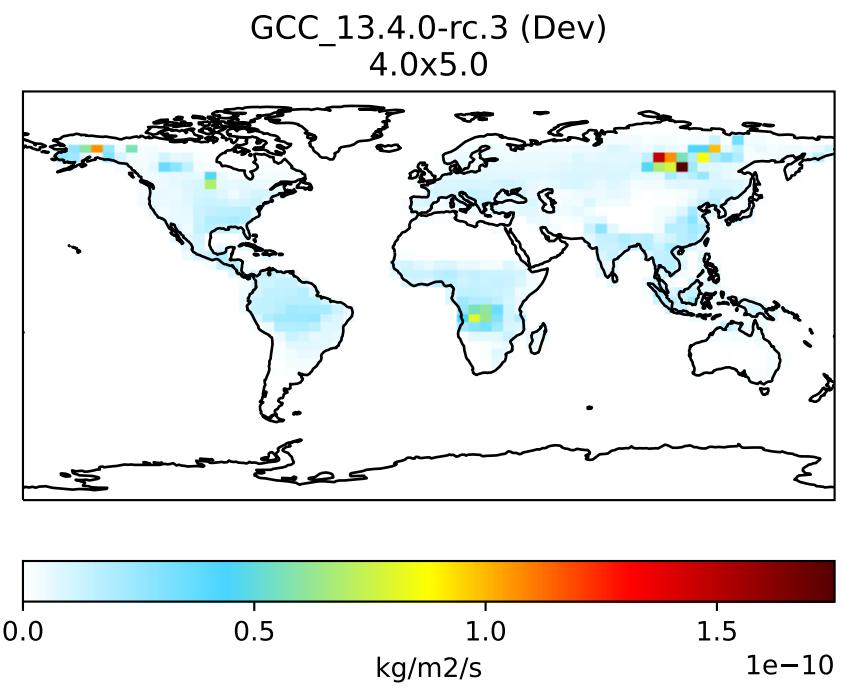
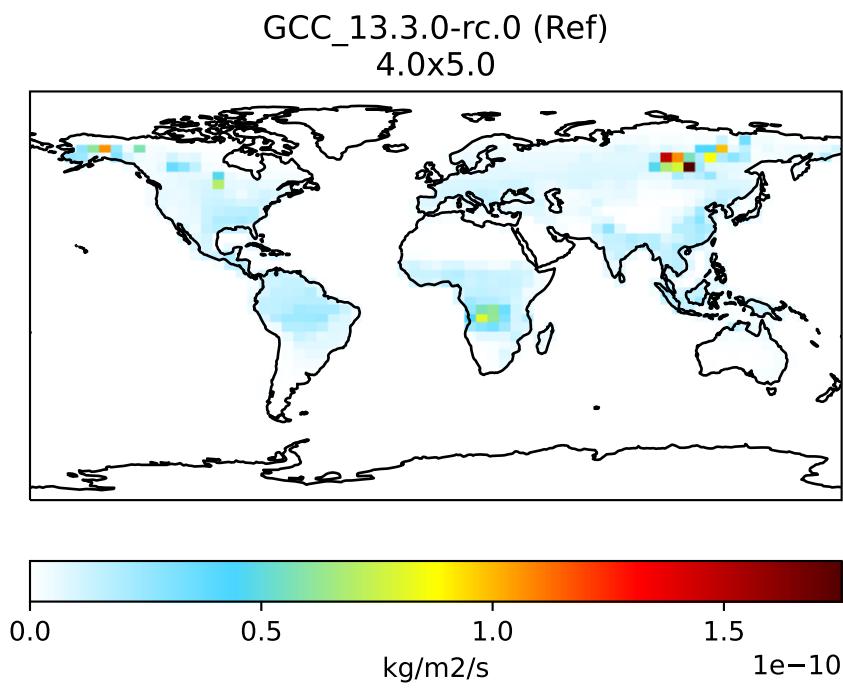
EmisPRPE_Biogenic (Jul2019)



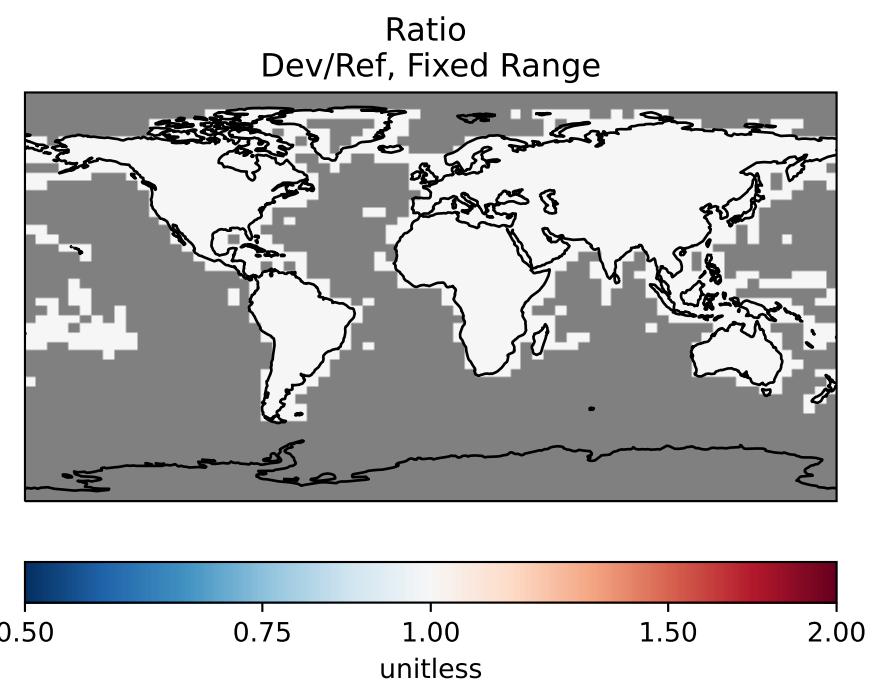
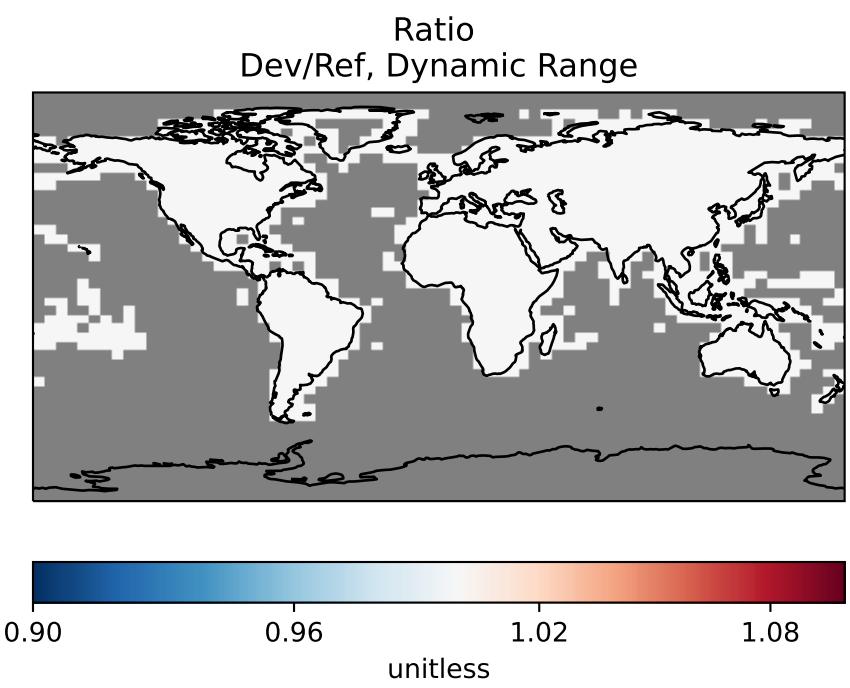
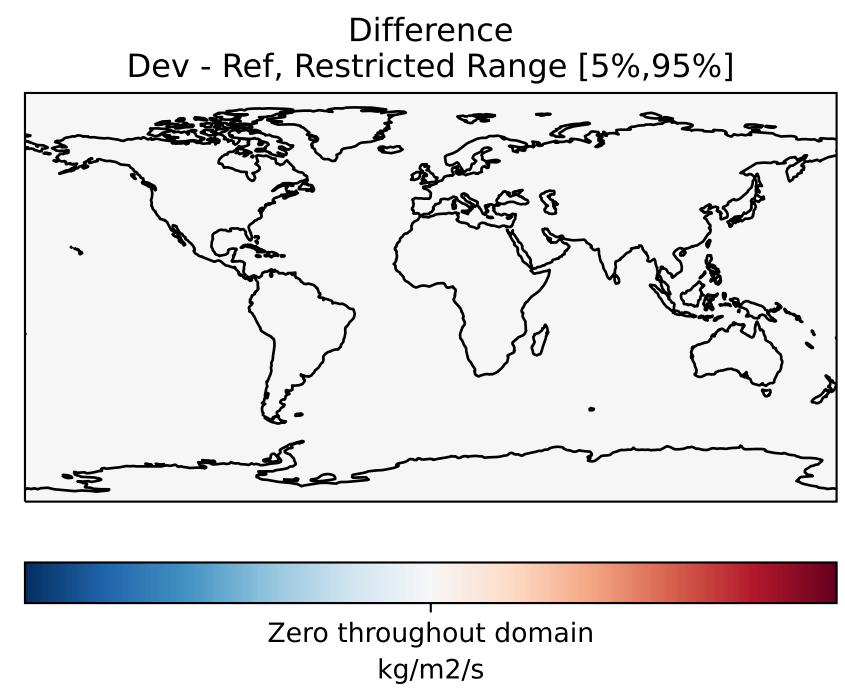
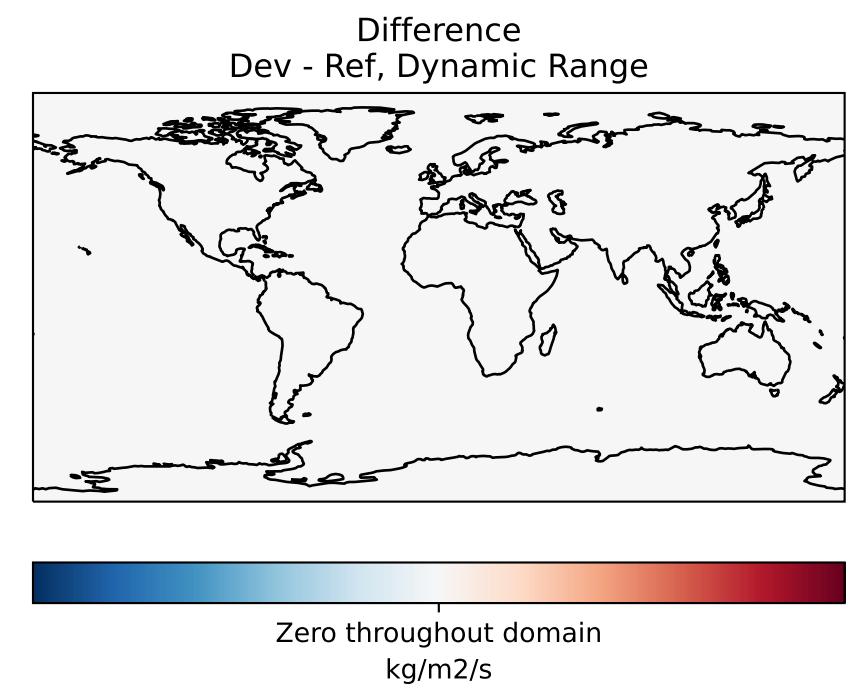
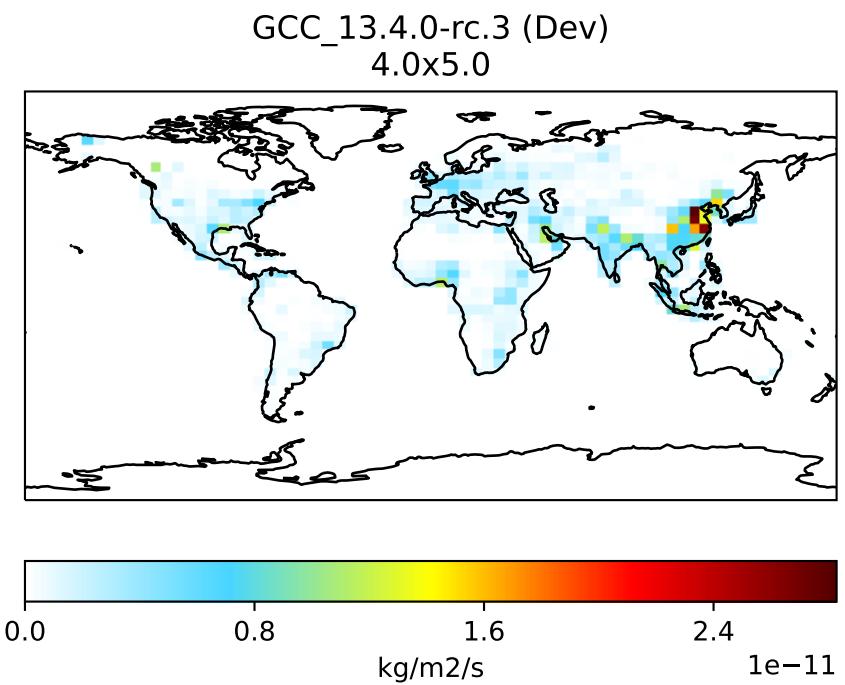
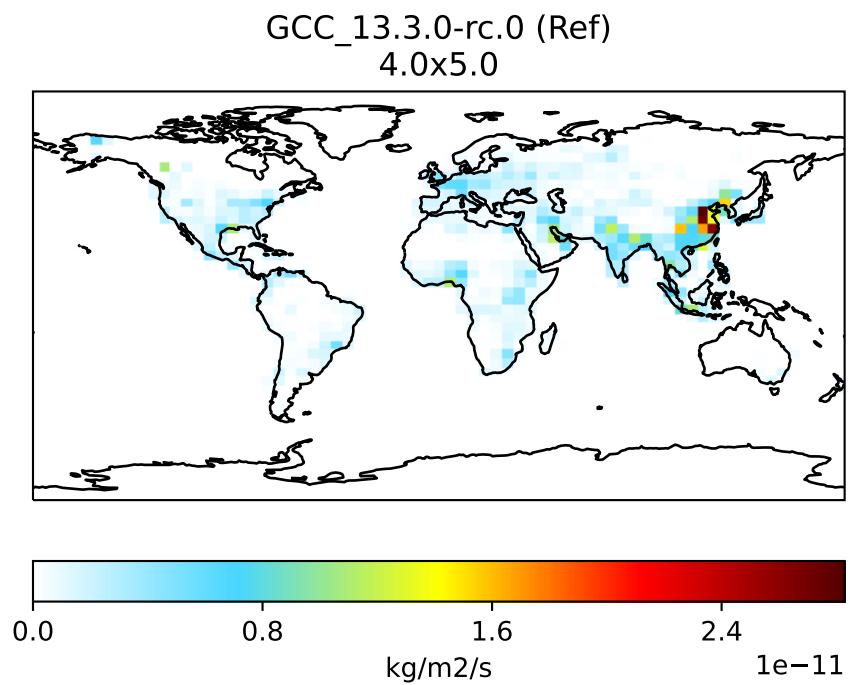
EmisPRPE_Ship (Jul2019)



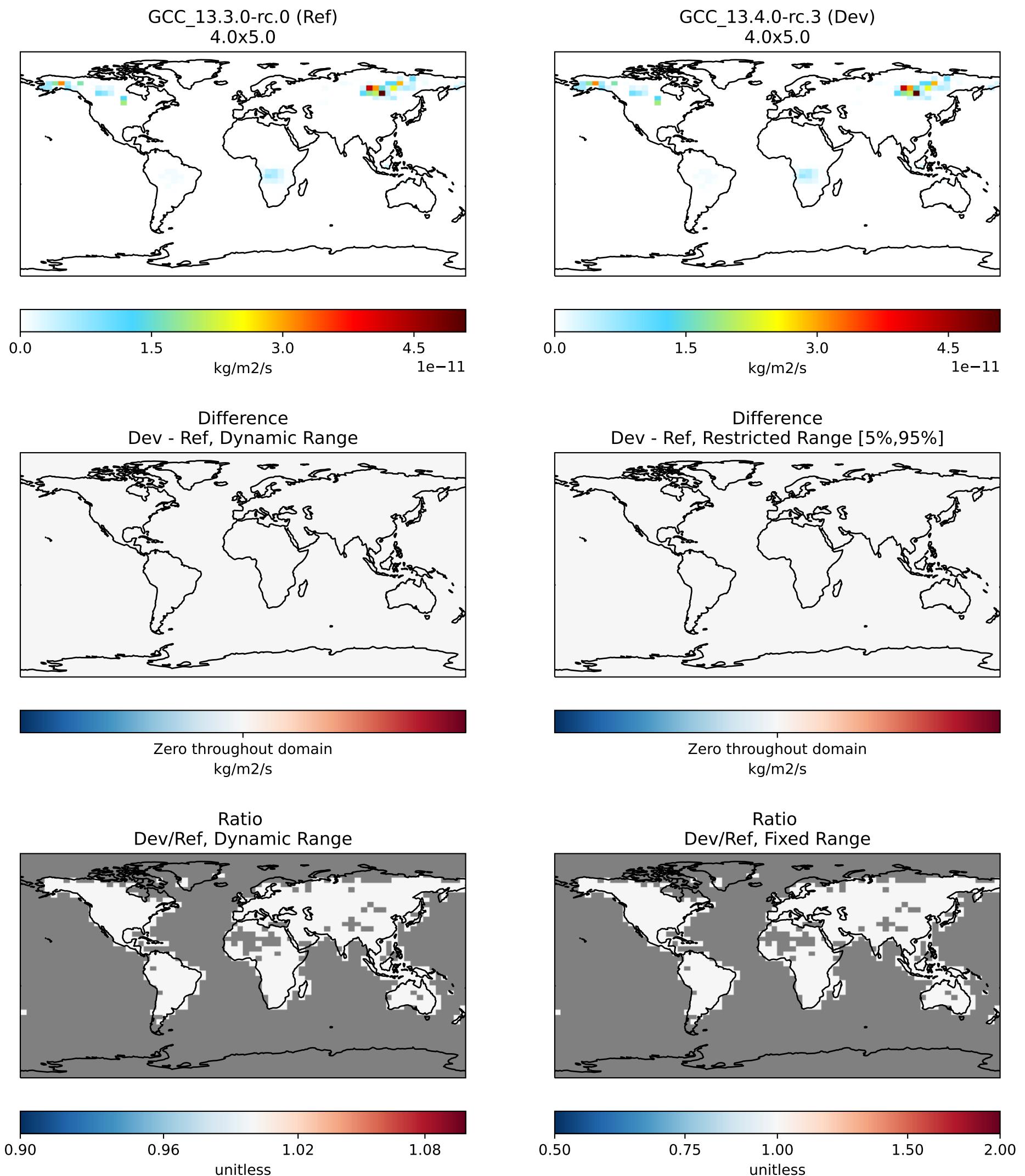
EmisPRPE_Total (Jul2019)



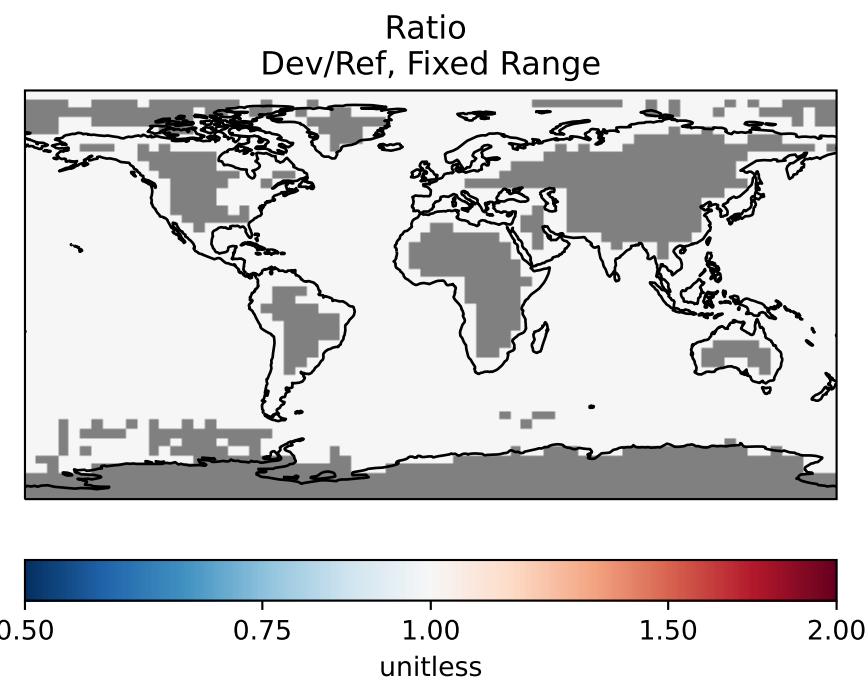
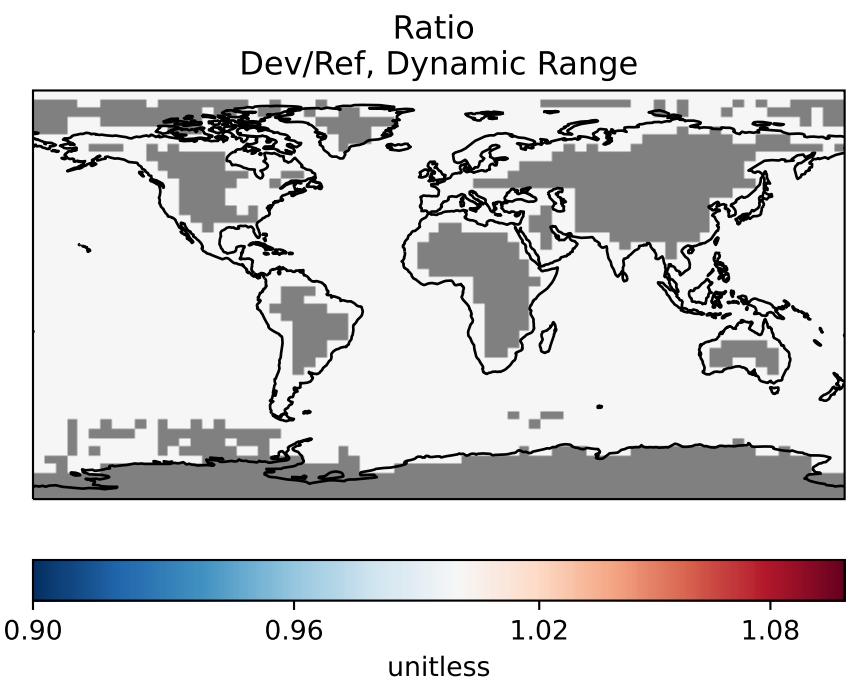
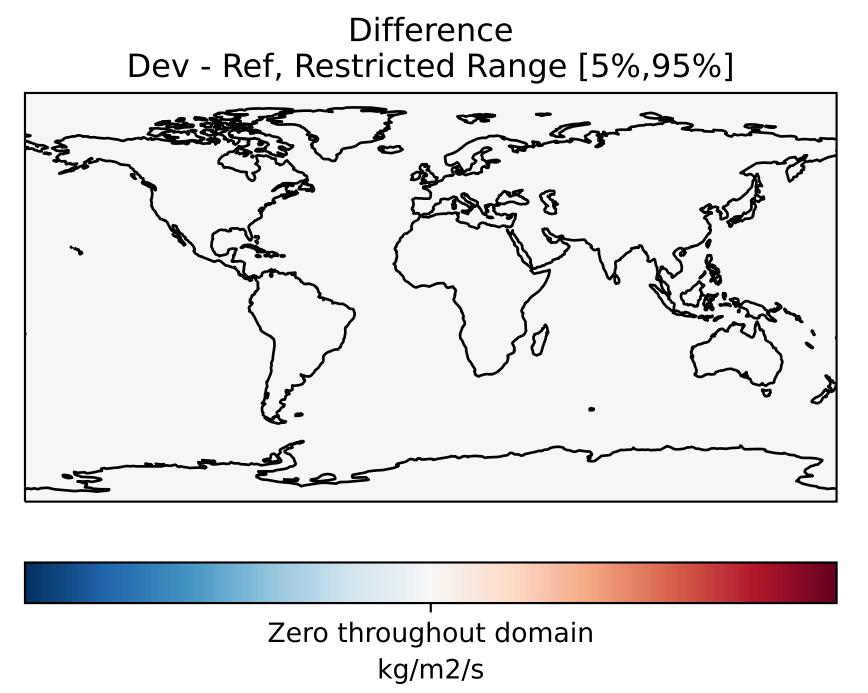
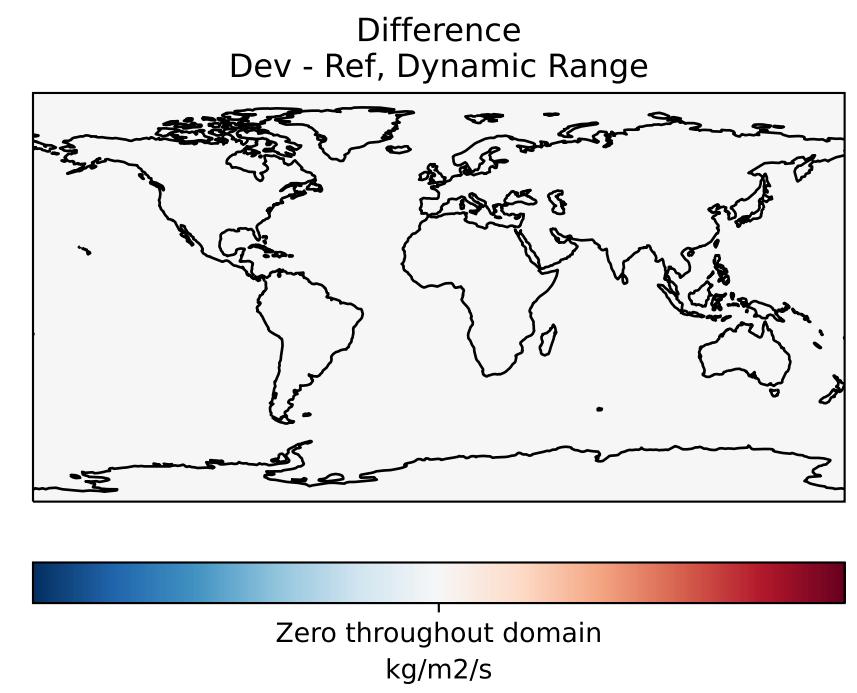
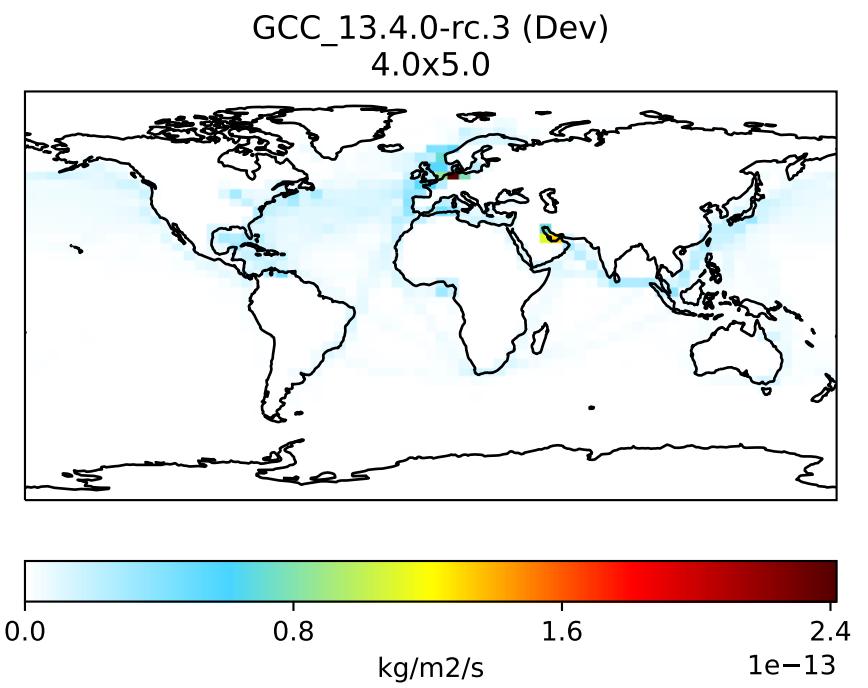
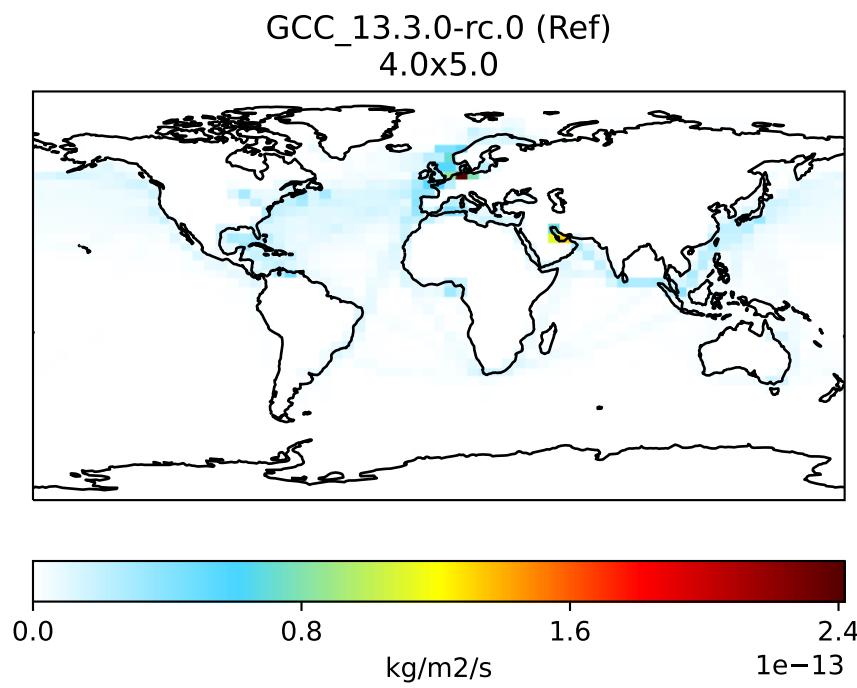
EmisTOLU_Anthro (Jul2019)



EmisTOLU_BioBurn (Jul2019)

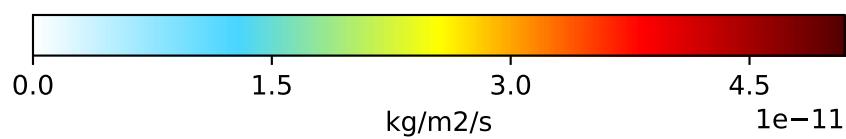
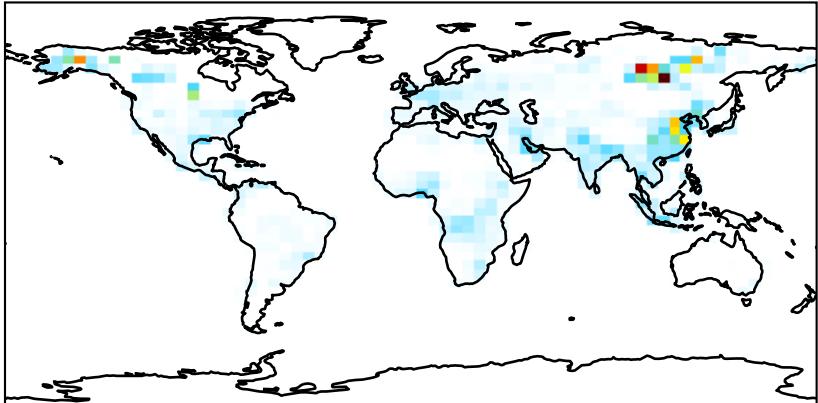


EmisTOLU_Ship (Jul2019)

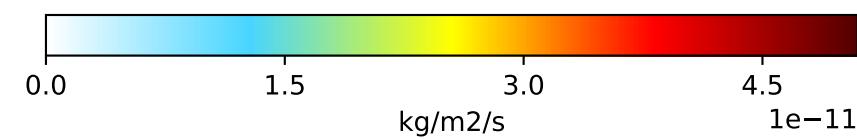
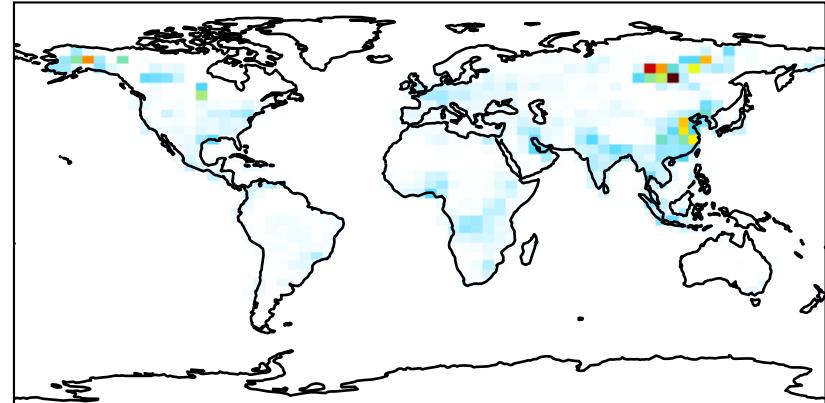


EmisTOLU_Total (Jul2019)

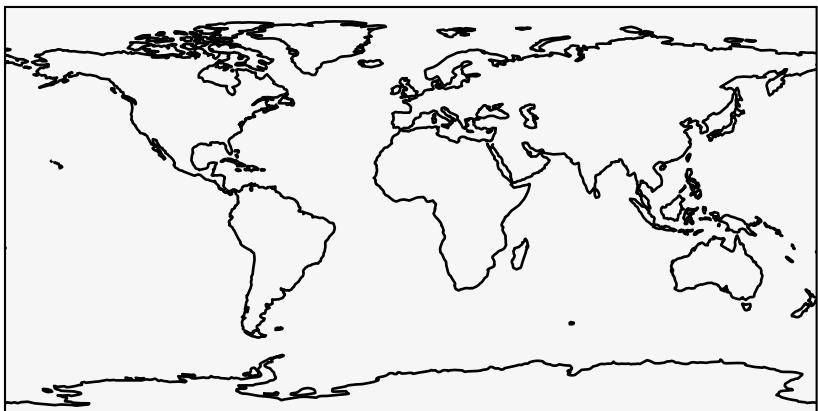
GCC_13.3.0-rc.0 (Ref)
4.0x5.0



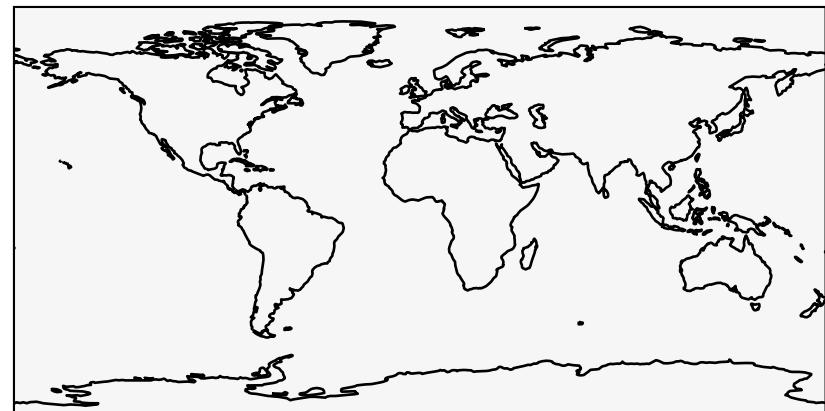
GCC_13.4.0-rc.3 (Dev)
4.0x5.0



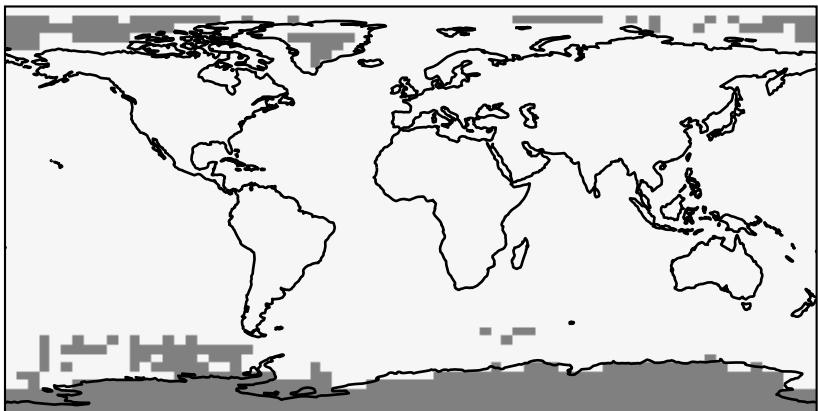
Difference
Dev - Ref, Dynamic Range



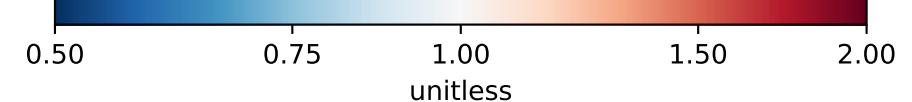
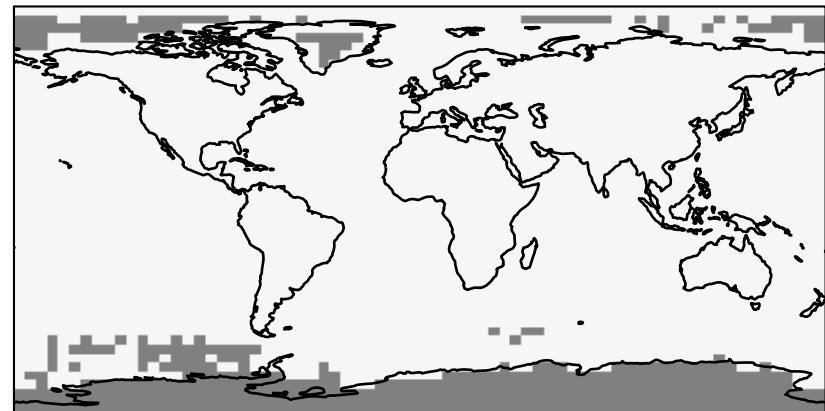
Difference
Dev - Ref, Restricted Range [5%,95%]



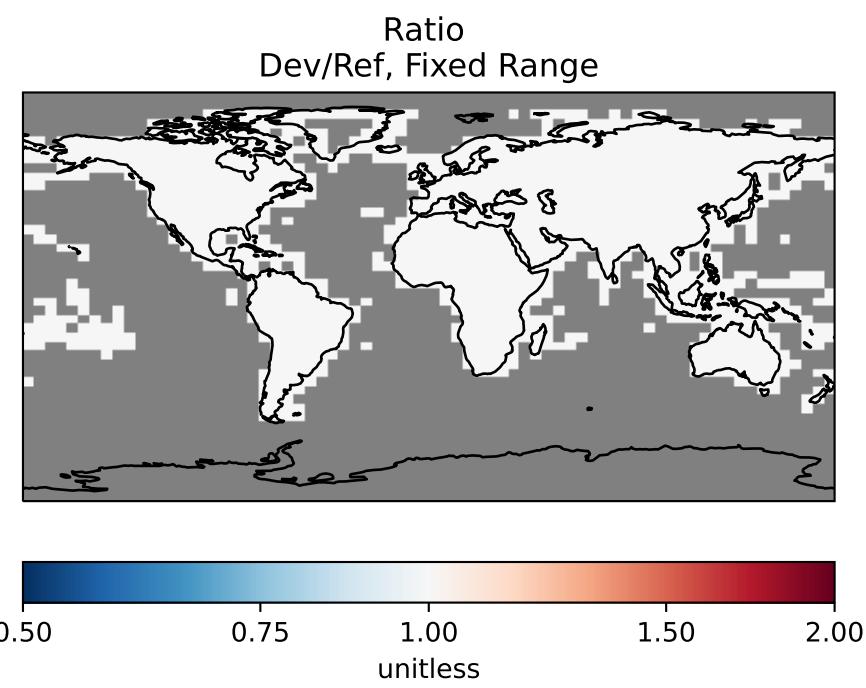
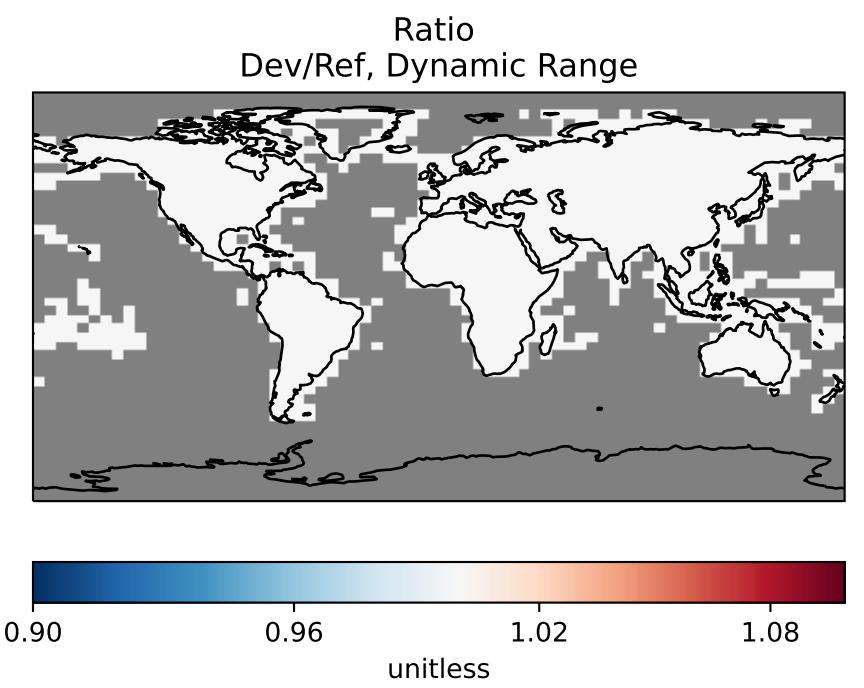
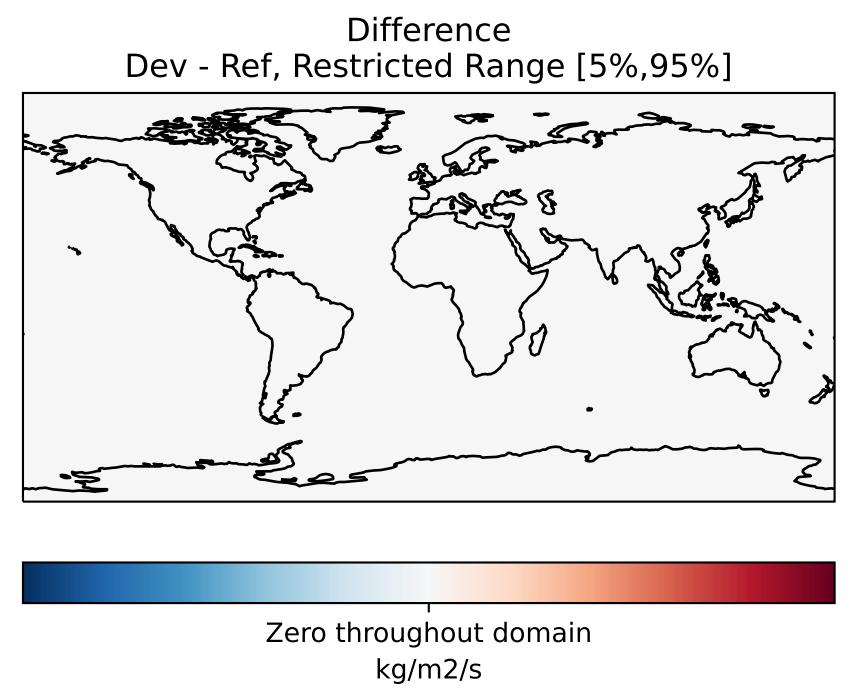
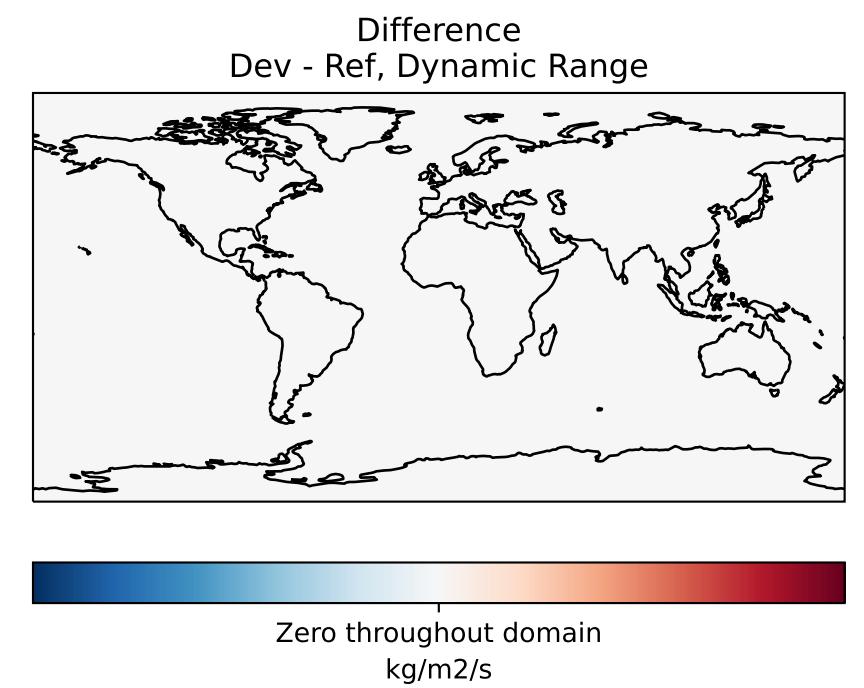
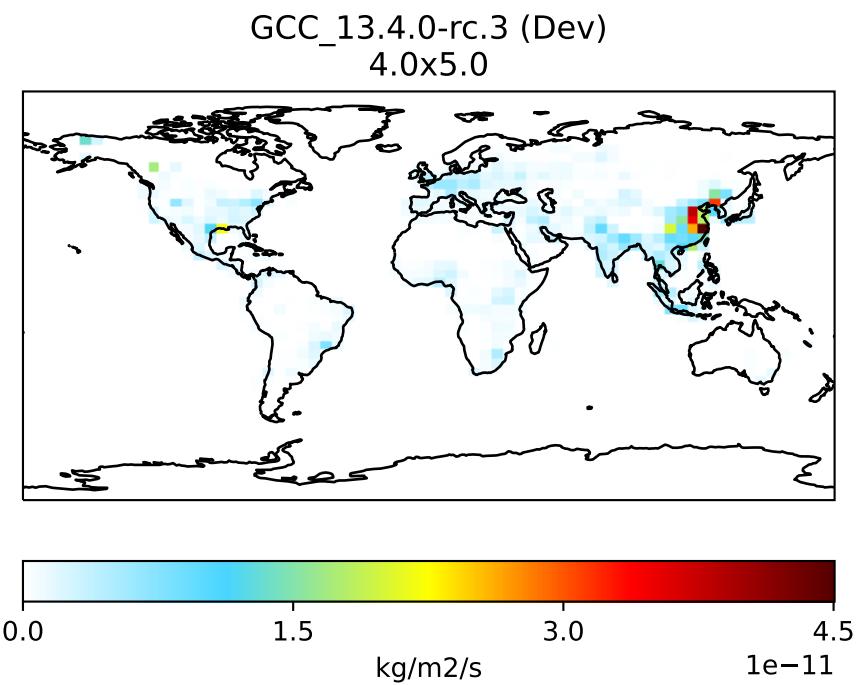
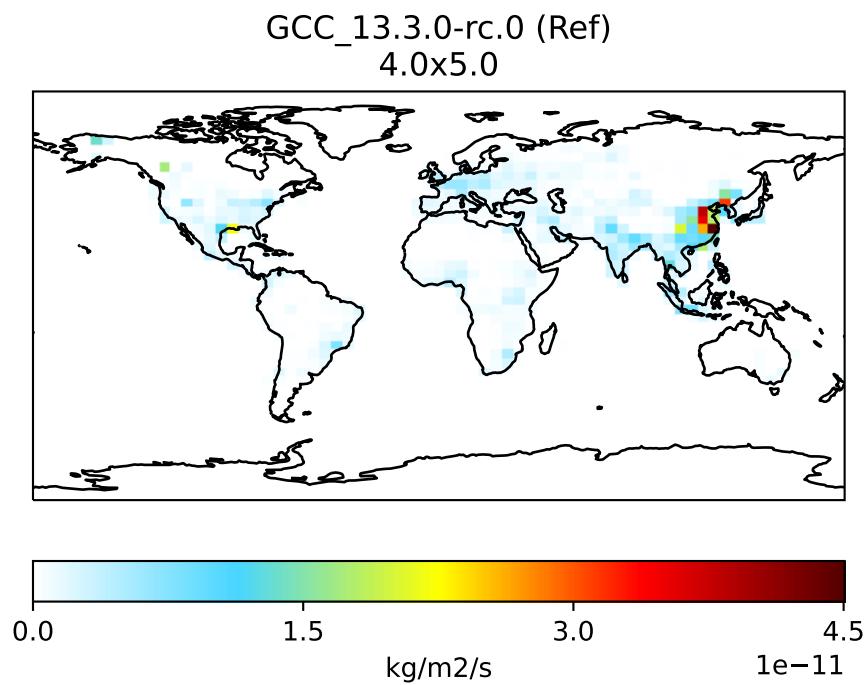
Ratio
Dev/Ref, Dynamic Range



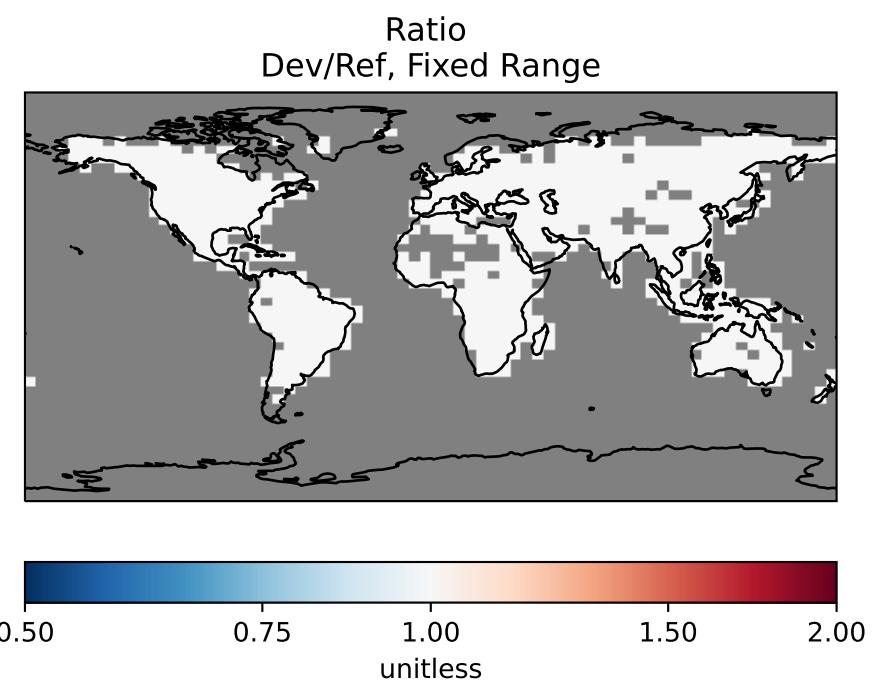
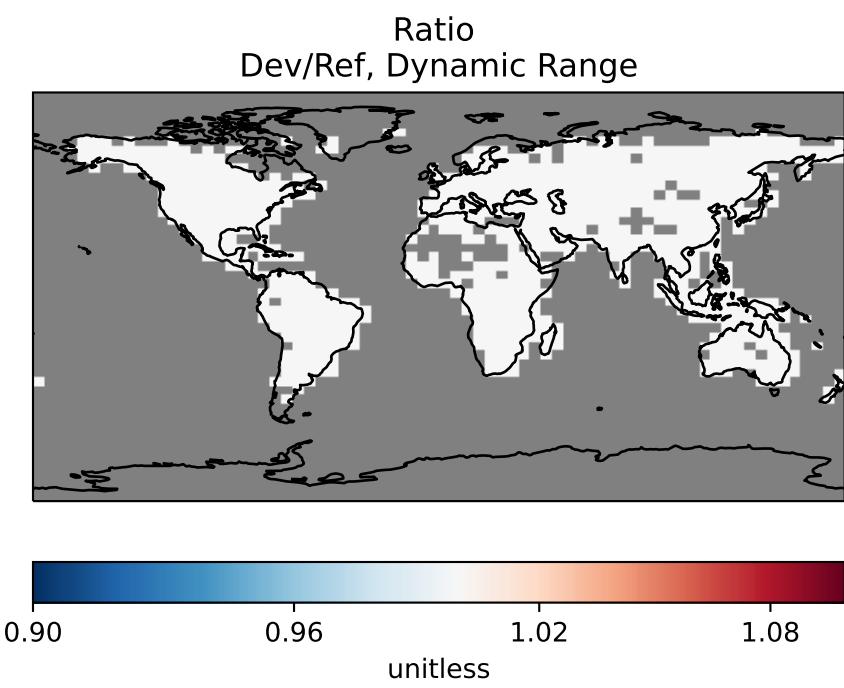
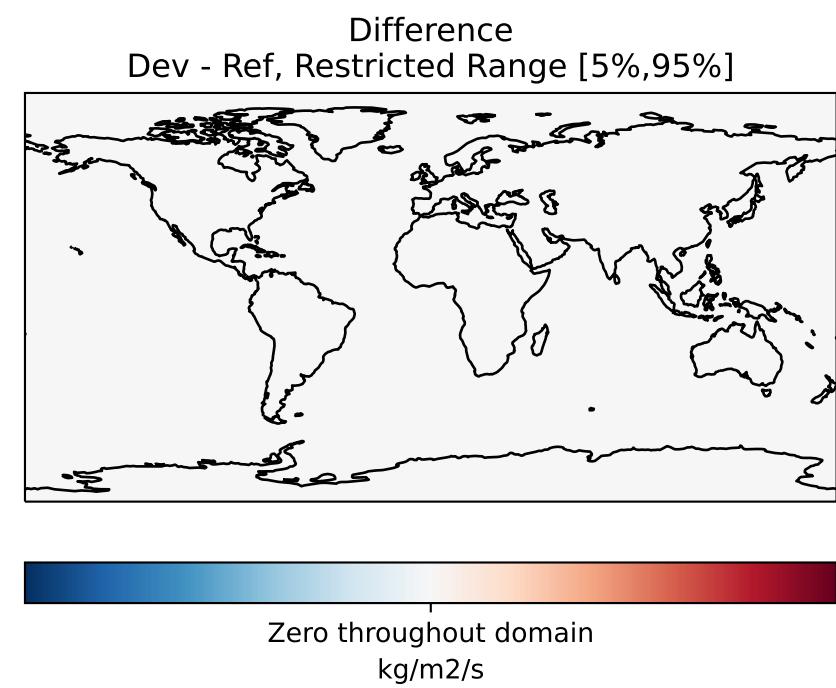
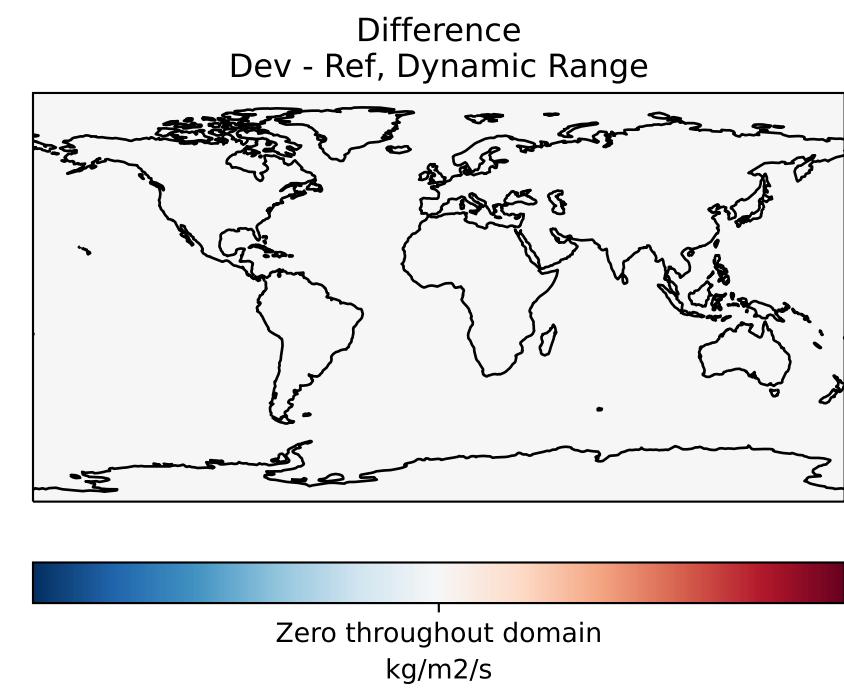
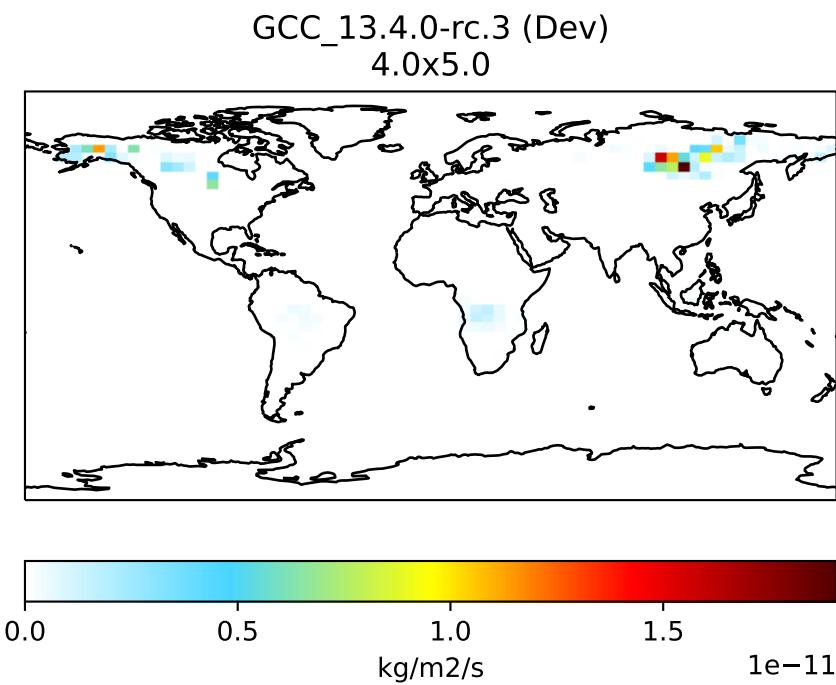
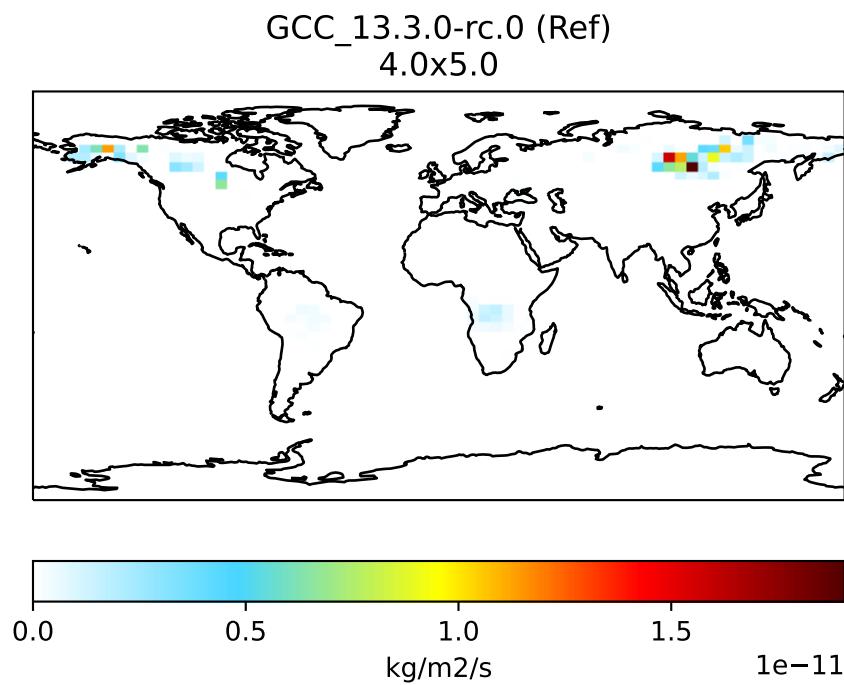
Ratio
Dev/Ref, Fixed Range



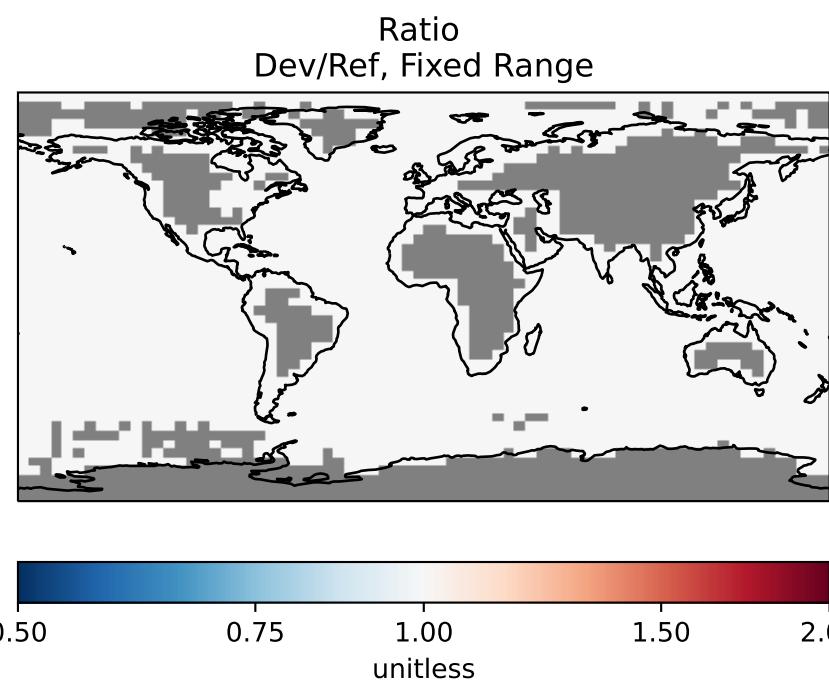
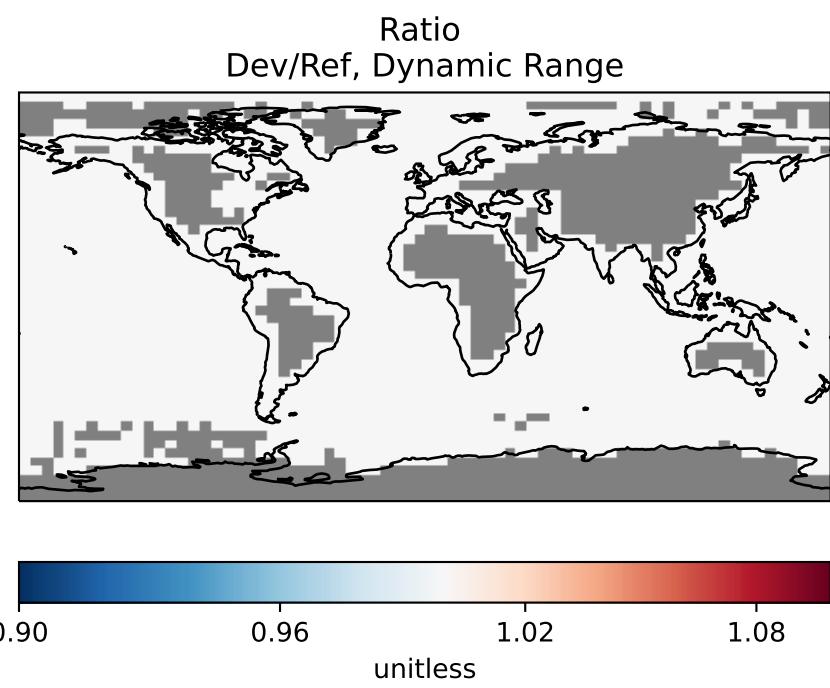
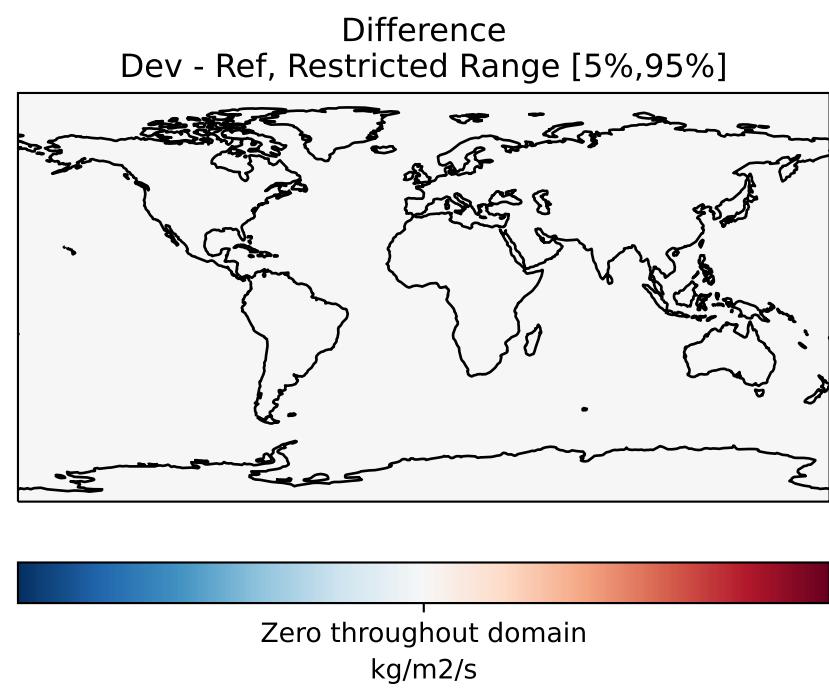
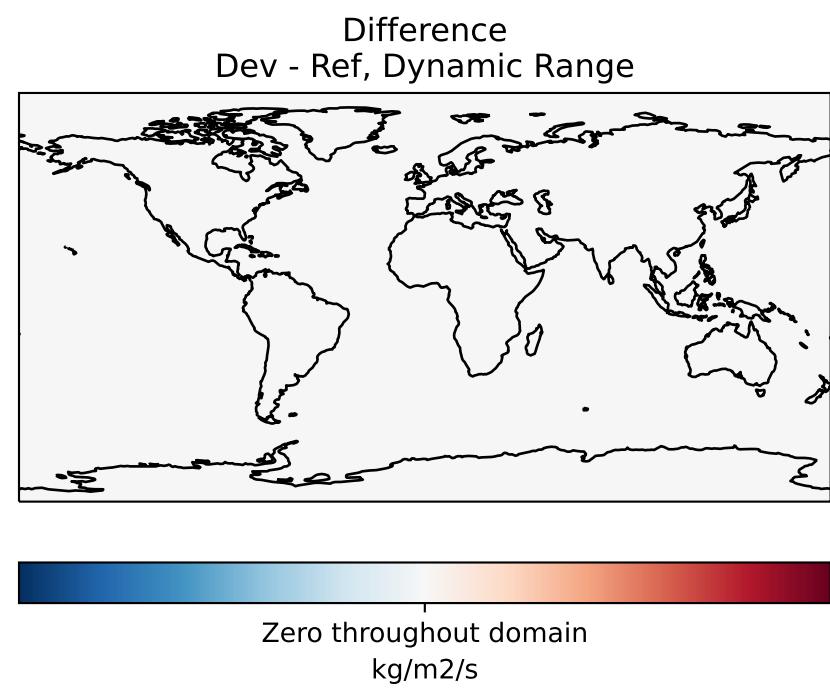
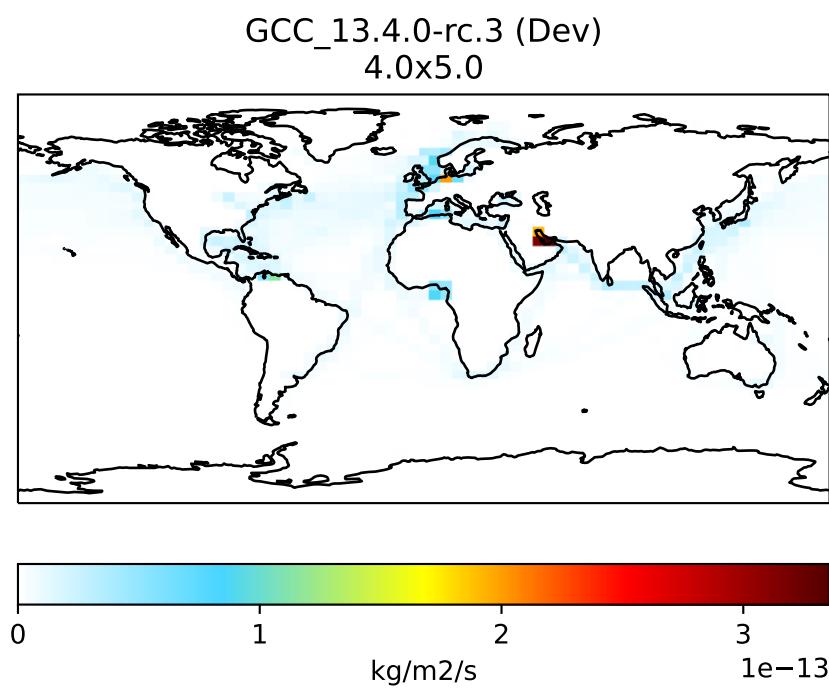
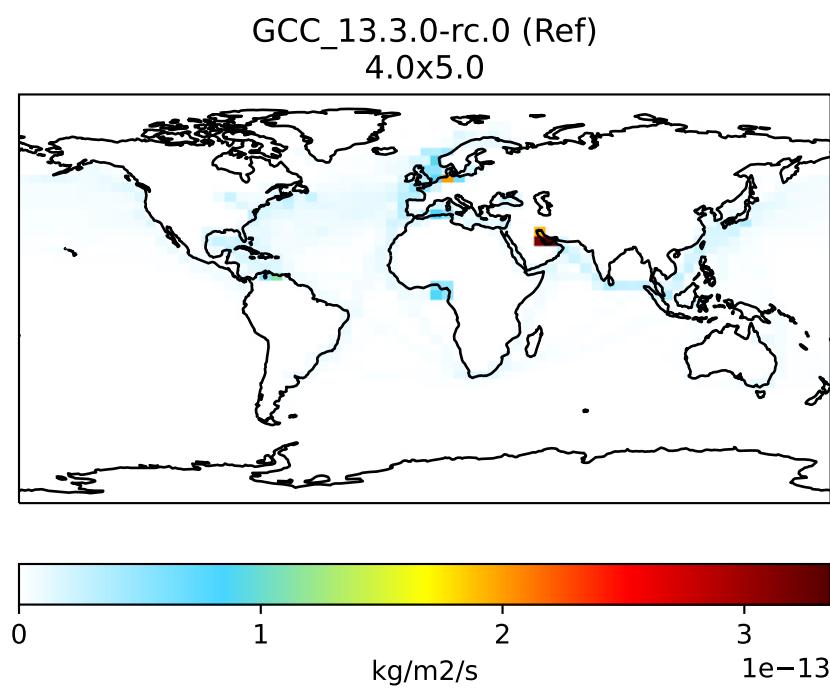
EmisXYLE_Anthro (Jul2019)



EmisXYLE_BioBurn (Jul2019)

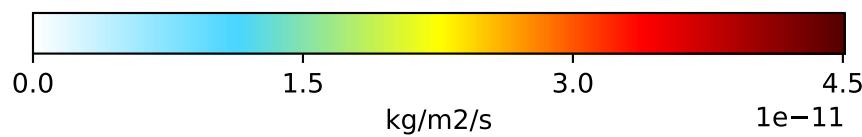
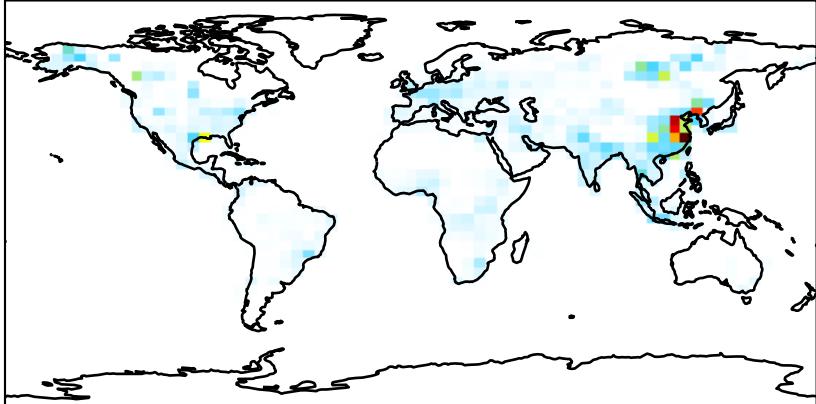


EmisXYLE_Ship (Jul2019)

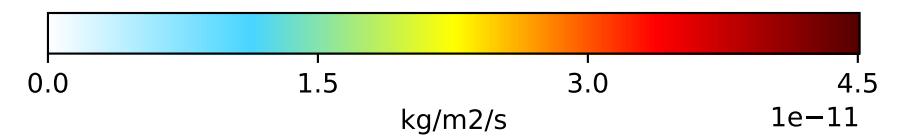
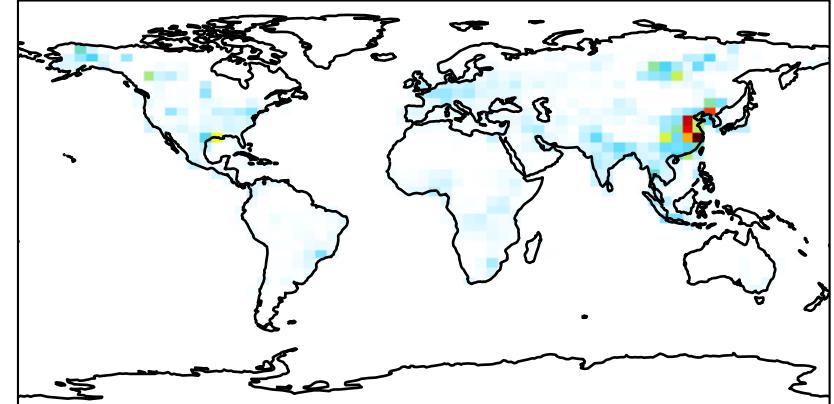


EmisXYLE_Total (Jul2019)

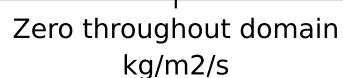
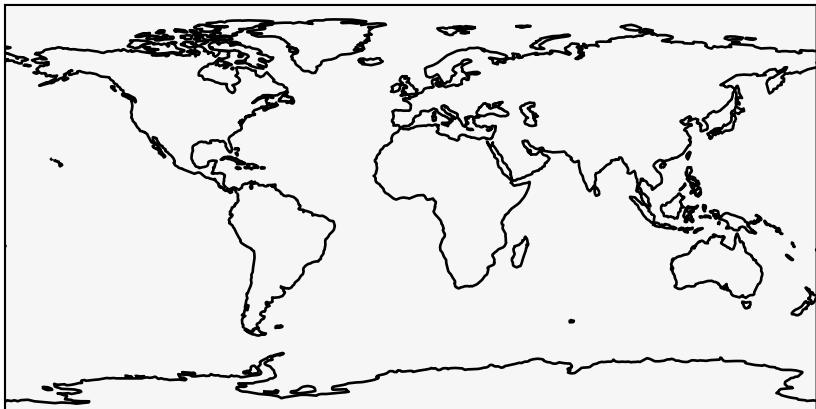
GCC_13.3.0-rc.0 (Ref)
4.0x5.0



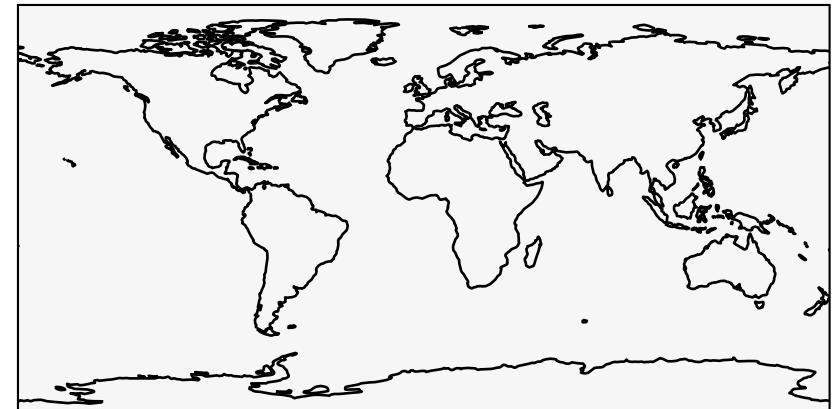
GCC_13.4.0-rc.3 (Dev)
4.0x5.0



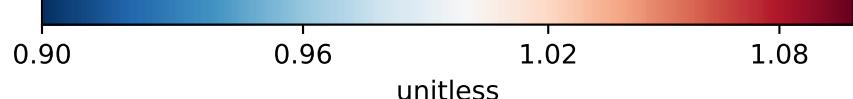
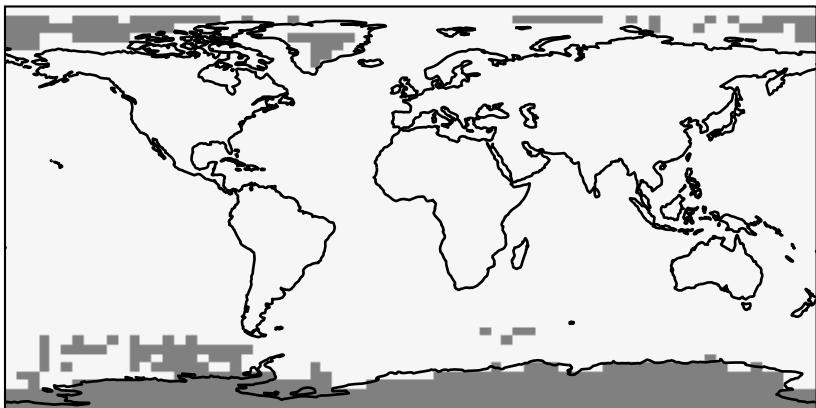
Difference
Dev - Ref, Dynamic Range



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



Ratio
Dev/Ref, Dynamic Range



Ratio
Dev/Ref, Fixed Range

