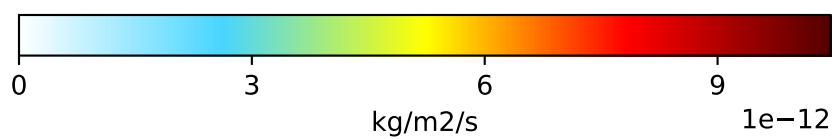
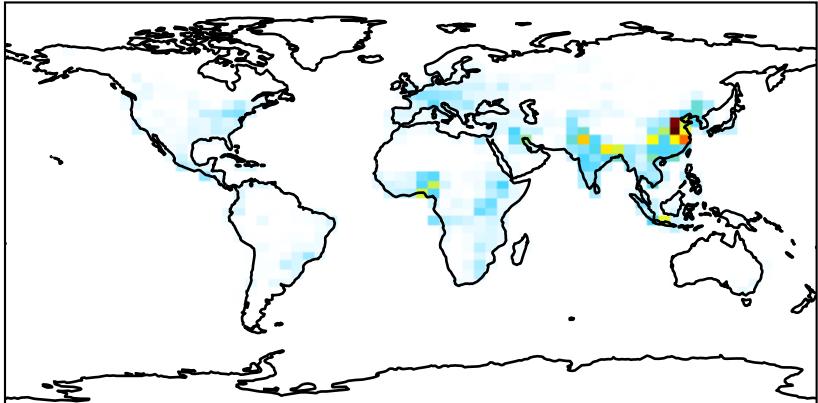
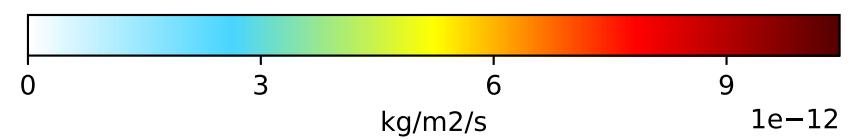
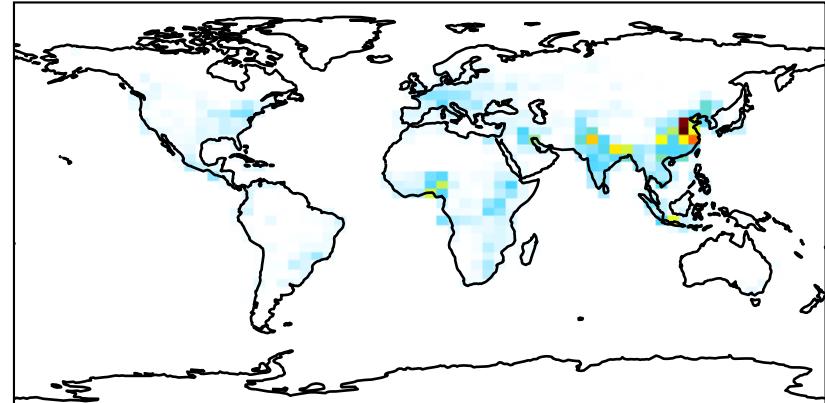


EmisEOH_Anthro (Jan2019)

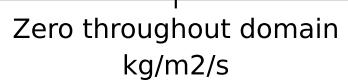
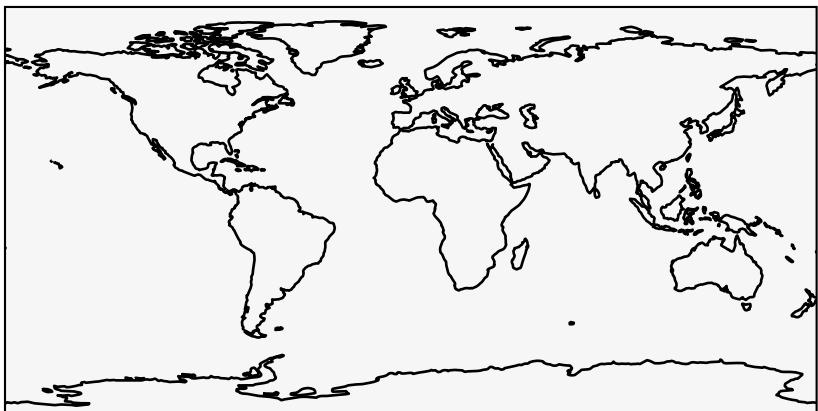
GCC_13.3.0-rc.0 (Ref)
4.0x5.0



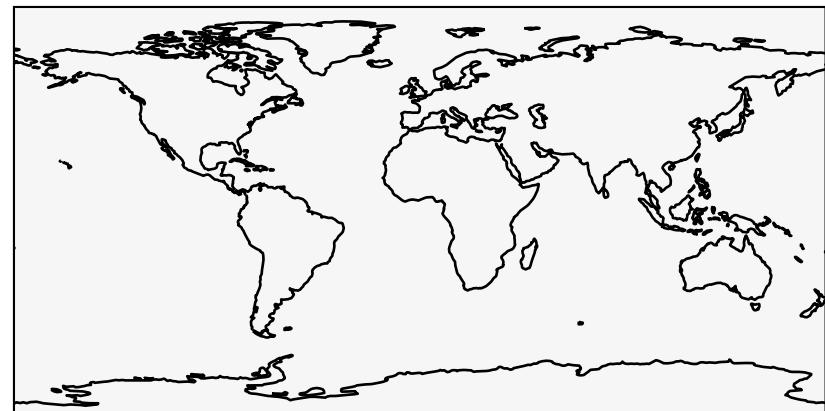
GCC_13.4.0-rc.4 (Dev)
4.0x5.0



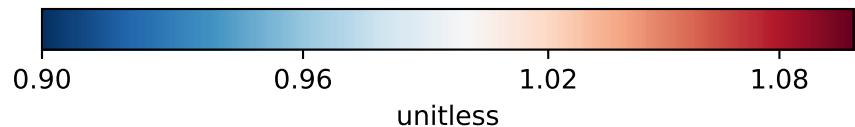
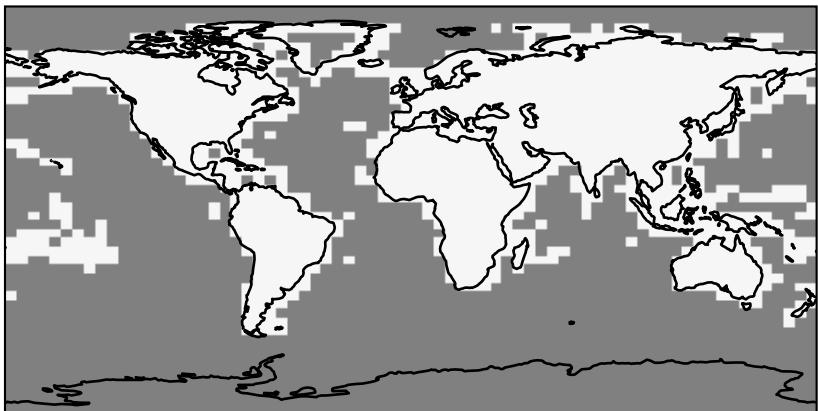
Difference
Dev - Ref, Dynamic Range



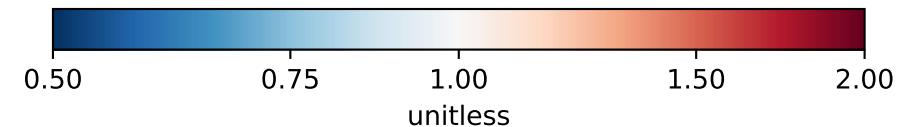
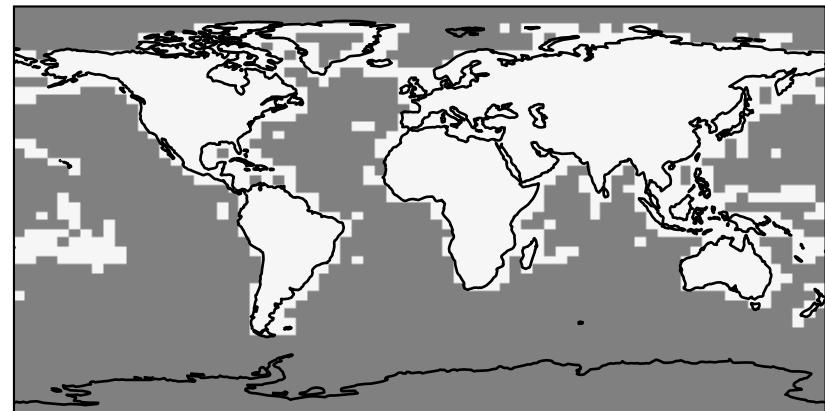
Difference
Dev - Ref, Restricted Range [5%, 95%]



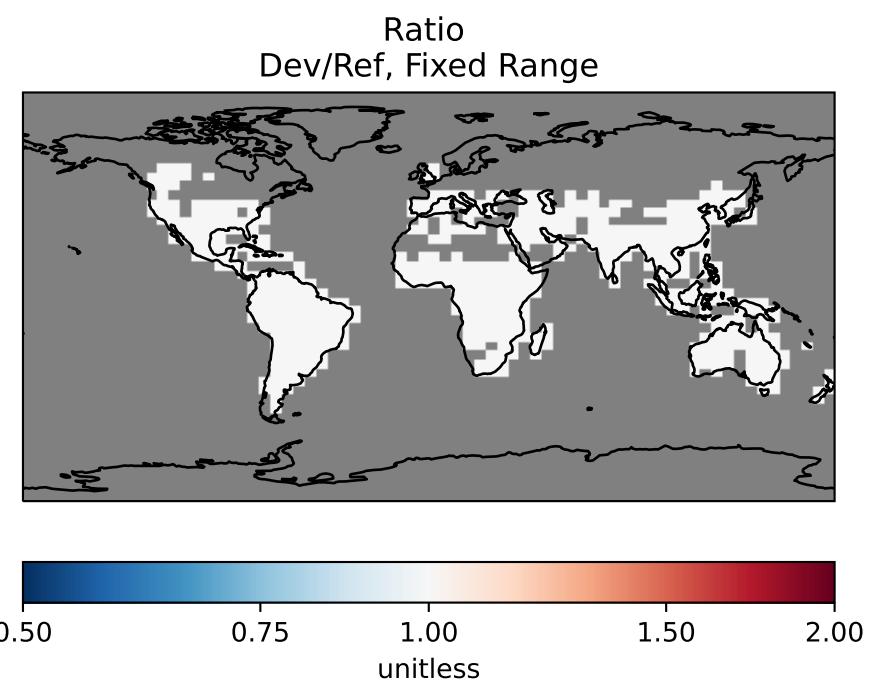
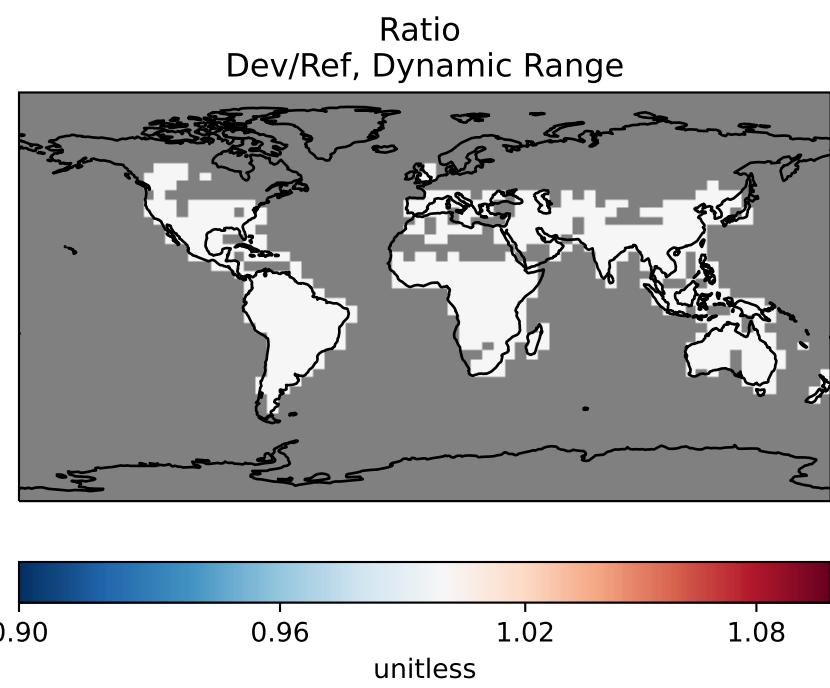
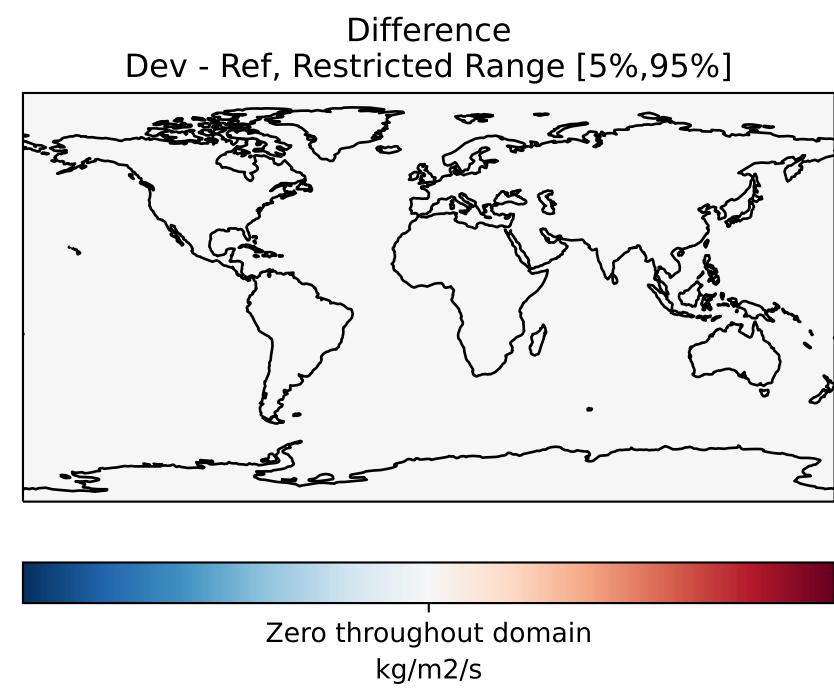
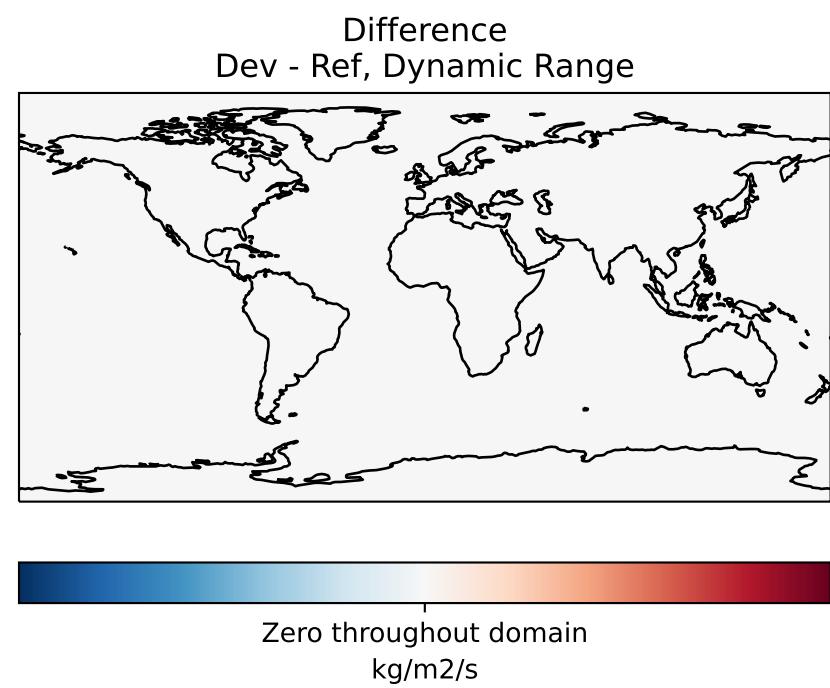
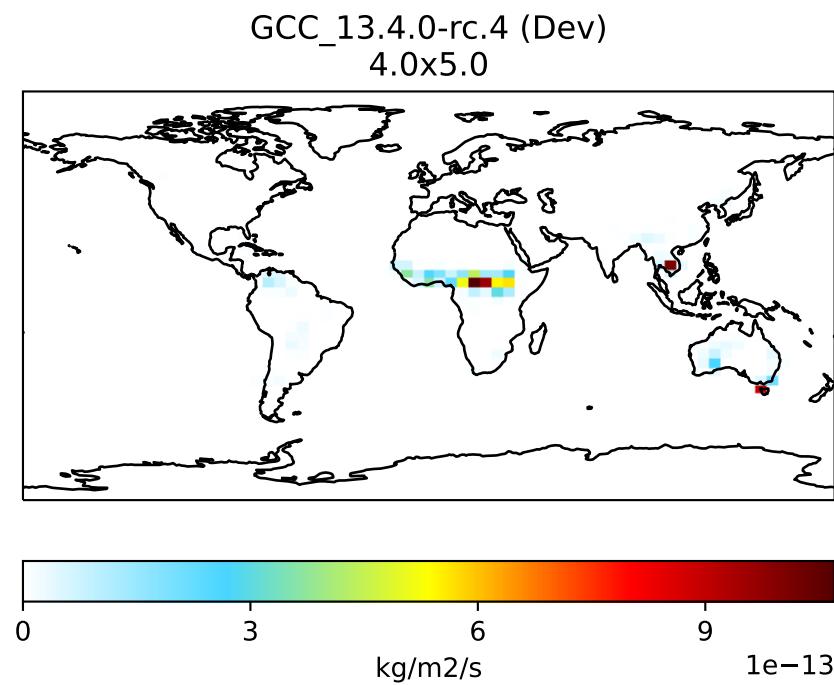
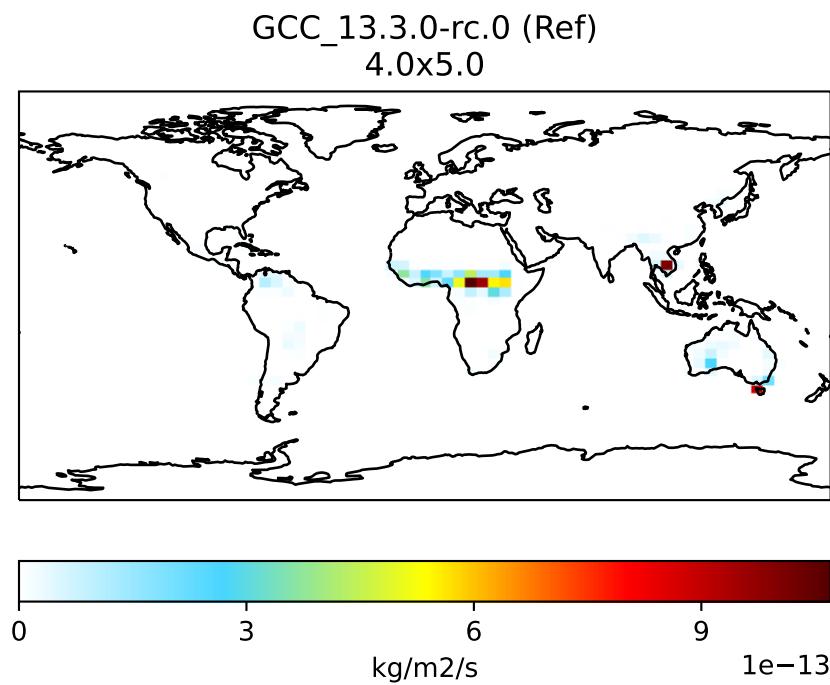
Ratio
Dev/Ref, Dynamic Range



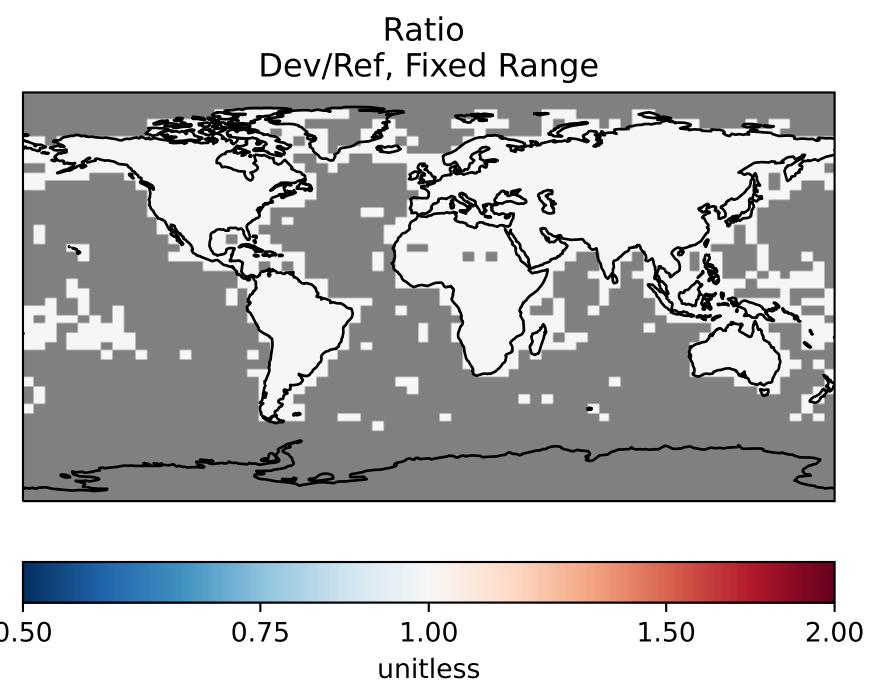
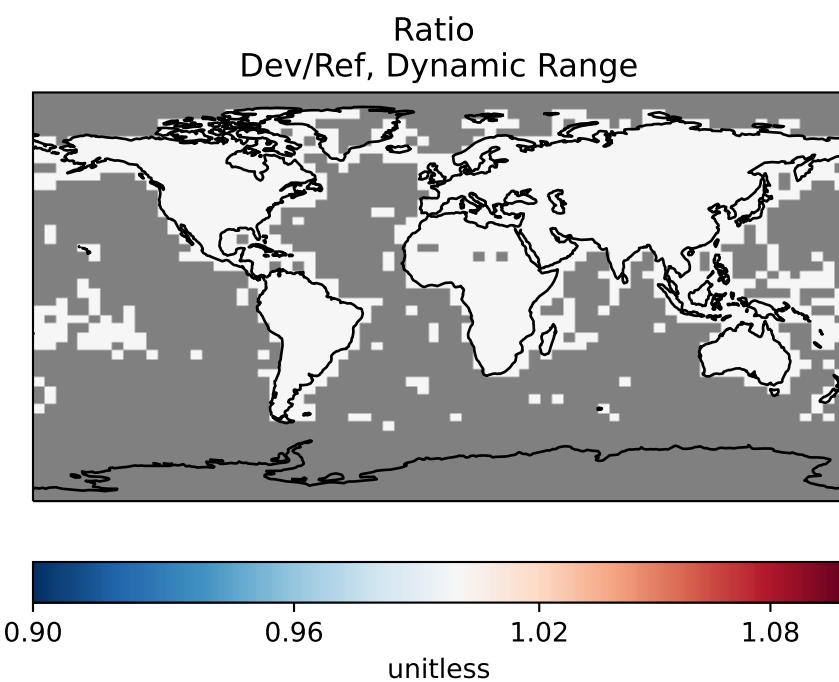
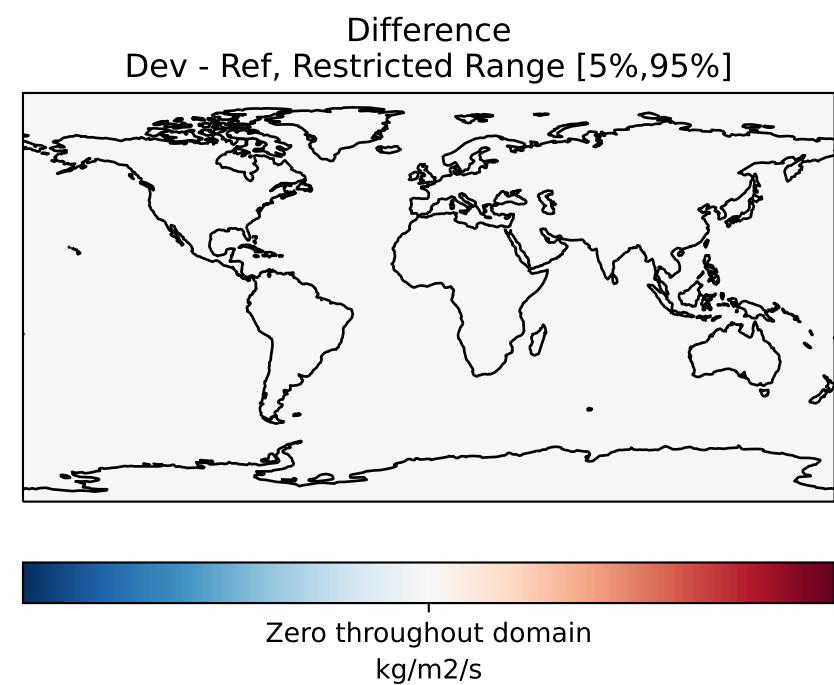
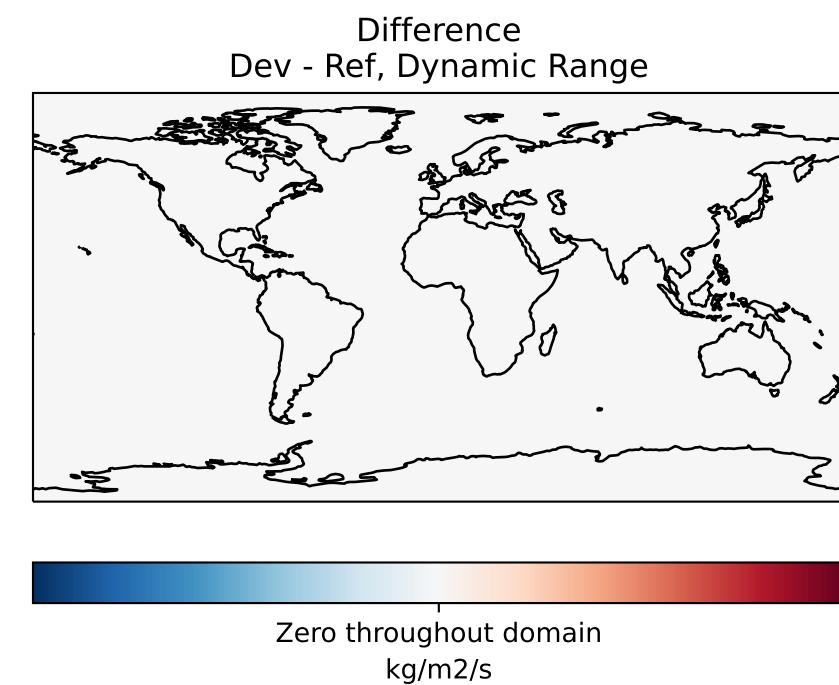
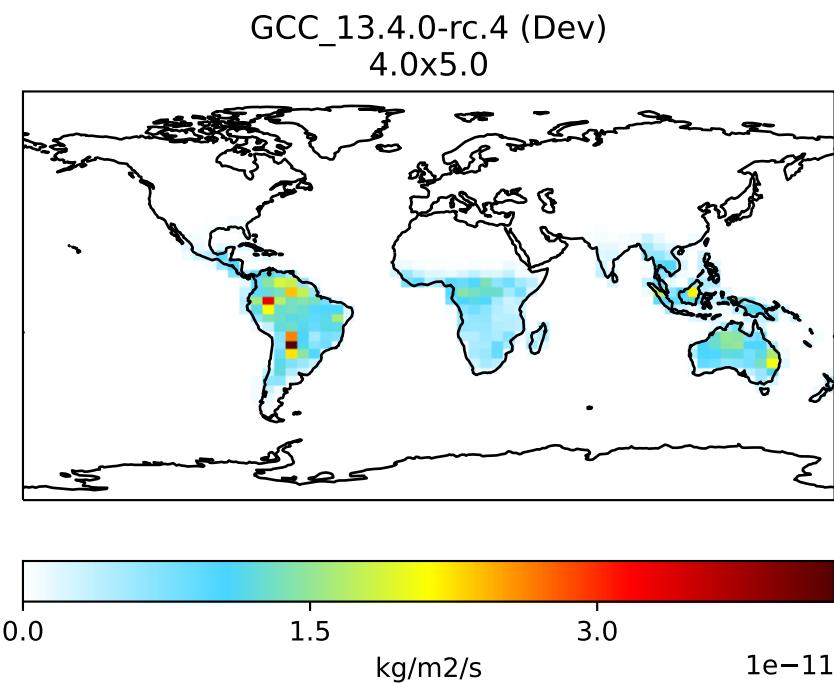
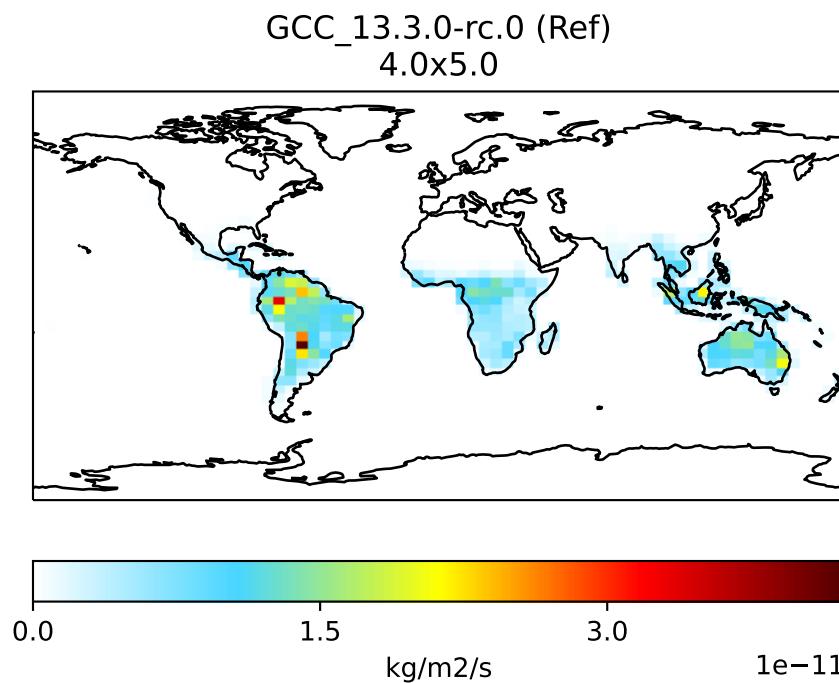
Ratio
Dev/Ref, Fixed Range



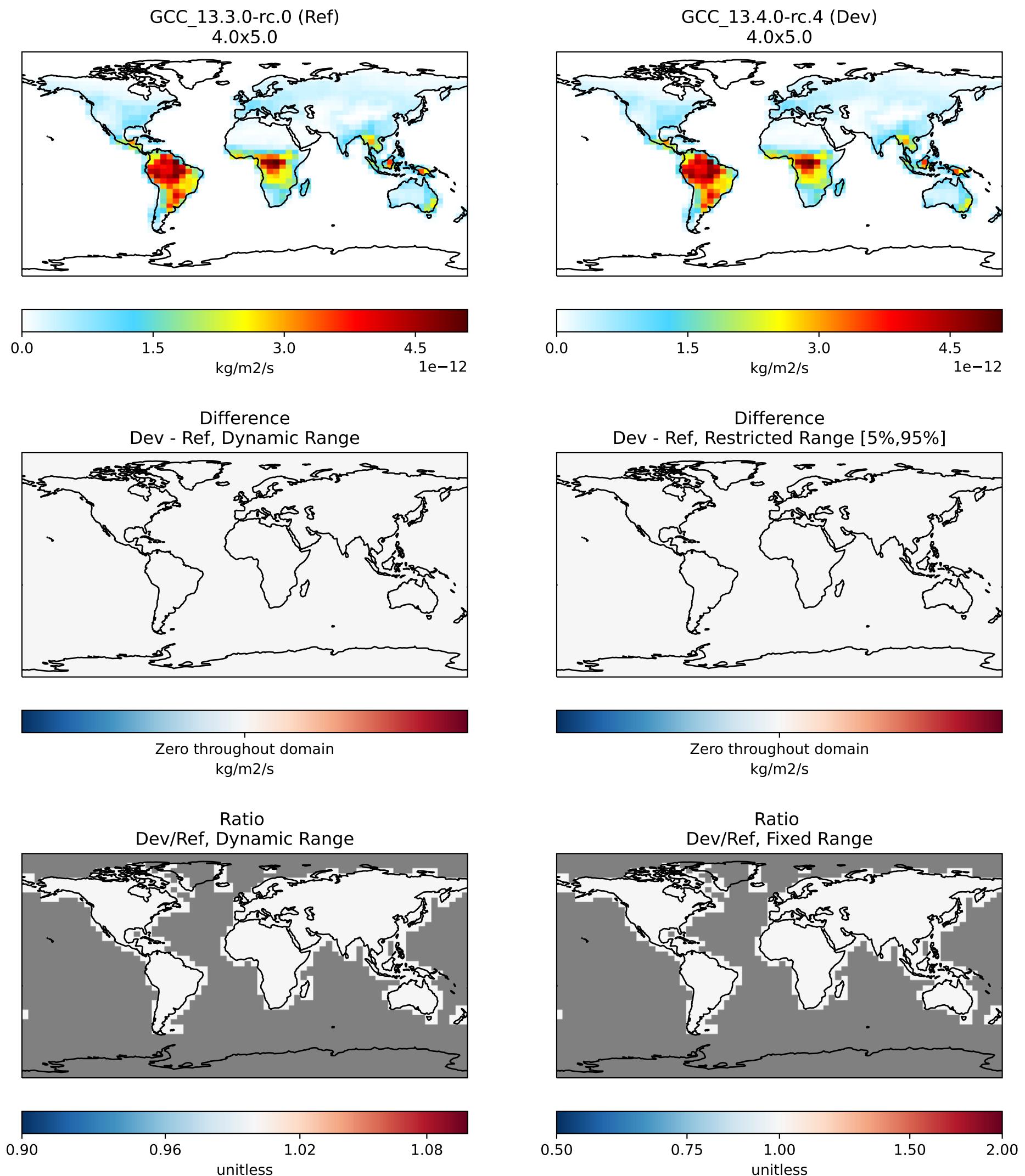
EmisEOH_BioBurn (Jan2019)



EmisEOH_Biogenic (Jan2019)

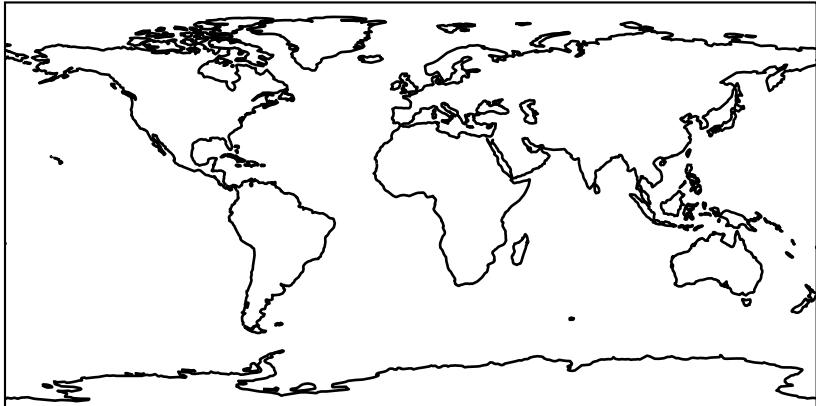


EmisEOH_PlantDecay (Jan2019)



EmisEOH_Ship (Jan2019)

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



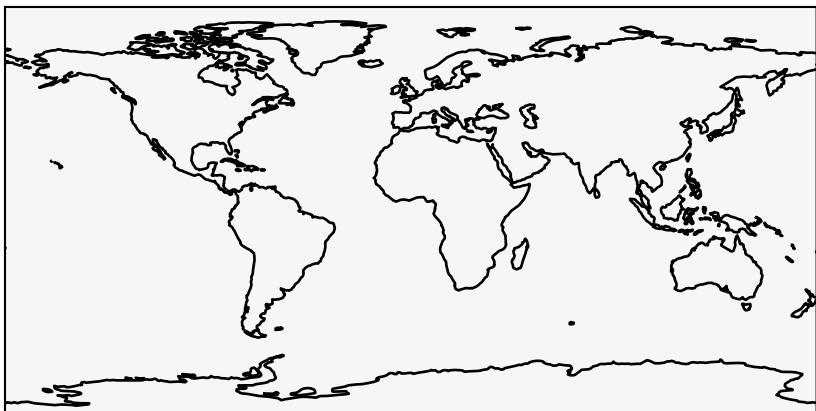
Zero throughout domain
kg/m²/s

GCC_13.4.0-rc.4 (Dev)
4.0x5.0



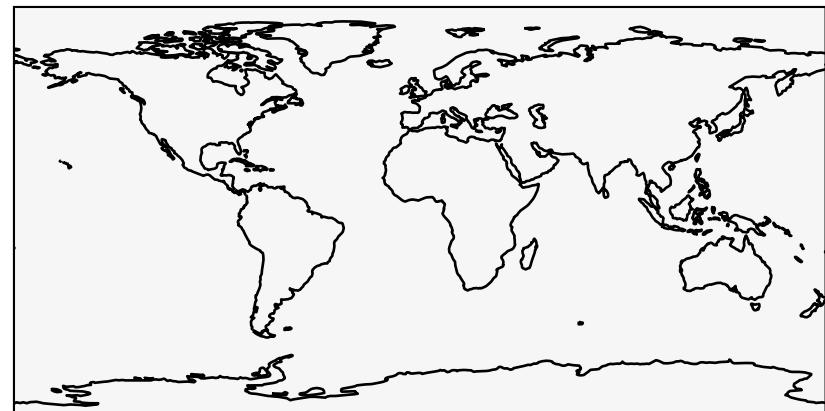
Zero throughout domain
kg/m²/s

Difference
Dev - Ref, Dynamic Range



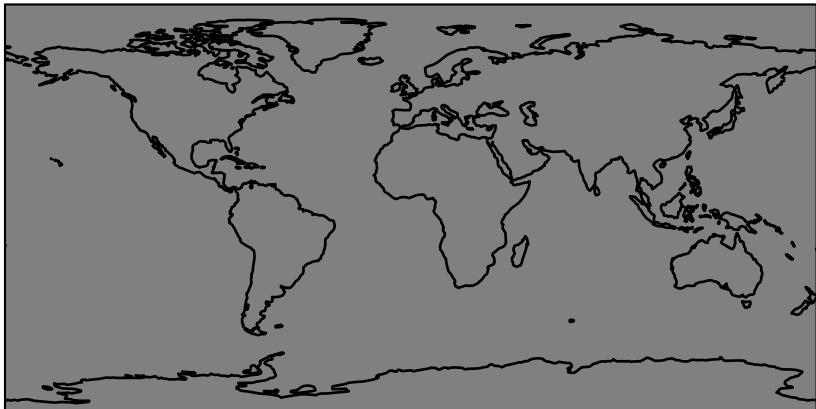
Zero throughout domain
kg/m²/s

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



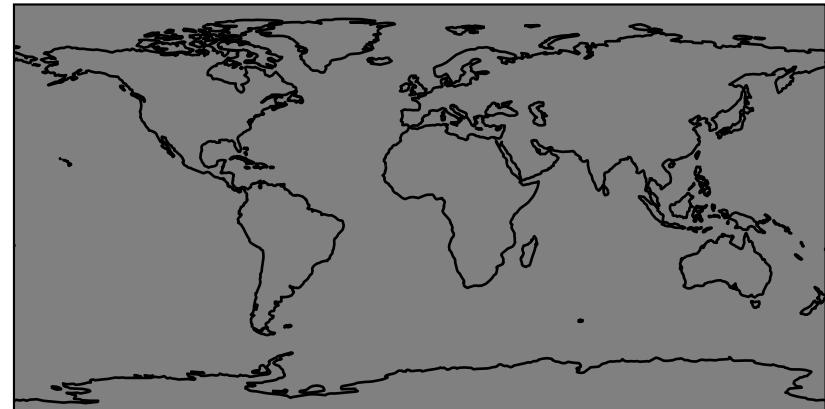
Zero throughout domain
kg/m²/s

Ratio
Dev/Ref, Dynamic Range



Undefined throughout domain
unitless

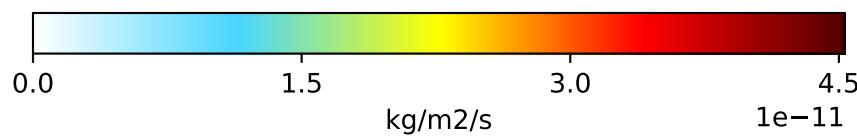
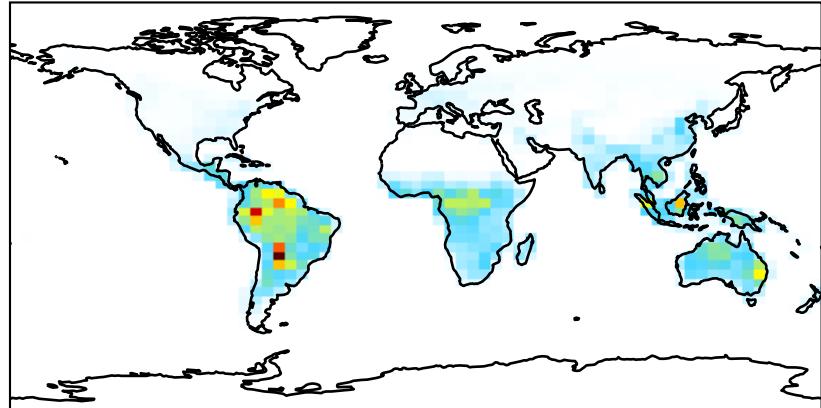
Ratio
Dev/Ref, Fixed Range



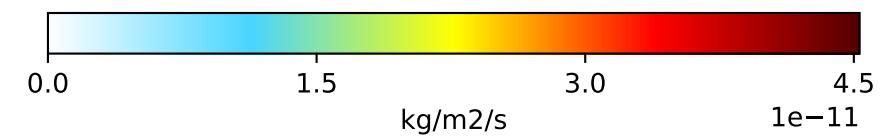
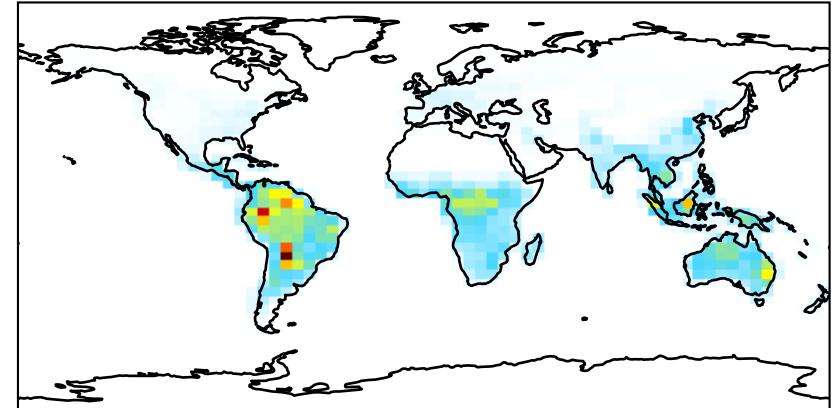
Undefined throughout domain
unitless

EmisEOH_Total (Jan2019)

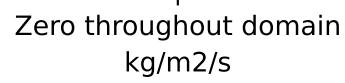
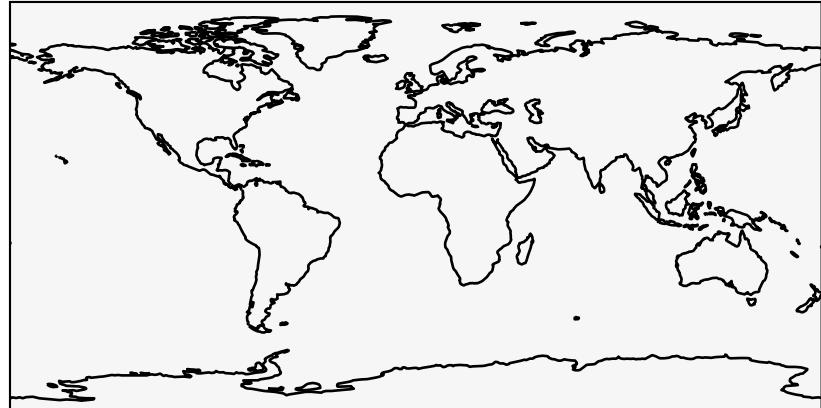
GCC_13.3.0-rc.0 (Ref)
4.0x5.0



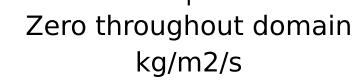
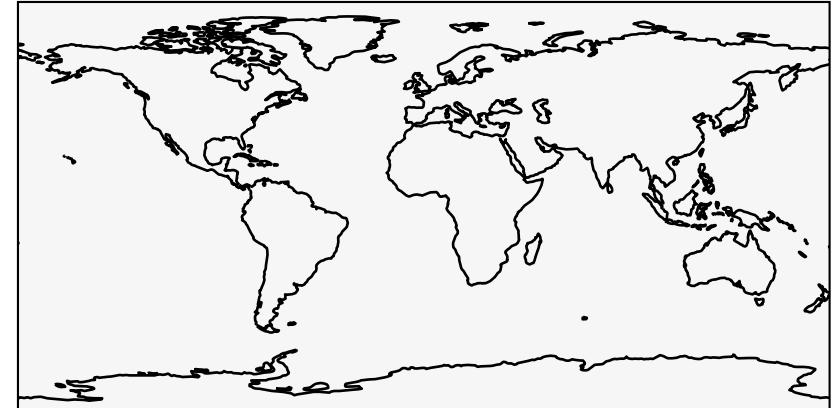
GCC_13.4.0-rc.4 (Dev)
4.0x5.0



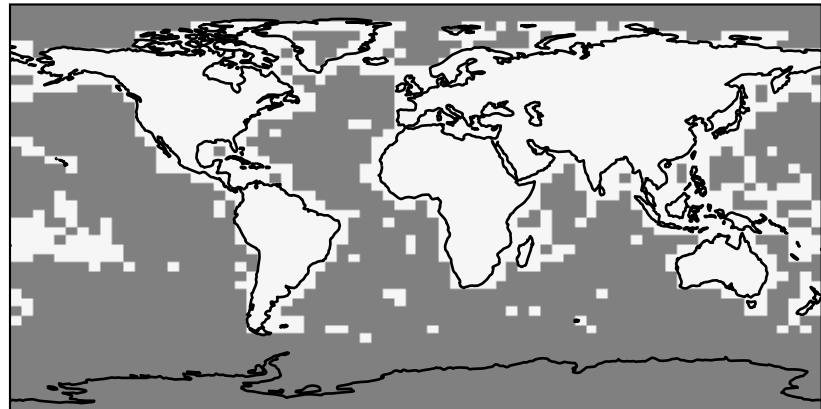
Difference
Dev - Ref, Dynamic Range



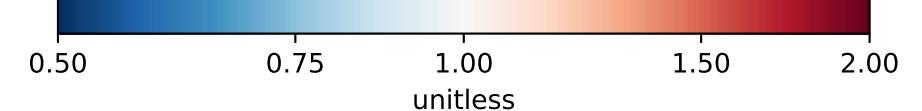
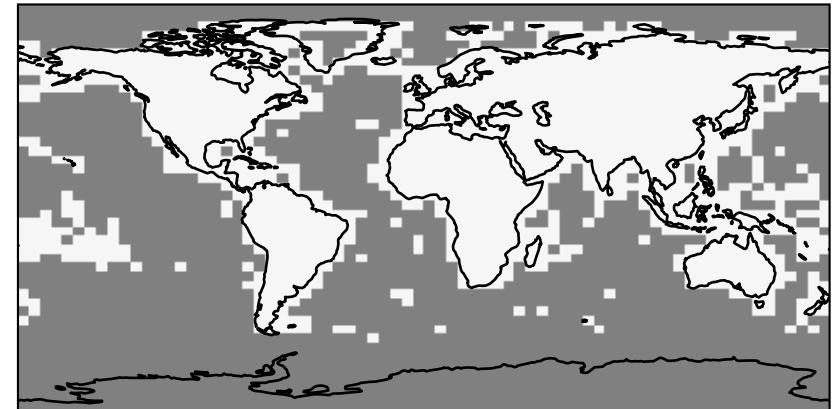
Difference
Dev - Ref, Restricted Range [5%, 95%]



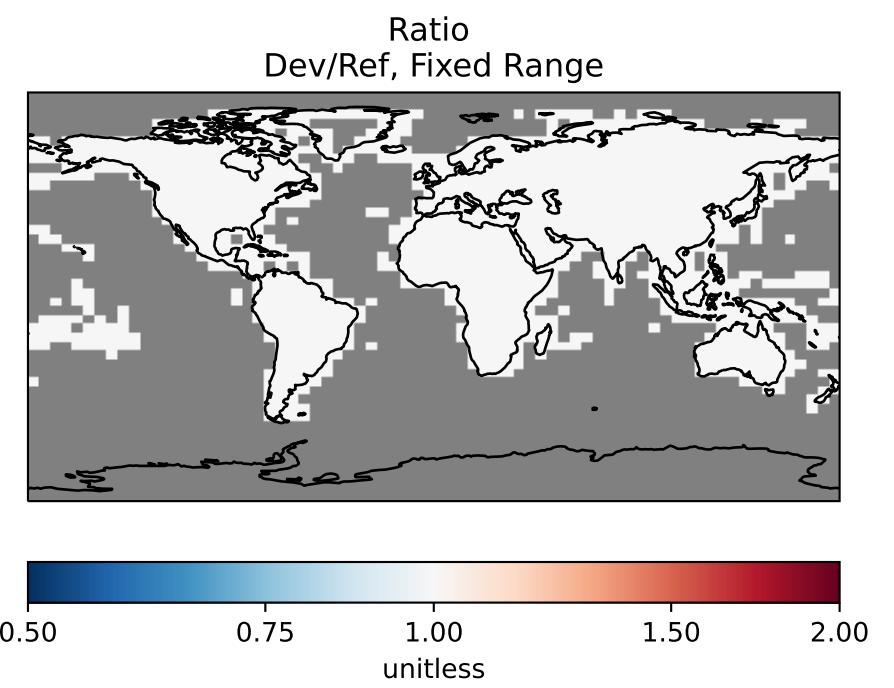
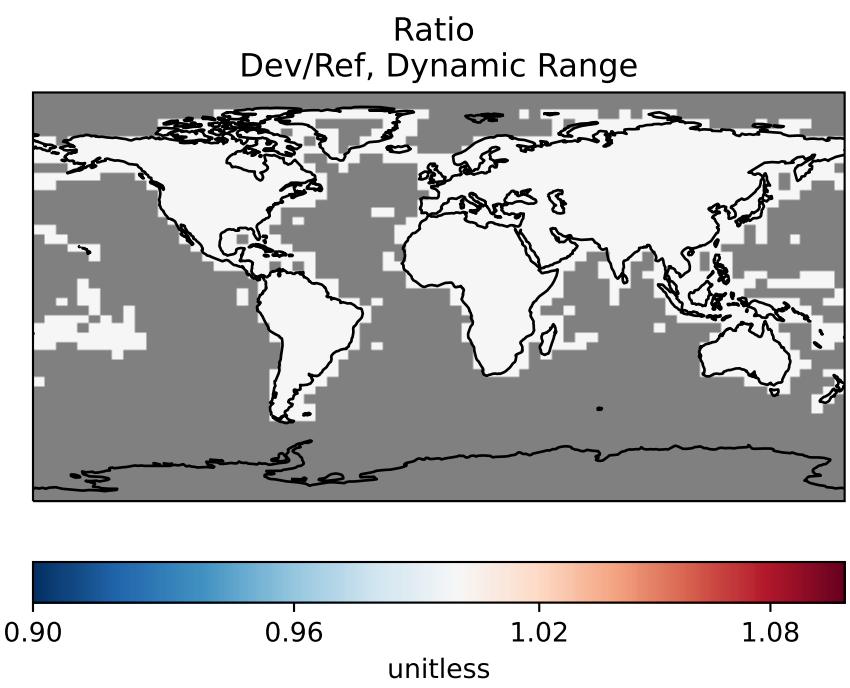
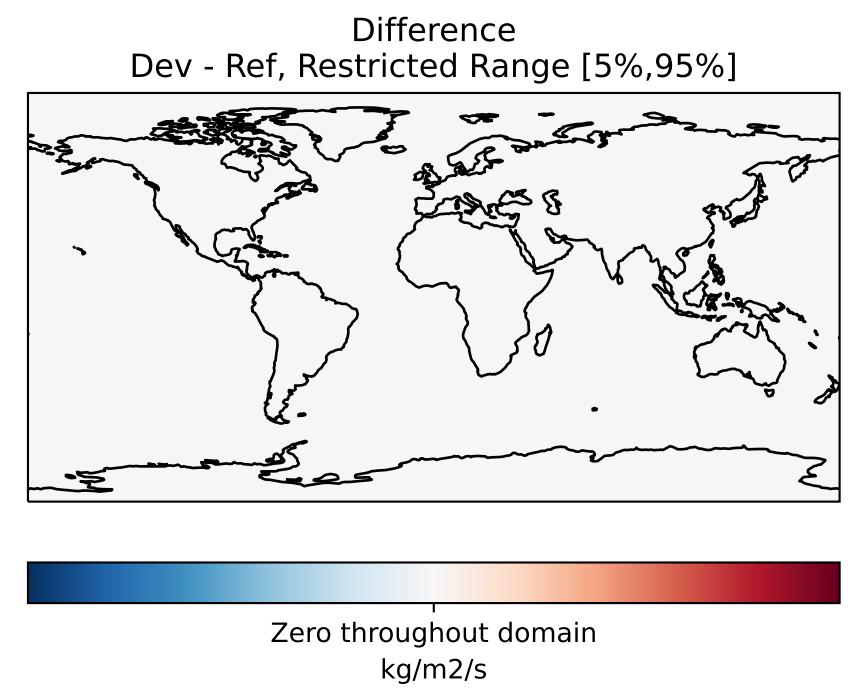
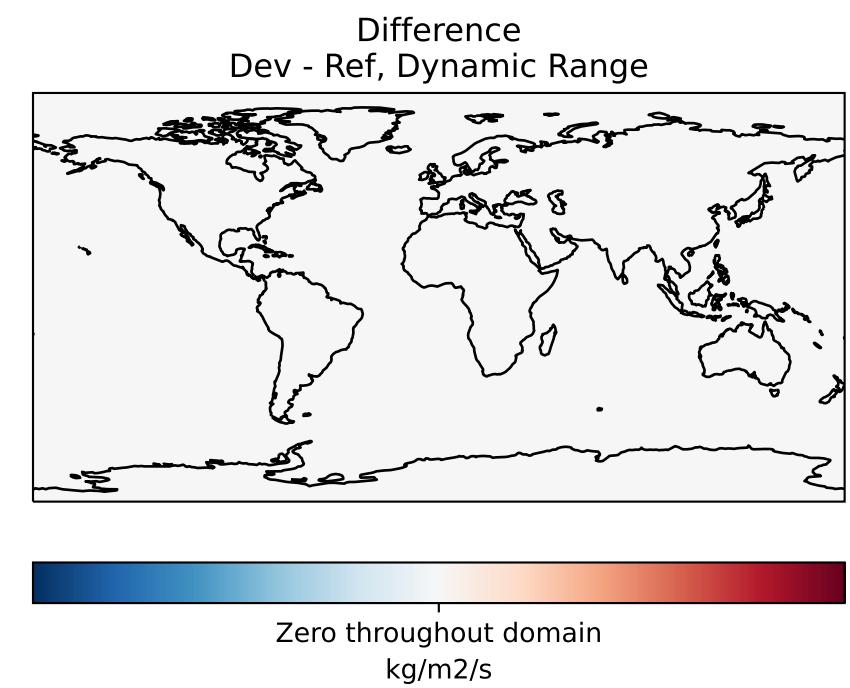
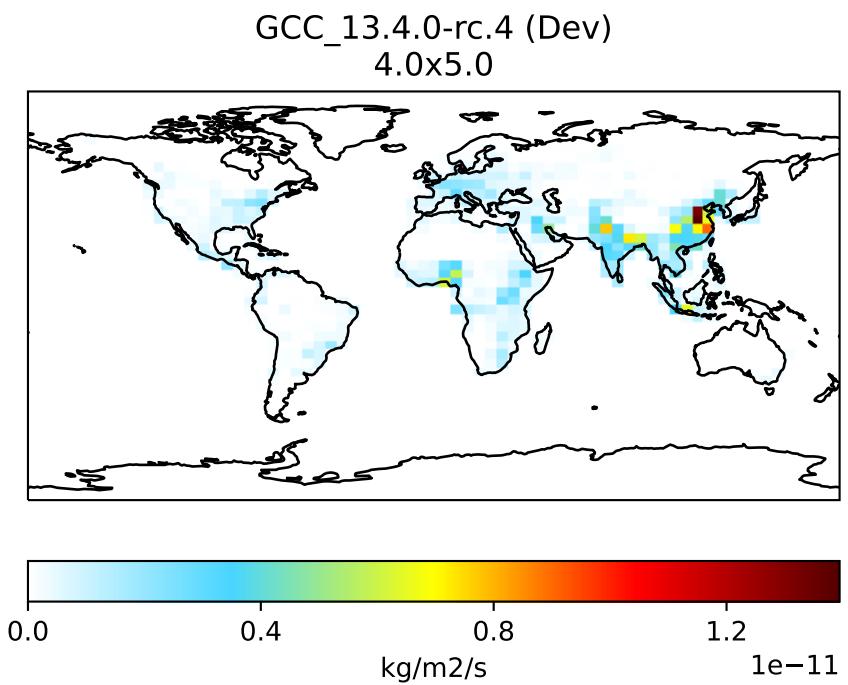
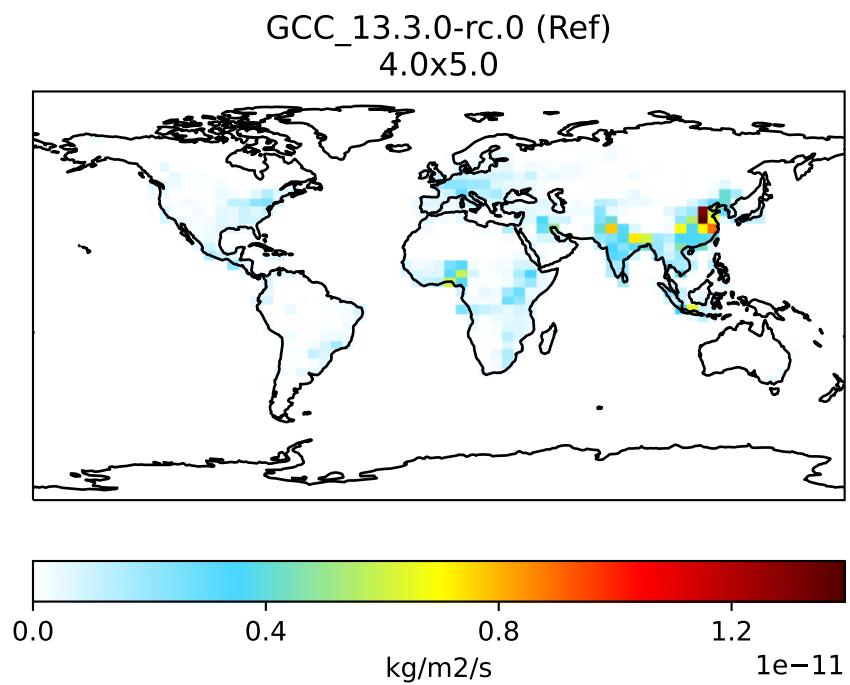
Ratio
Dev/Ref, Dynamic Range



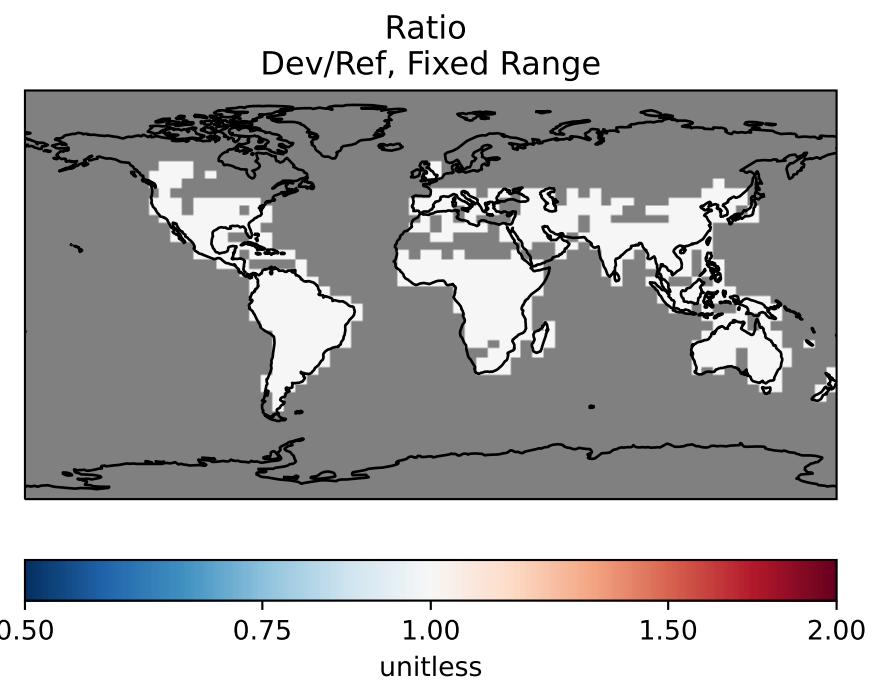
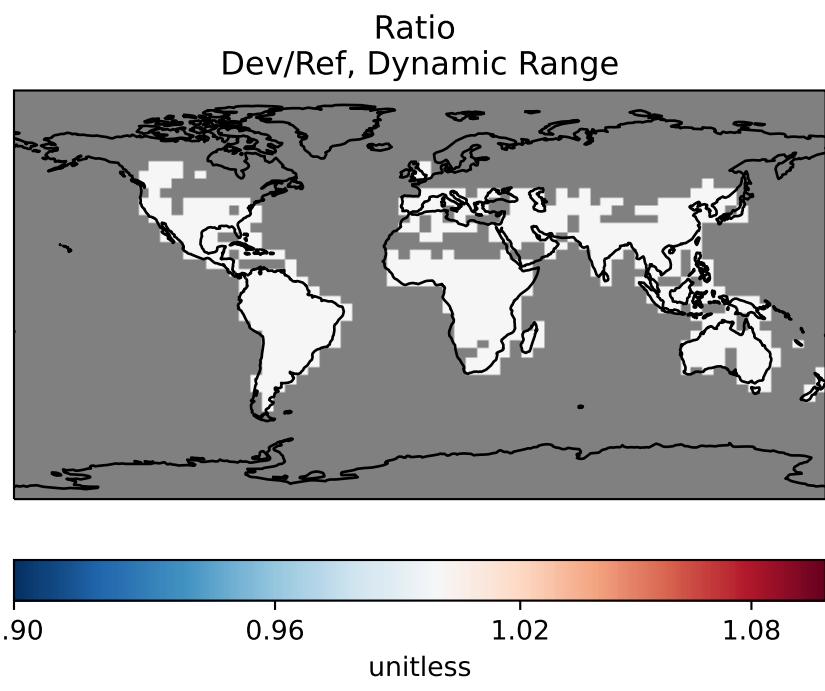
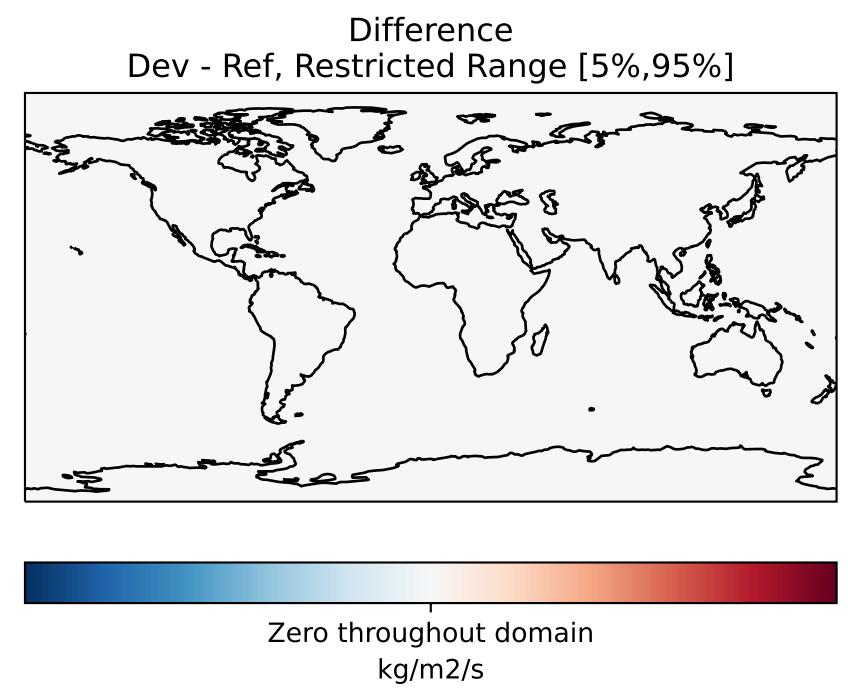
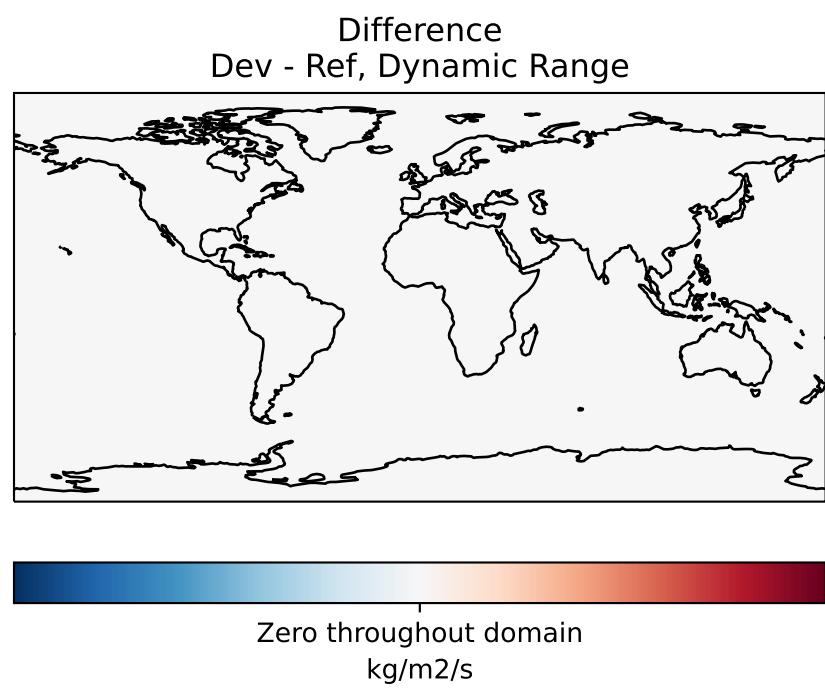
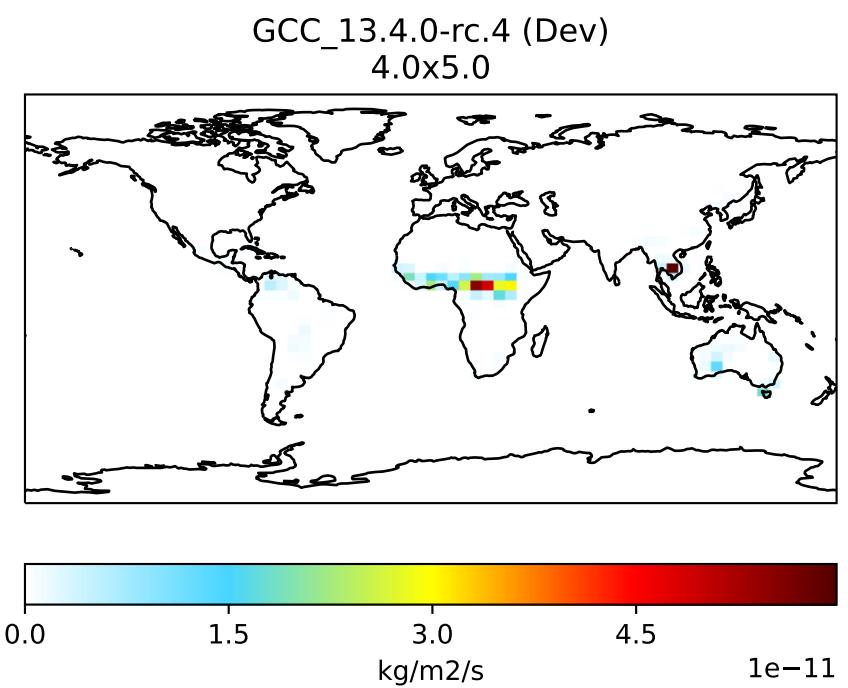
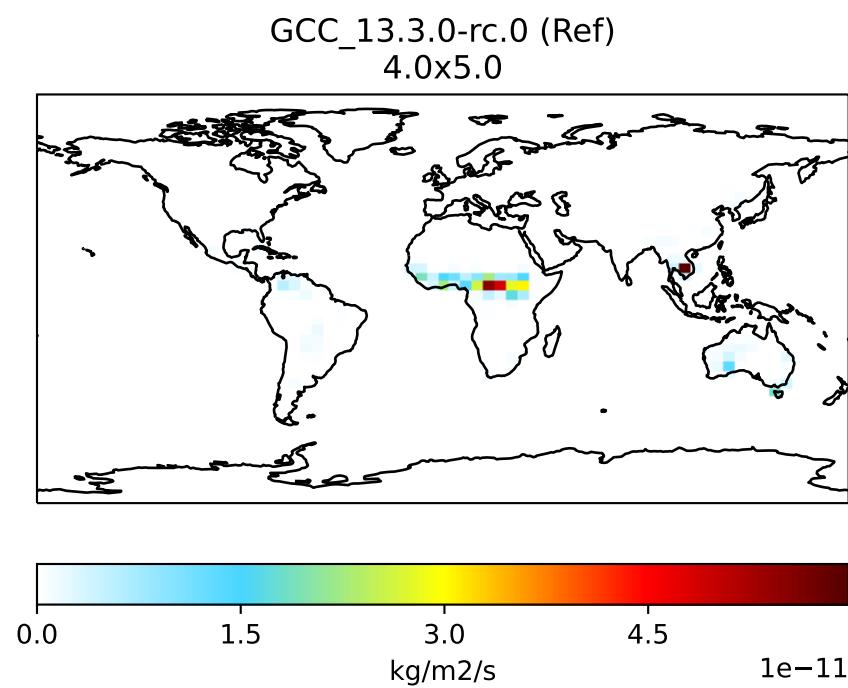
Ratio
Dev/Ref, Fixed Range



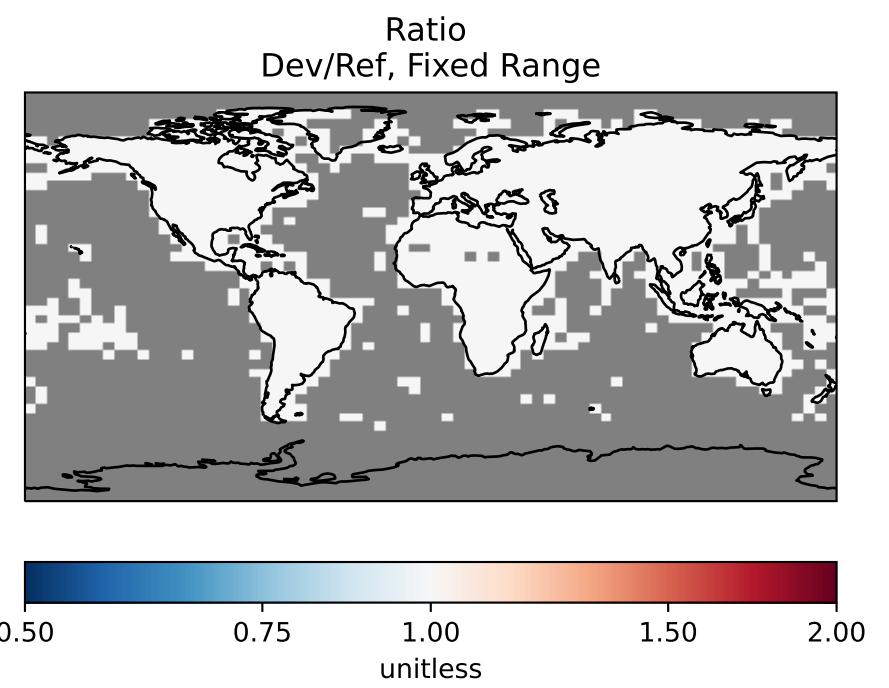
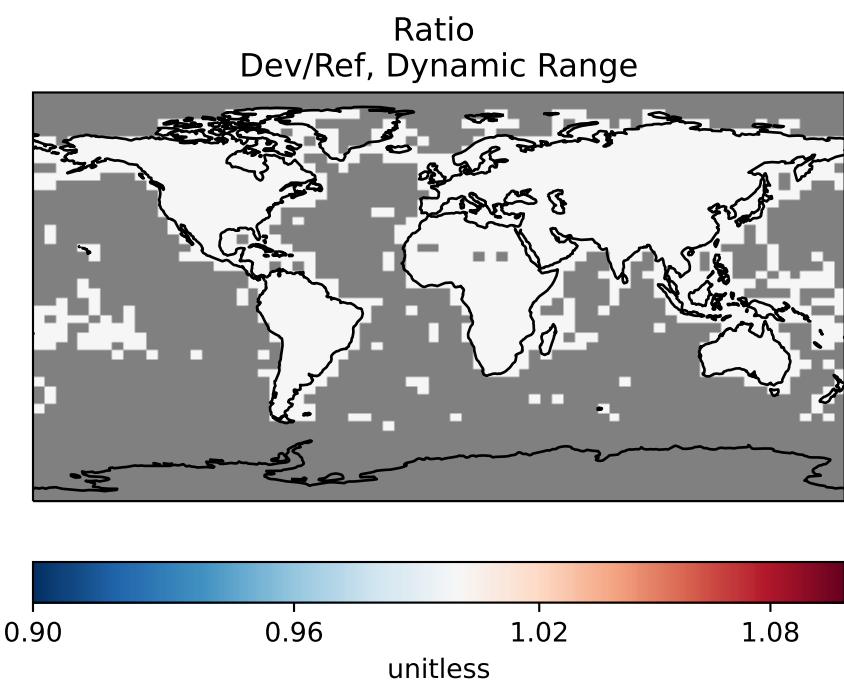
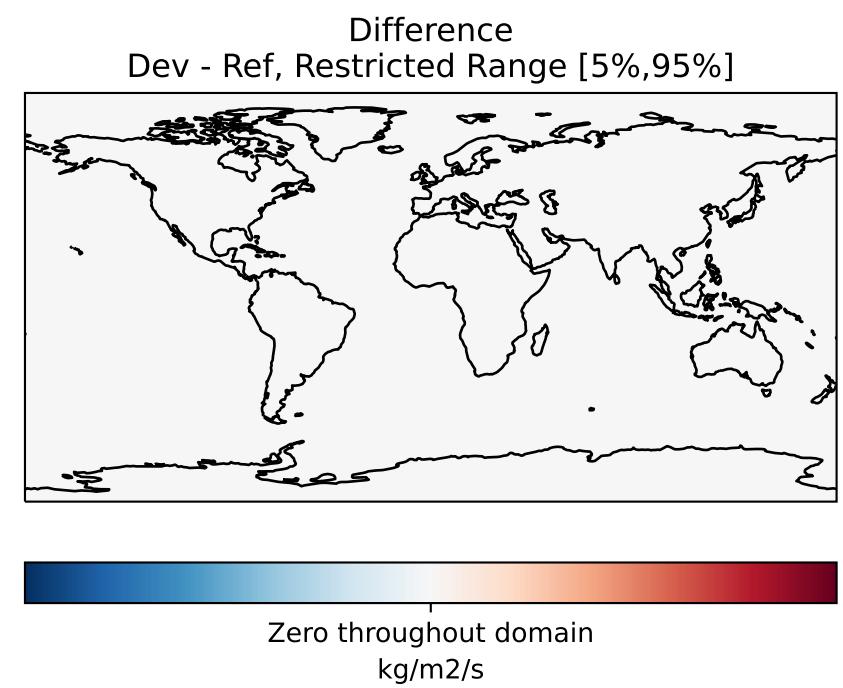
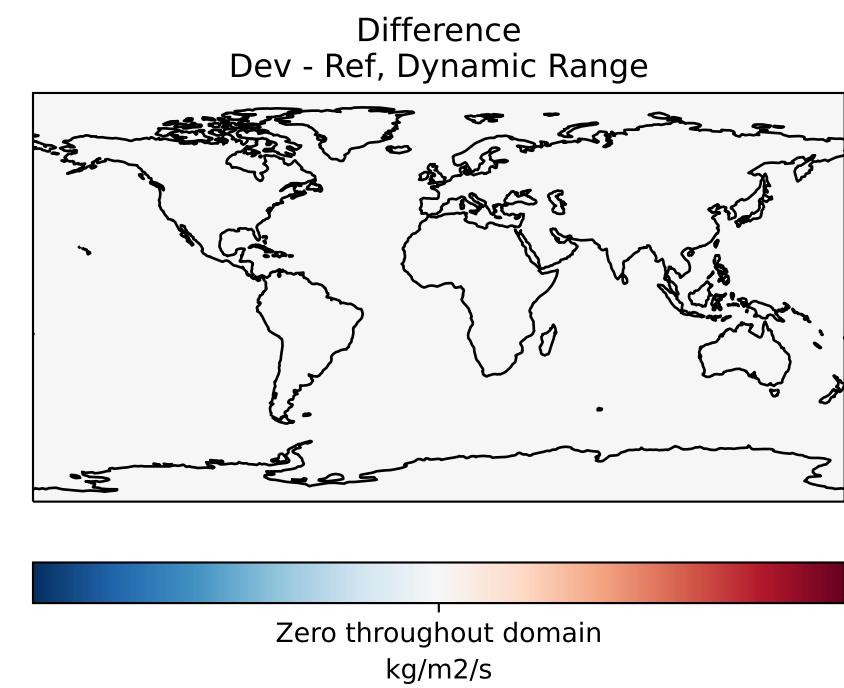
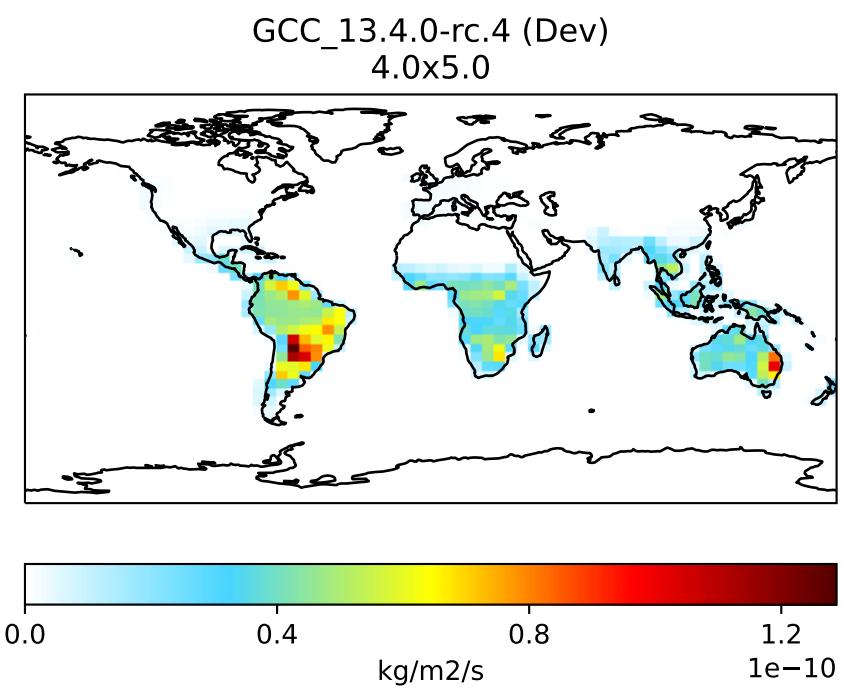
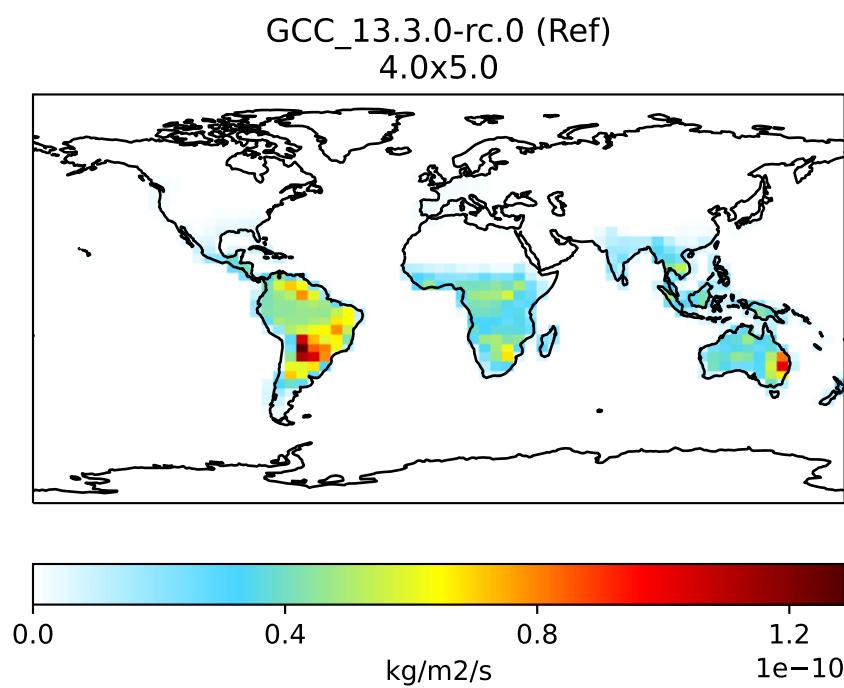
EmisMOH_Anthro (Jan2019)



EmisMOH_BioBurn (Jan2019)

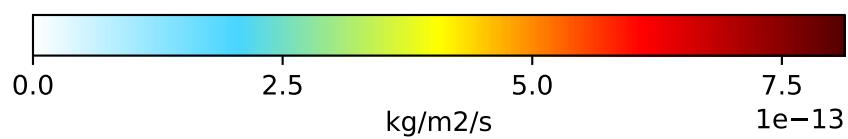
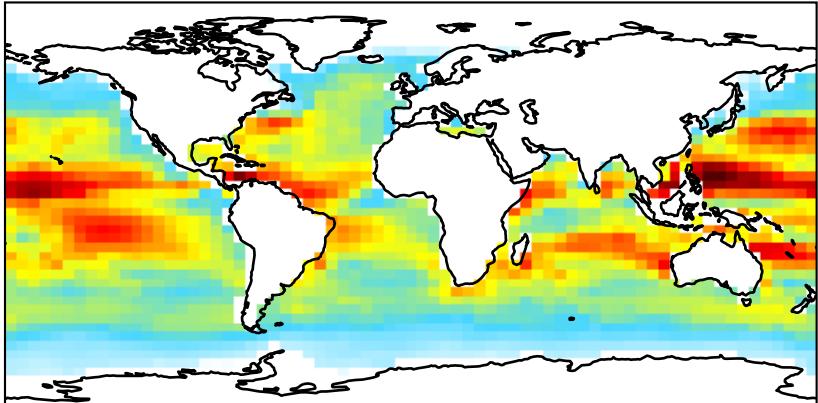


EmisMOH_Biogenic (Jan2019)

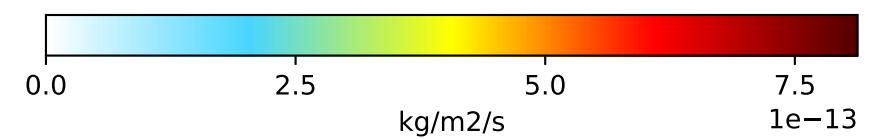
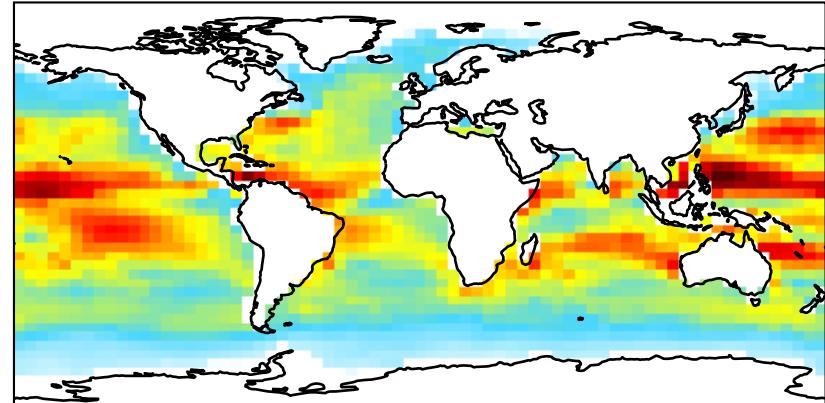


EmisMOH_Ocean (Jan2019)

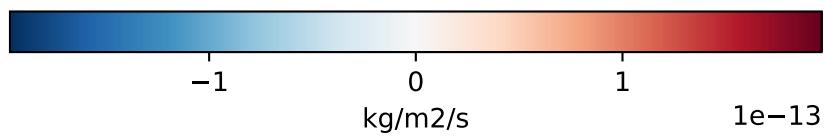
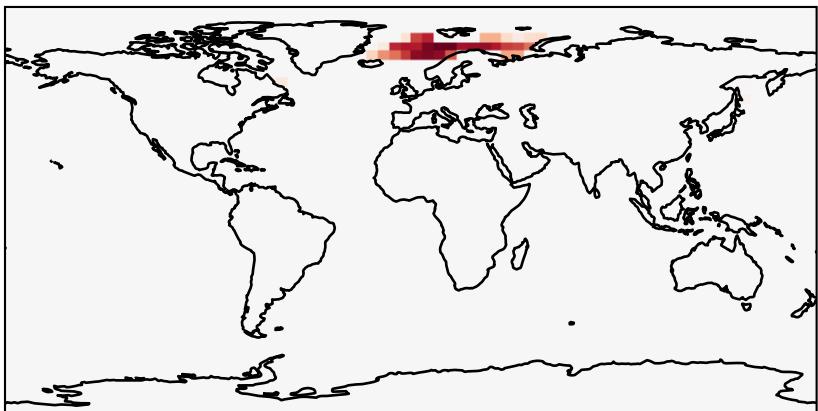
GCC_13.3.0-rc.0 (Ref)
4.0x5.0



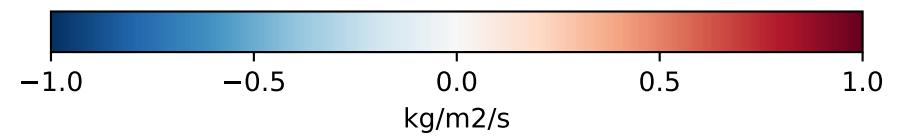
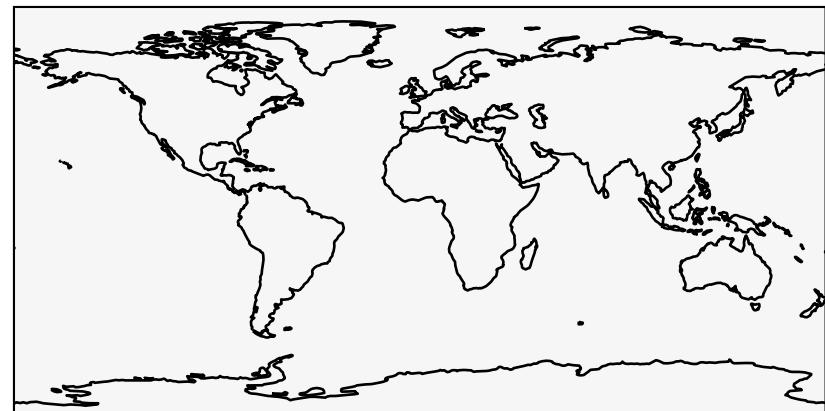
GCC_13.4.0-rc.4 (Dev)
4.0x5.0



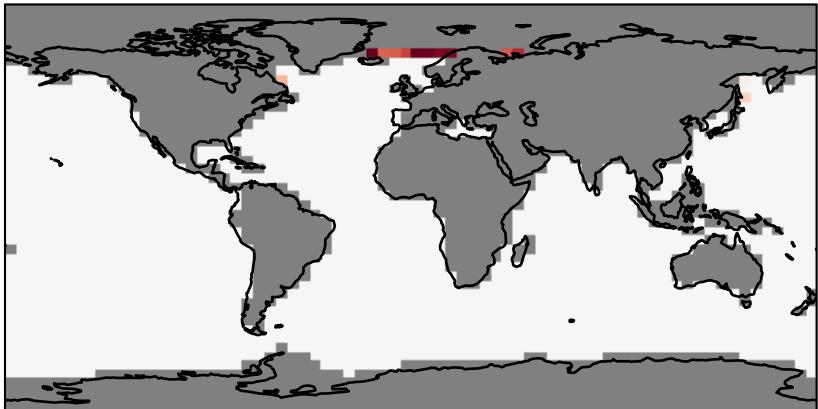
Difference
Dev - Ref, Dynamic Range



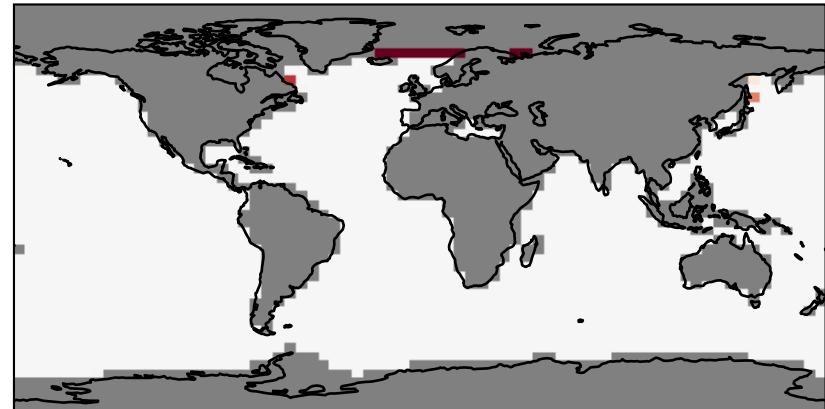
Difference
Dev - Ref, Restricted Range [5%, 95%]



Ratio
Dev/Ref, Dynamic Range

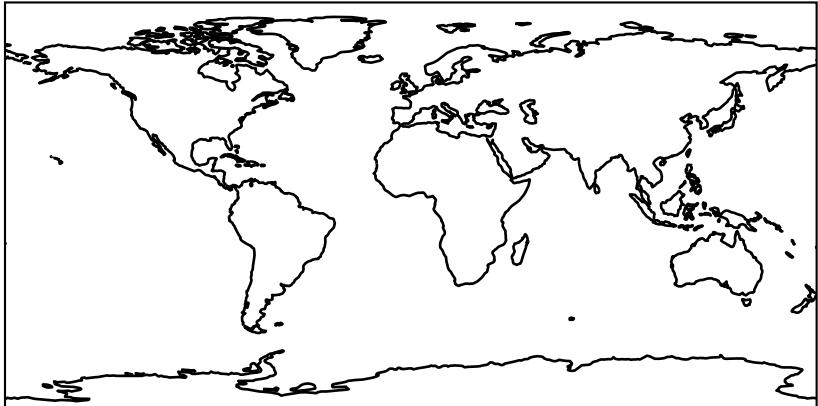


Ratio
Dev/Ref, Fixed Range



EmisMOH_Ship (Jan2019)

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



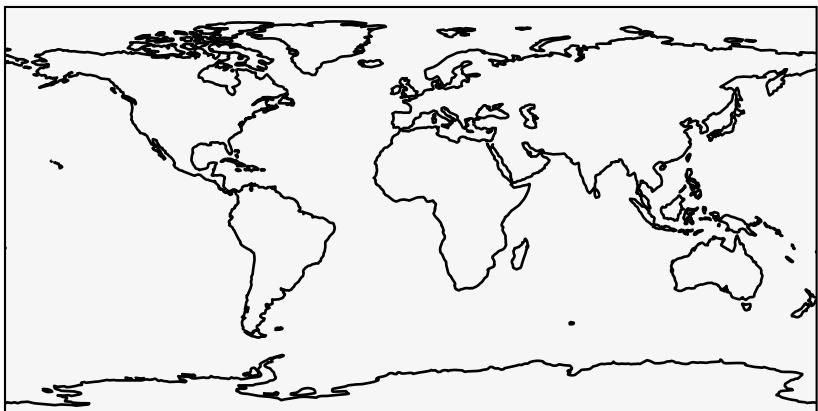
Zero throughout domain
kg/m²/s

GCC_13.4.0-rc.4 (Dev)
4.0x5.0



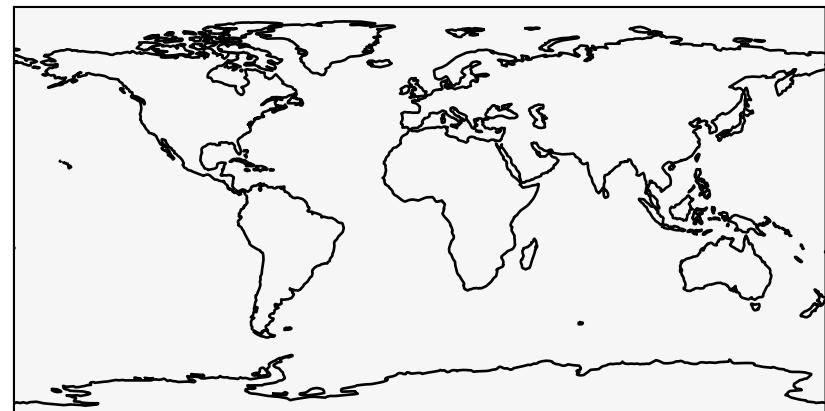
Zero throughout domain
kg/m²/s

Difference
Dev - Ref, Dynamic Range



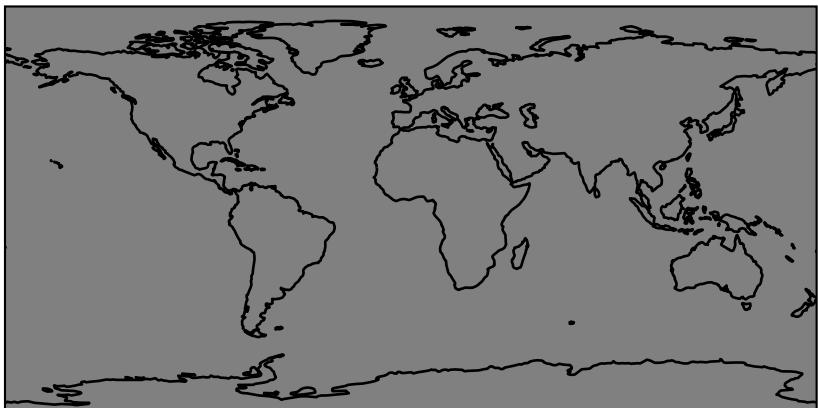
Zero throughout domain
kg/m²/s

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



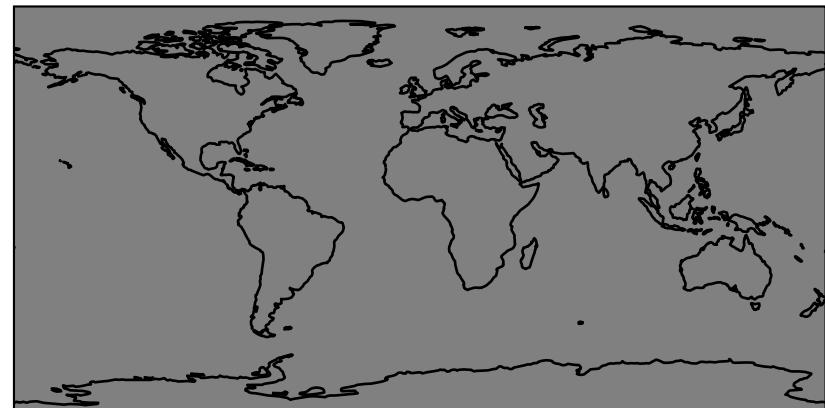
Zero throughout domain
kg/m²/s

Ratio
Dev/Ref, Dynamic Range



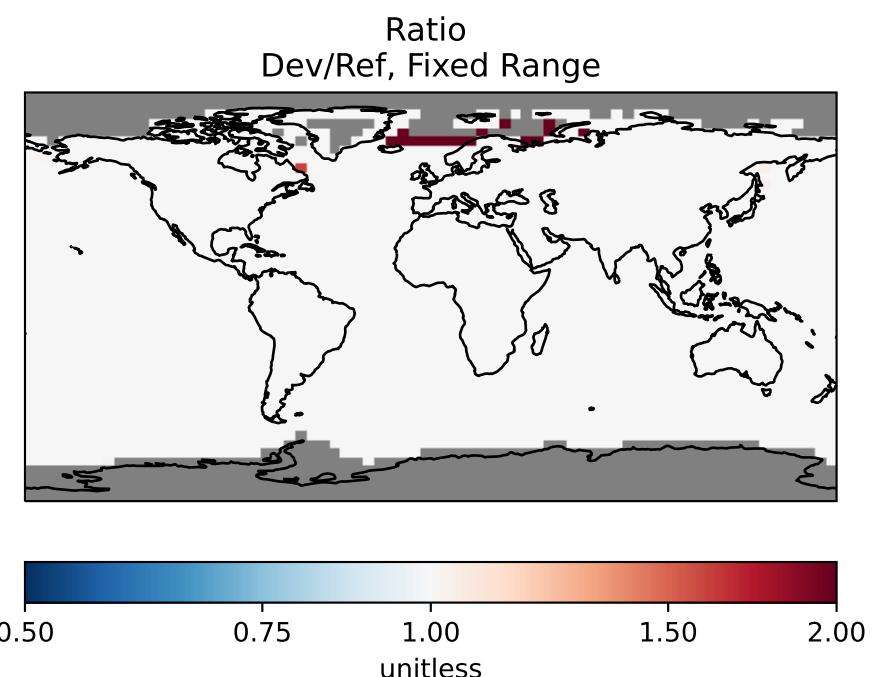
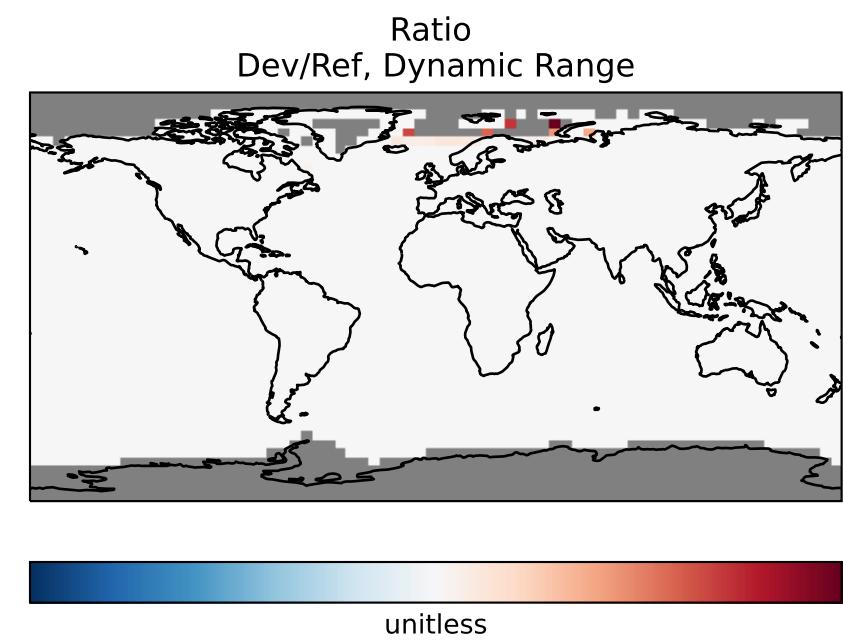
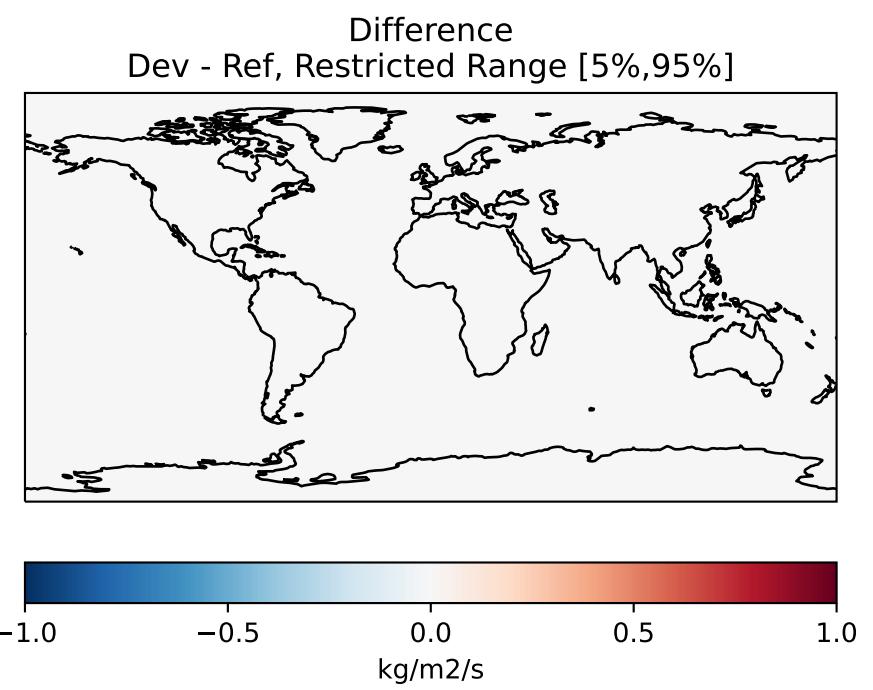
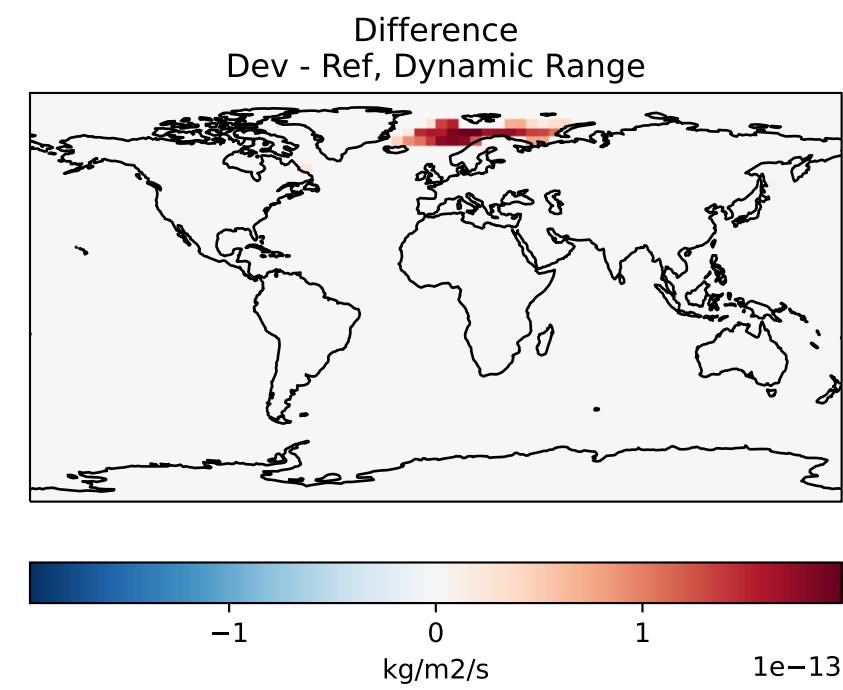
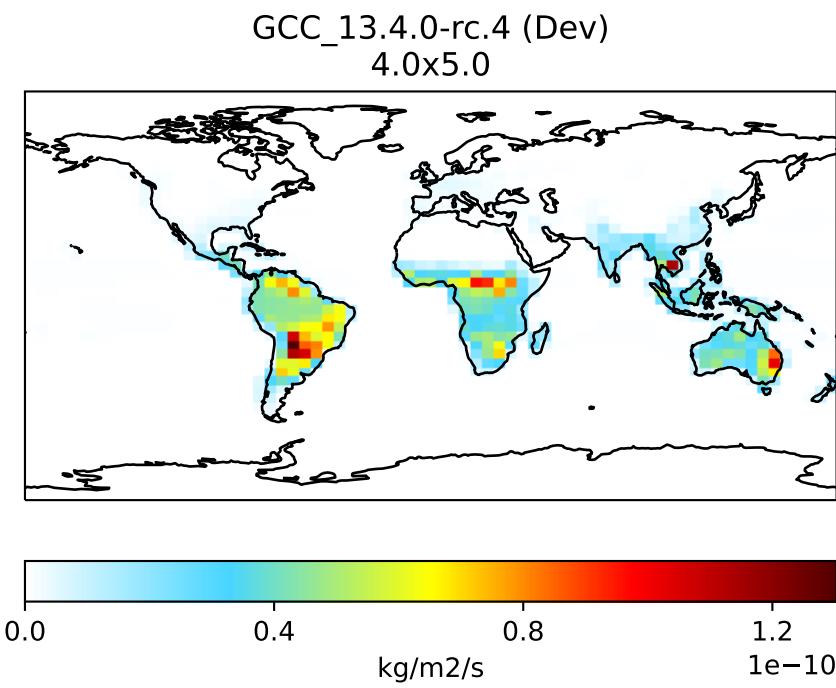
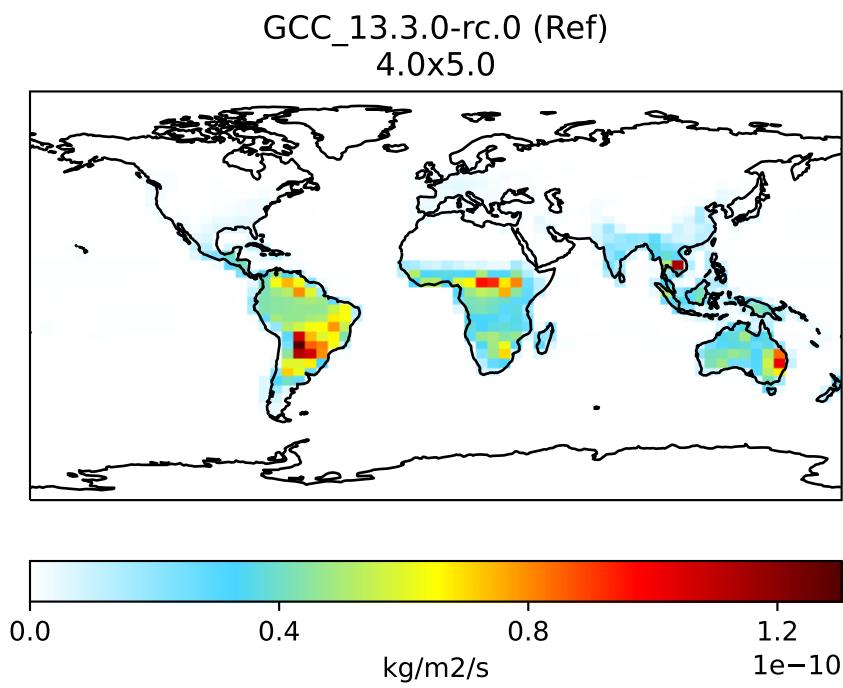
Undefined throughout domain
unitless

Ratio
Dev/Ref, Fixed Range



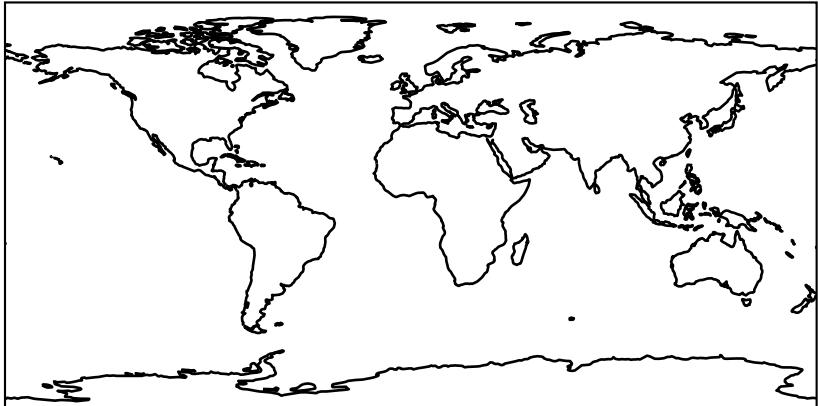
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EmisMOH_Total (Jan2019)



EmisISOP_Anthro (Jan2019)

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



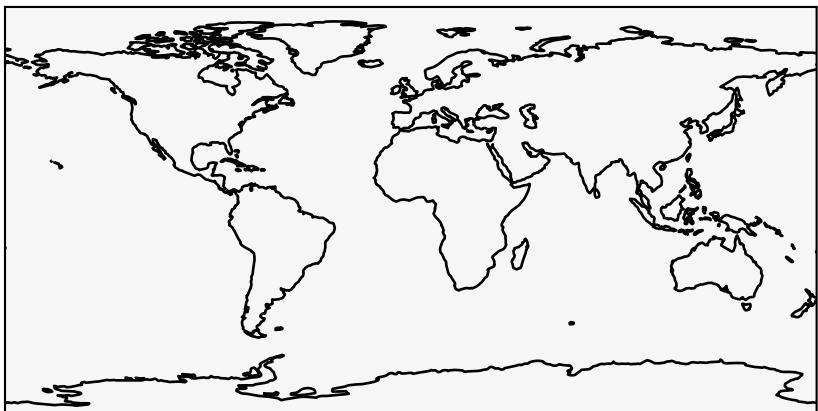
Zero throughout domain
kg/m²/s

GCC_13.4.0-rc.4 (Dev)
4.0x5.0



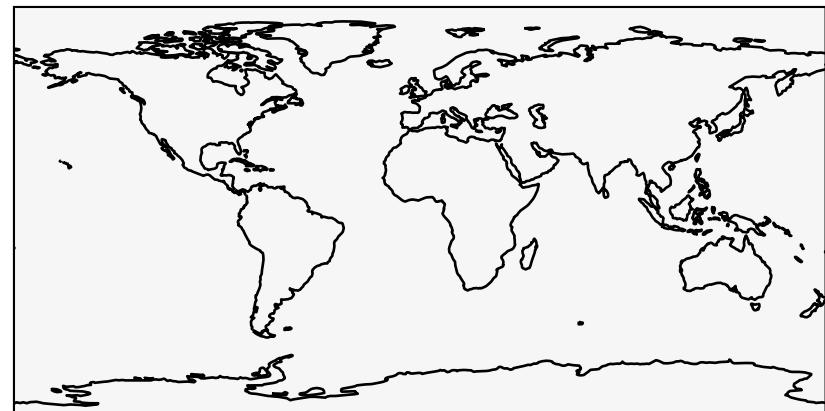
Zero throughout domain
kg/m²/s

Difference
Dev - Ref, Dynamic Range



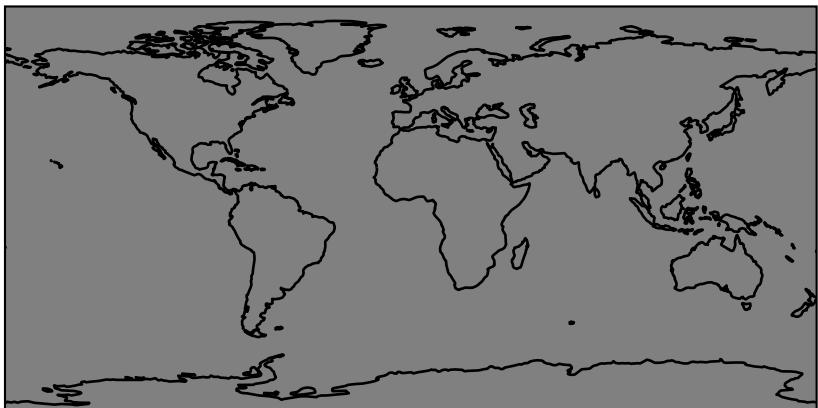
Zero throughout domain
kg/m²/s

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



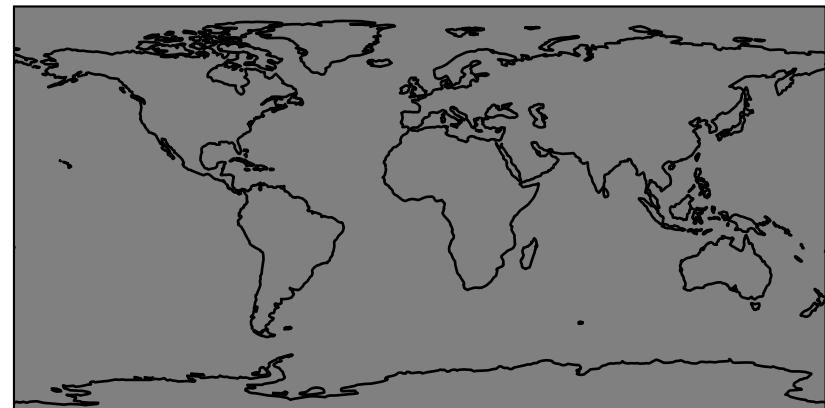
Zero throughout domain
kg/m²/s

Ratio
Dev/Ref, Dynamic Range



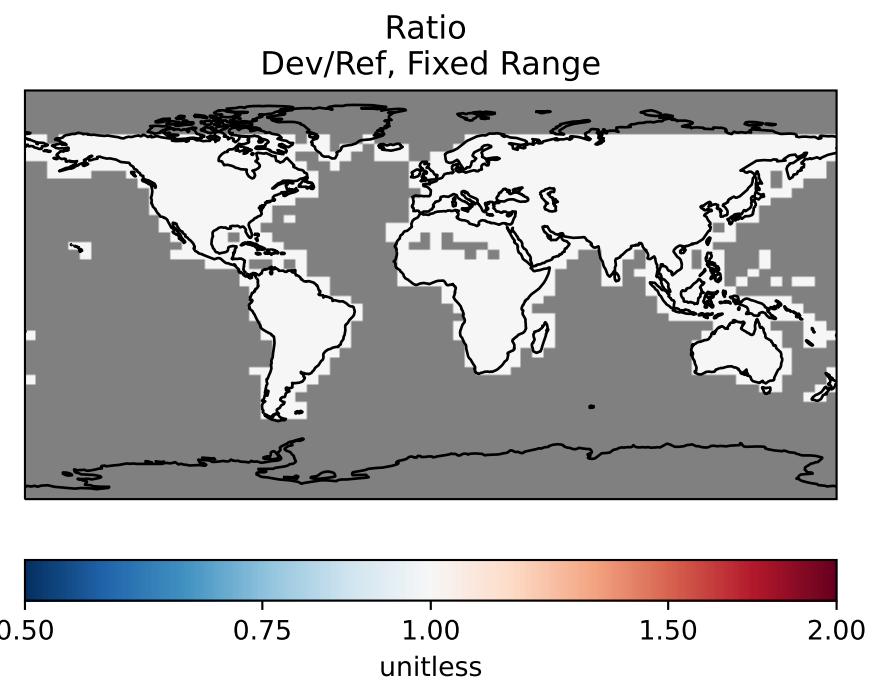
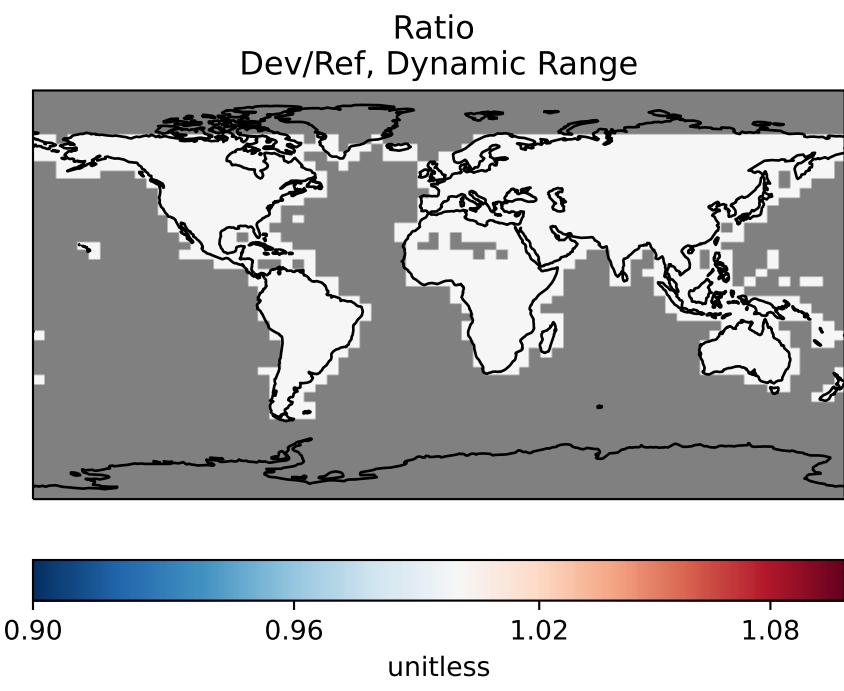
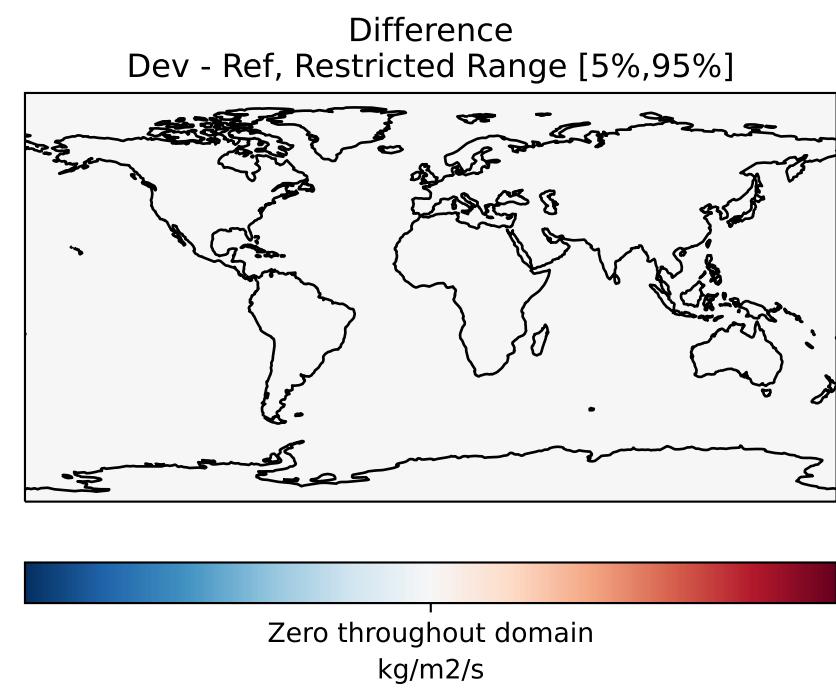
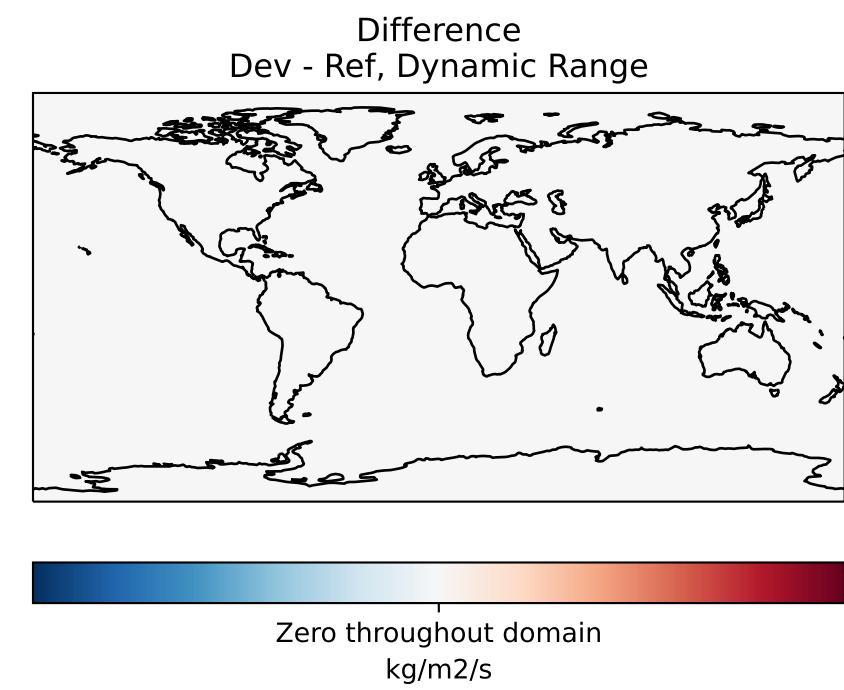
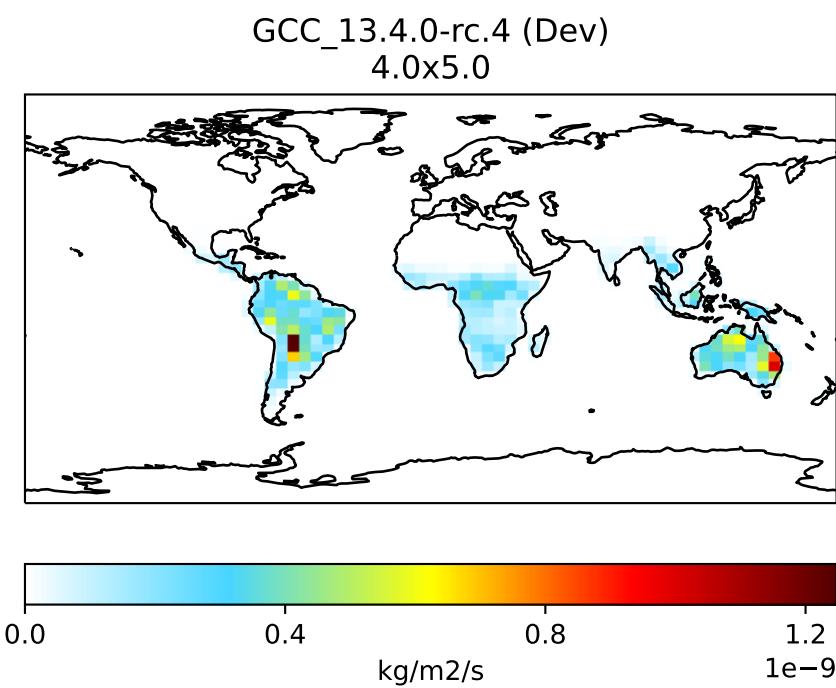
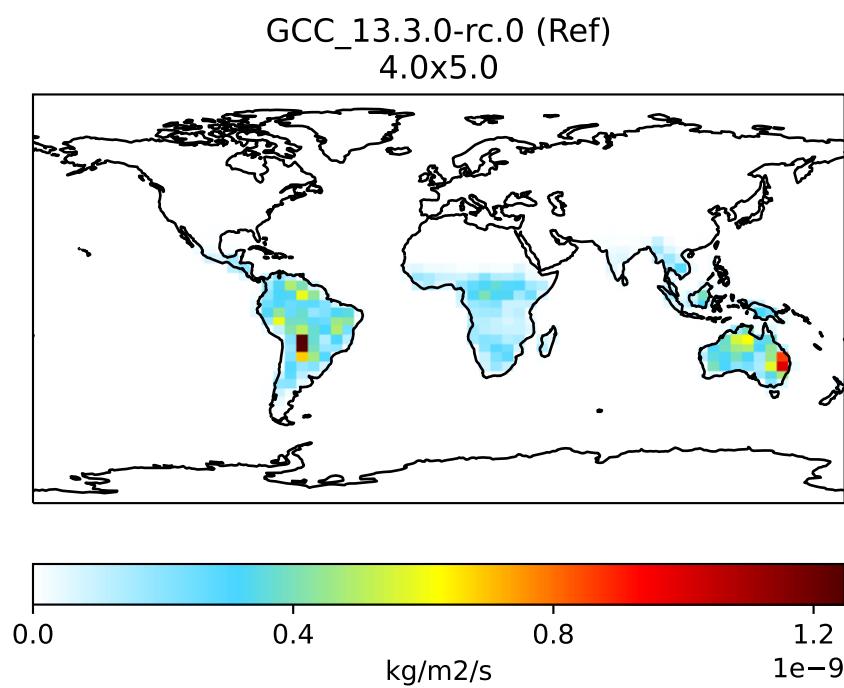
Undefined throughout domain
unitless

Ratio
Dev/Ref, Fixed Range



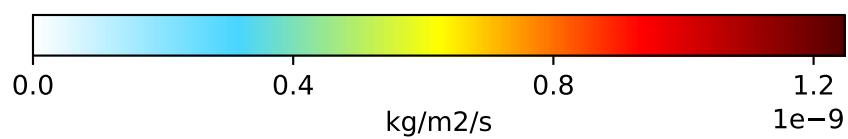
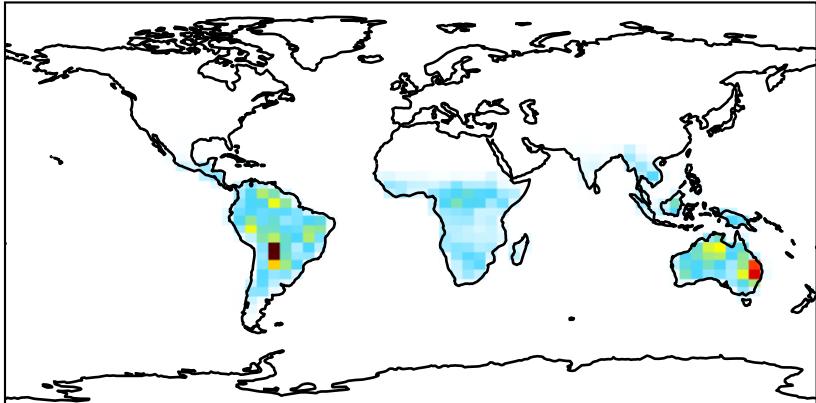
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EmisISOP_Biogenic (Jan2019)

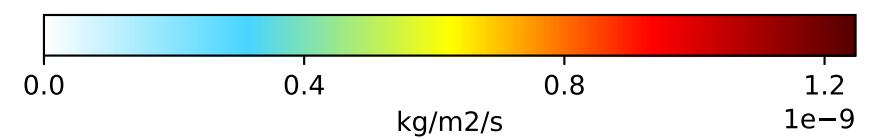
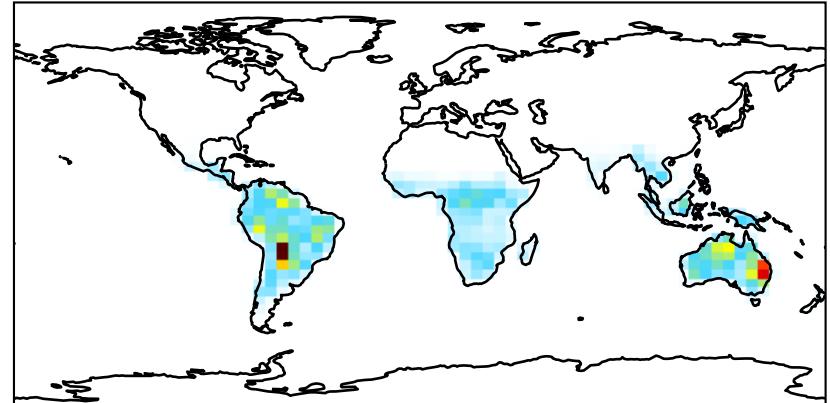


EmisISOP_Total (Jan2019)

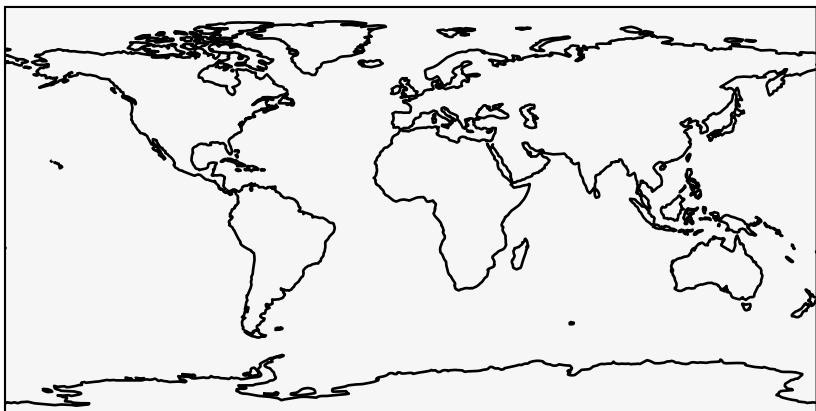
GCC_13.3.0-rc.0 (Ref)
4.0x5.0



GCC_13.4.0-rc.4 (Dev)
4.0x5.0

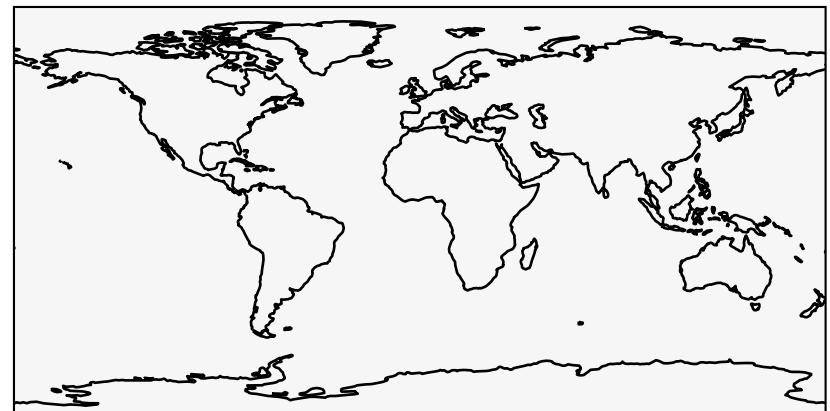


Difference
Dev - Ref, Dynamic Range



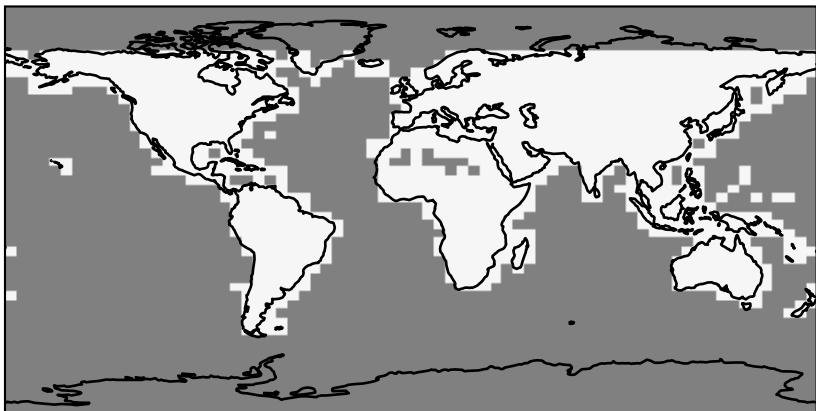
Zero throughout domain
kg/m²/s

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



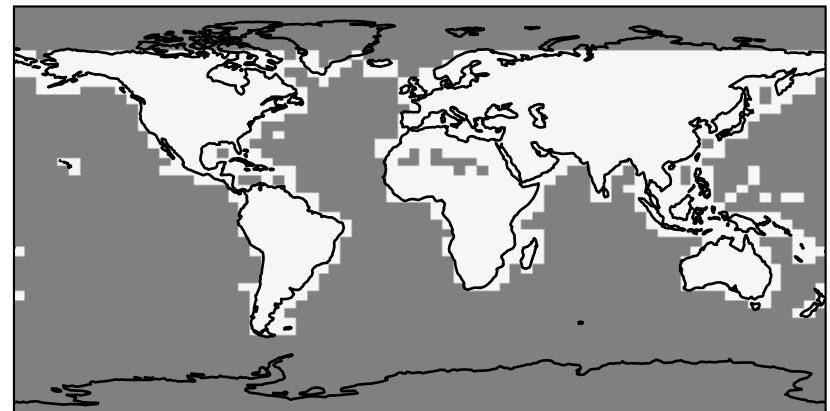
Zero throughout domain
kg/m²/s

Ratio
Dev/Ref, Dynamic Range



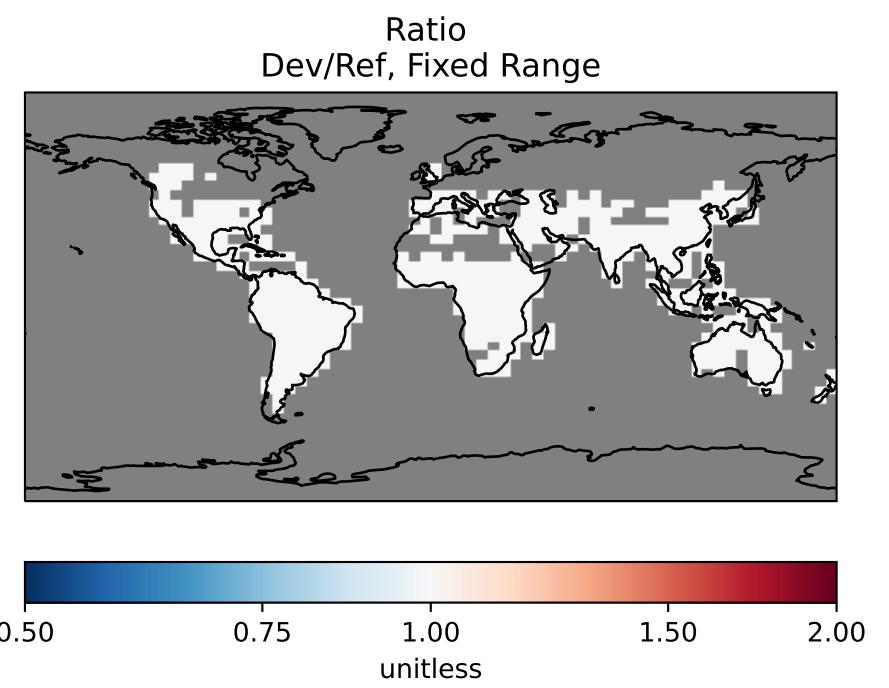
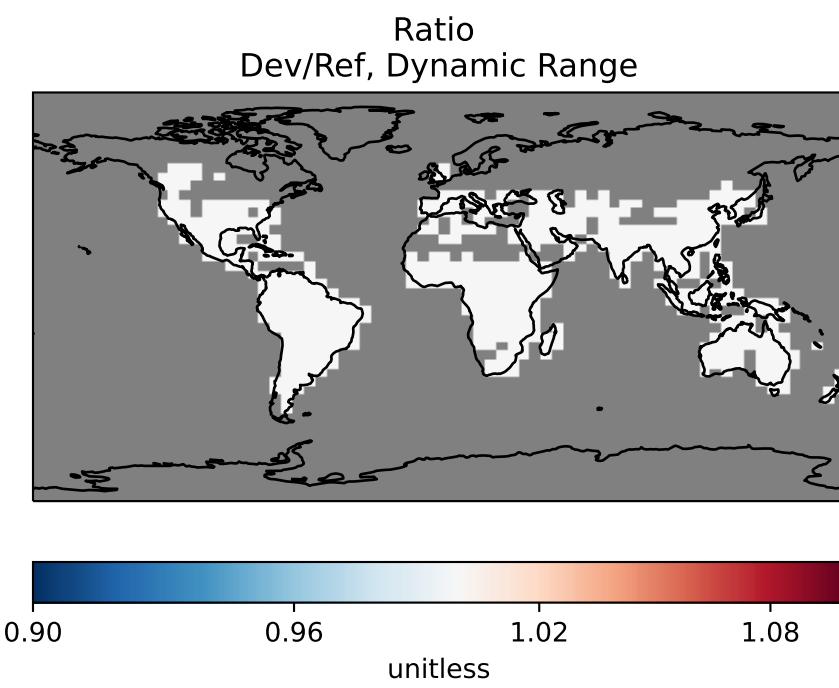
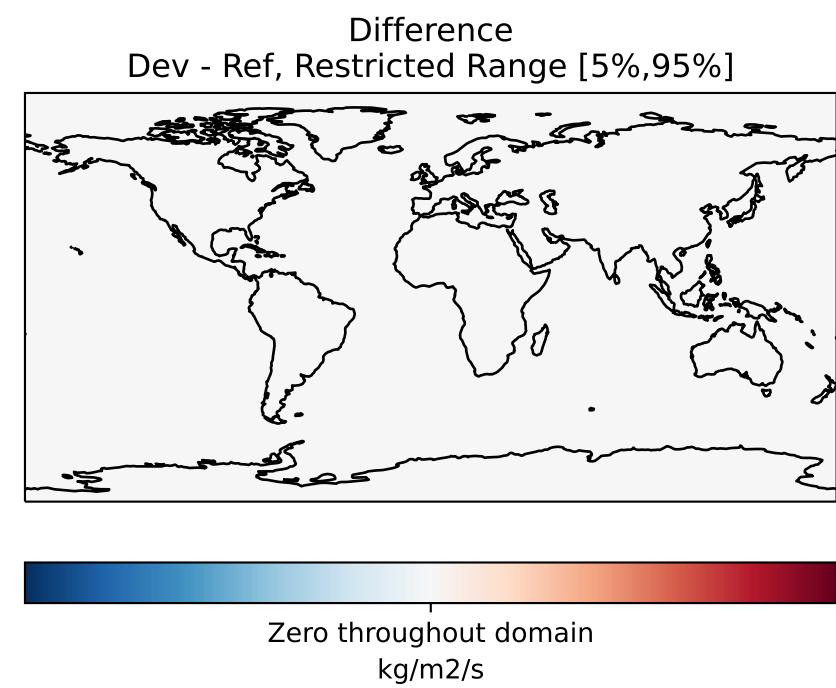
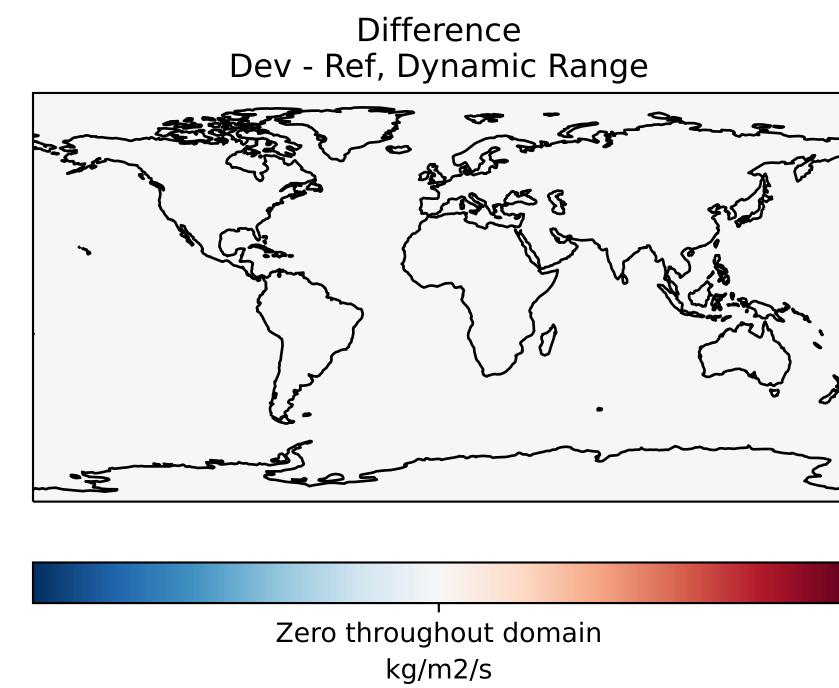
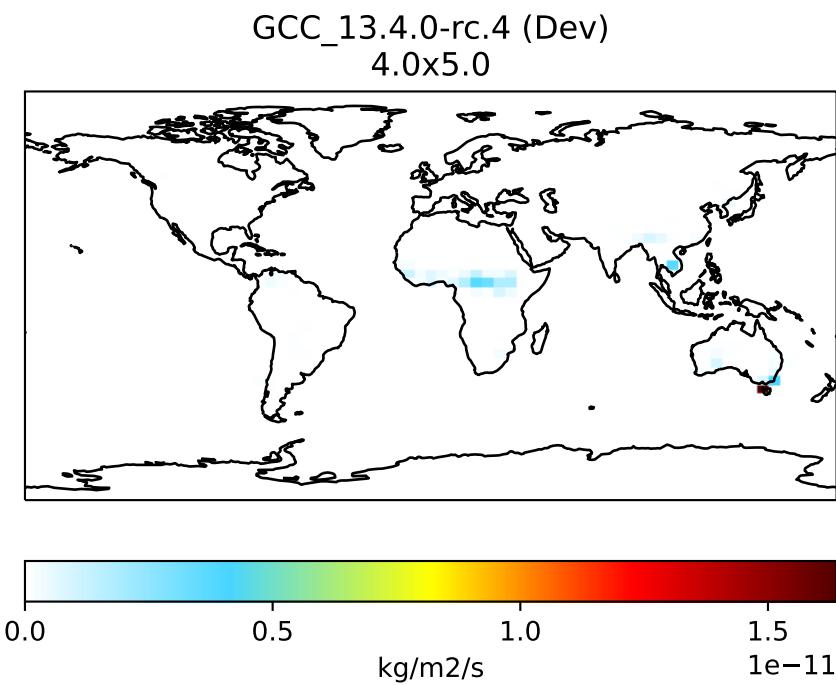
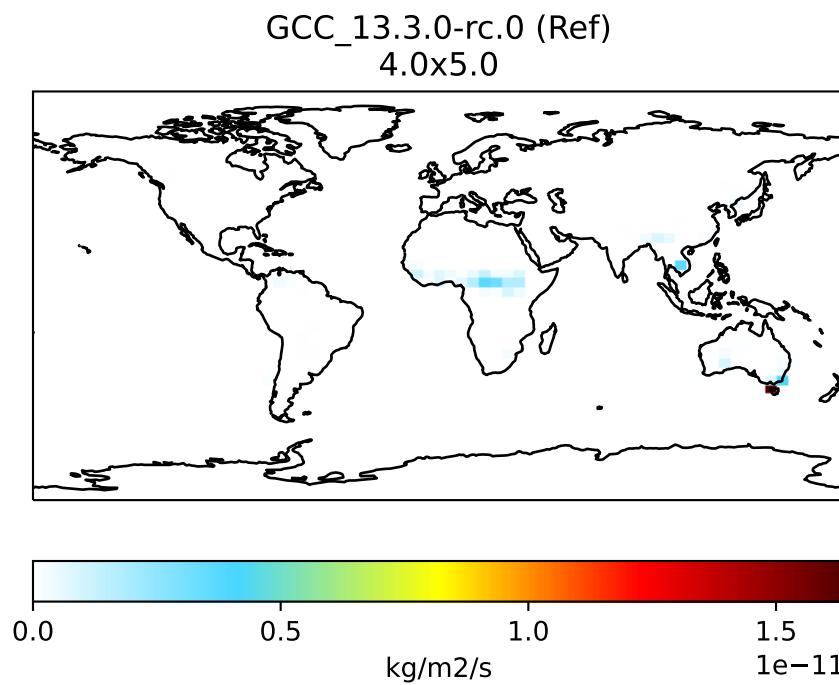
0.90 0.96 1.02 1.08
unitless

Ratio
Dev/Ref, Fixed Range

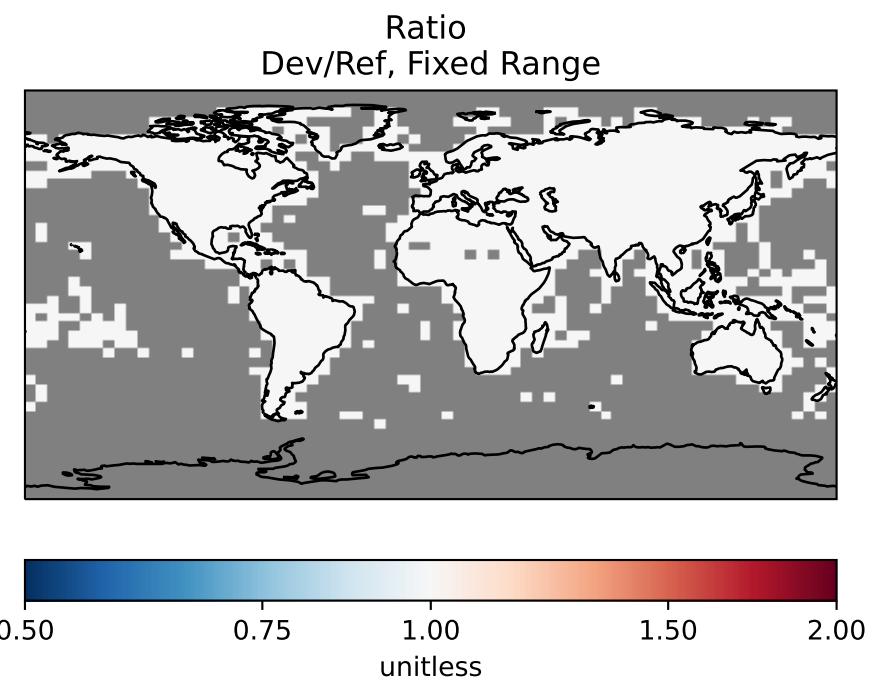
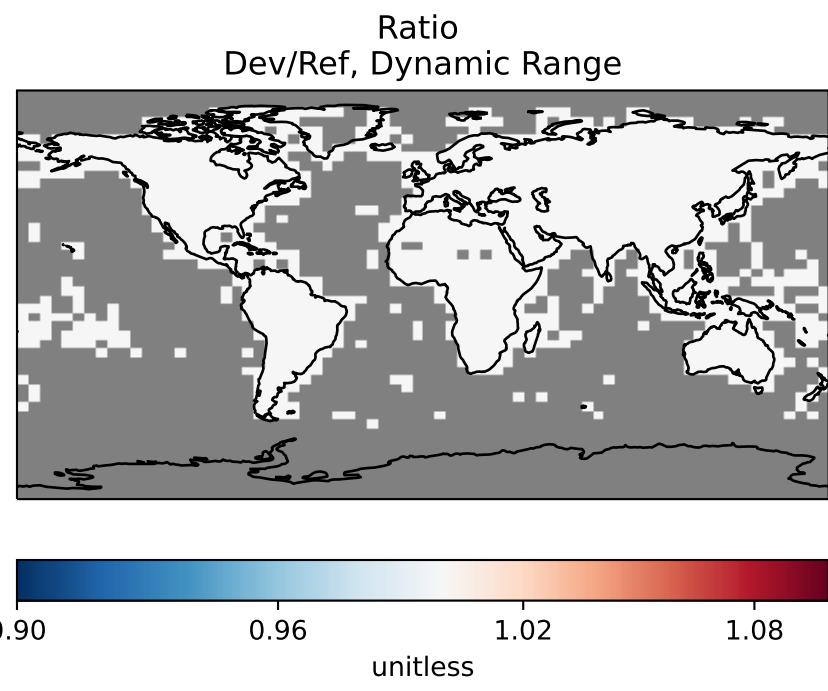
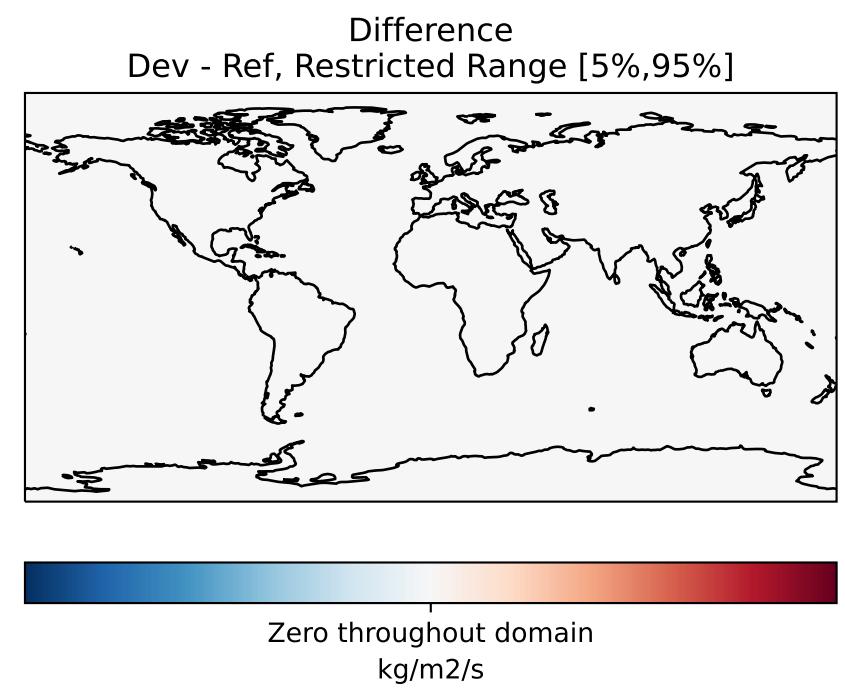
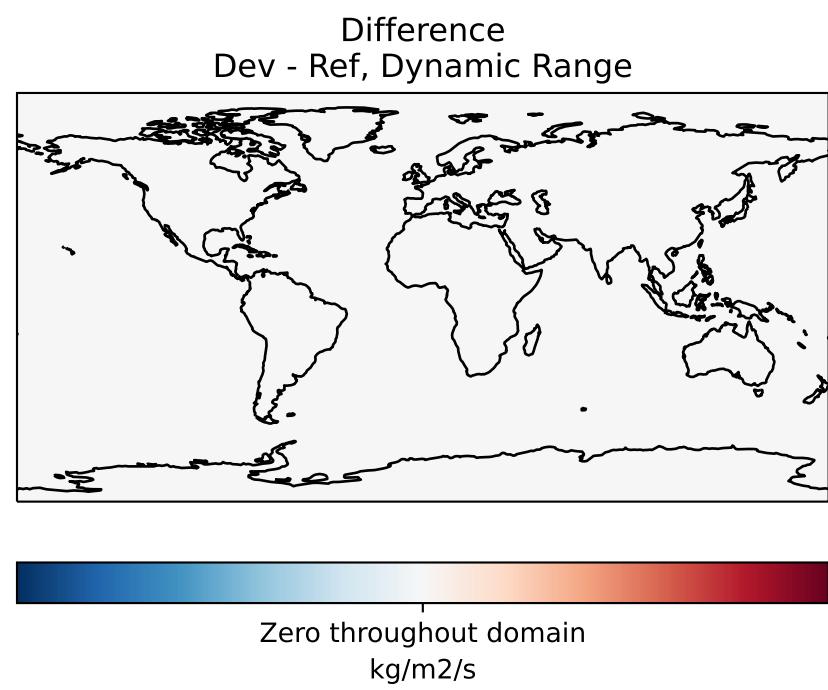
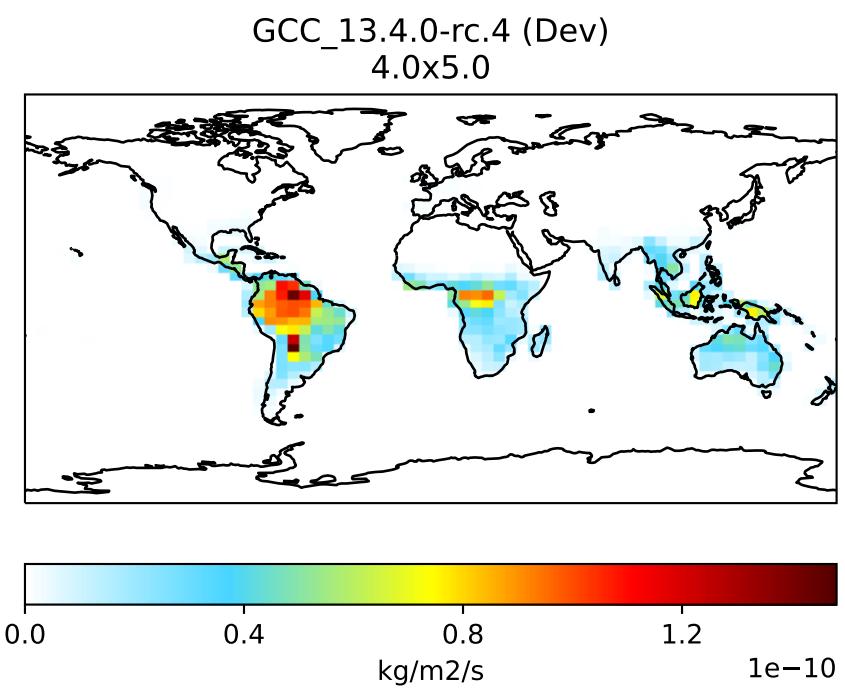
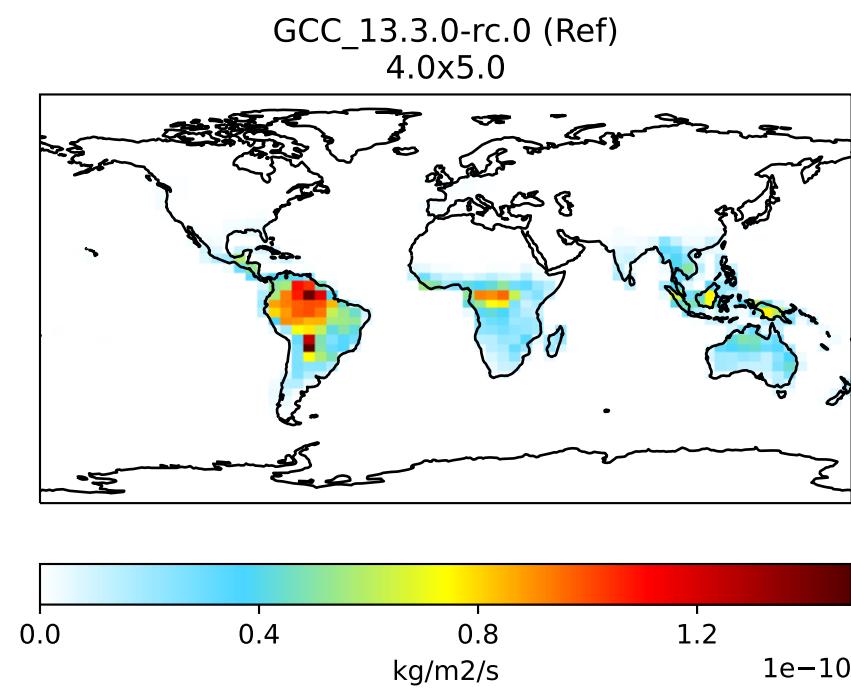


0.50 0.75 1.00 1.50 2.00
unitless

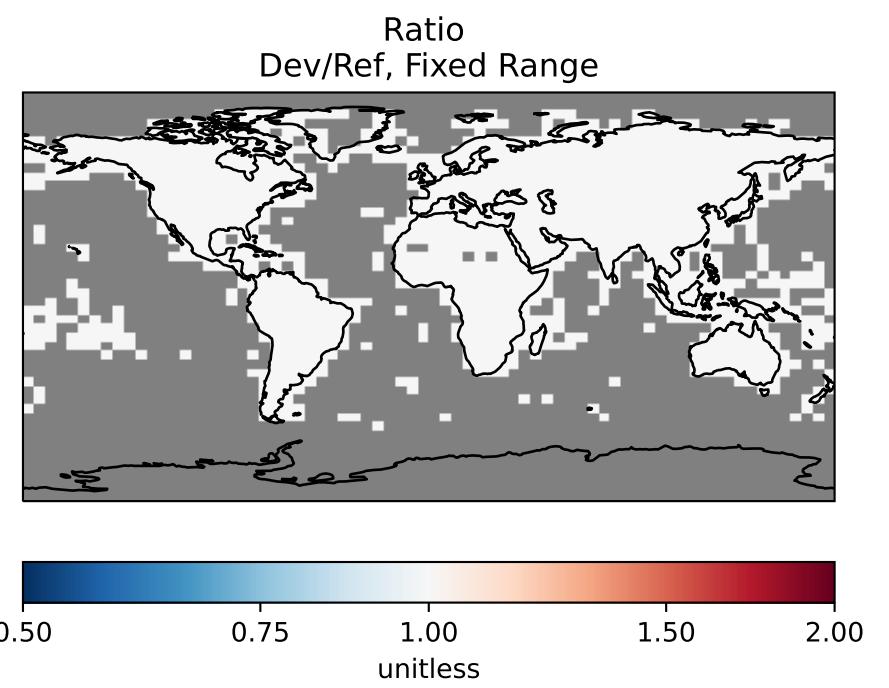
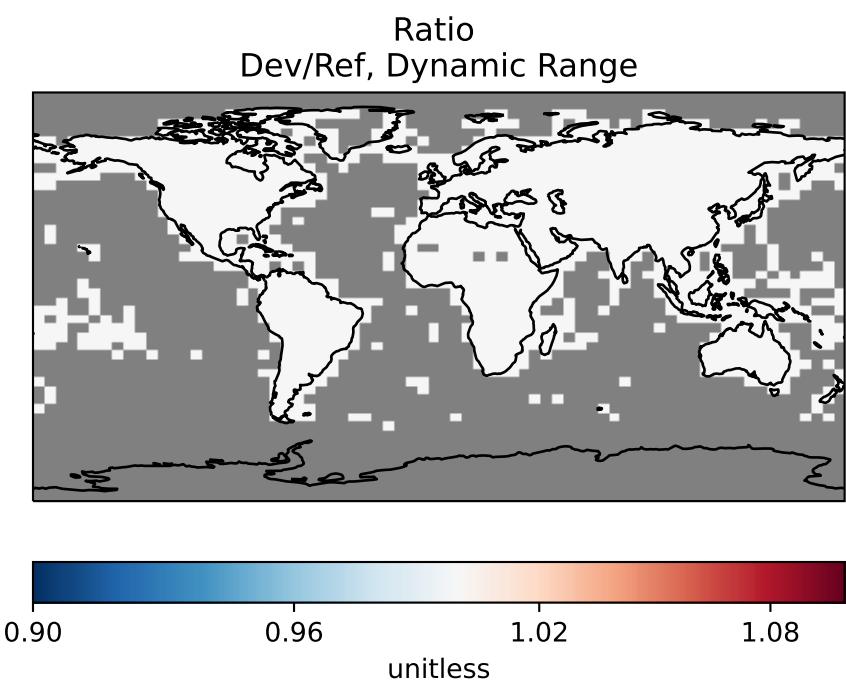
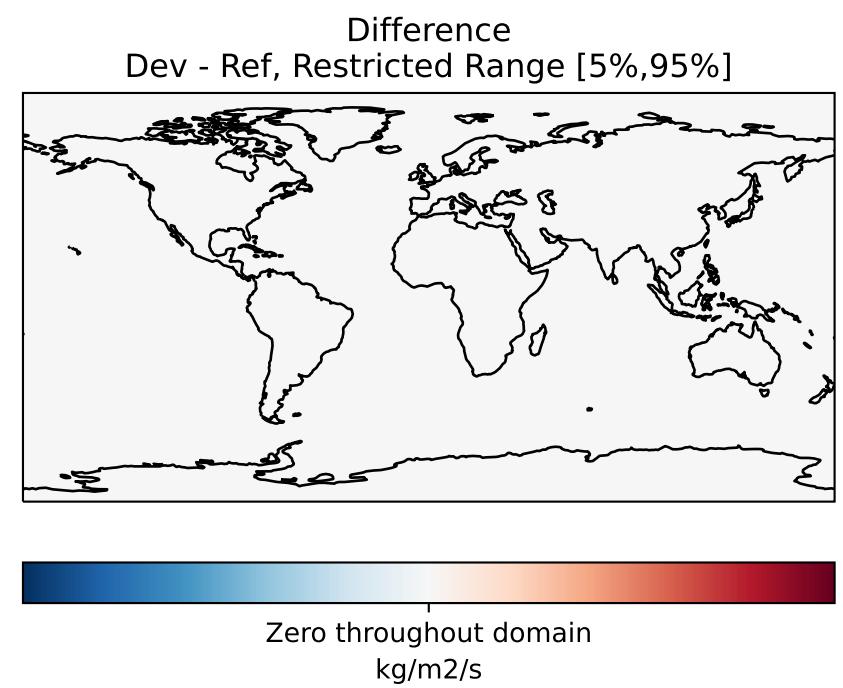
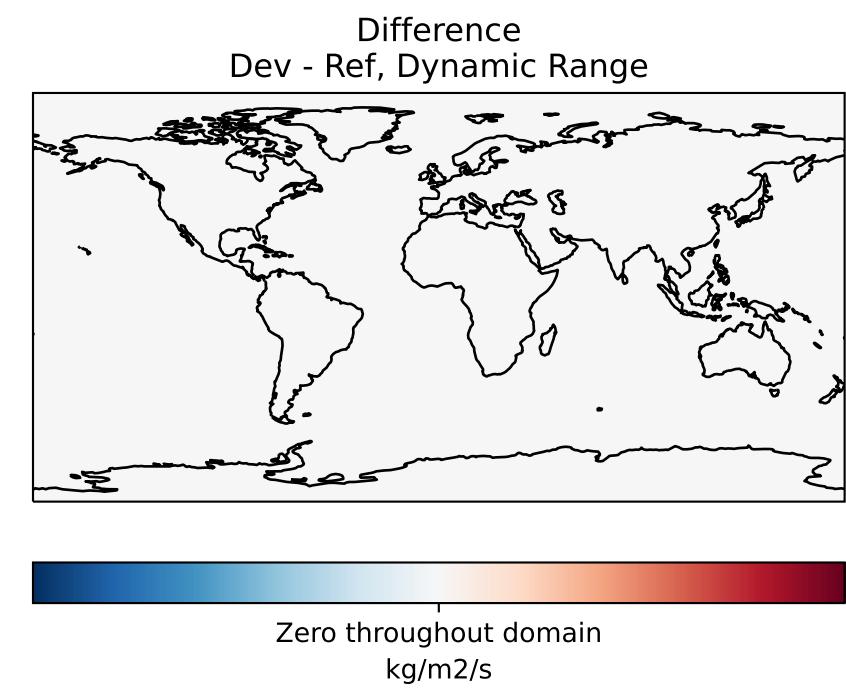
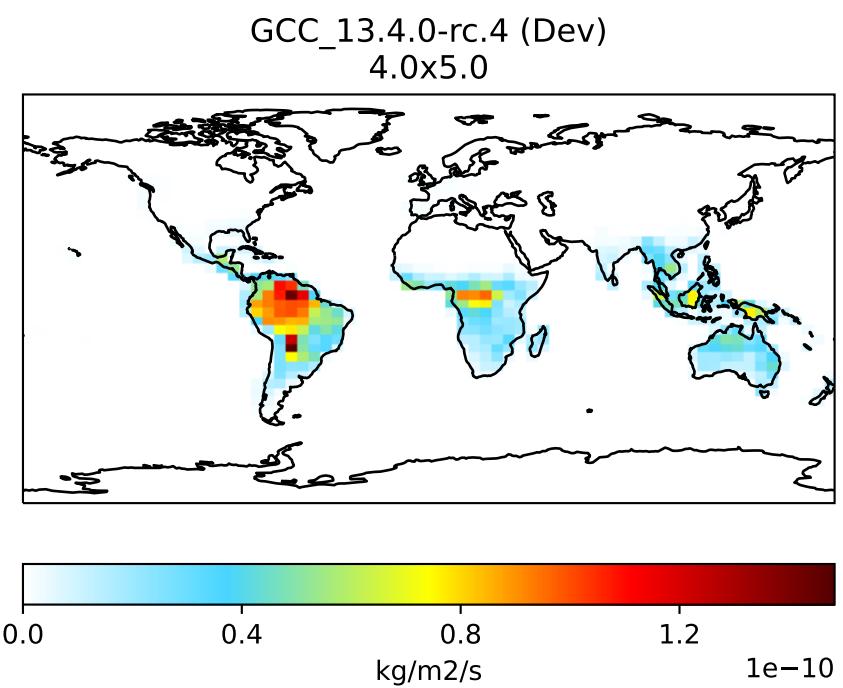
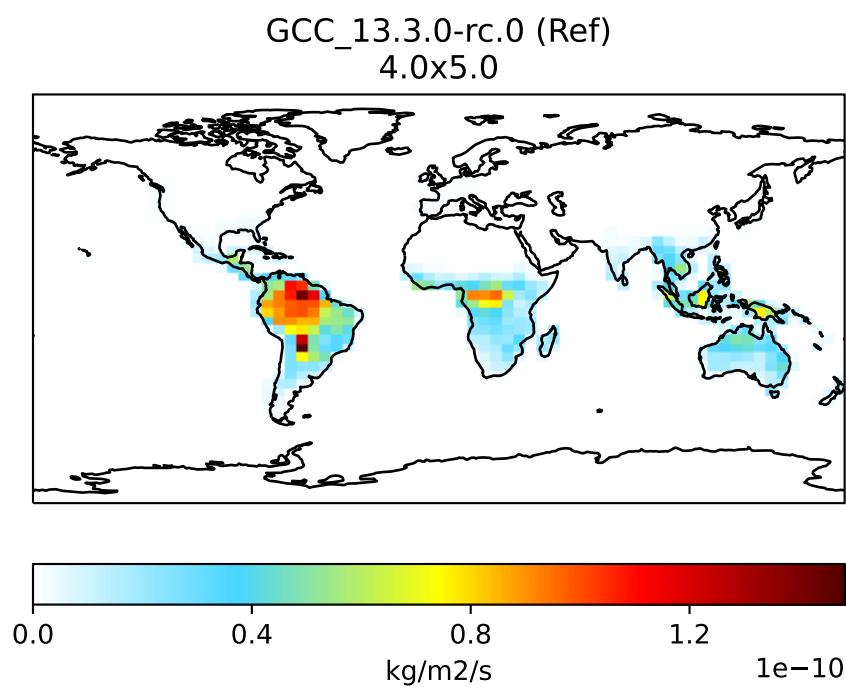
EmisMTPA_BioBurn (Jan2019)



EmisMTPA_Biogenic (Jan2019)

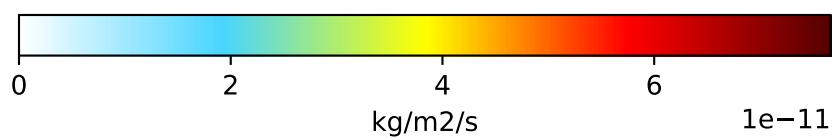
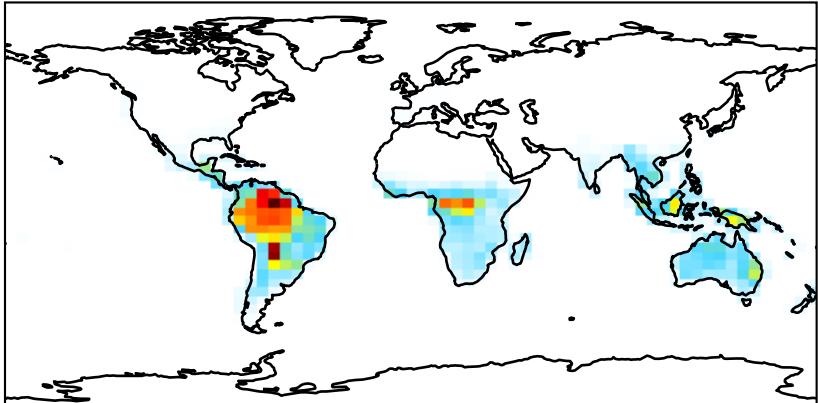


EmisMTPA_Total (Jan2019)

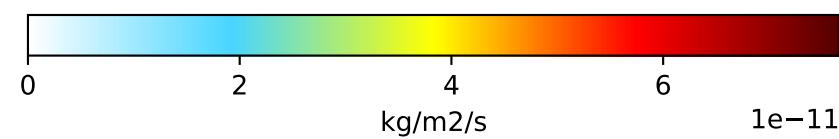
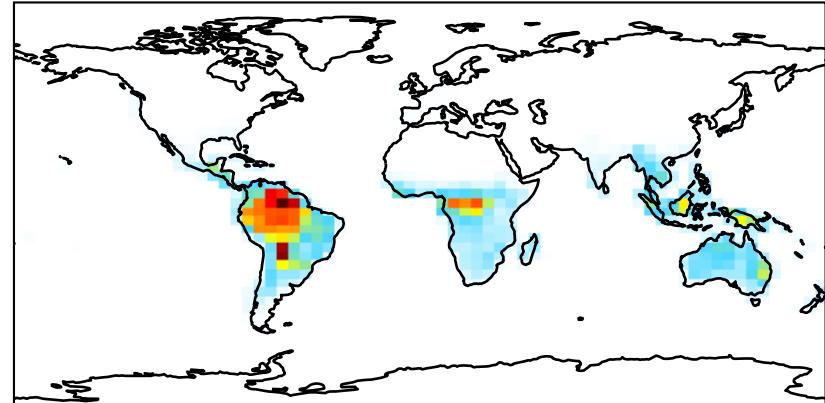


EmisMTPO_Biogenic (Jan2019)

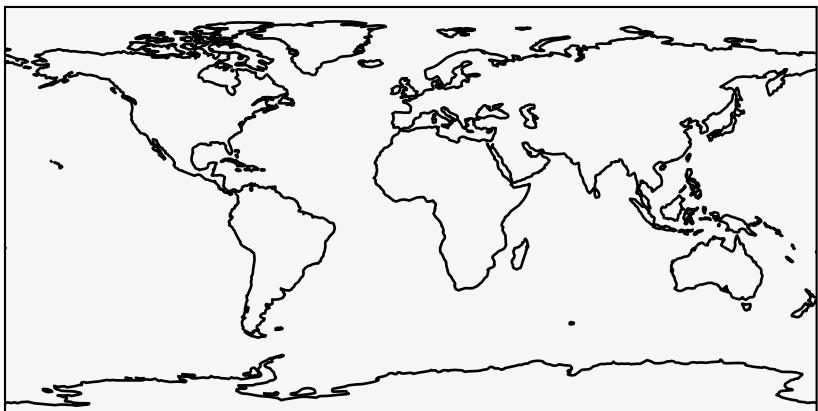
GCC_13.3.0-rc.0 (Ref)
4.0x5.0



GCC_13.4.0-rc.4 (Dev)
4.0x5.0

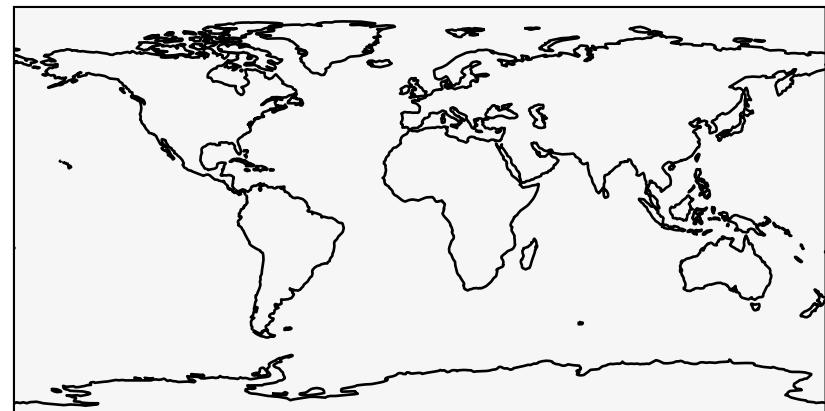


Difference
Dev - Ref, Dynamic Range



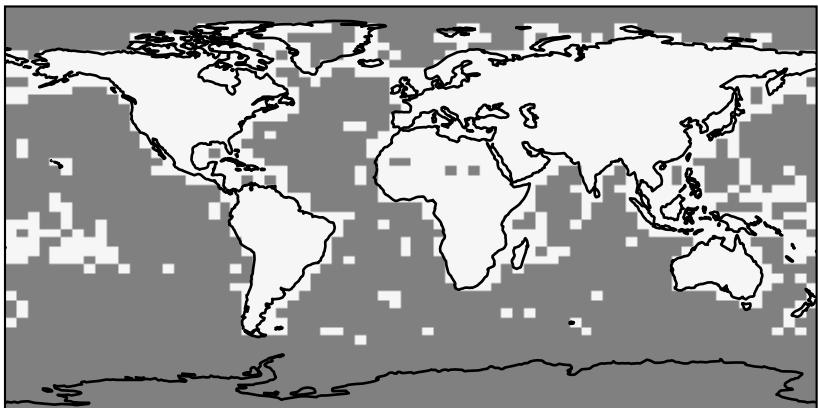
Zero throughout domain
kg/m²/s

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



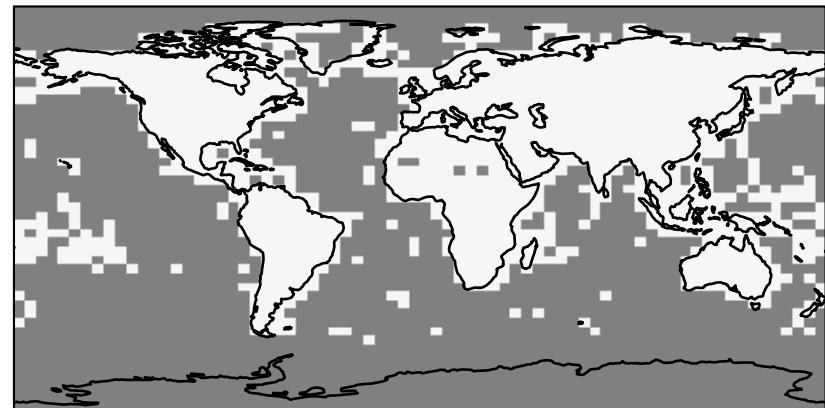
Zero throughout domain
kg/m²/s

Ratio
Dev/Ref, Dynamic Range



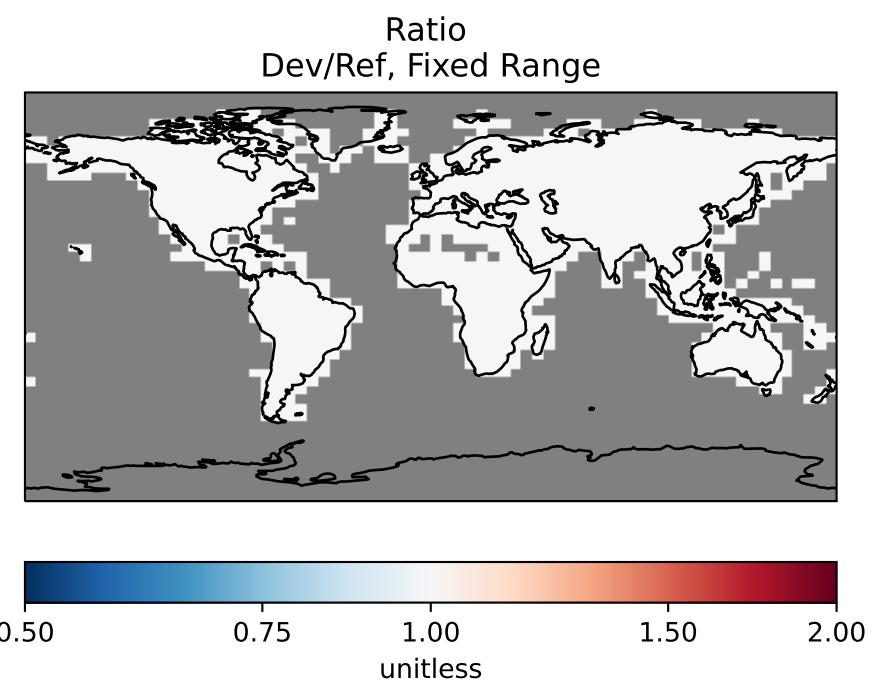
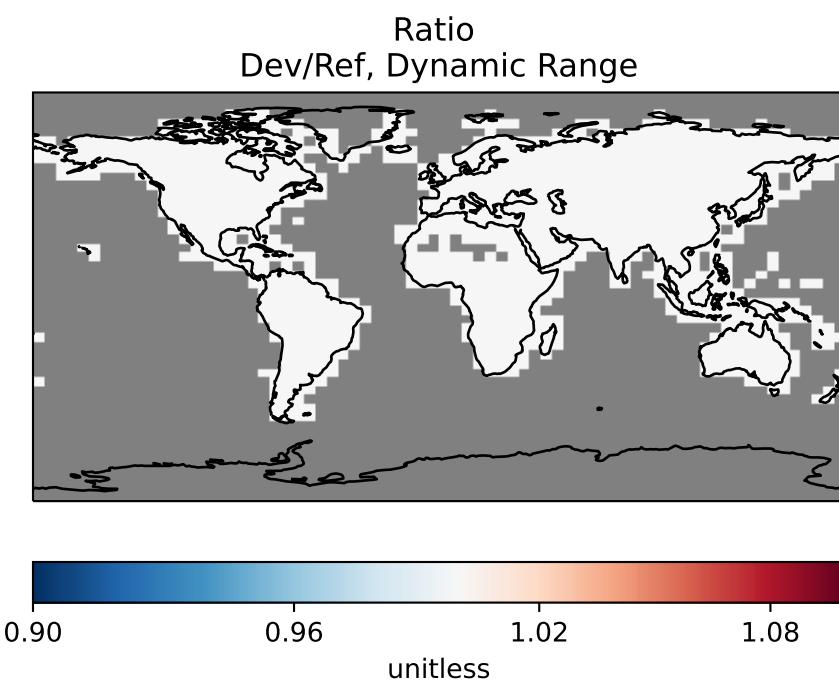
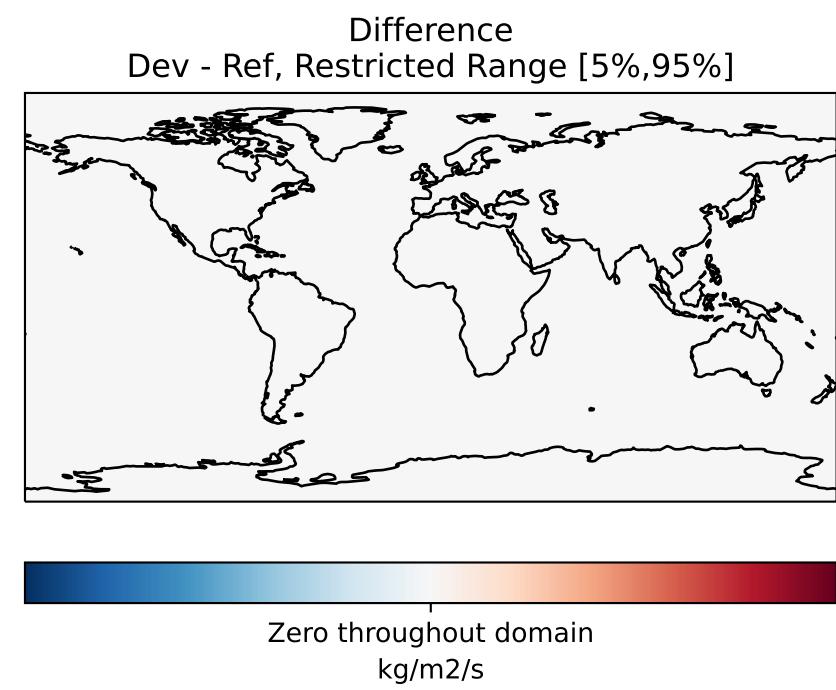
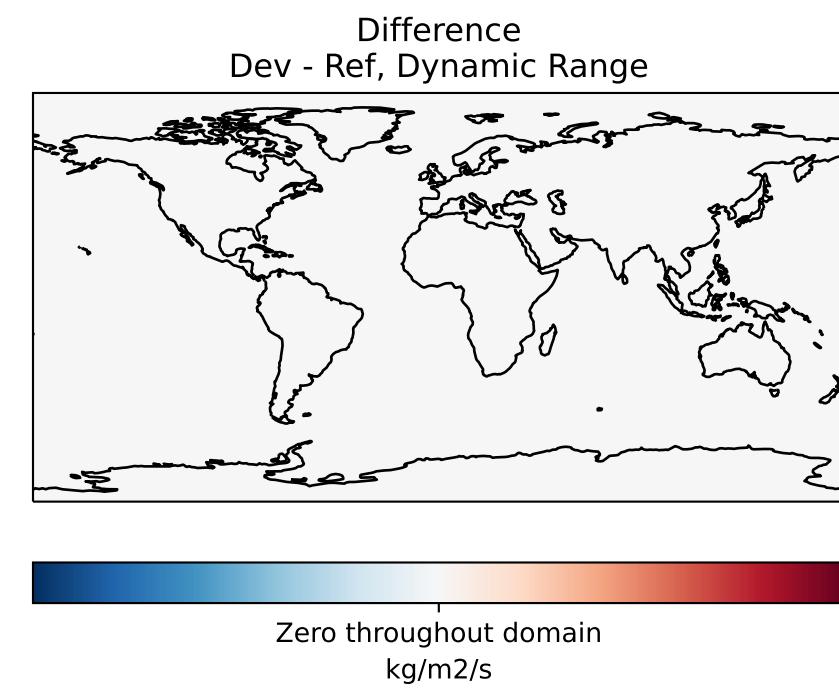
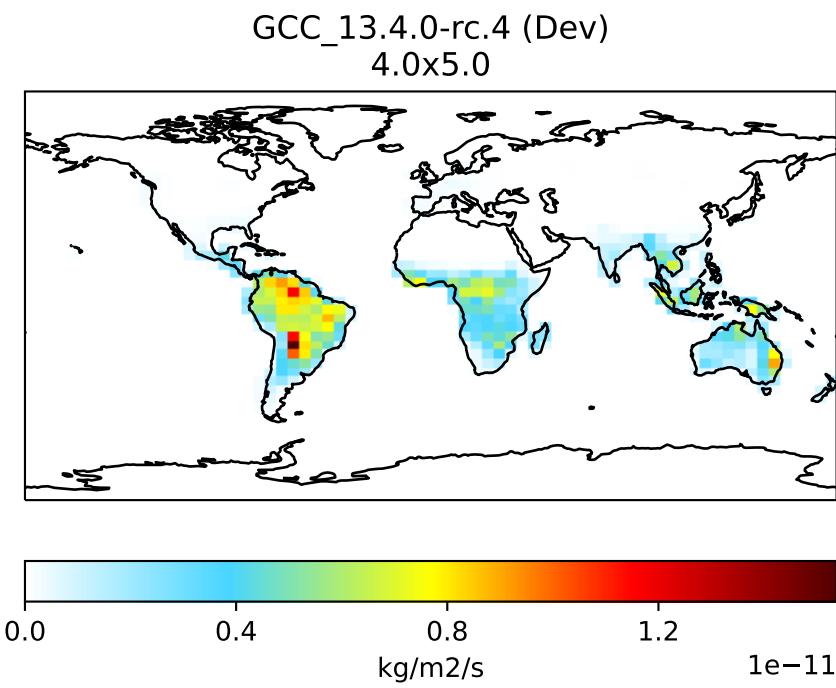
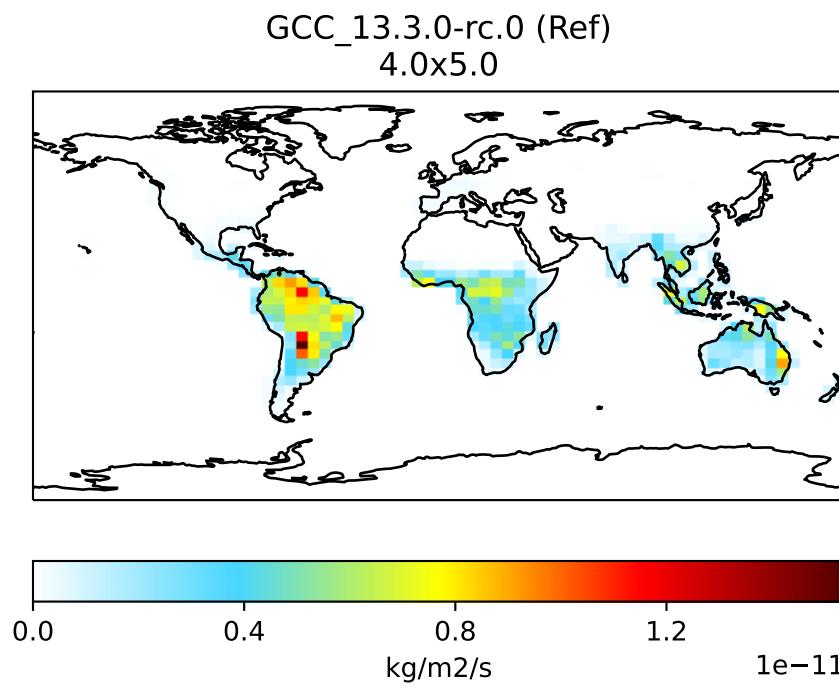
0.90 0.96 1.02 1.08
unitless

Ratio
Dev/Ref, Fixed Range

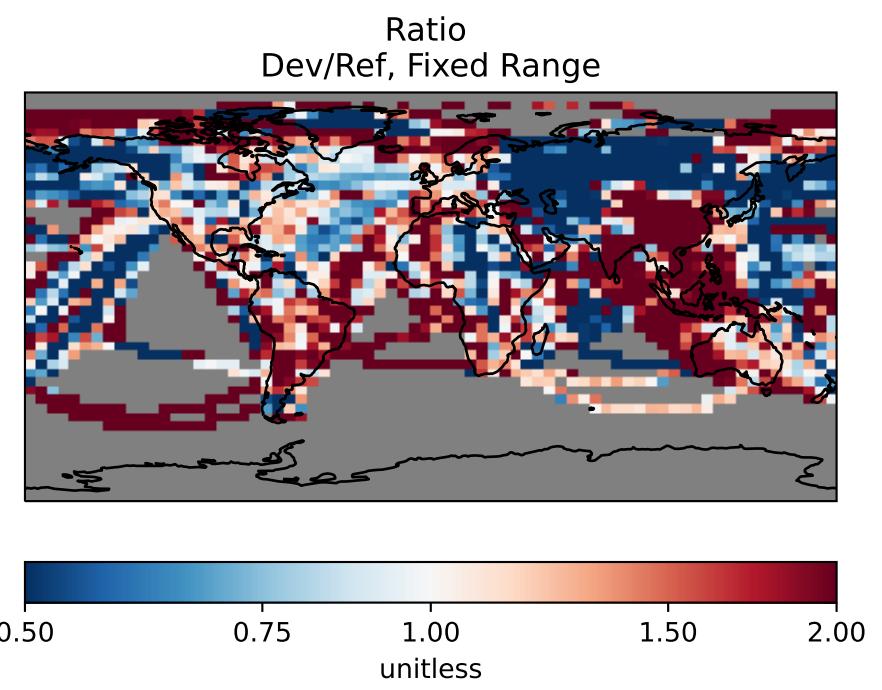
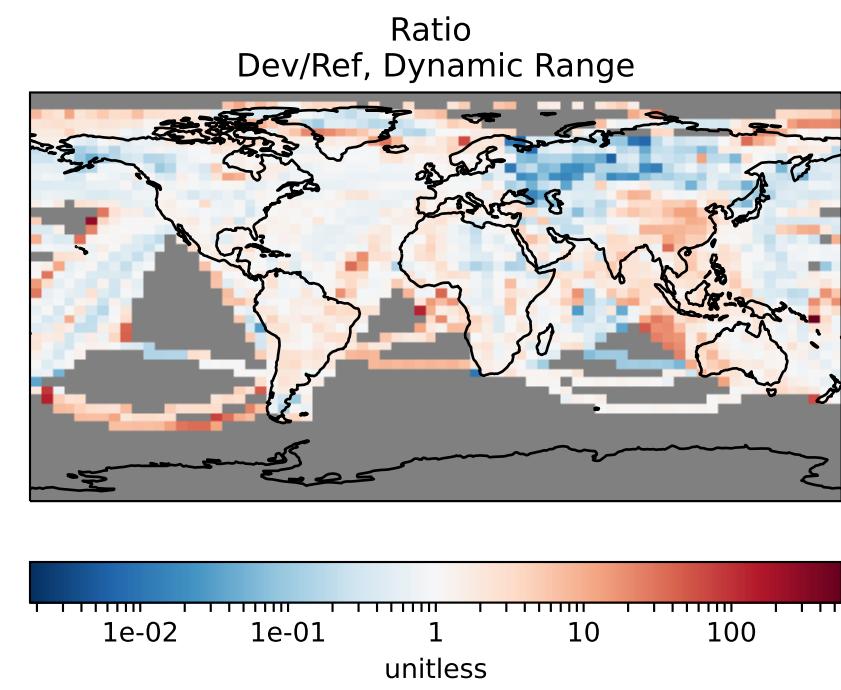
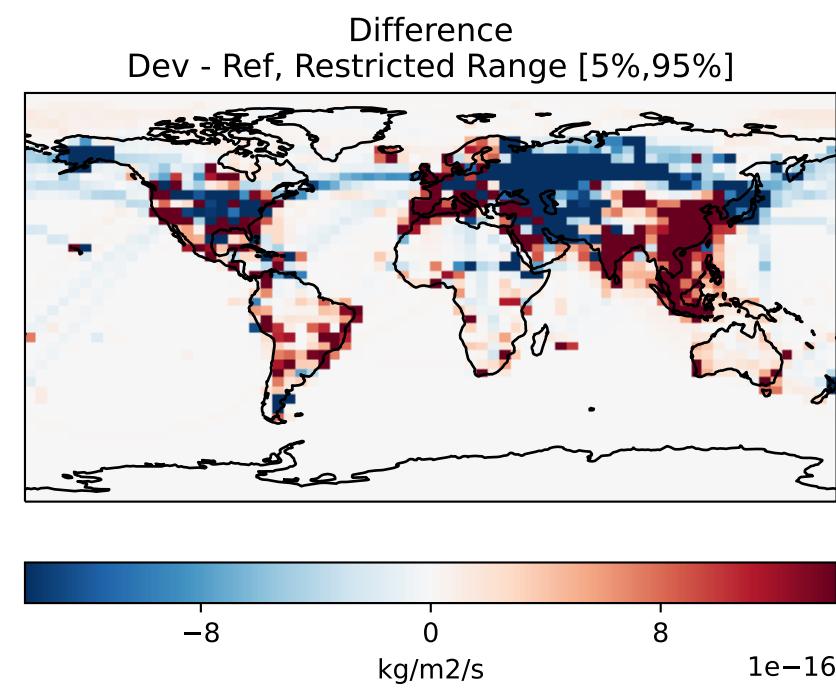
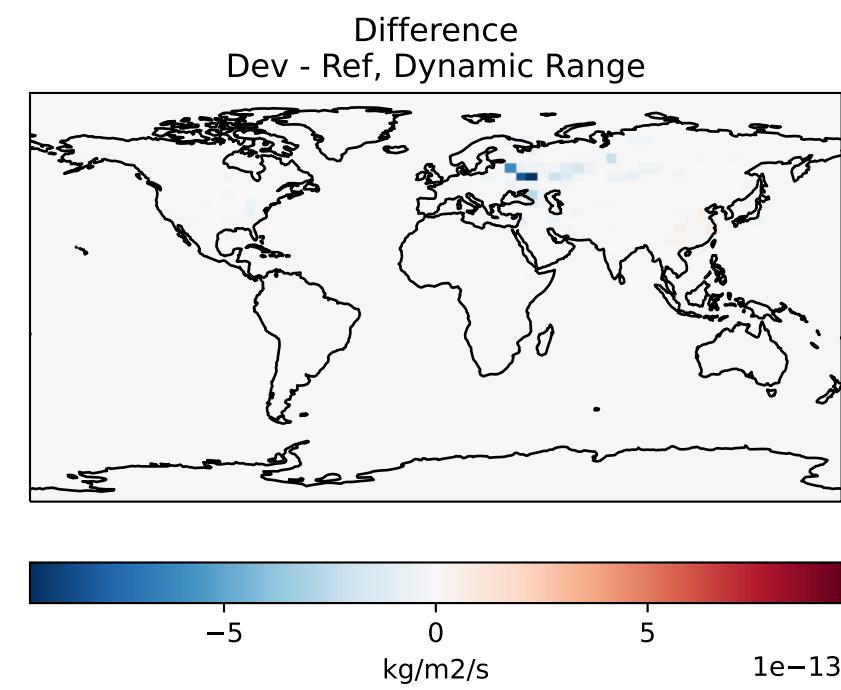
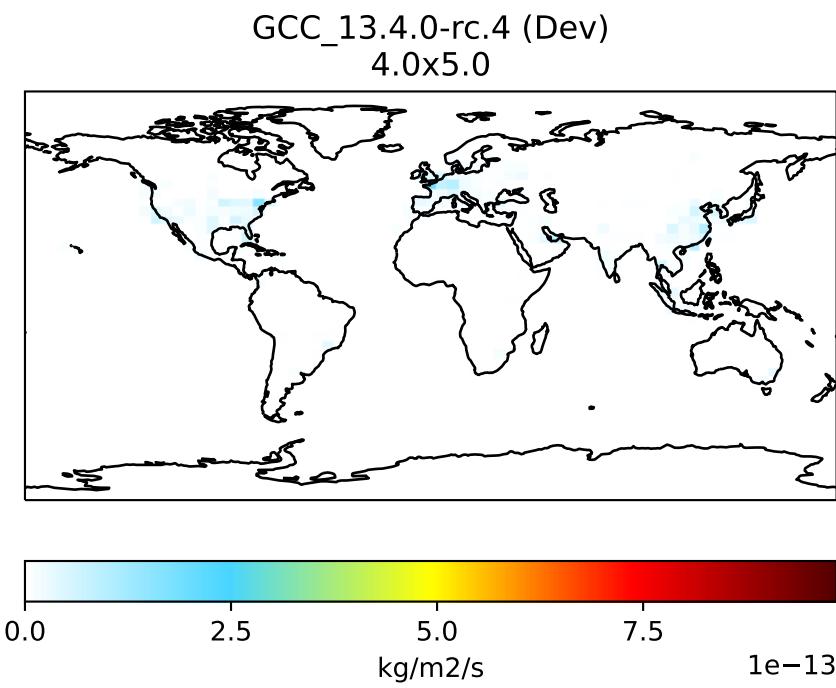
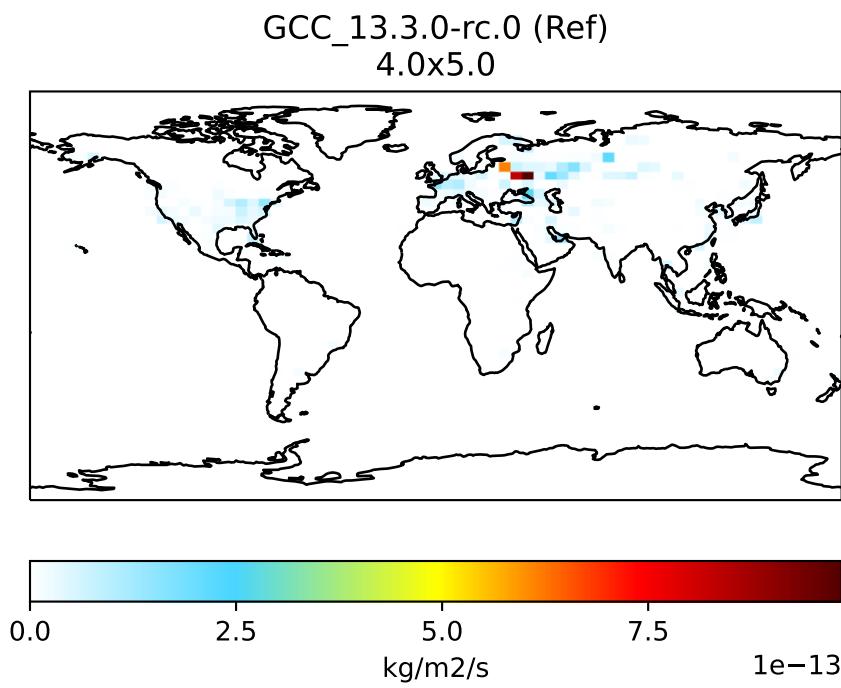


0.50 0.75 1.00 1.50 2.00
unitless

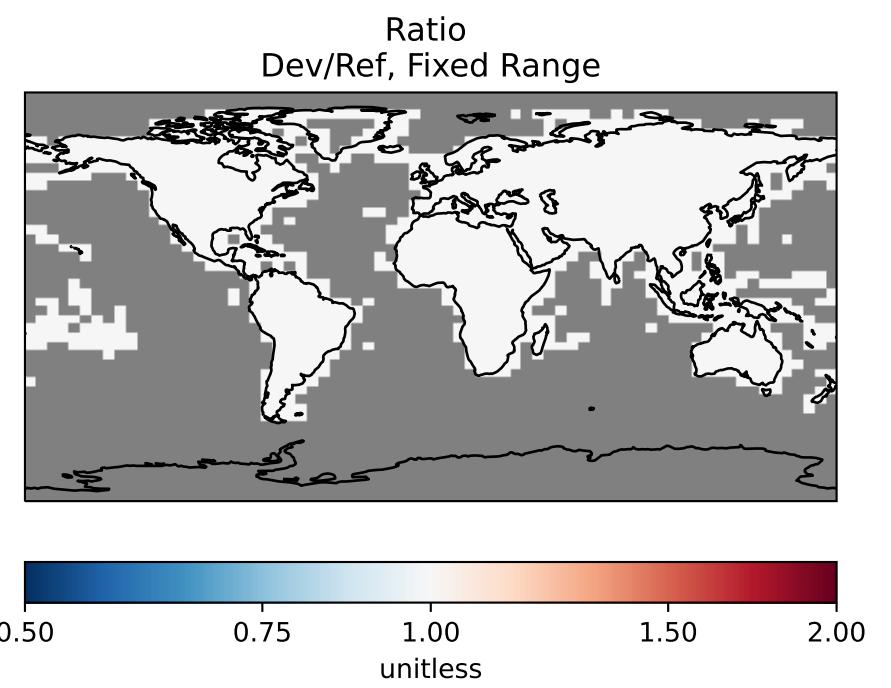
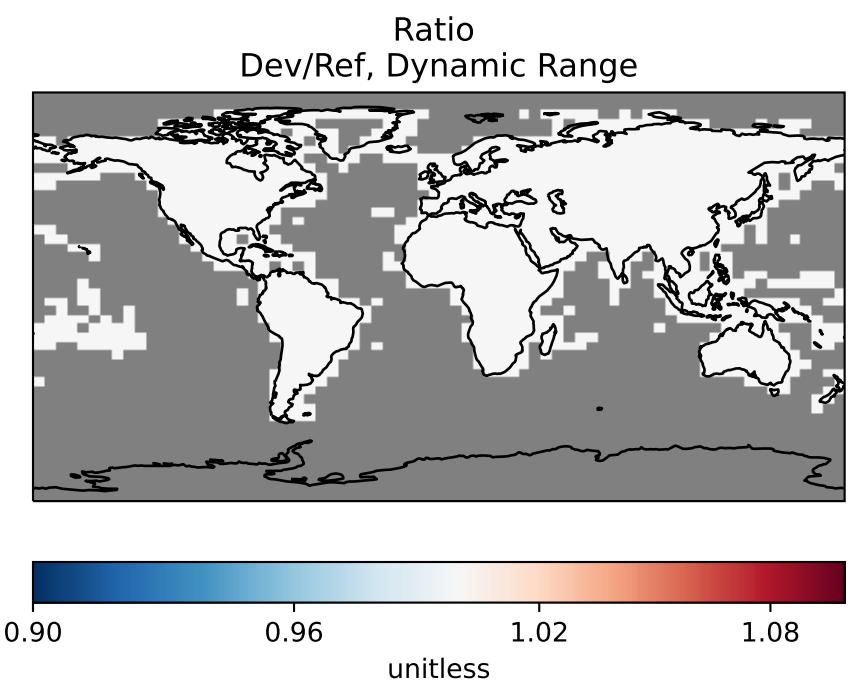
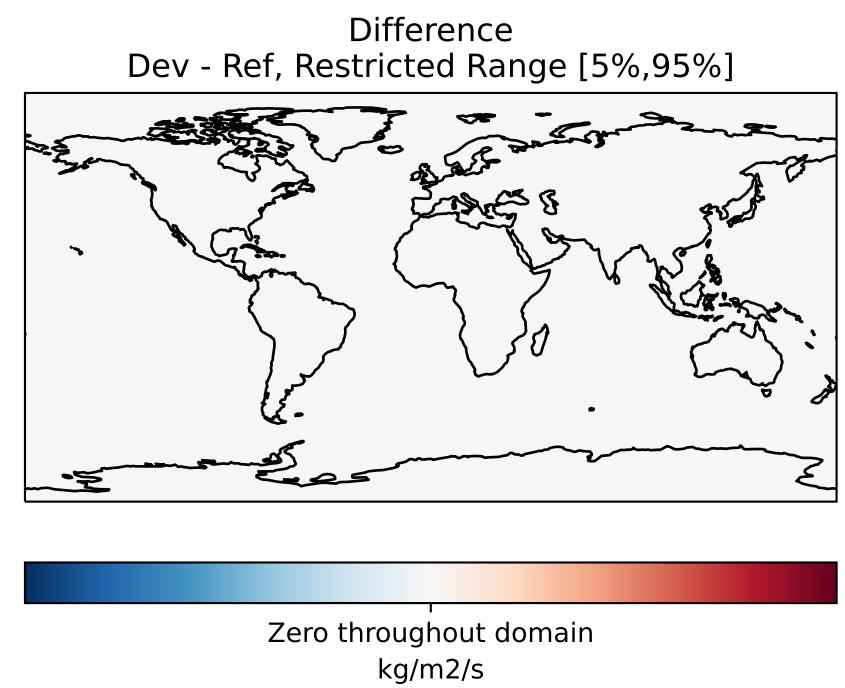
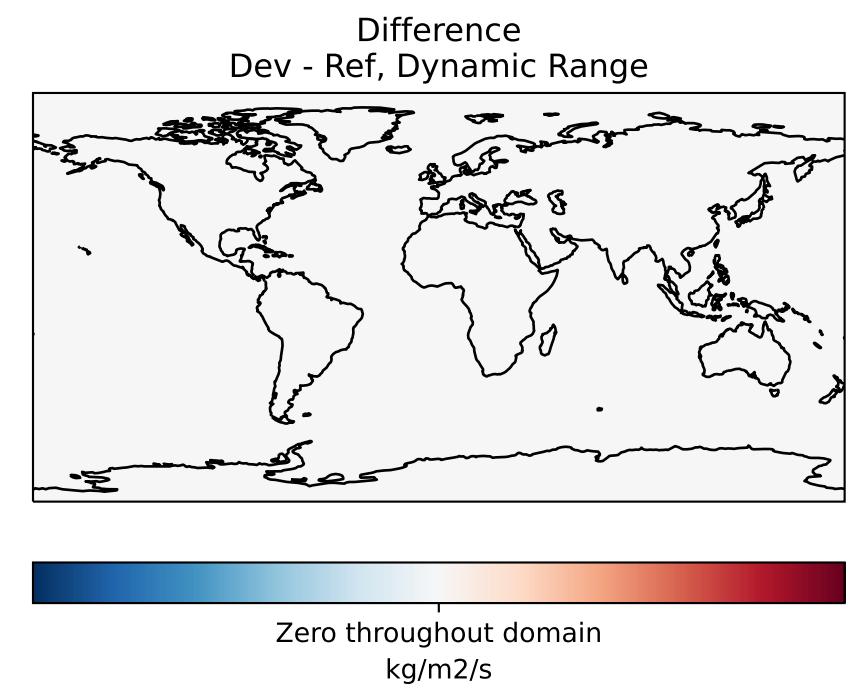
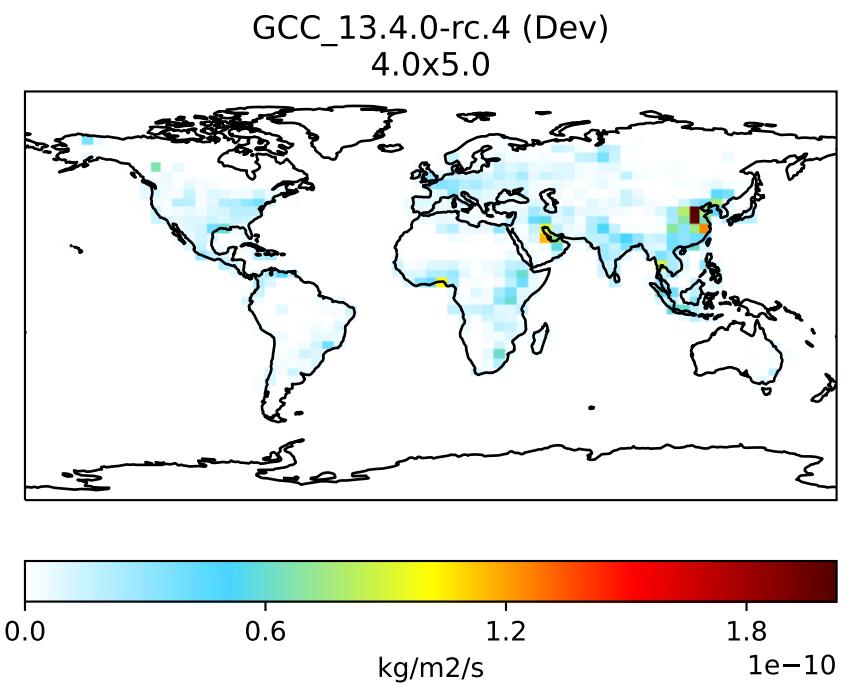
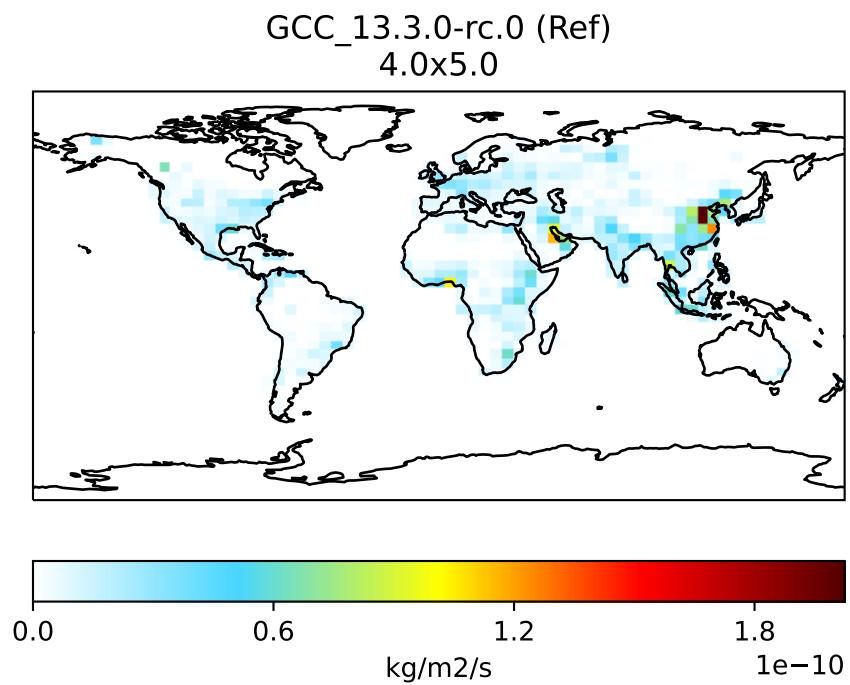
EmisLIMO_Biogenic (Jan2019)



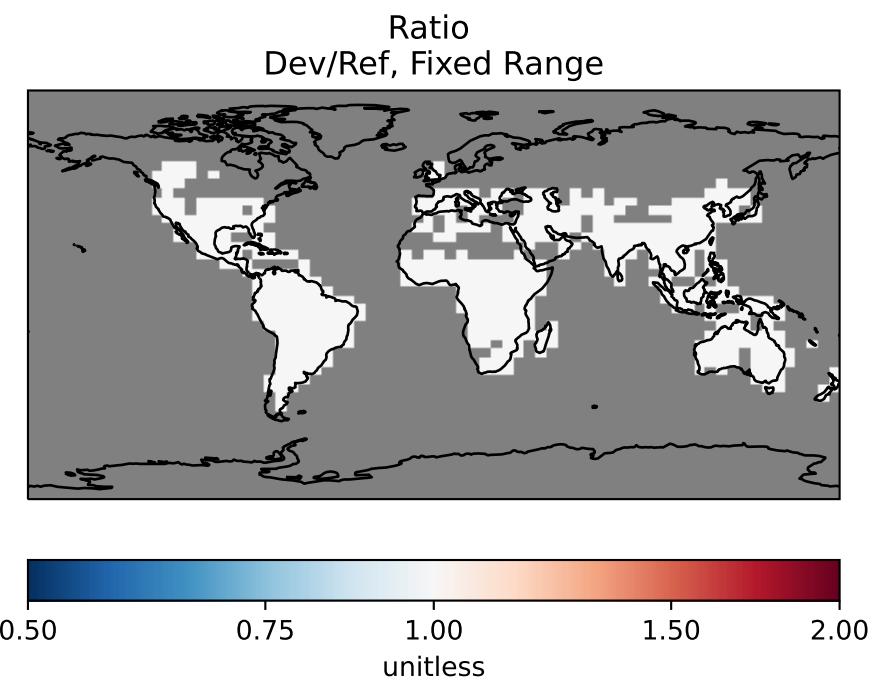
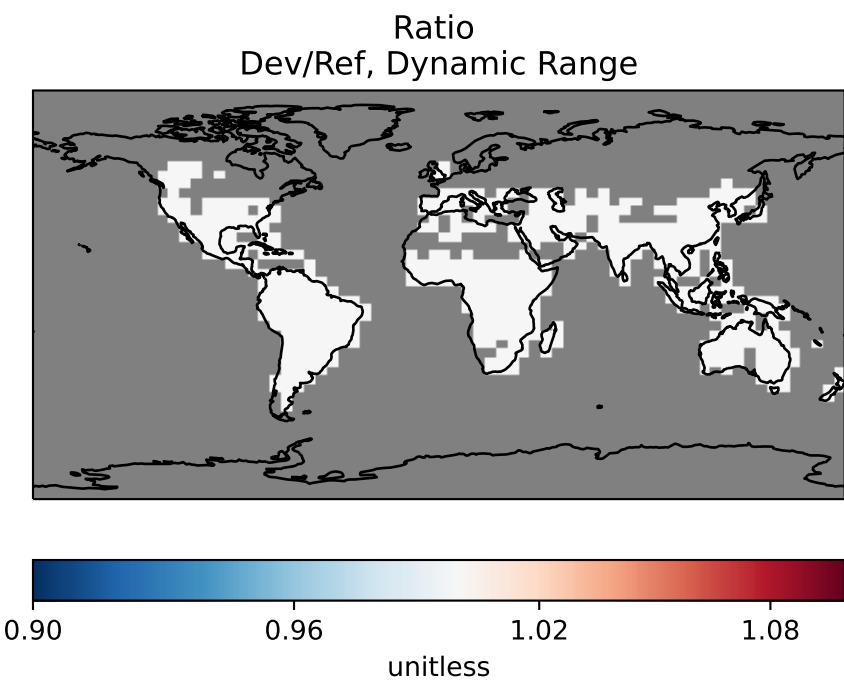
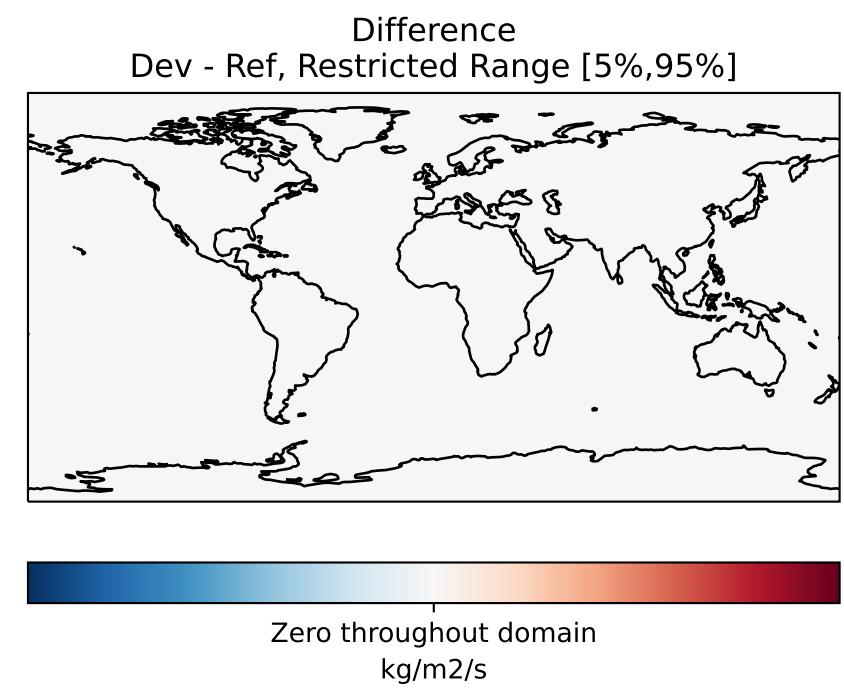
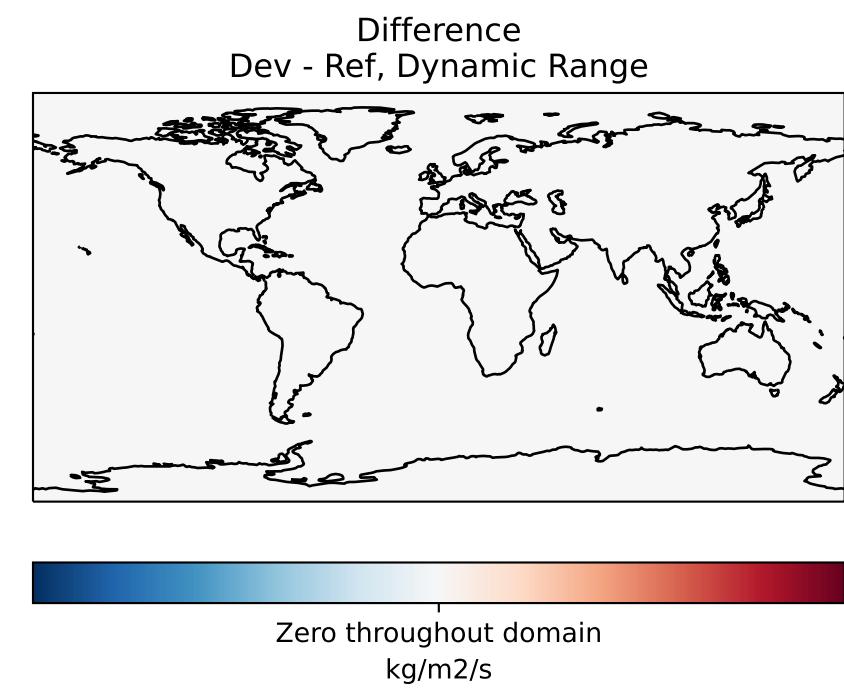
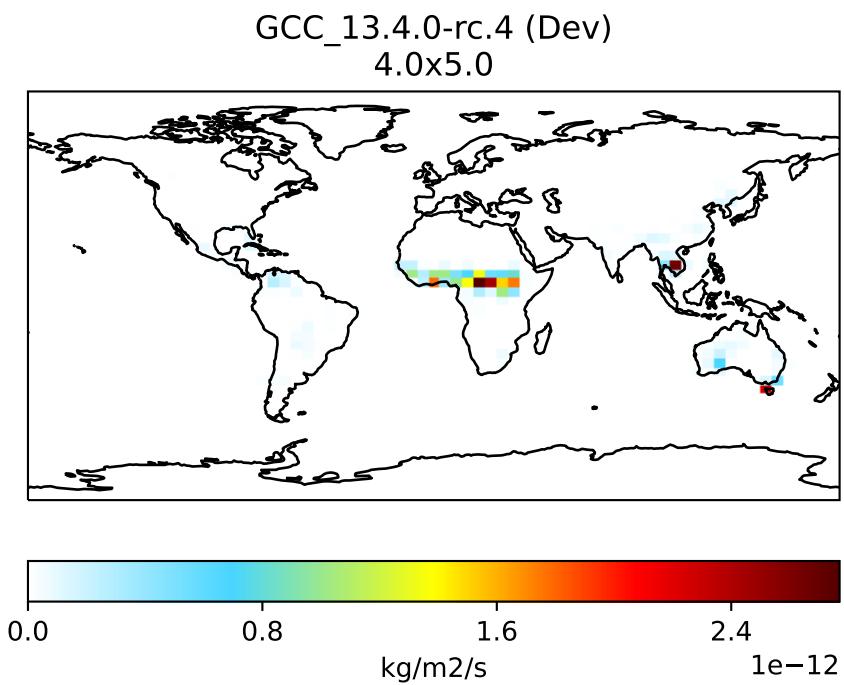
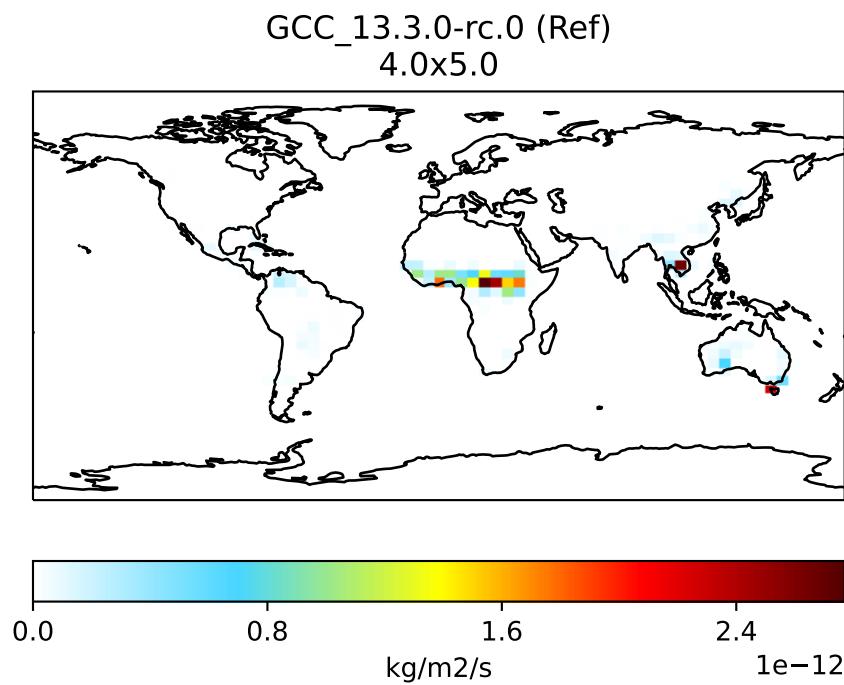
EmisALK4_Aircraft (Jan2019)



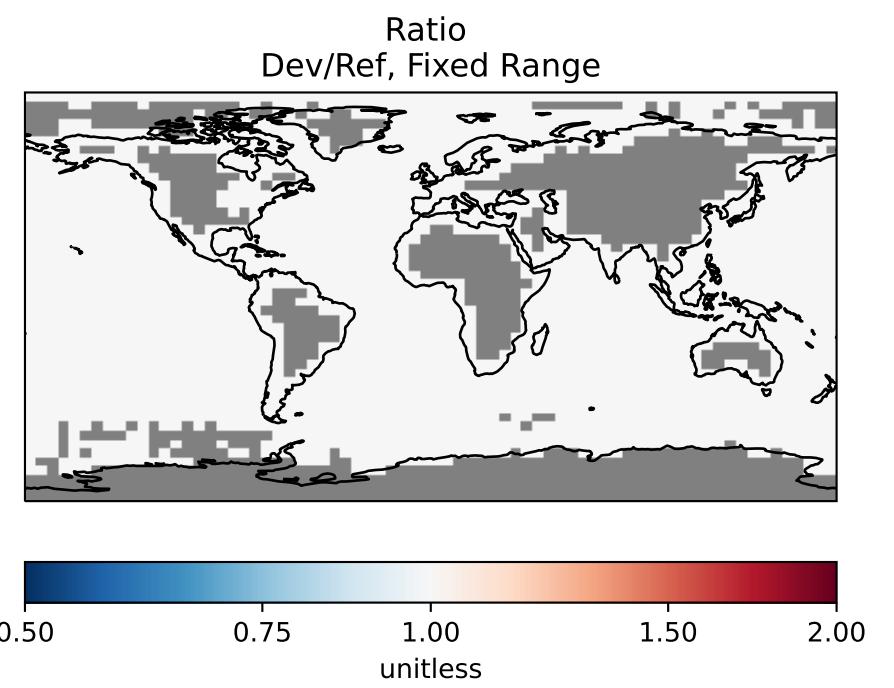
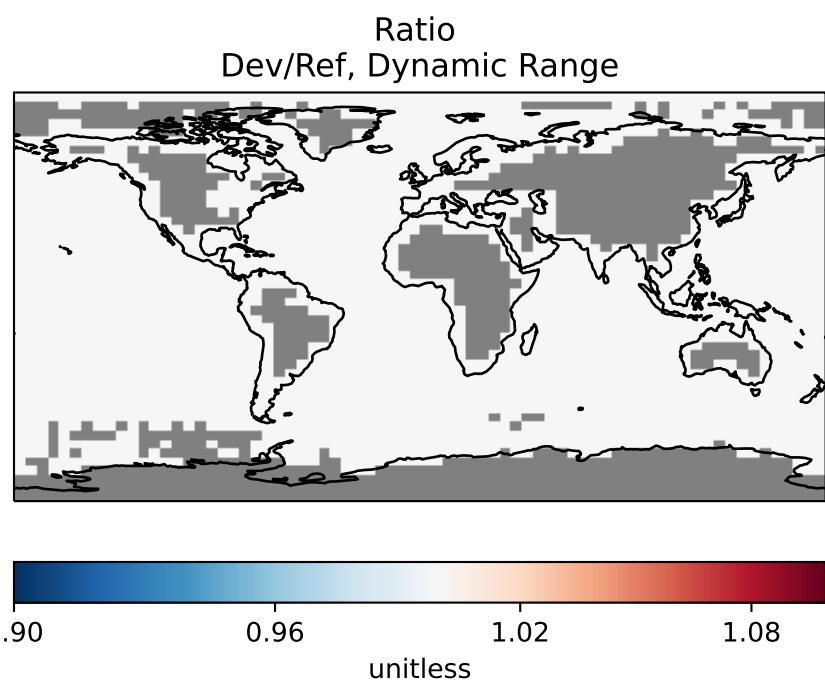
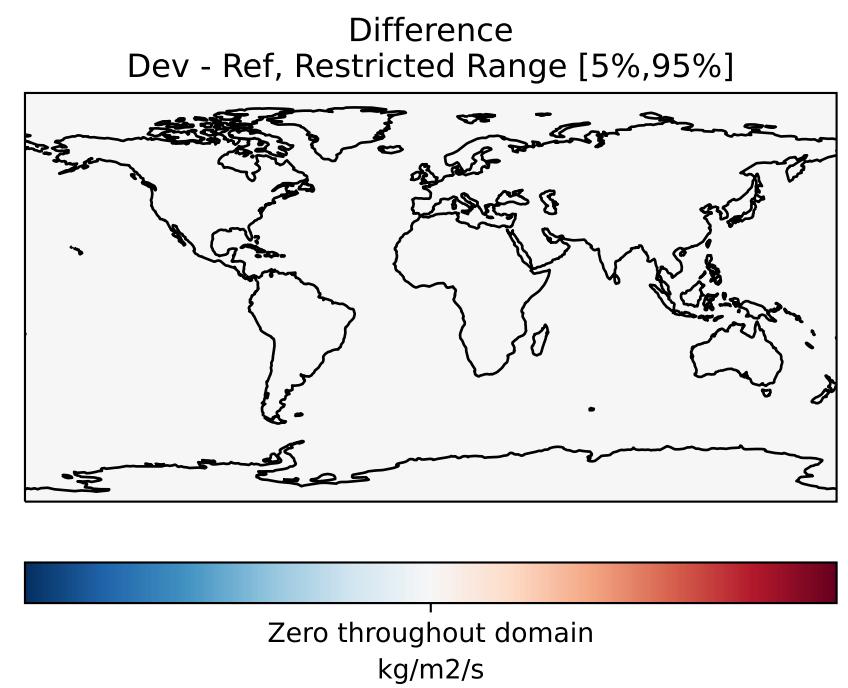
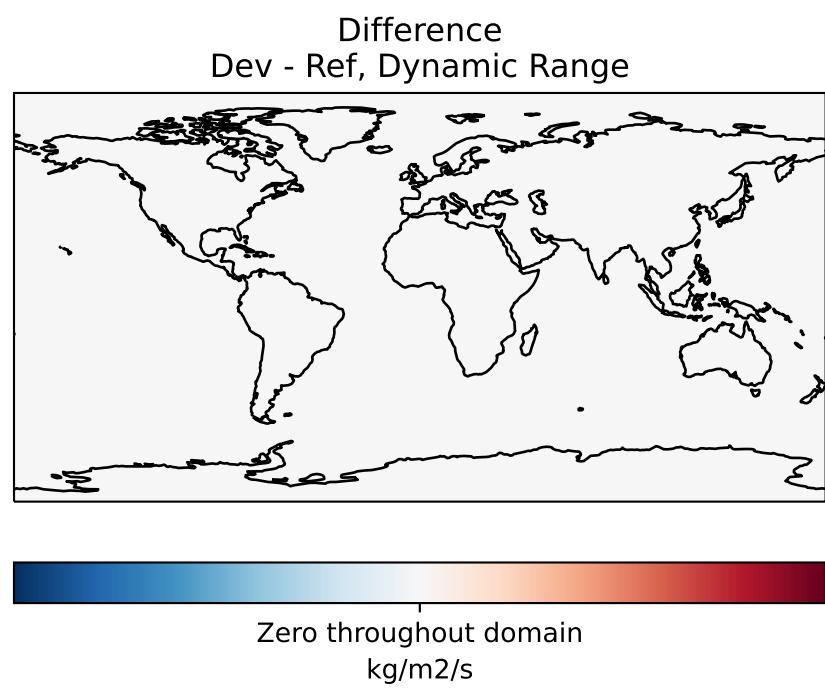
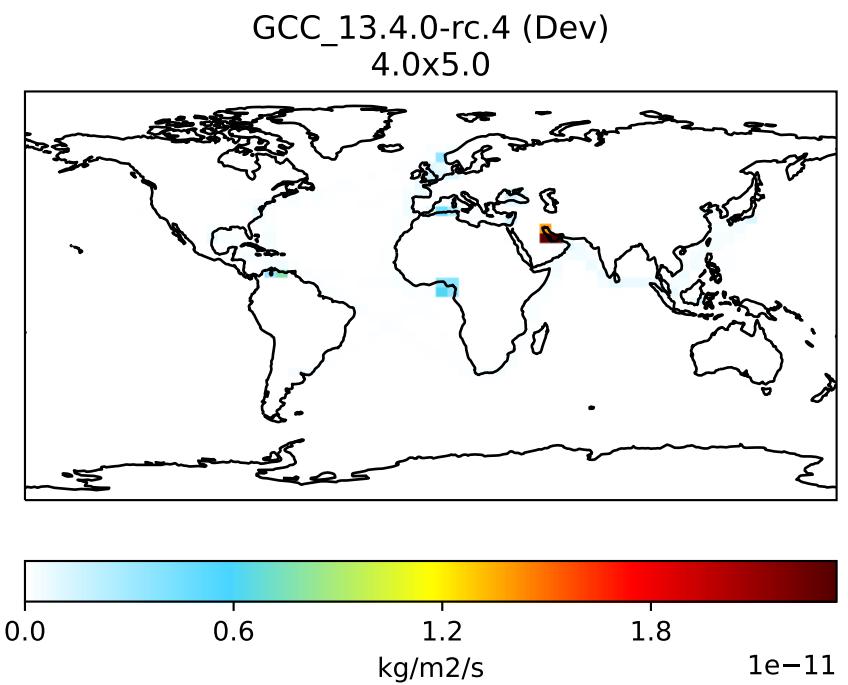
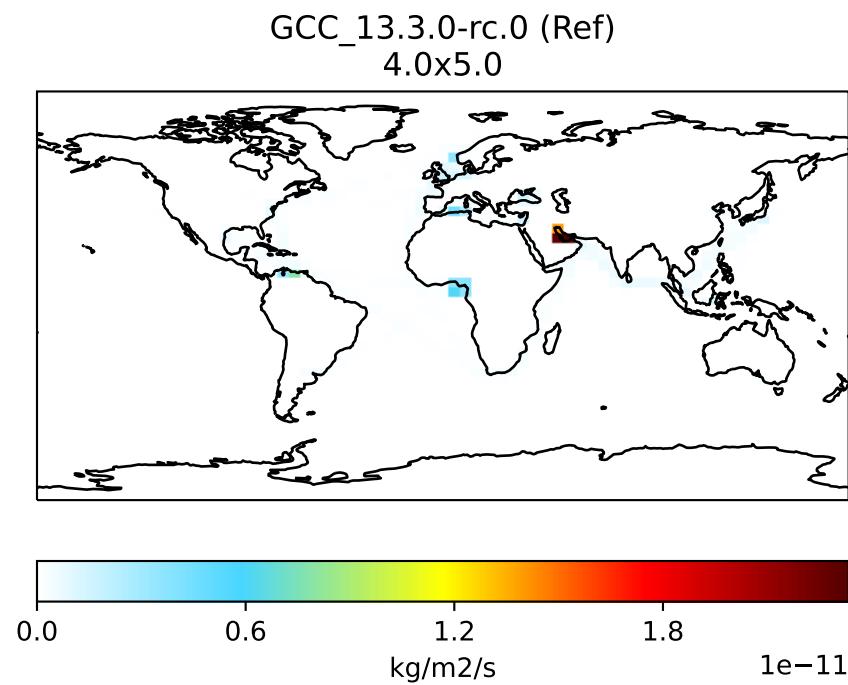
EmisALK4_Anthro (Jan2019)



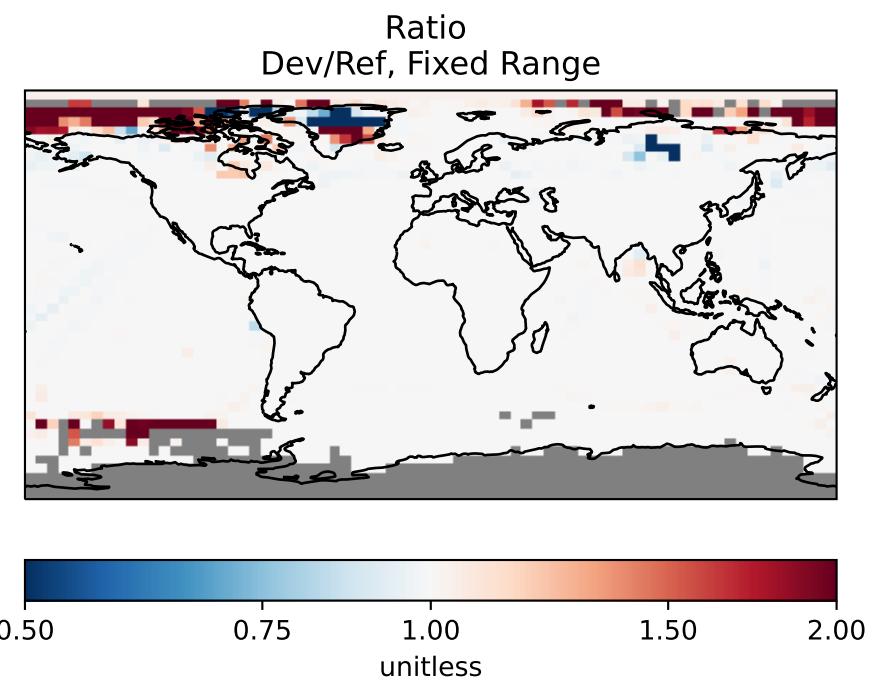
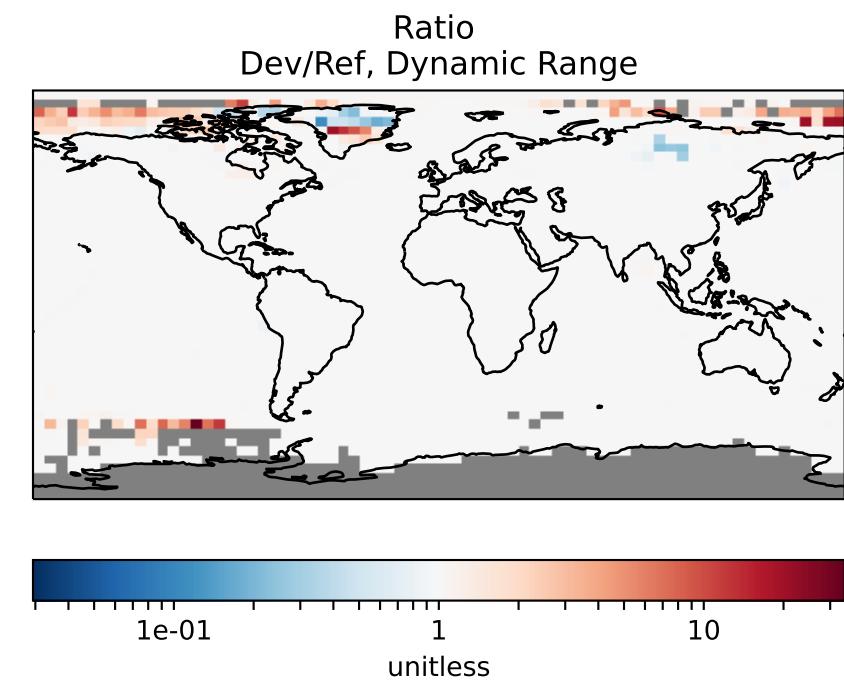
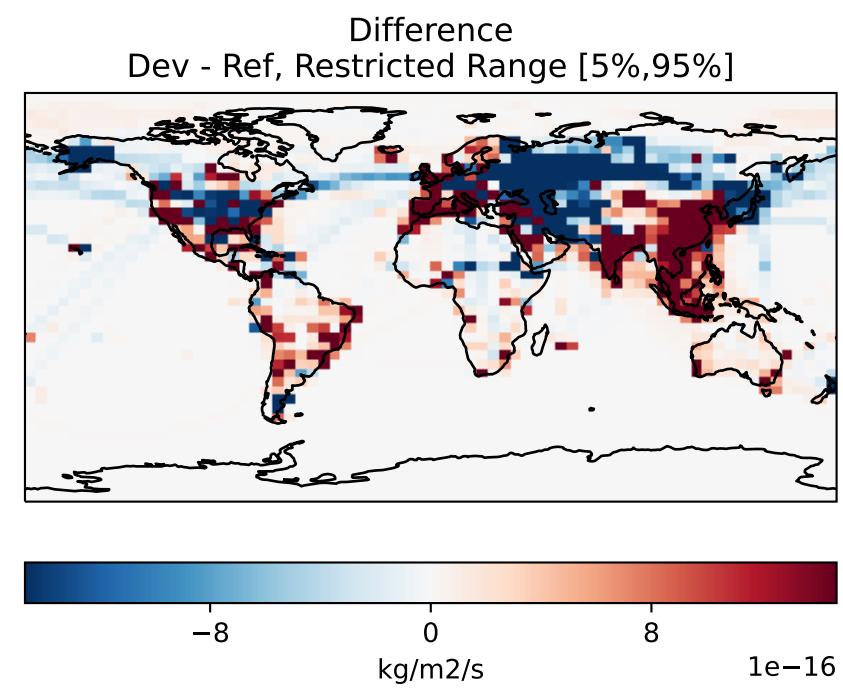
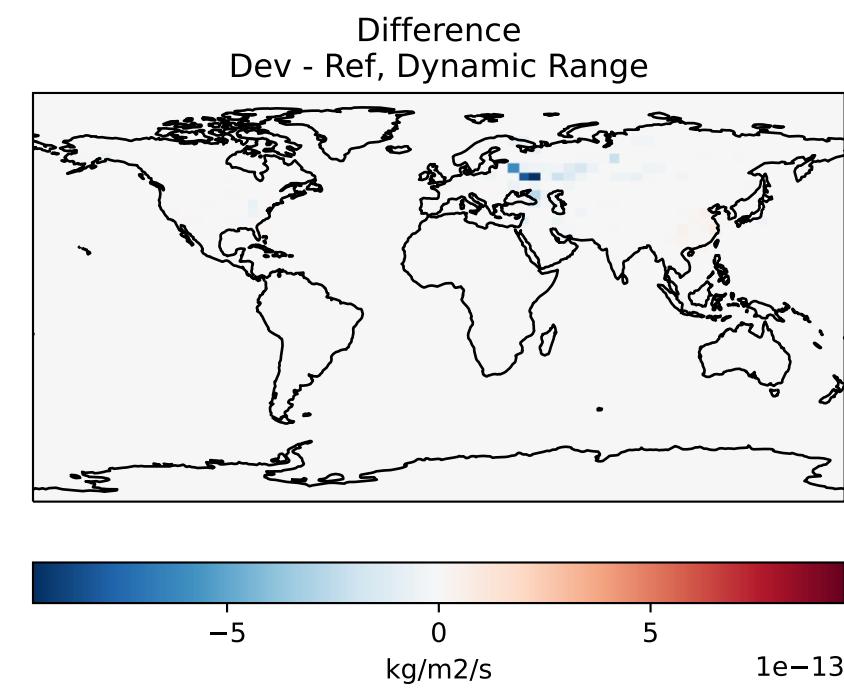
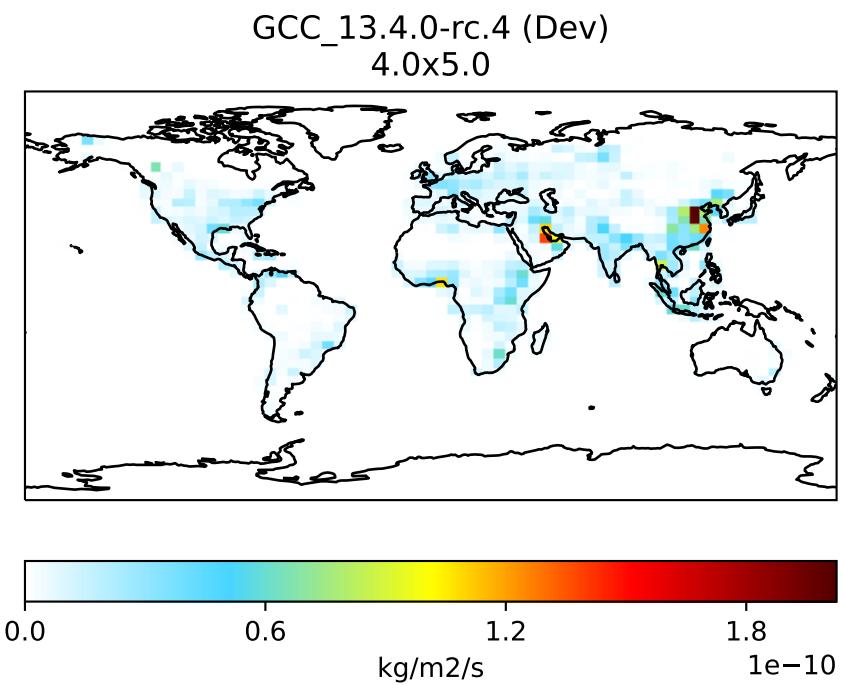
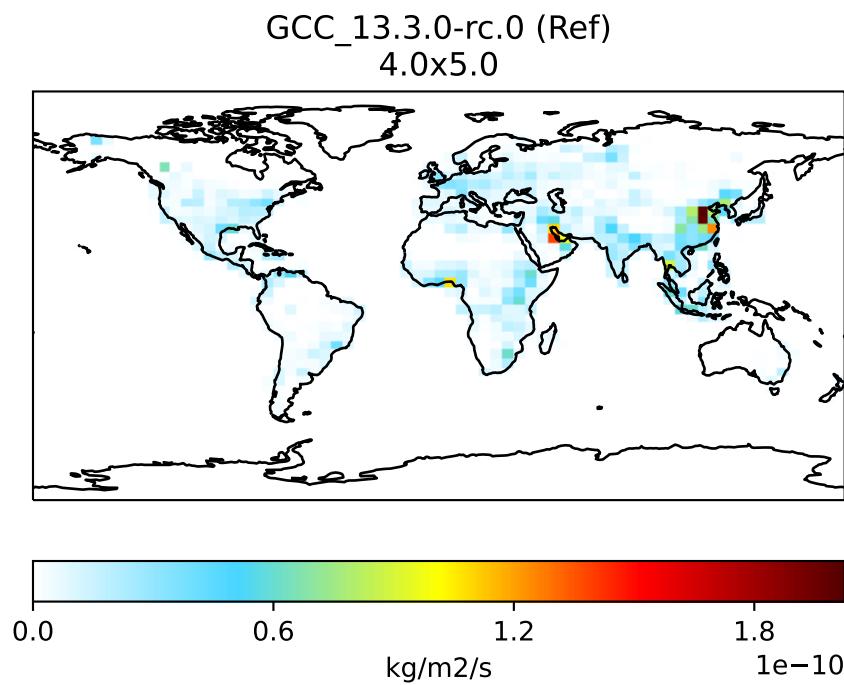
EmisALK4_BioBurn (Jan2019)



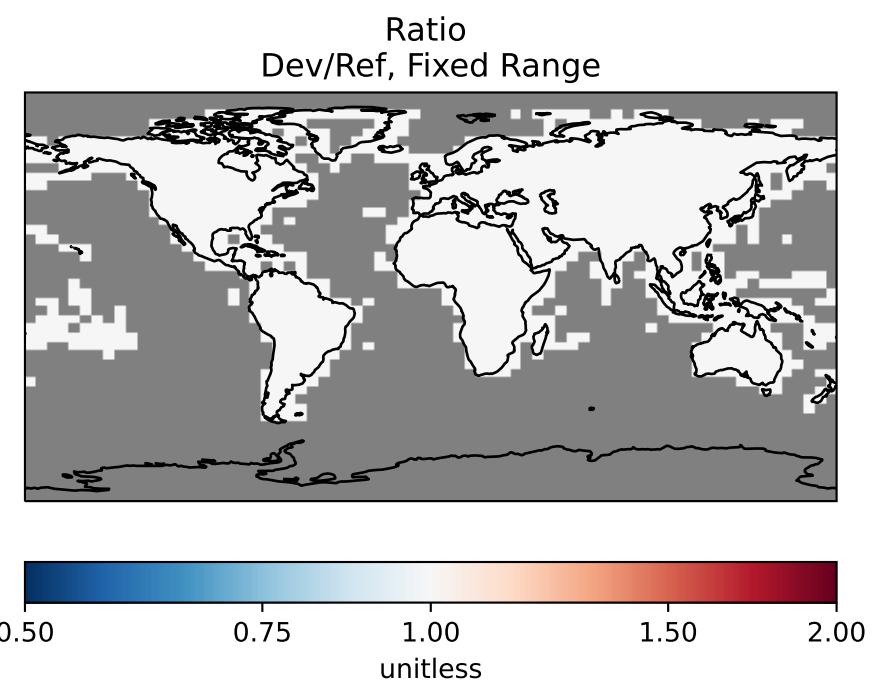
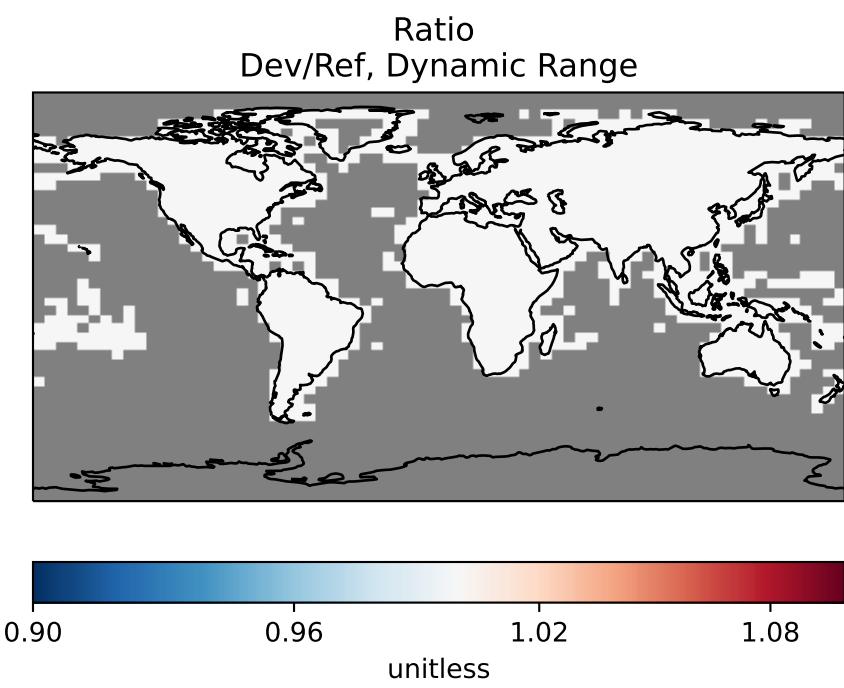
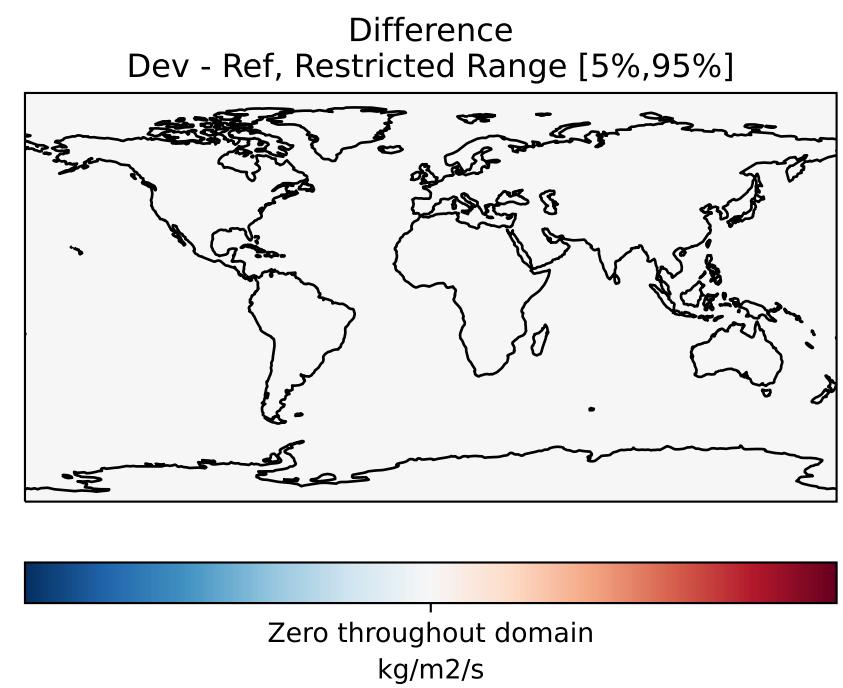
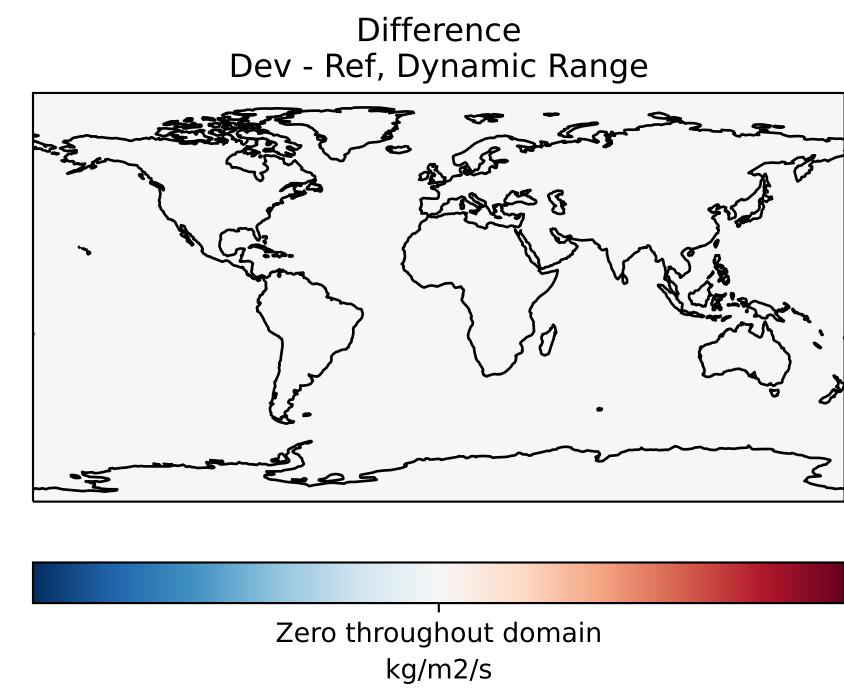
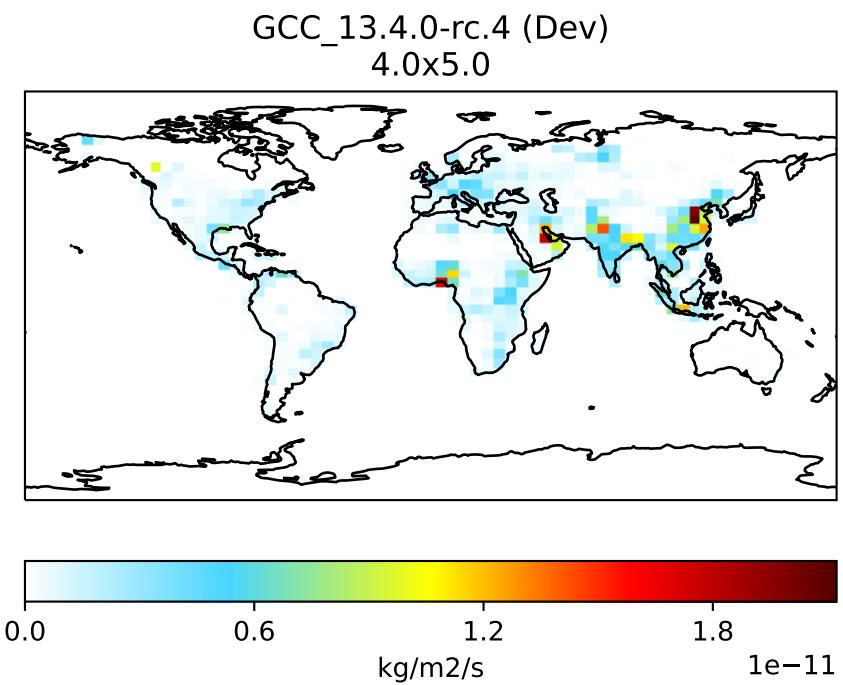
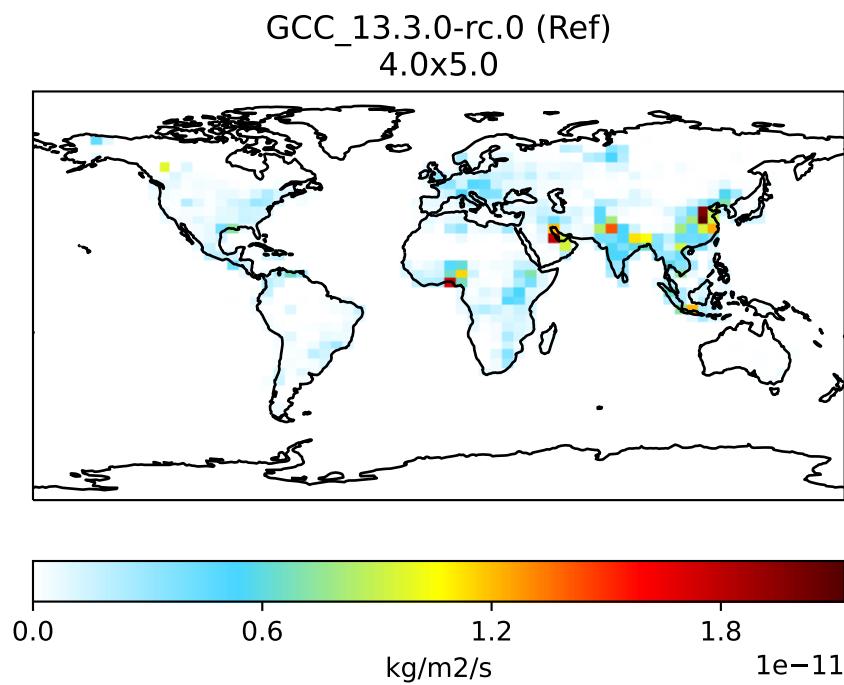
EmisALK4_Ship (Jan2019)



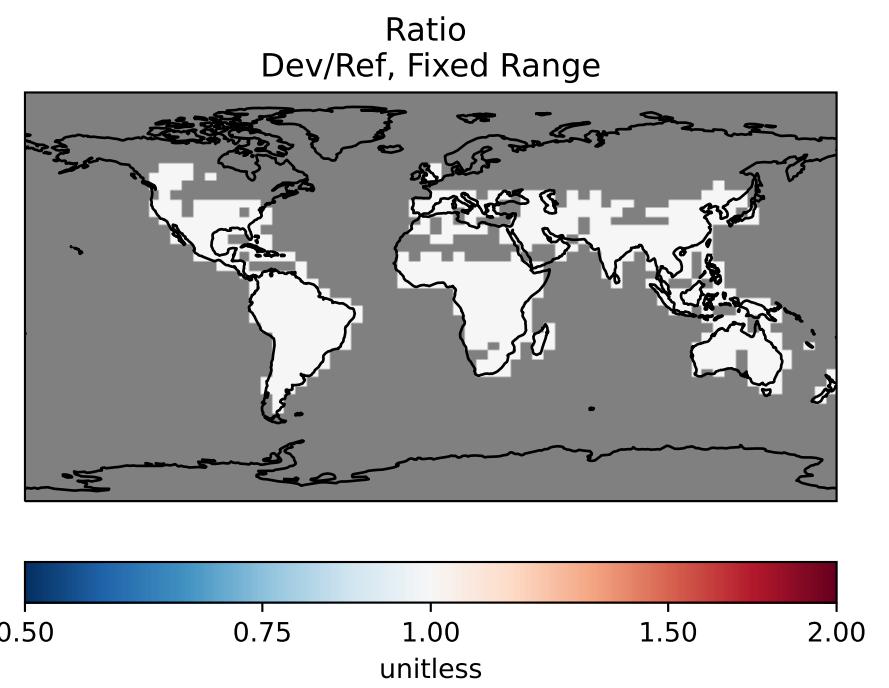
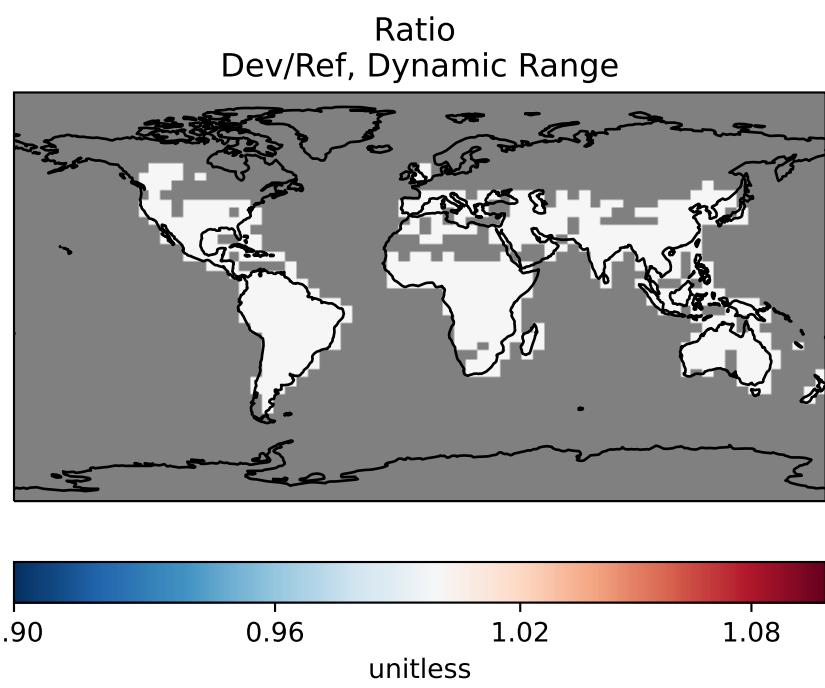
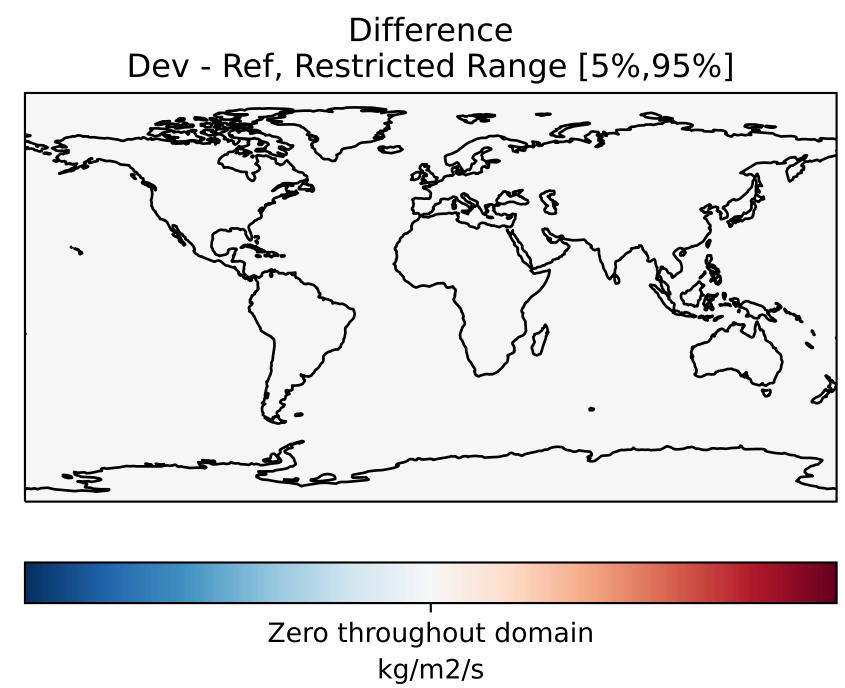
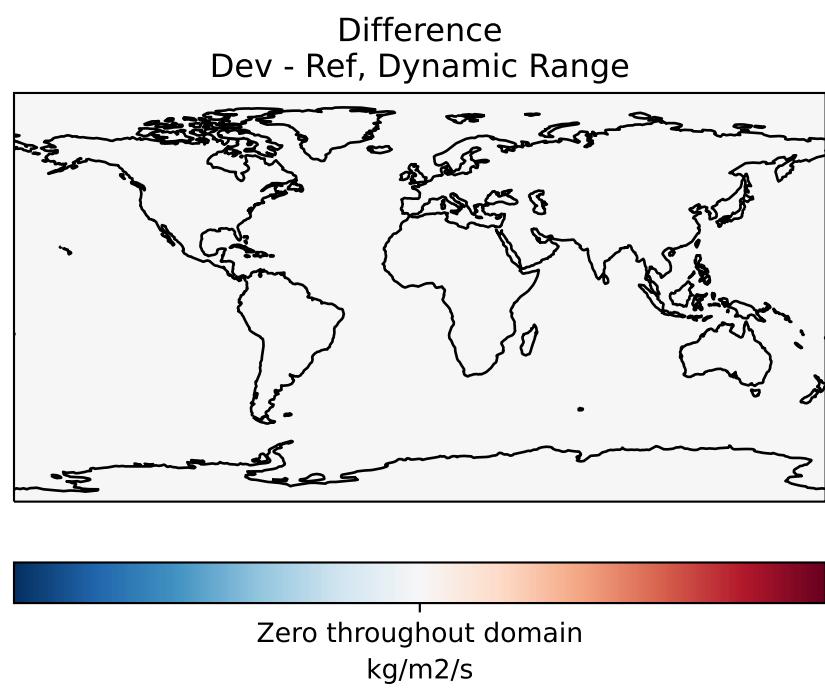
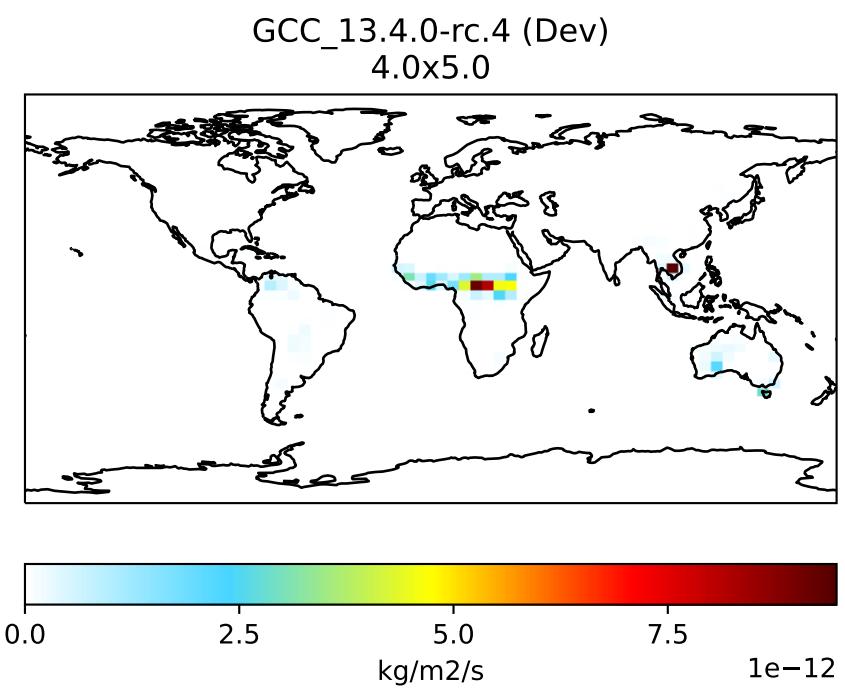
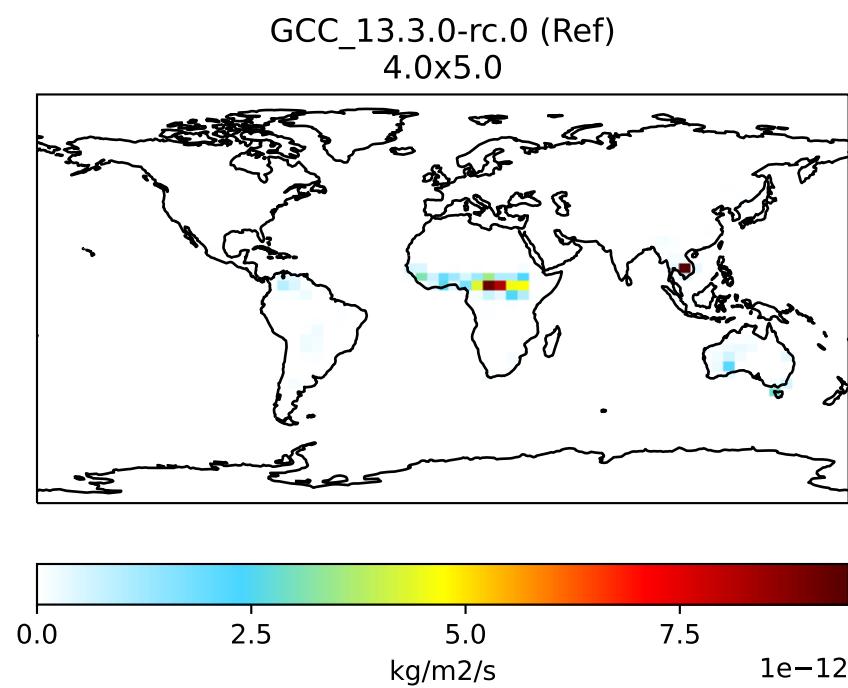
EmisALK4_Total (Jan2019)



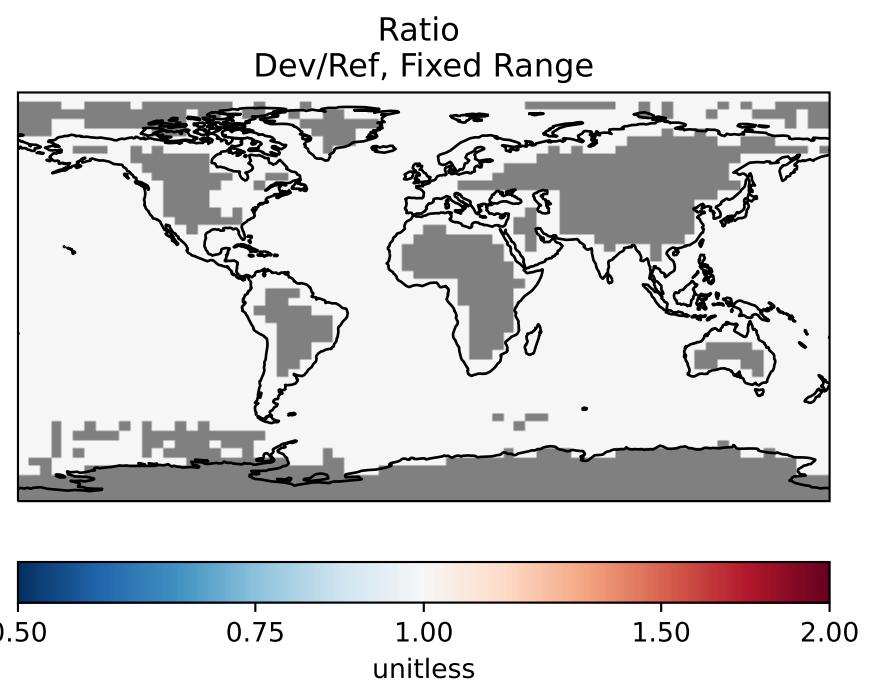
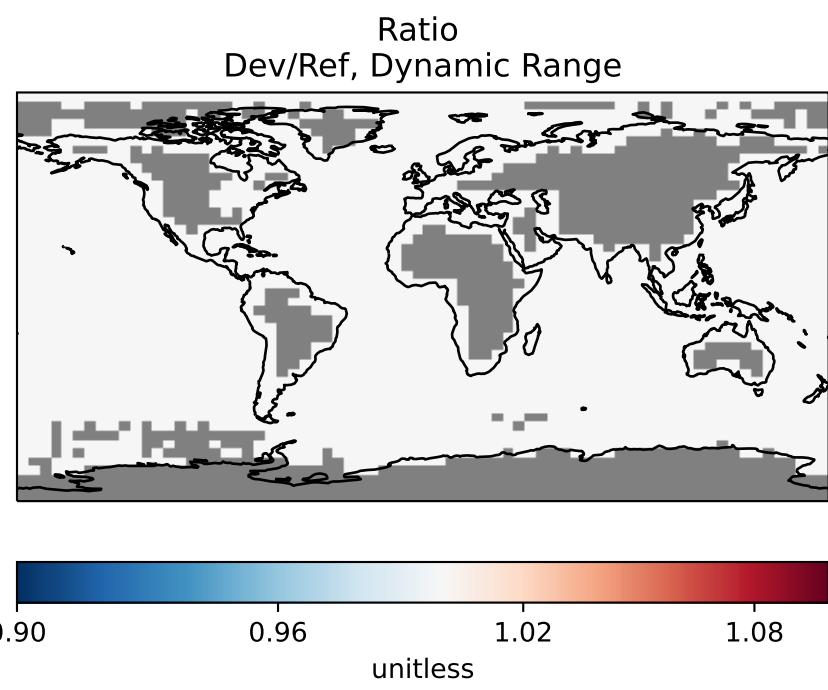
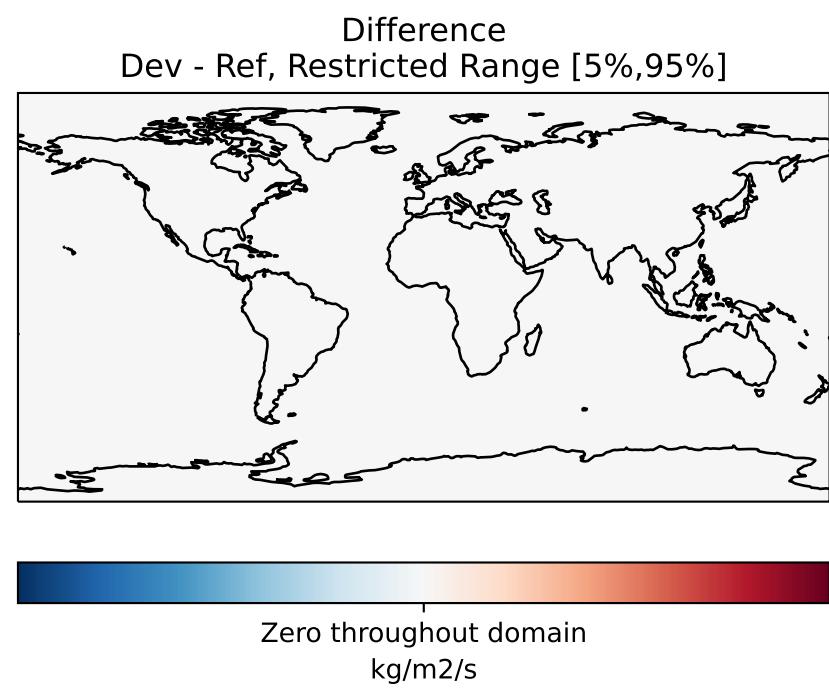
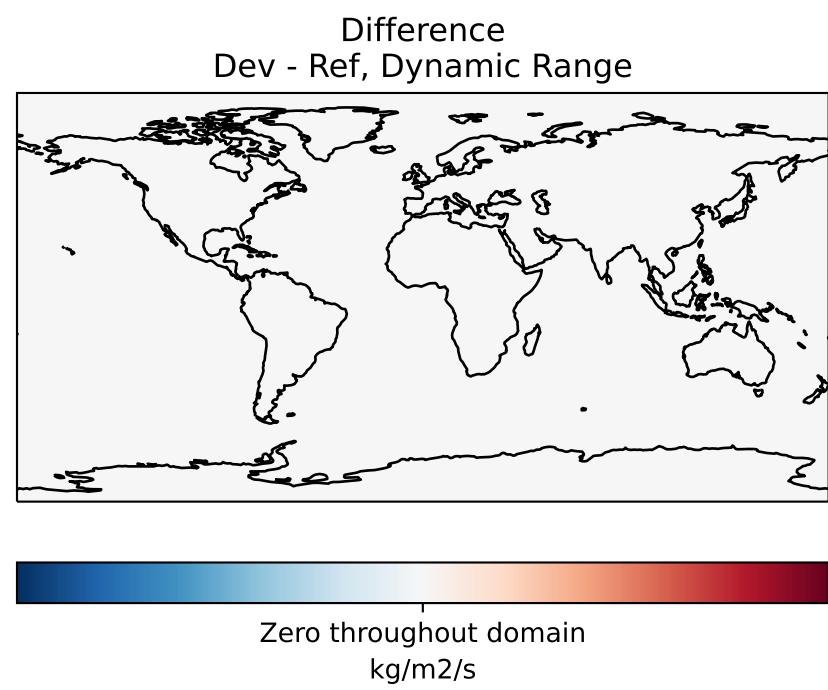
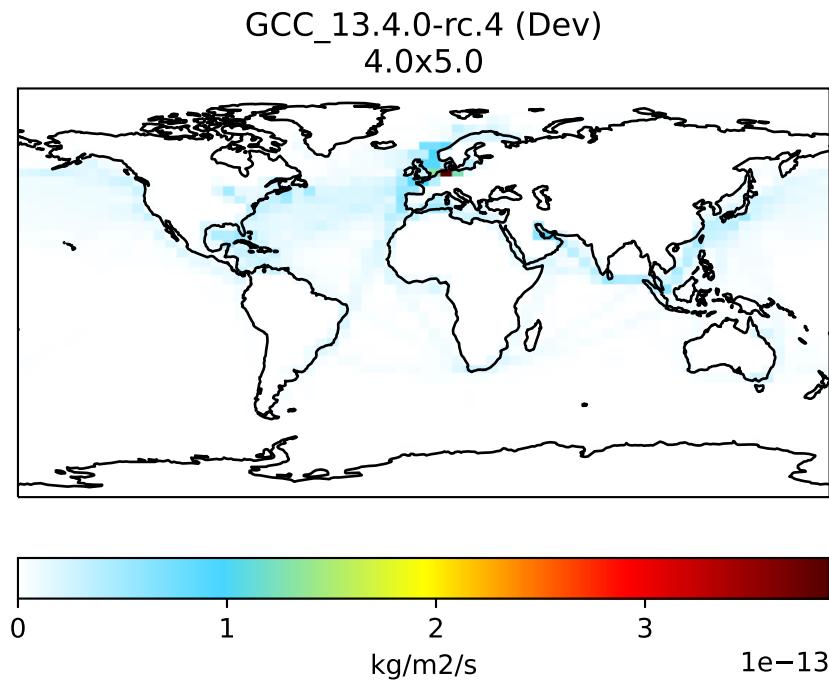
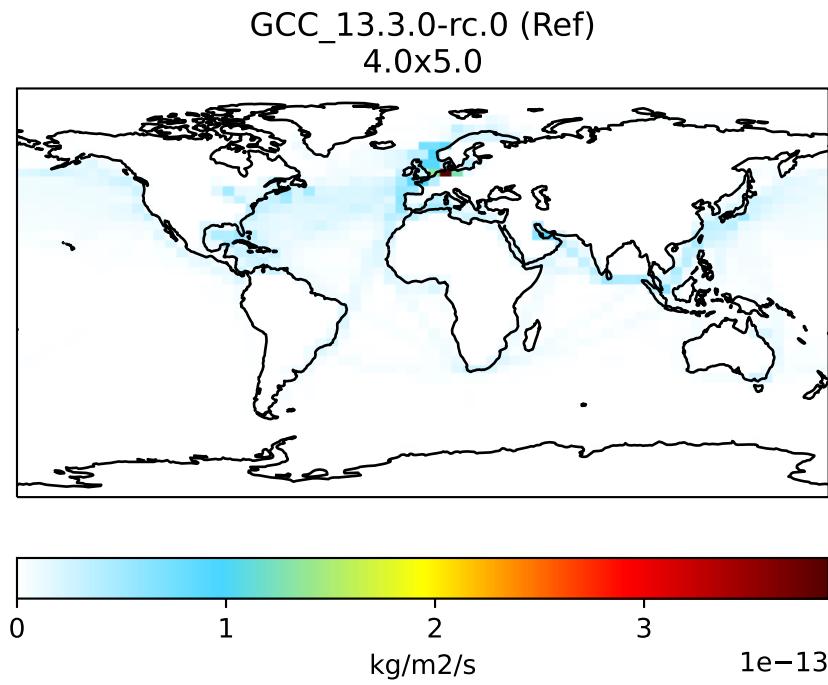
EmisBENZ_Anthro (Jan2019)



EmisBENZ_BioBurn (Jan2019)

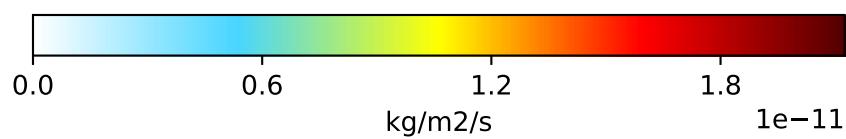
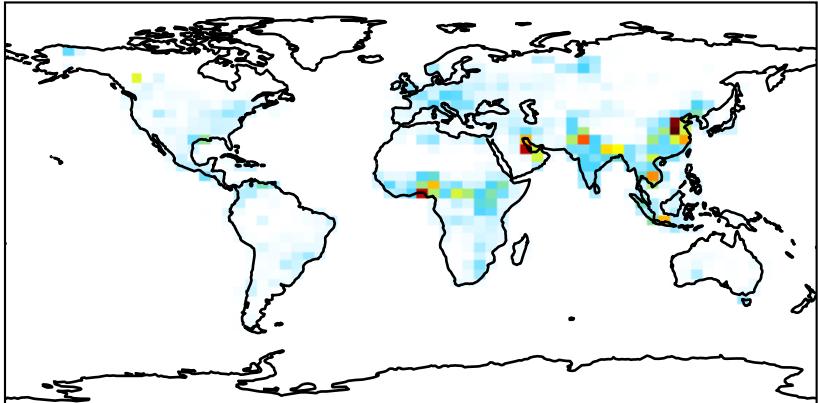


EmisBENZ_Ship (Jan2019)

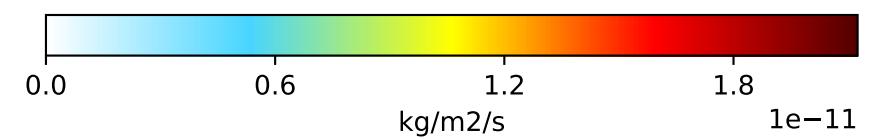
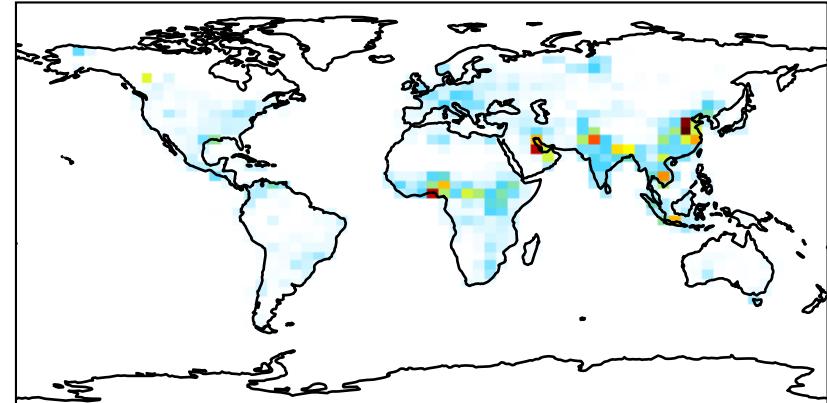


EmisBENZ_Total (Jan2019)

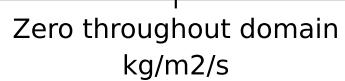
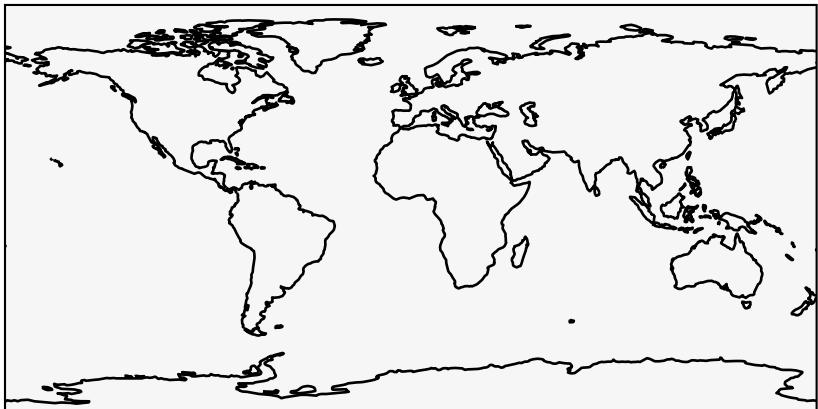
GCC_13.3.0-rc.0 (Ref)
4.0x5.0



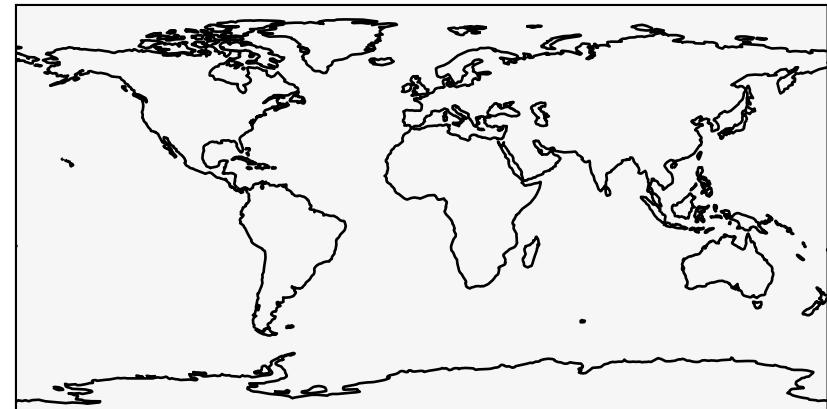
GCC_13.4.0-rc.4 (Dev)
4.0x5.0



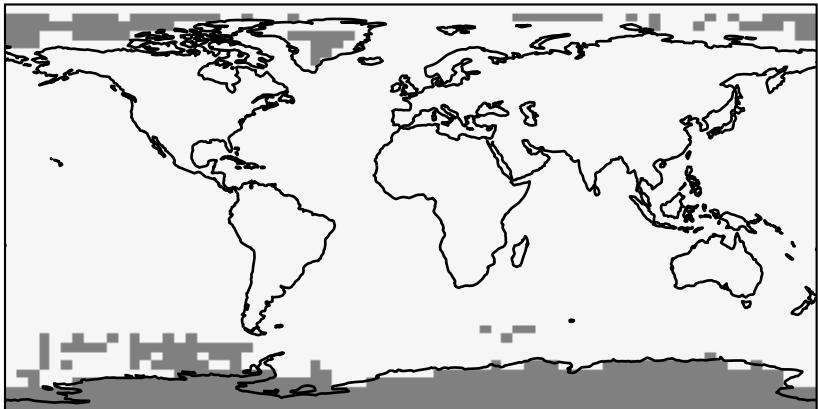
Difference
Dev - Ref, Dynamic Range



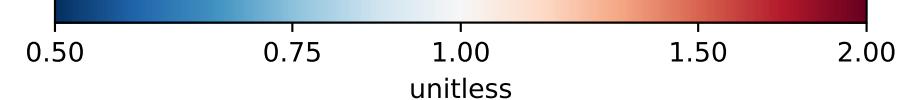
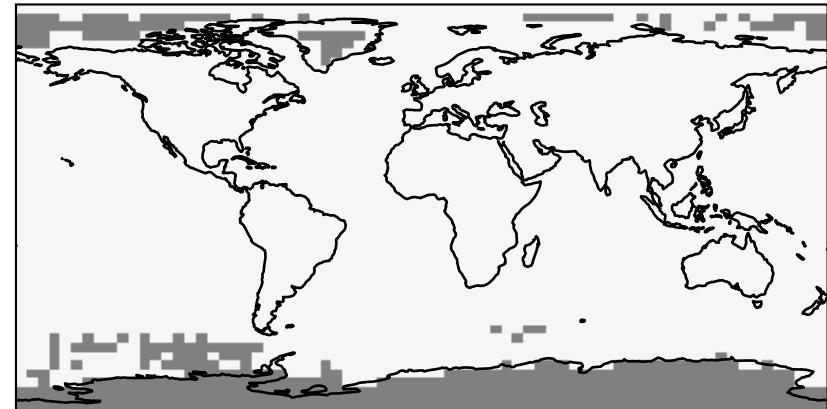
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

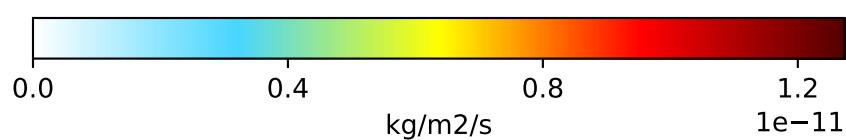
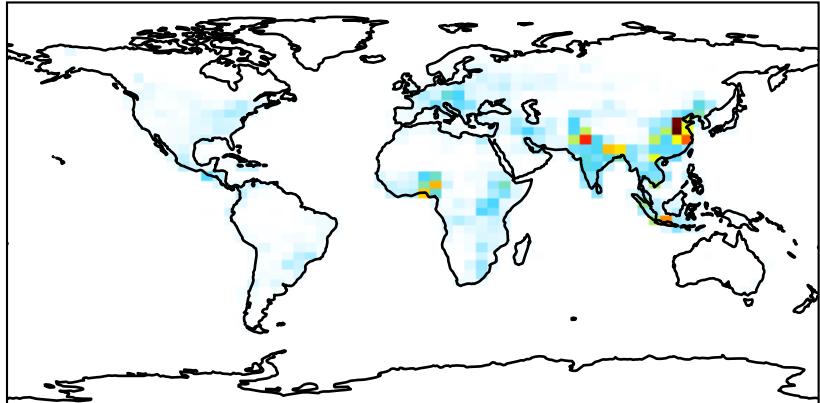


Ratio
Dev/Ref, Fixed Range

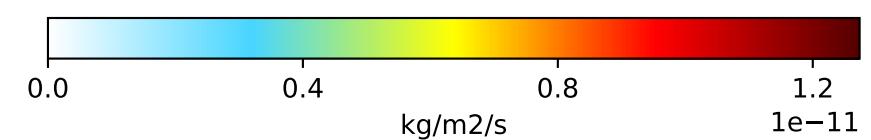
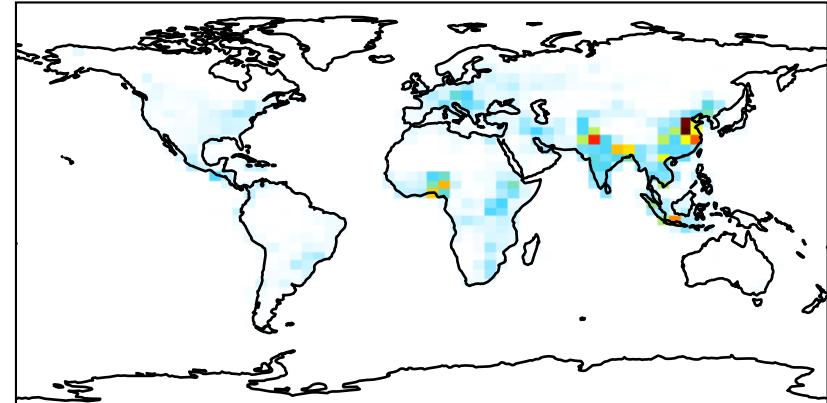


EmisC2H2_Anthro (Jan2019)

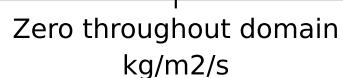
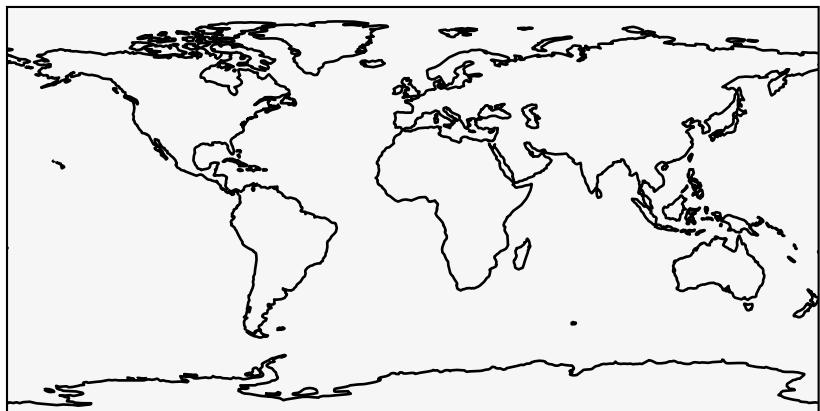
GCC_13.3.0-rc.0 (Ref)
4.0x5.0



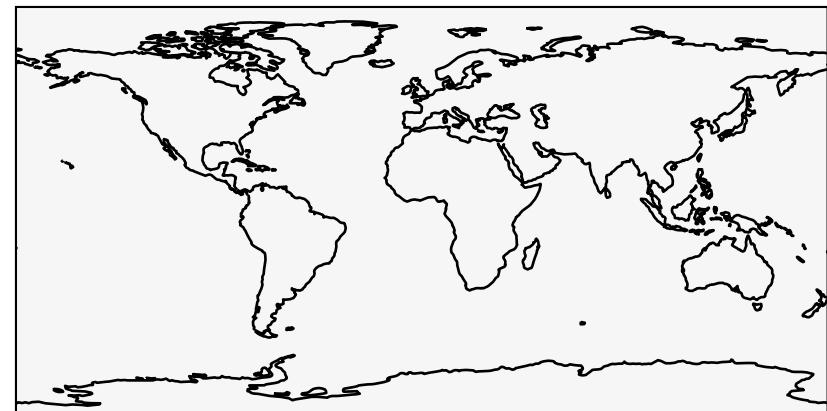
GCC_13.4.0-rc.4 (Dev)
4.0x5.0



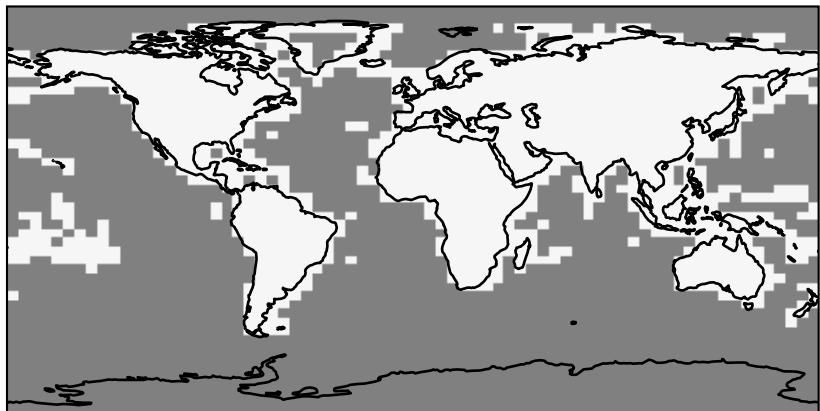
Difference
Dev - Ref, Dynamic Range



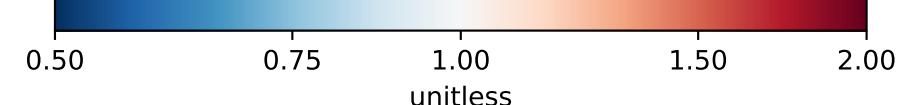
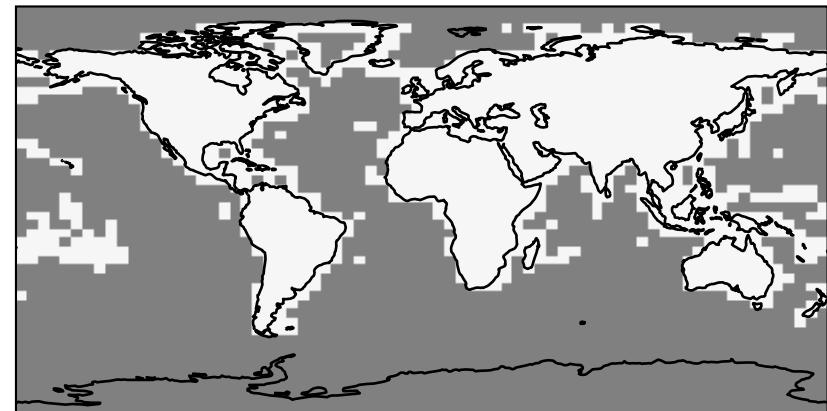
Difference
Dev - Ref, Restricted Range [5%,95%]



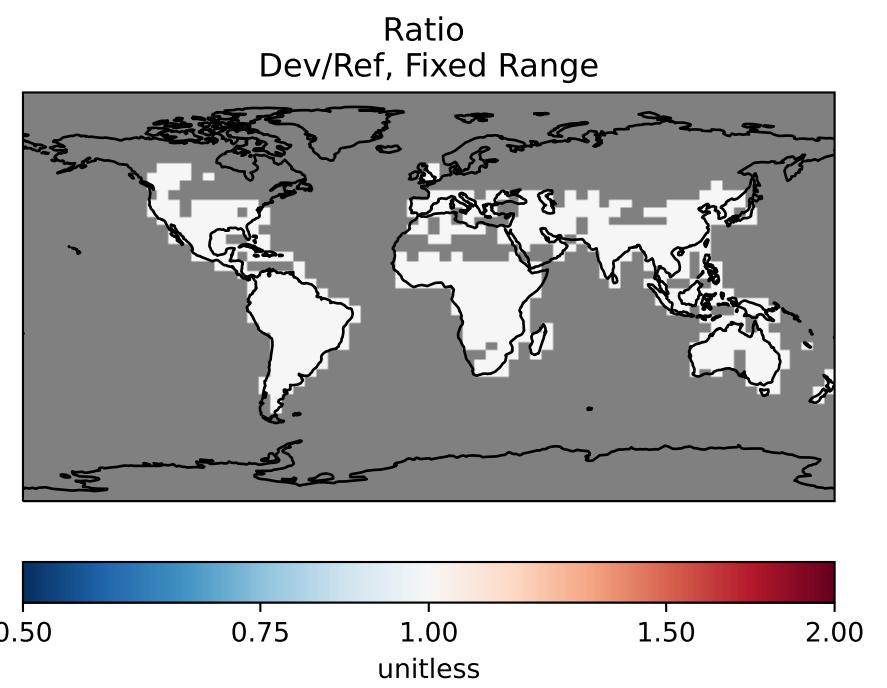
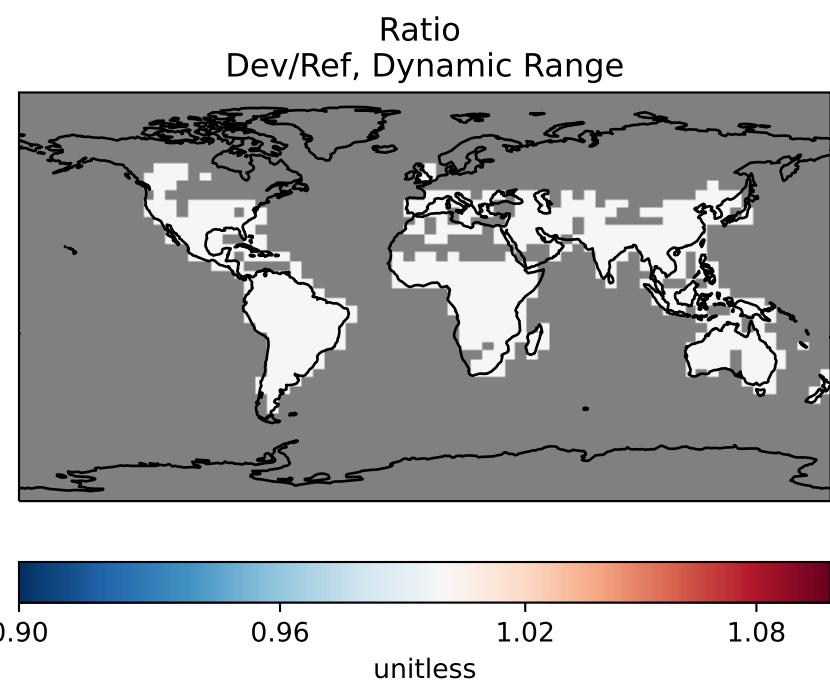
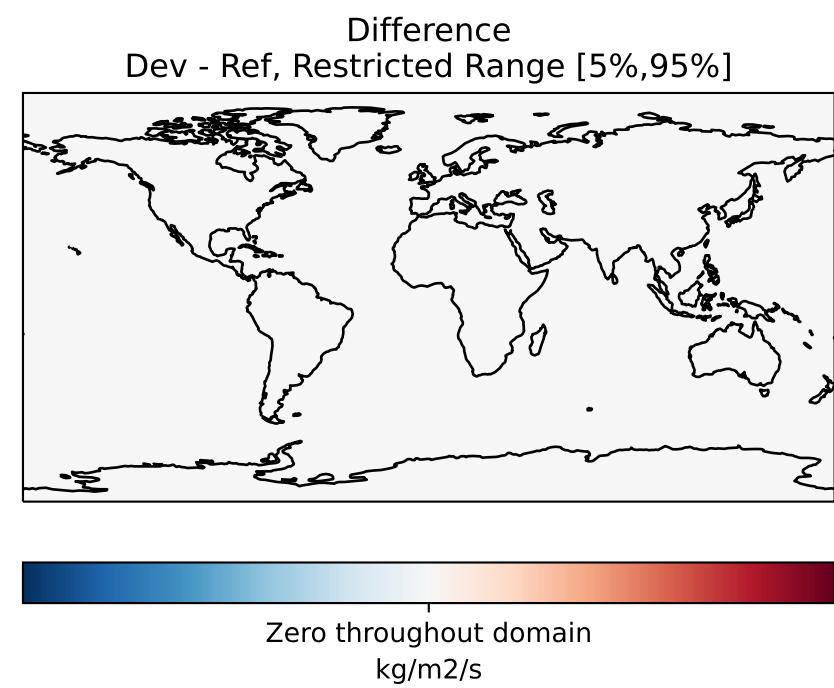
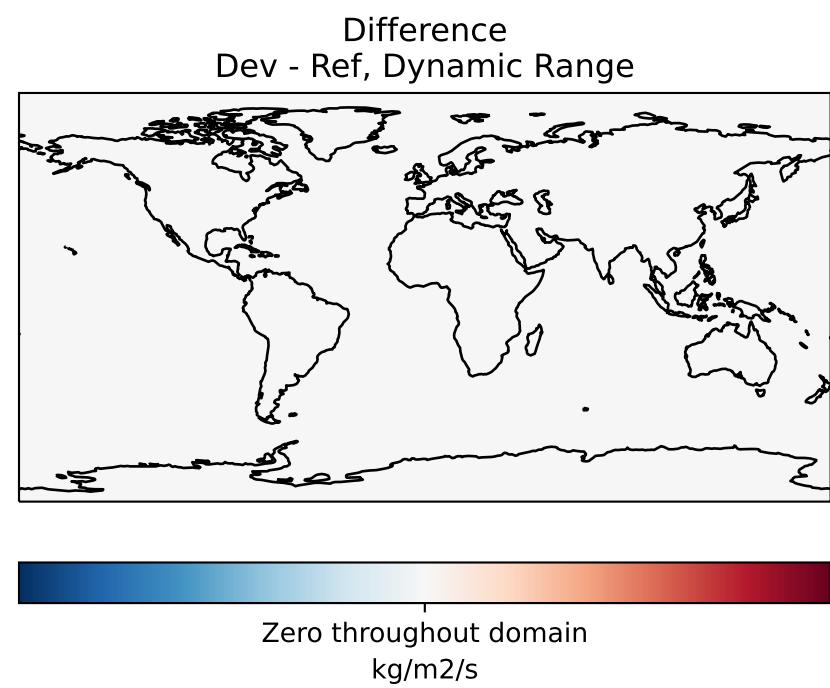
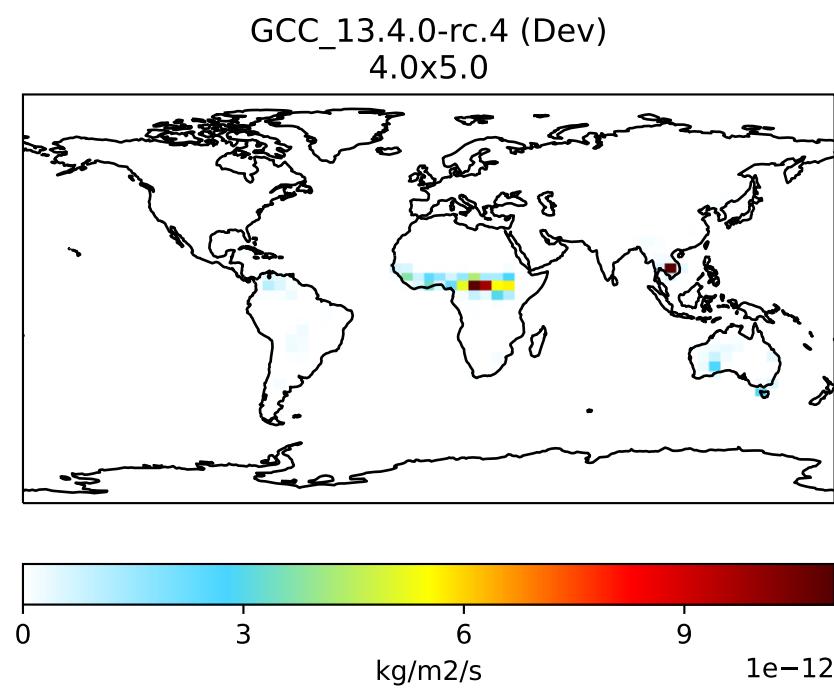
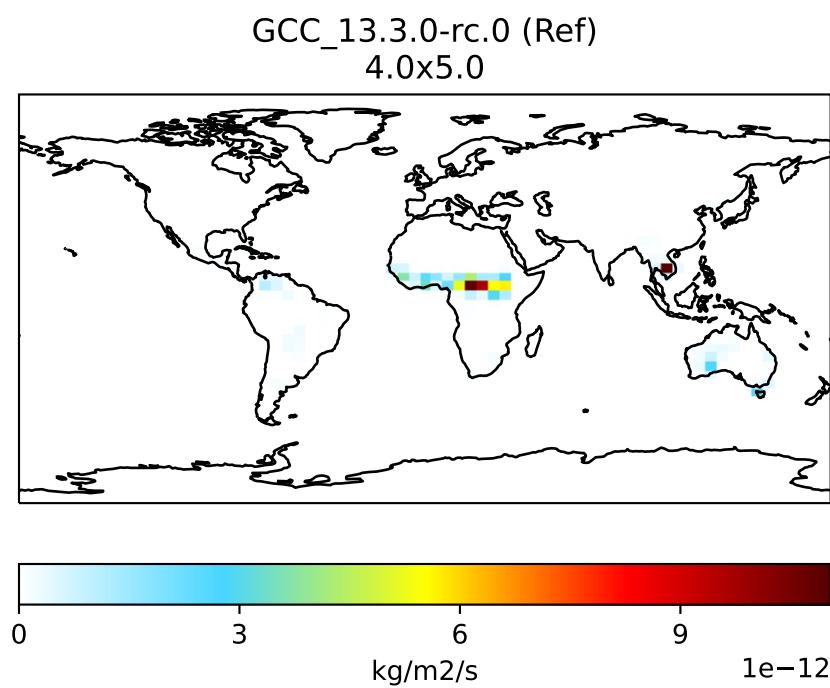
Ratio
Dev/Ref, Dynamic Range



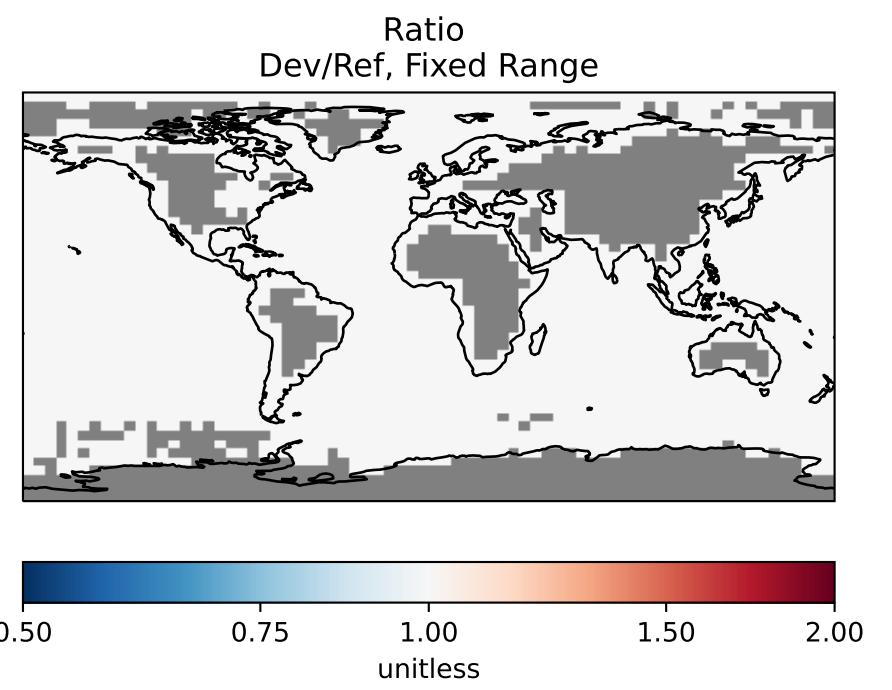
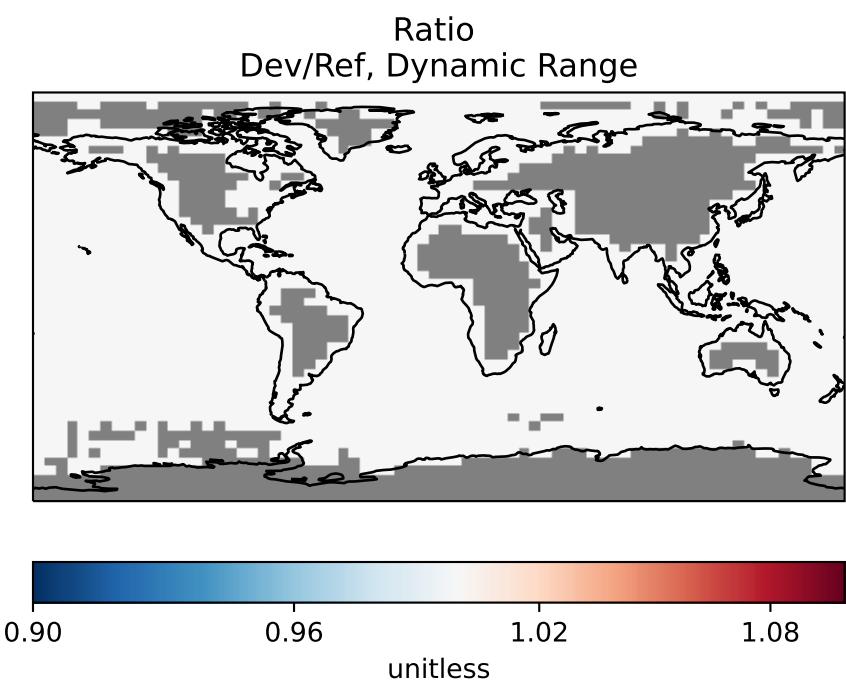
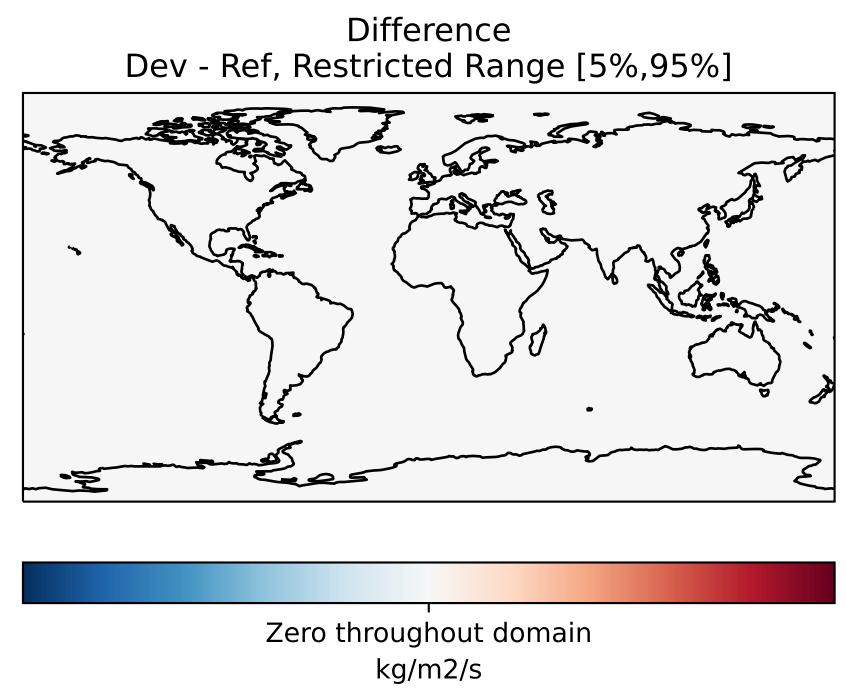
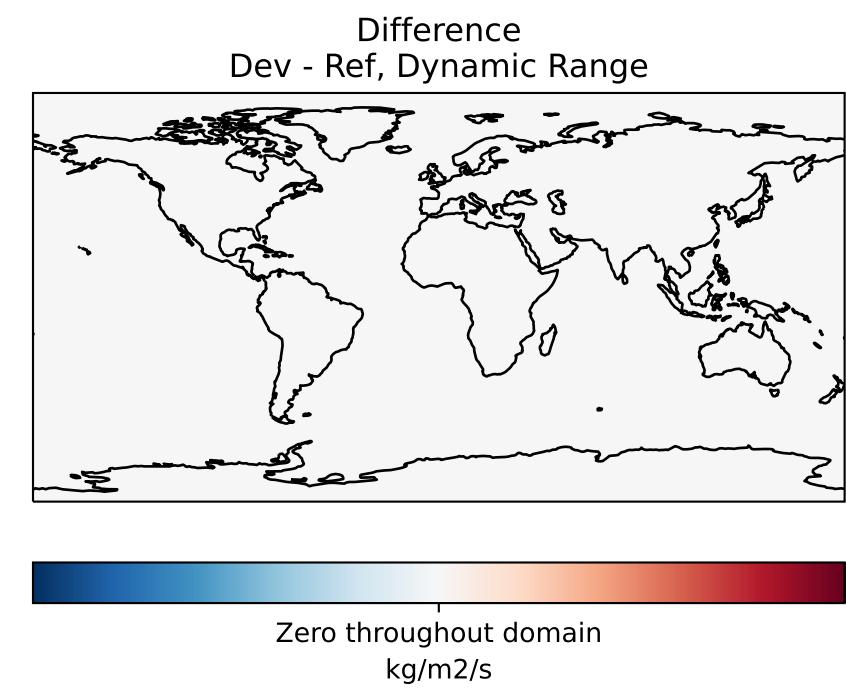
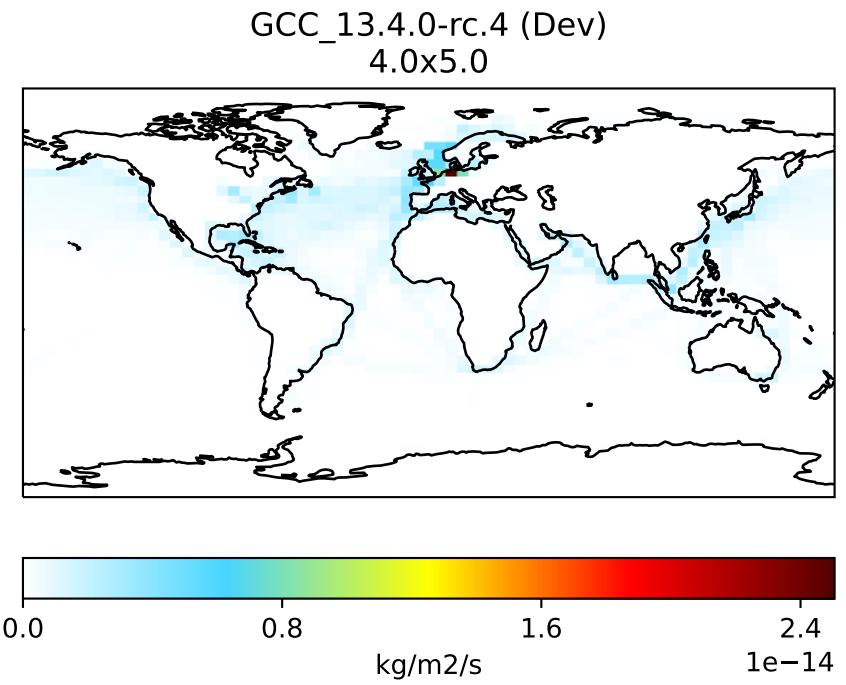
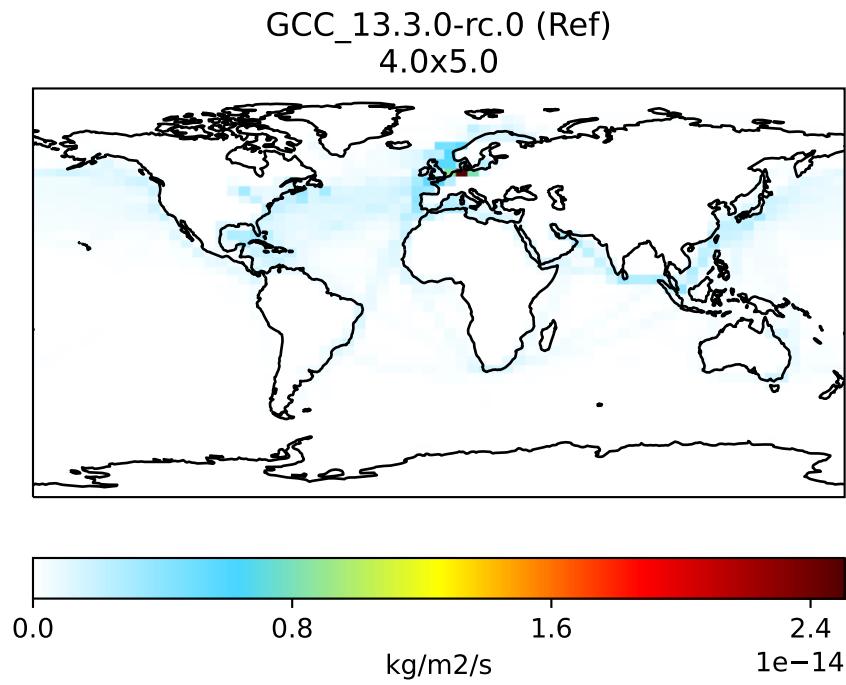
Ratio
Dev/Ref, Fixed Range



EmisC2H2_BioBurn (Jan2019)

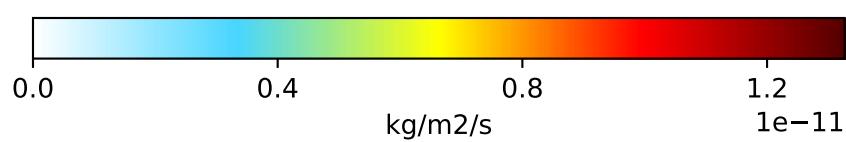
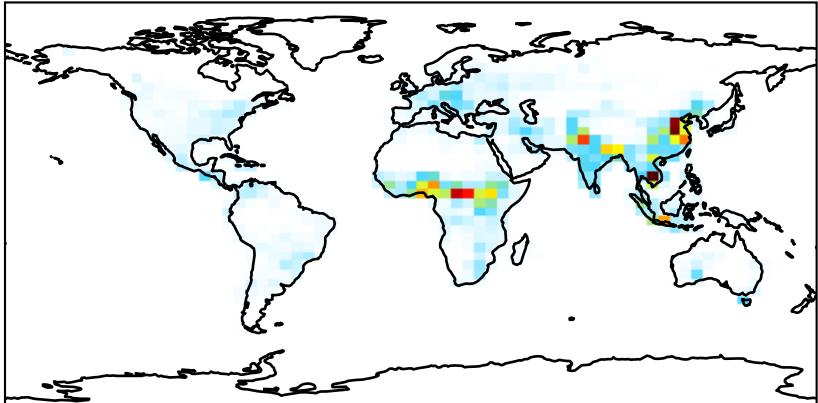


EmisC2H2_Ship (Jan2019)

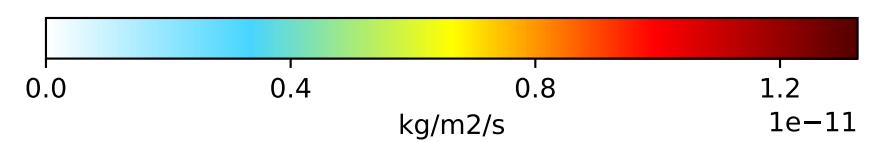
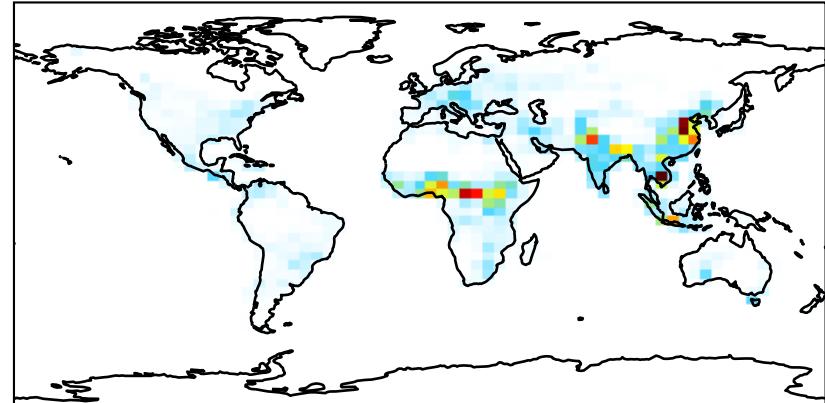


EmisC2H2_Total (Jan2019)

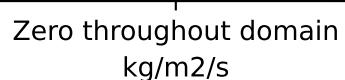
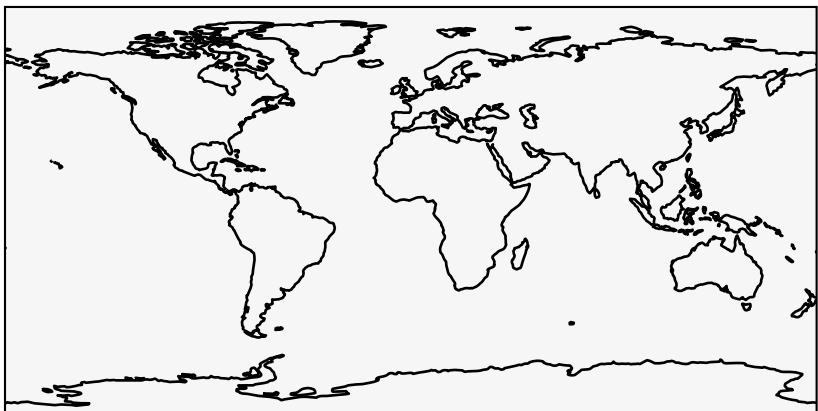
GCC_13.3.0-rc.0 (Ref)
4.0x5.0



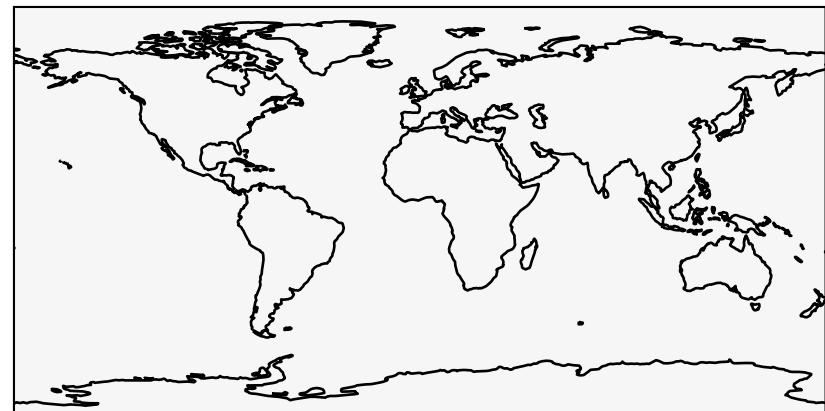
GCC_13.4.0-rc.4 (Dev)
4.0x5.0



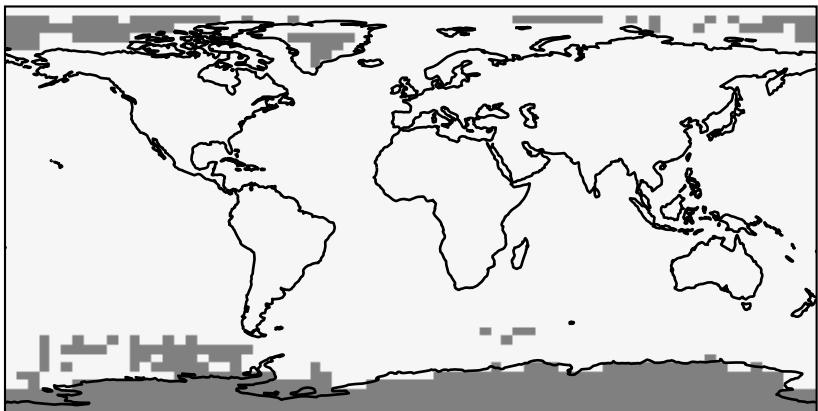
Difference
Dev - Ref, Dynamic Range



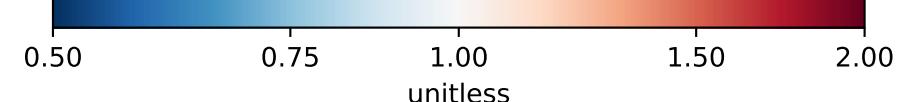
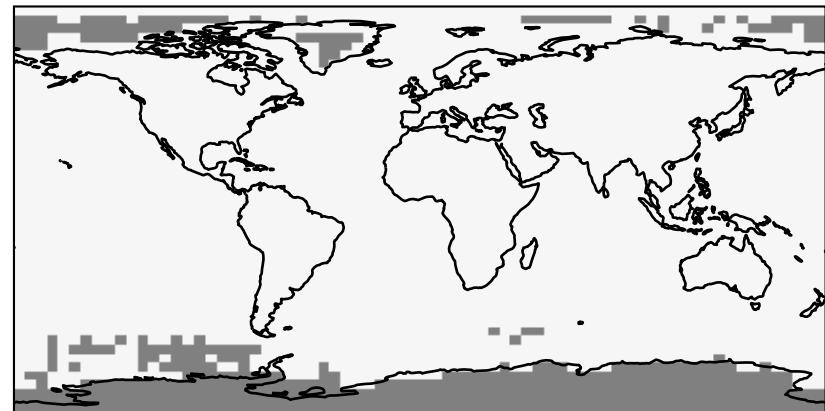
Difference
Dev - Ref, Restricted Range [5%,95%]



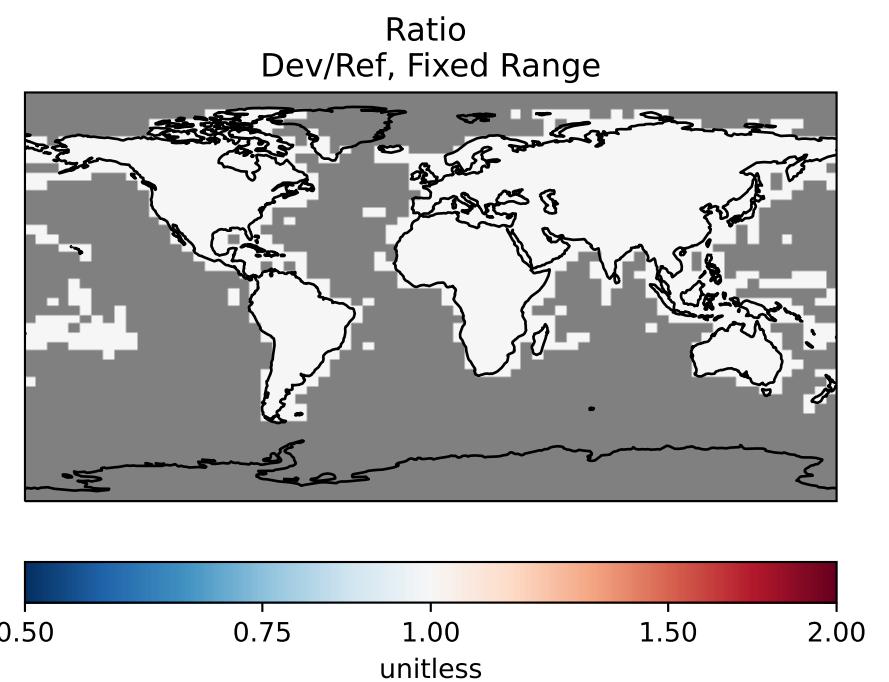
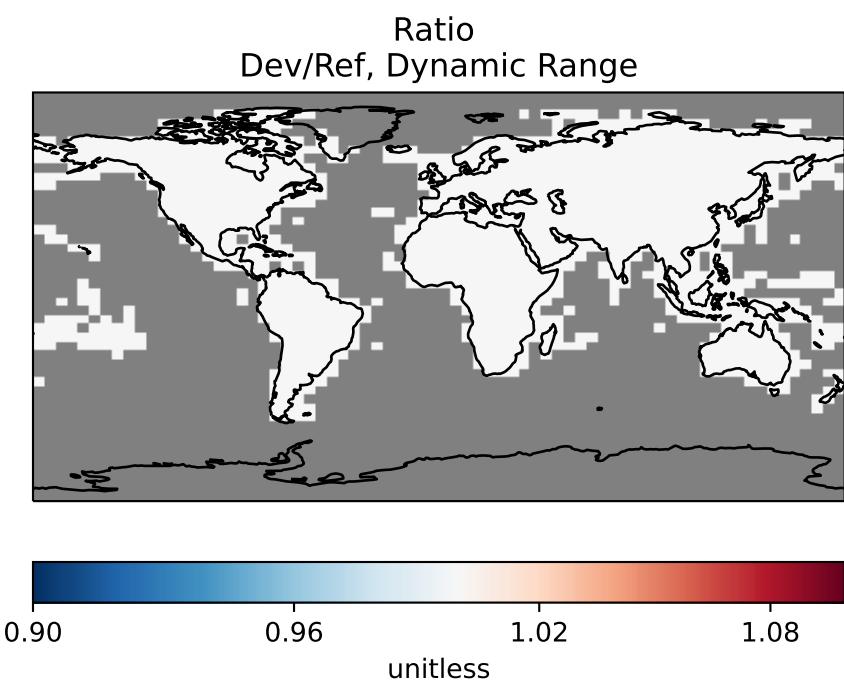
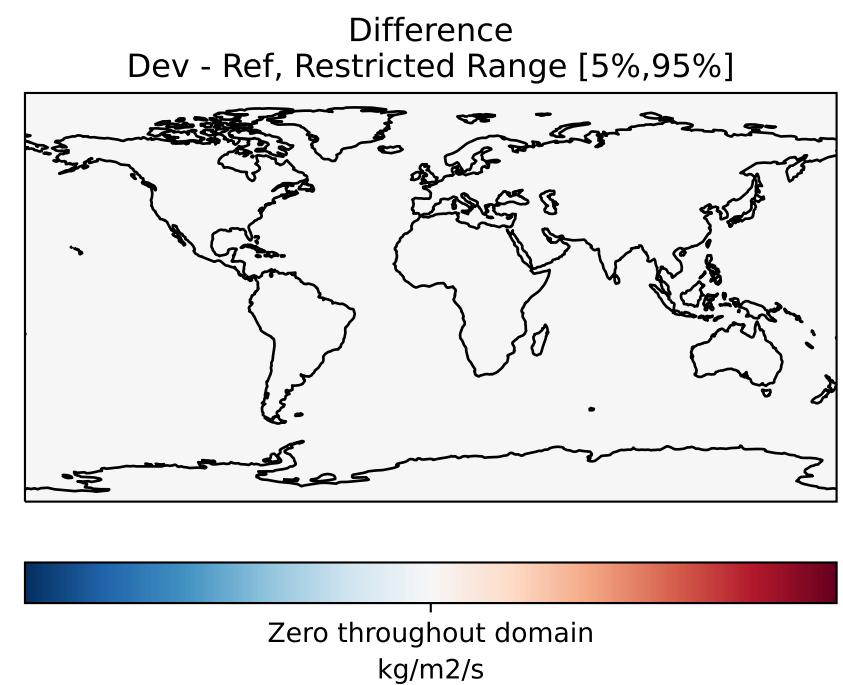
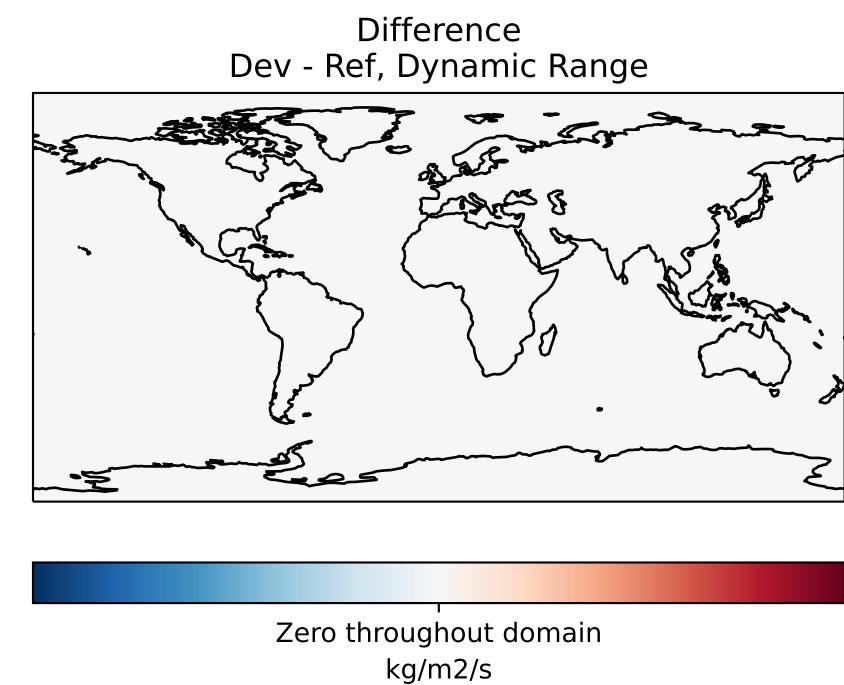
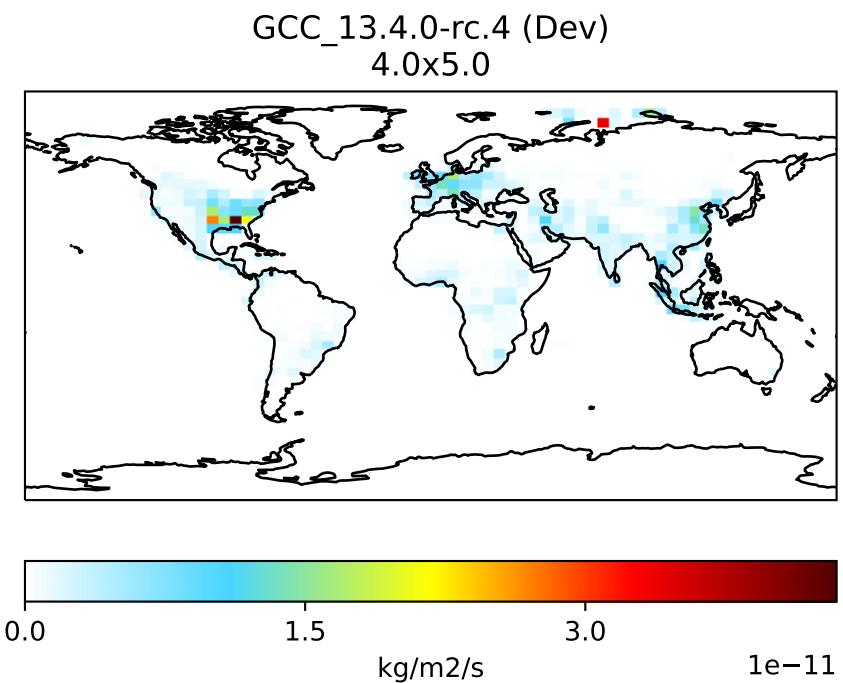
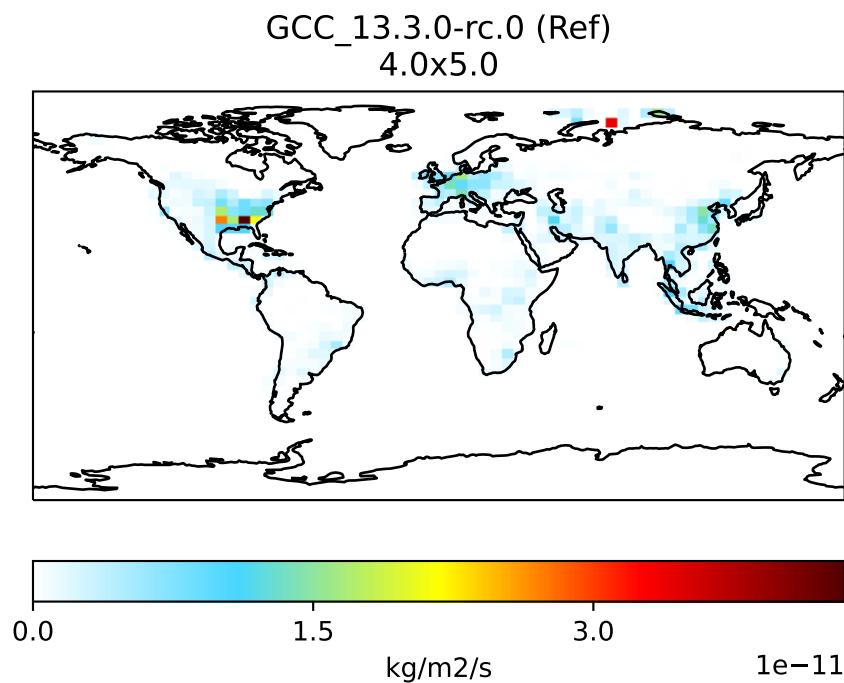
Ratio
Dev/Ref, Dynamic Range



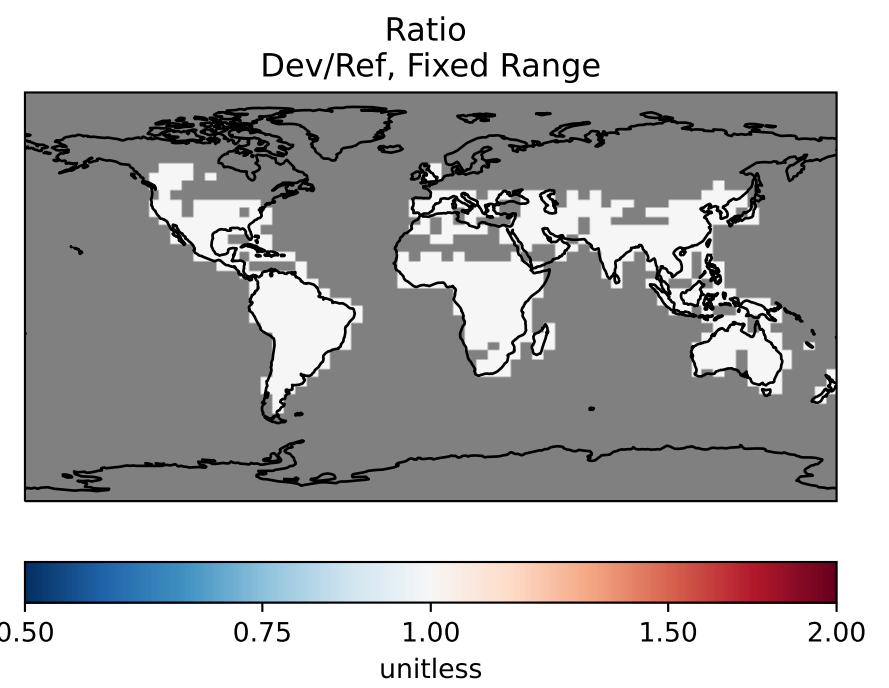
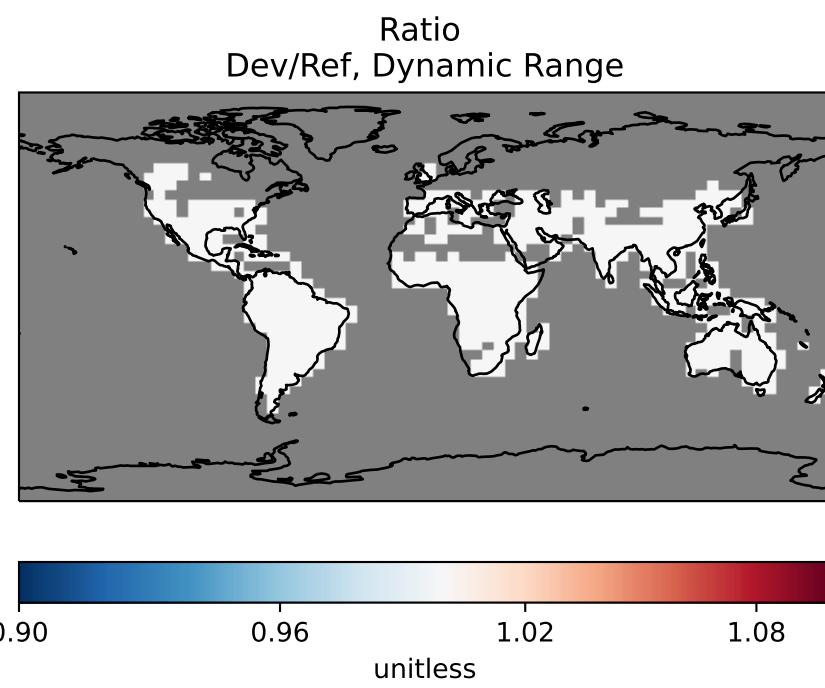
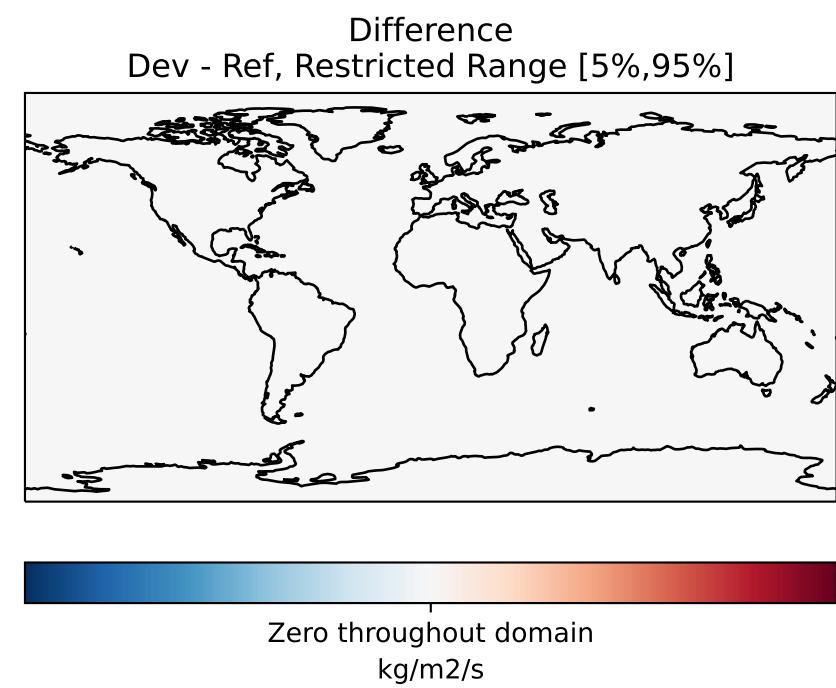
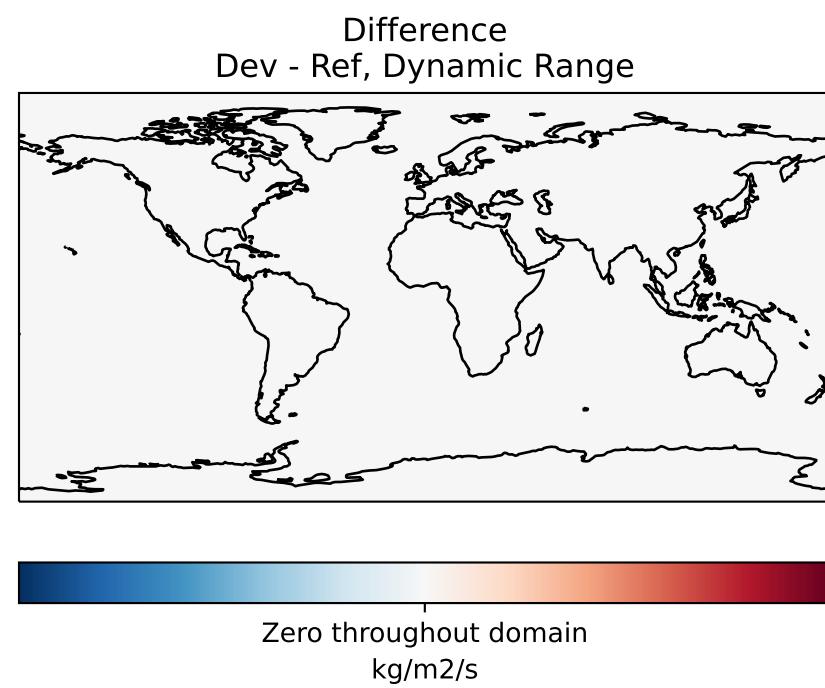
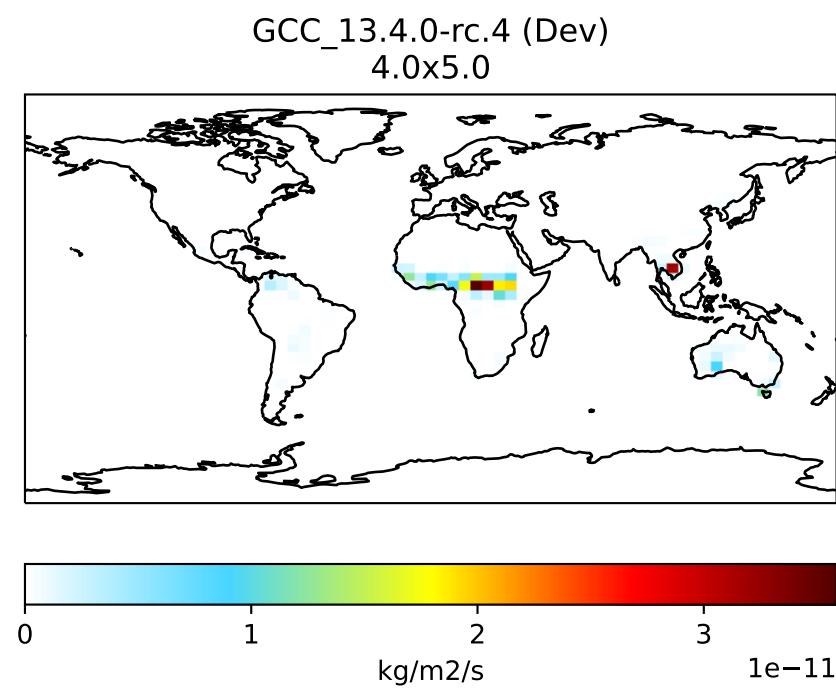
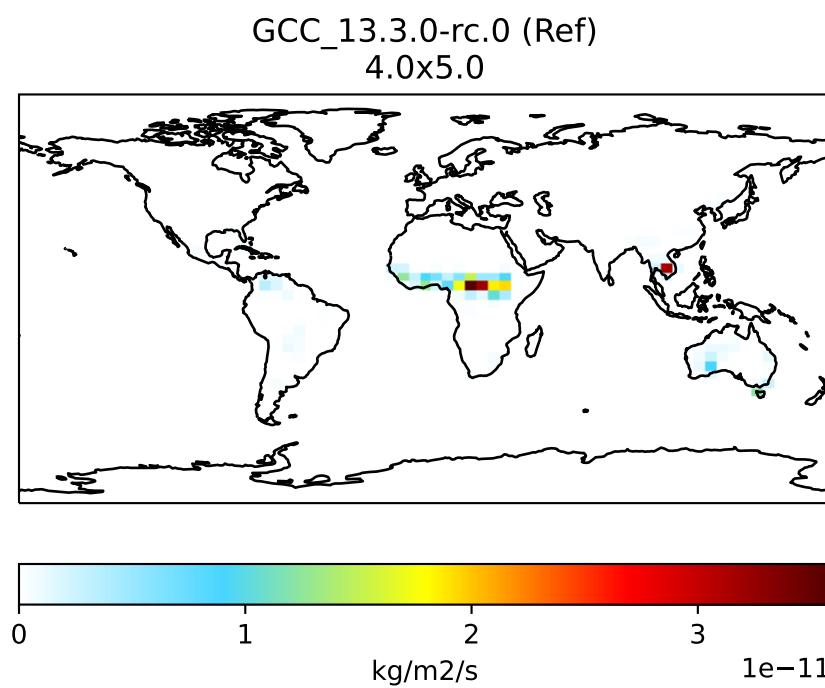
Ratio
Dev/Ref, Fixed Range



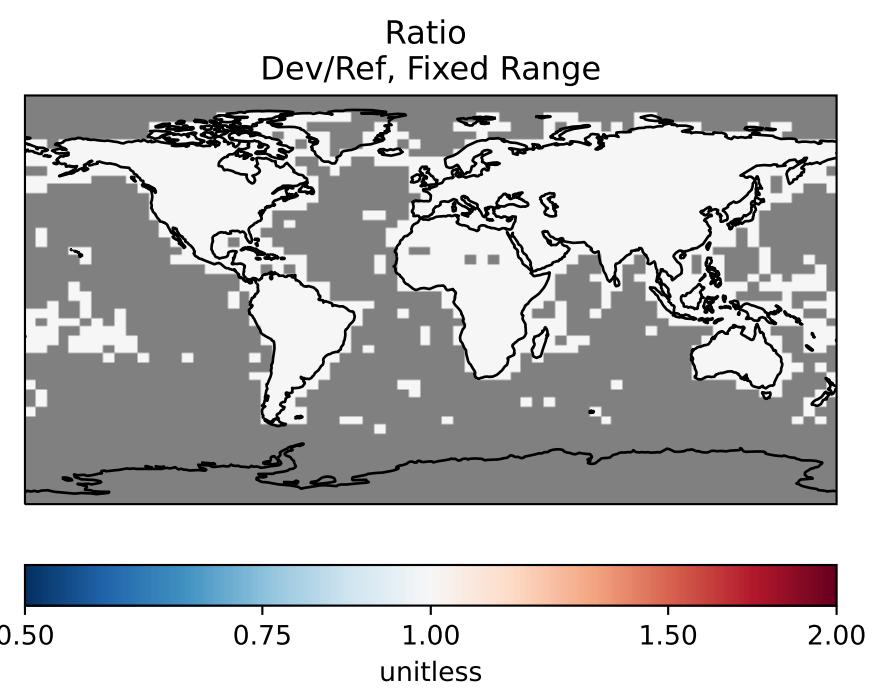
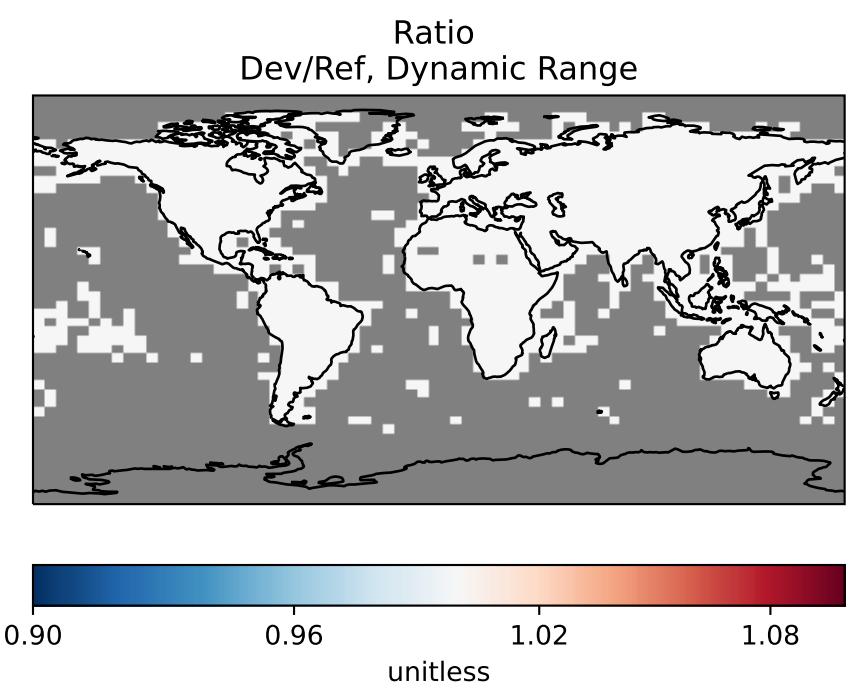
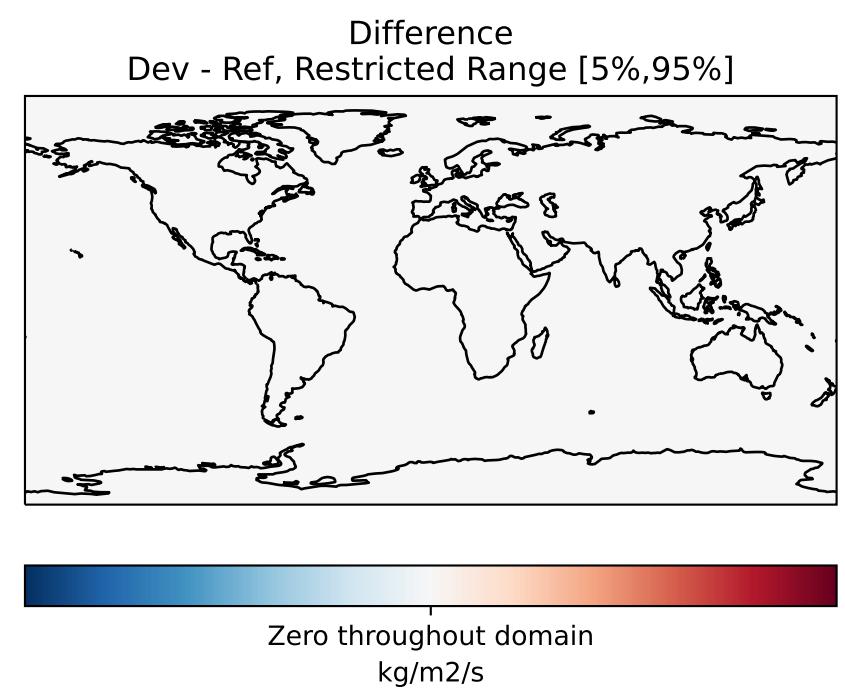
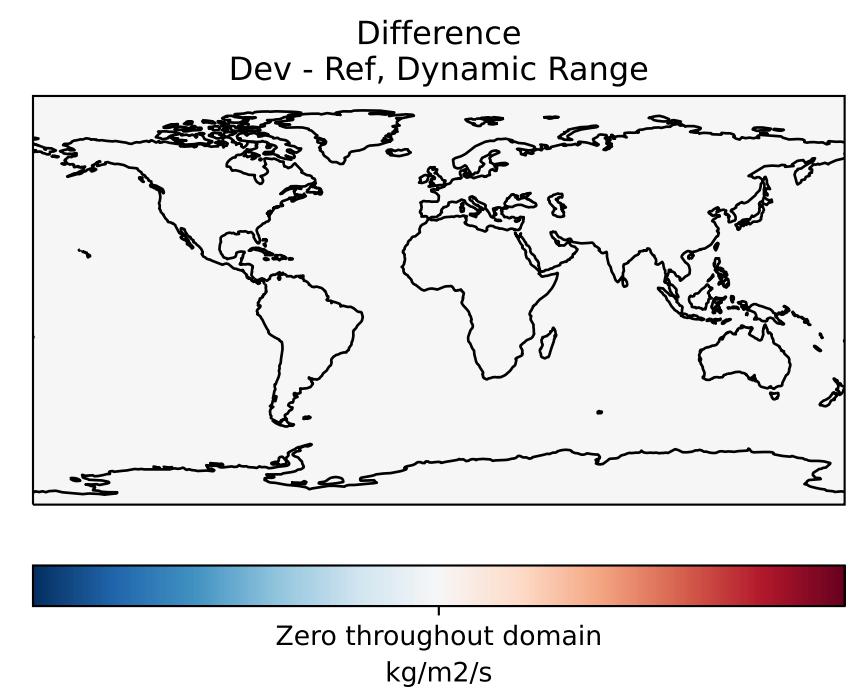
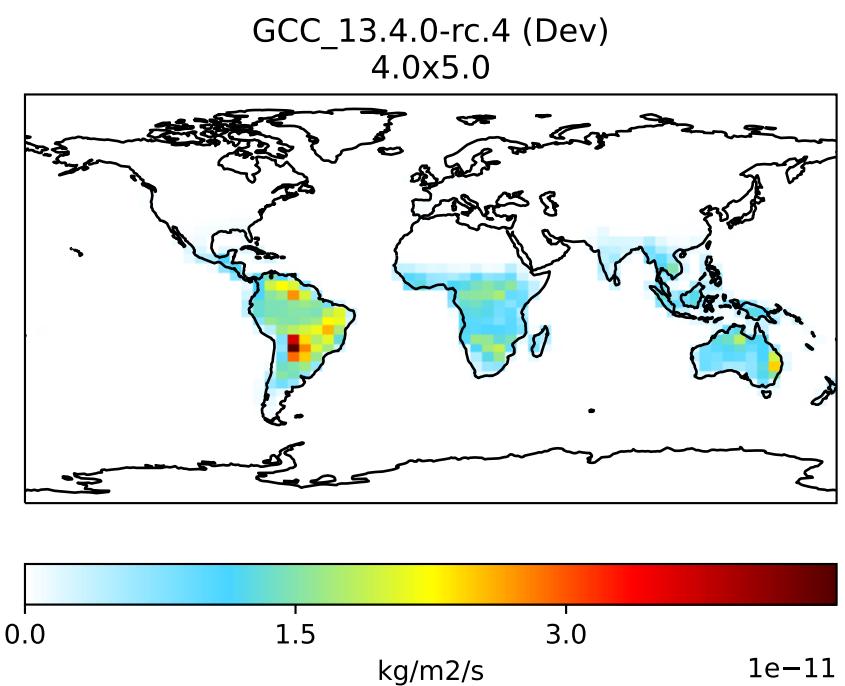
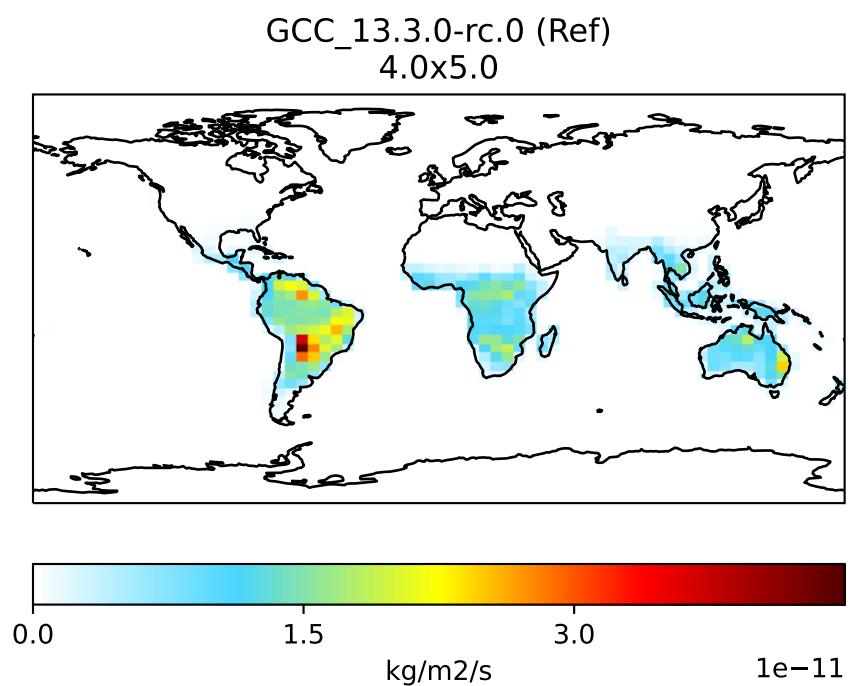
EmisC2H4_Anthro (Jan2019)



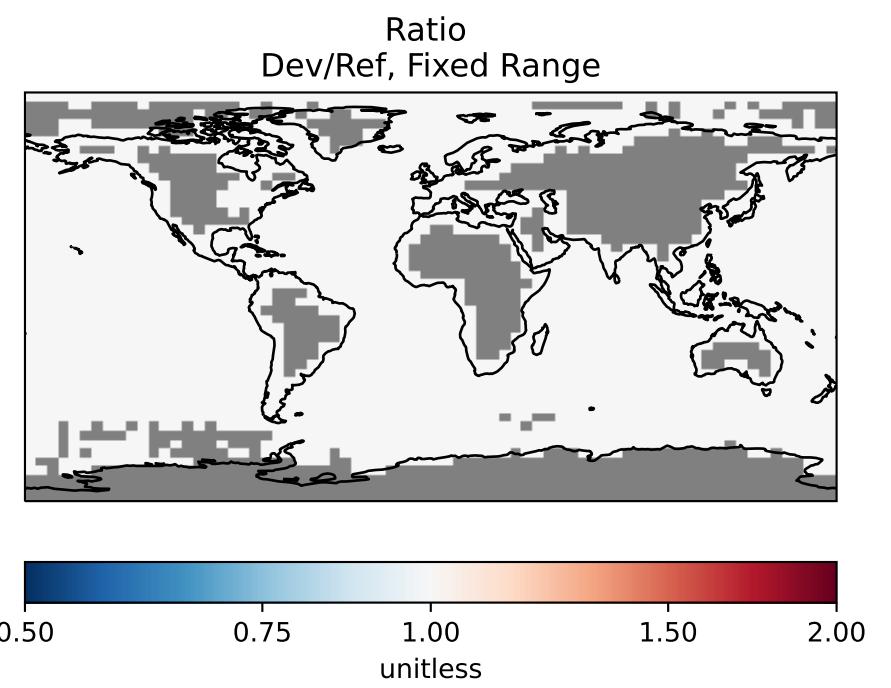
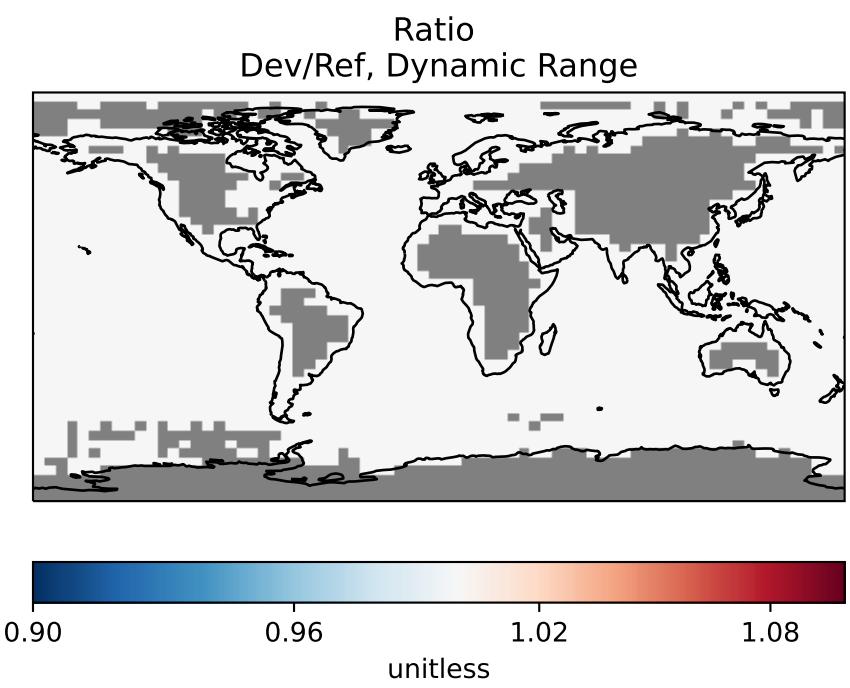
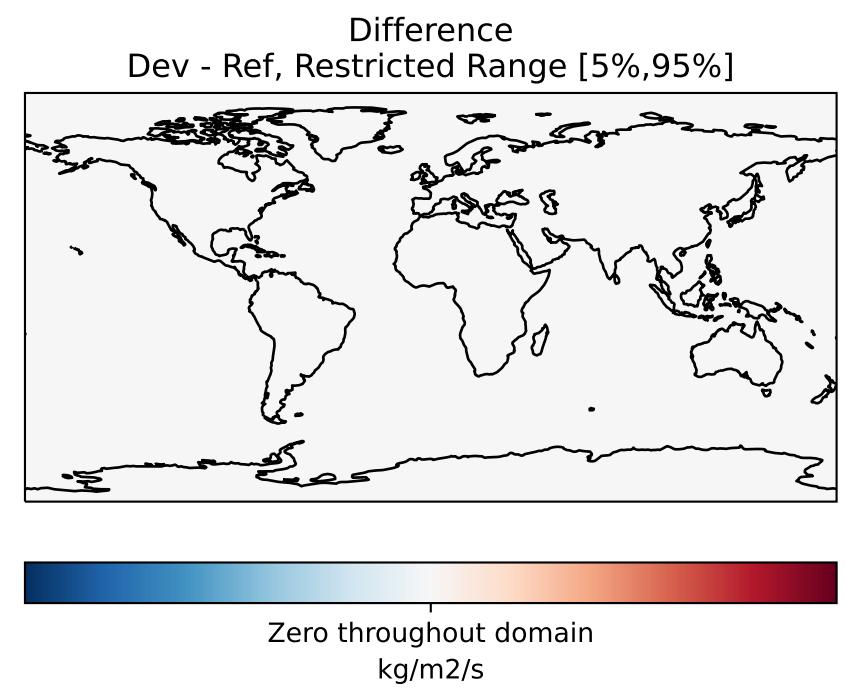
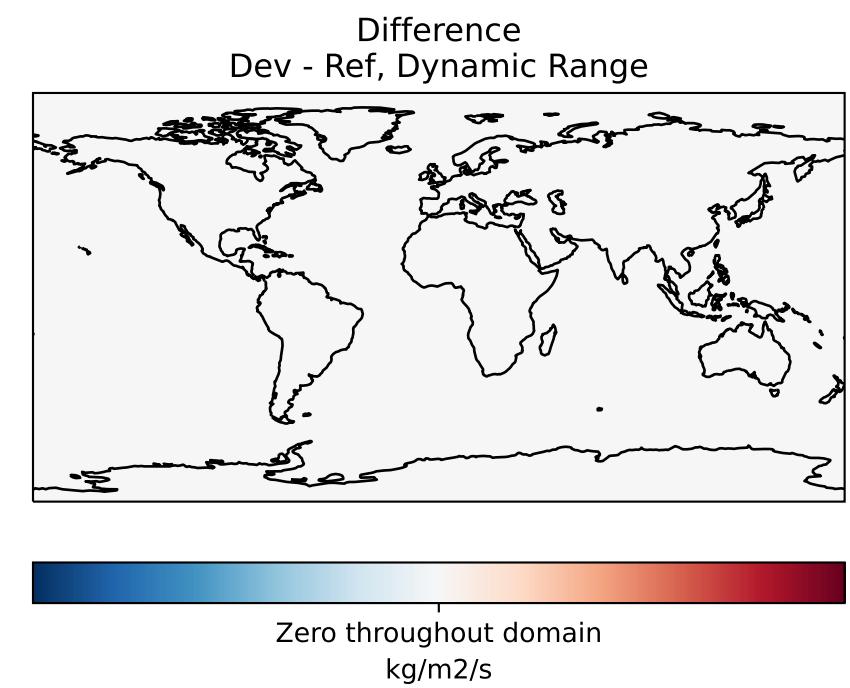
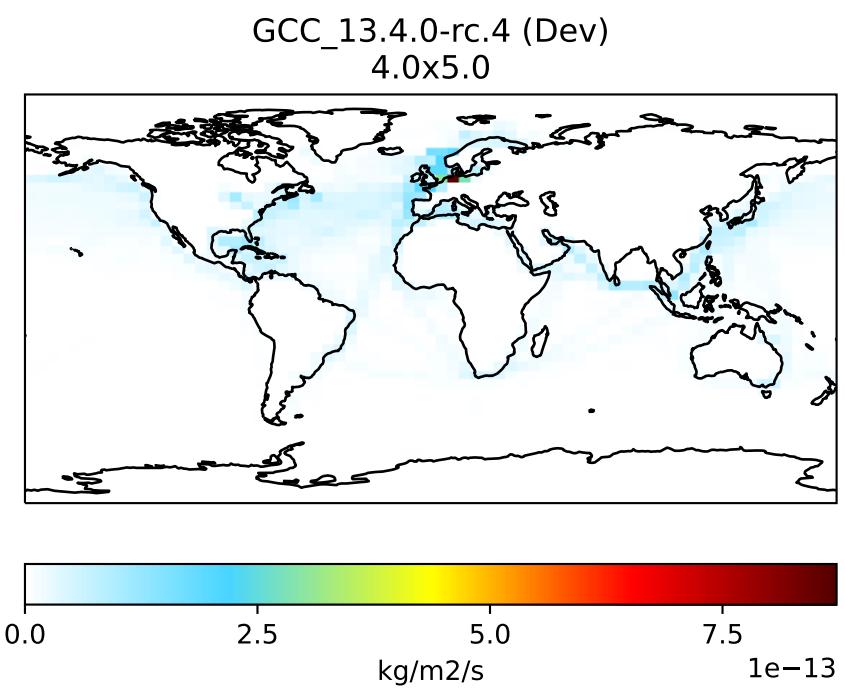
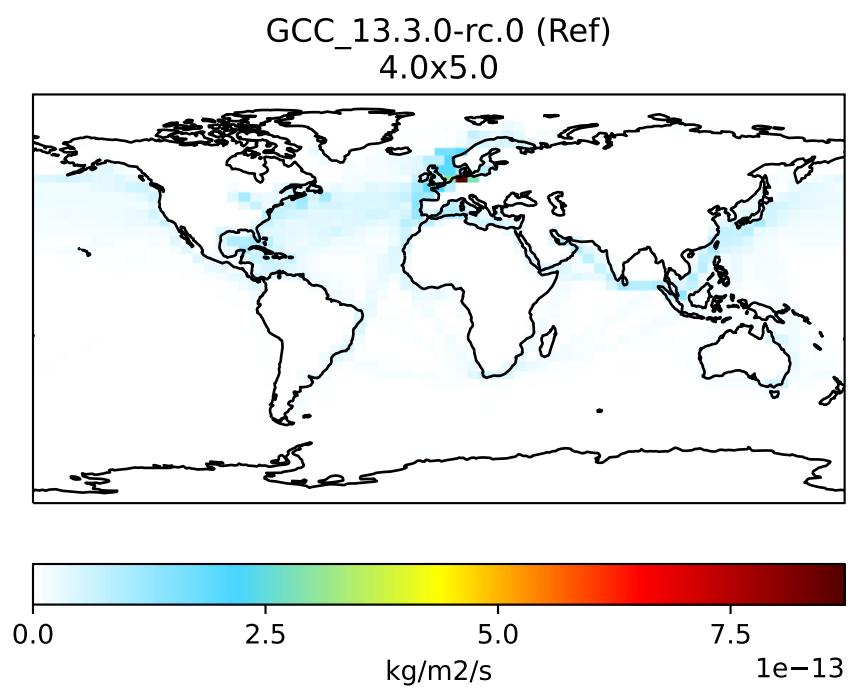
EmisC2H4_BioBurn (Jan2019)



EmisC2H4_Biogenic (Jan2019)

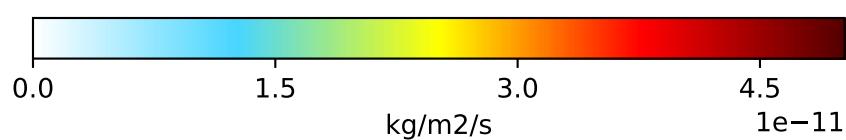
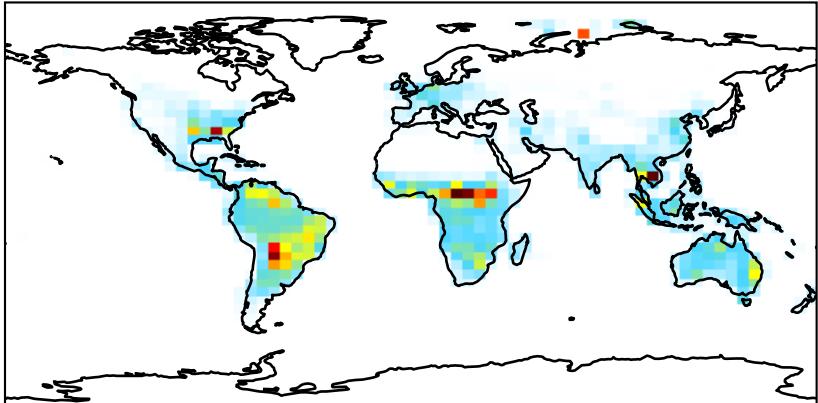


EmisC2H4_Ship (Jan2019)

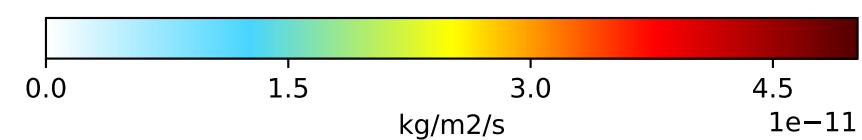
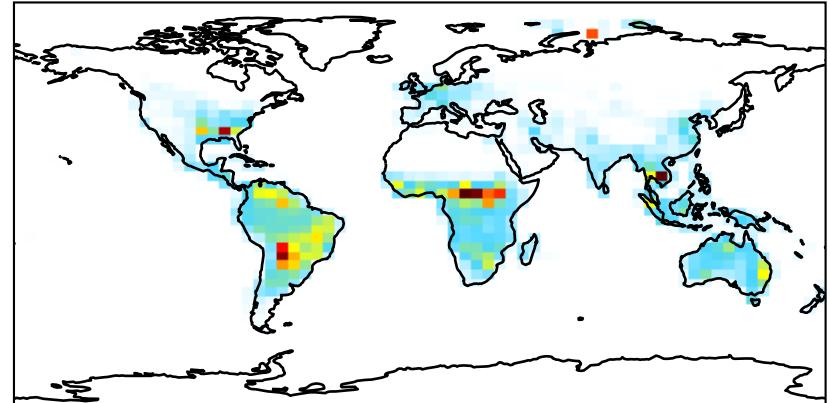


EmisC2H4_Total (Jan2019)

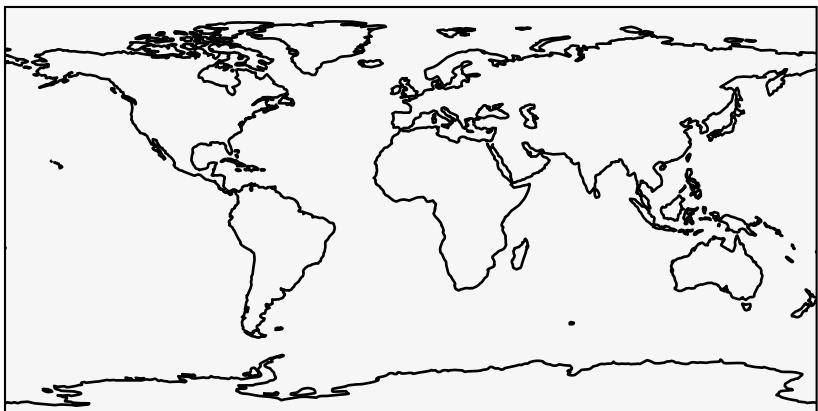
GCC_13.3.0-rc.0 (Ref)
4.0x5.0



GCC_13.4.0-rc.4 (Dev)
4.0x5.0

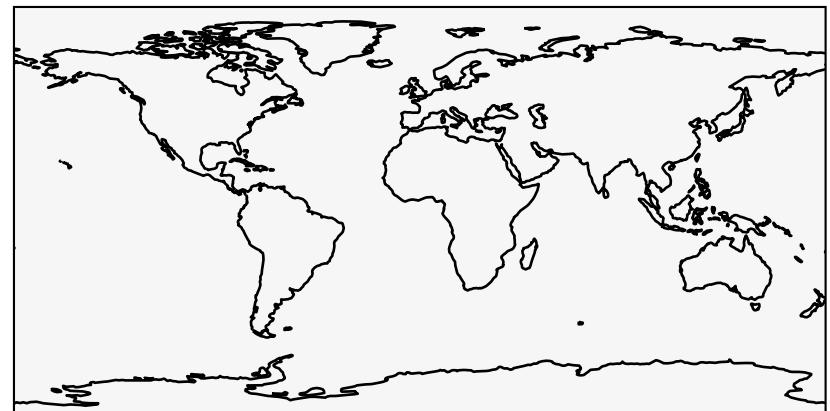


Difference
Dev - Ref, Dynamic Range



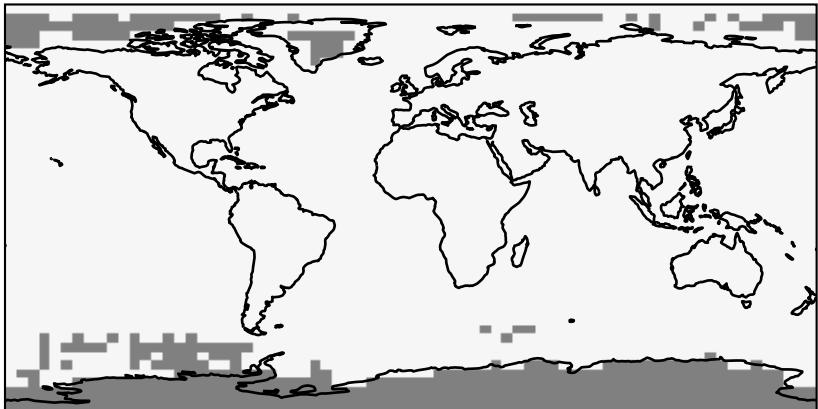
Zero throughout domain
kg/m²/s

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

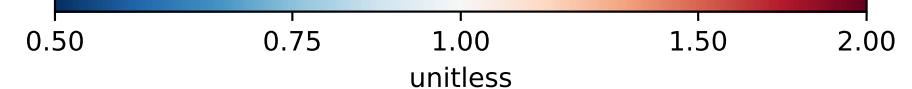
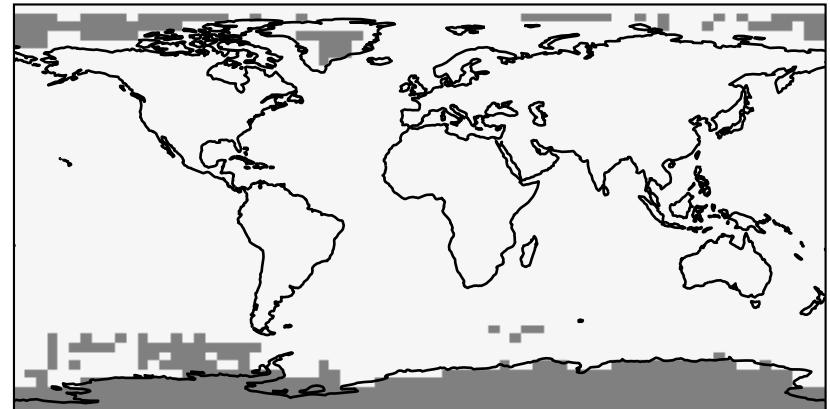


Zero throughout domain
kg/m²/s

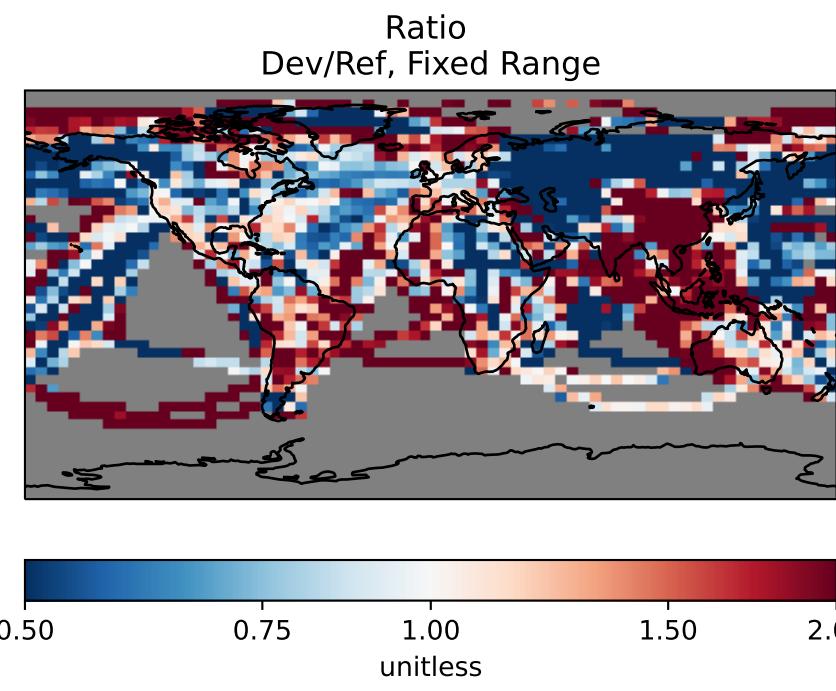
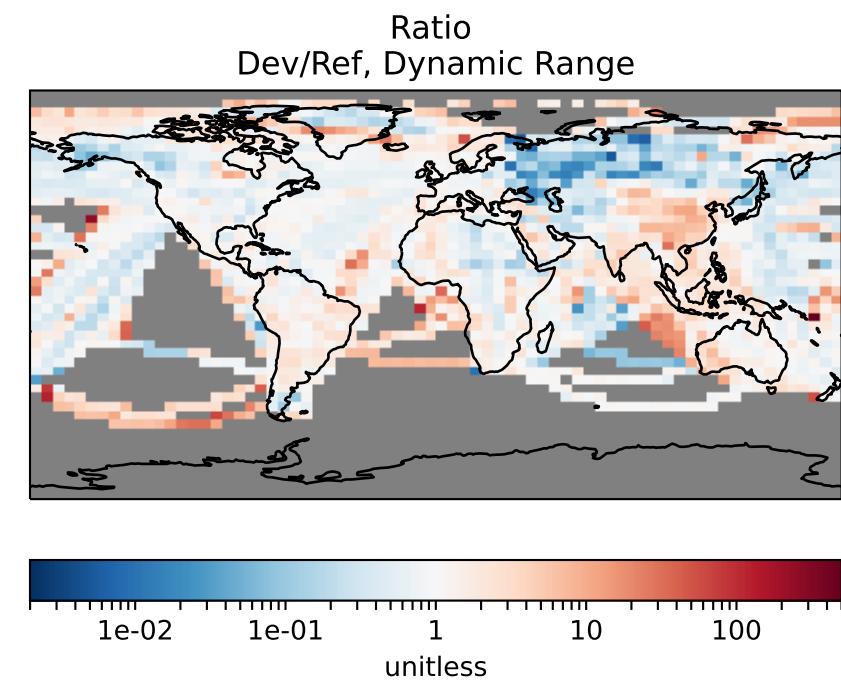
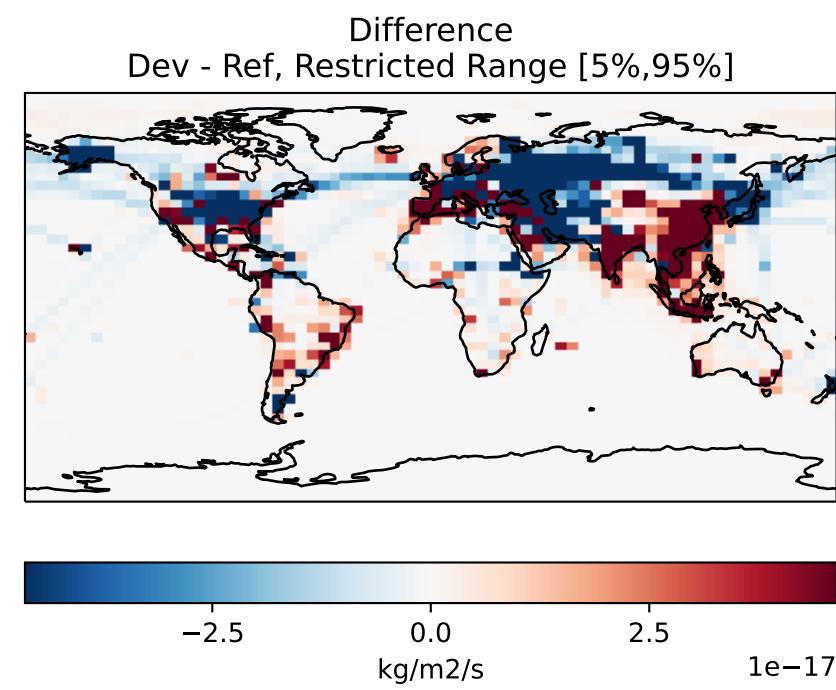
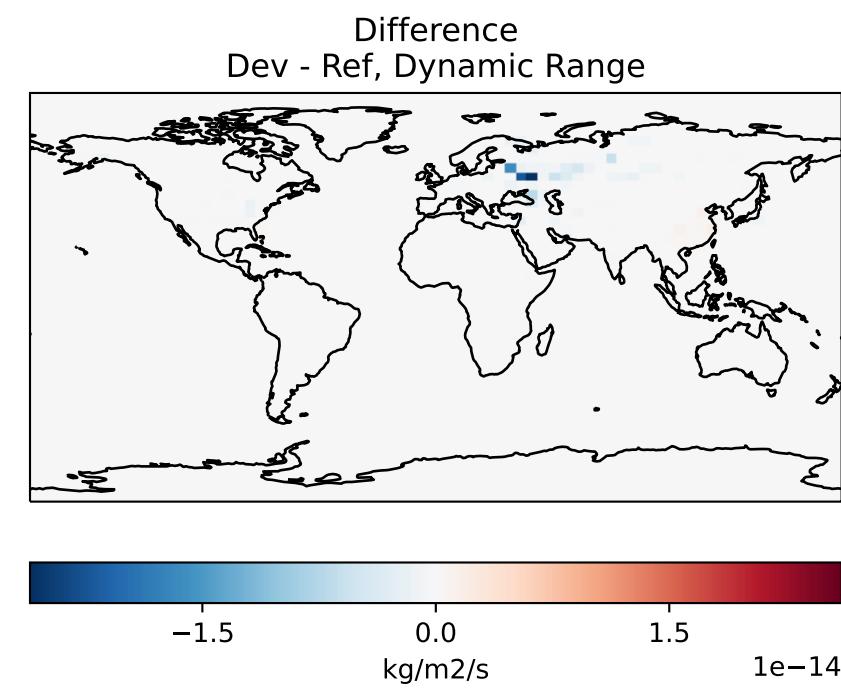
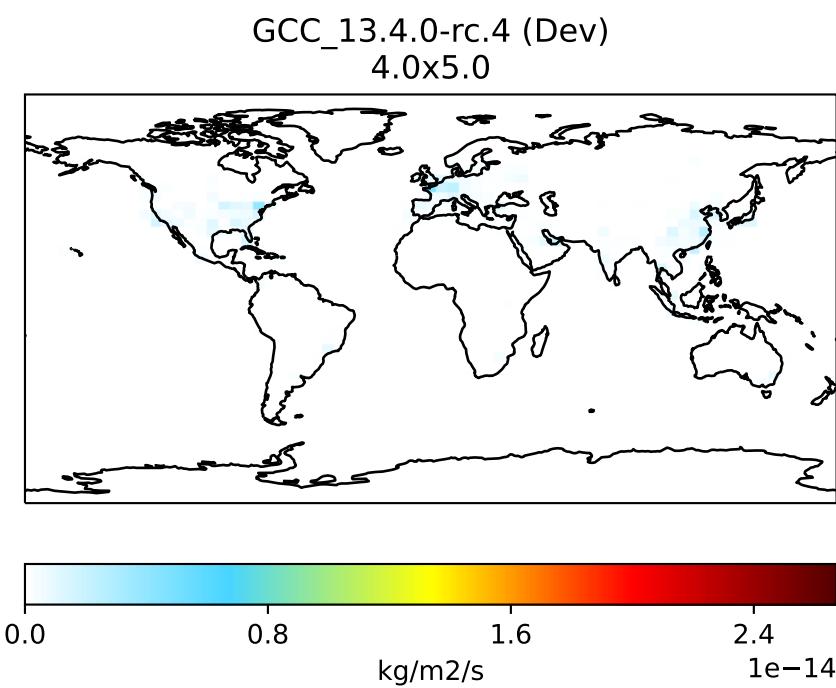
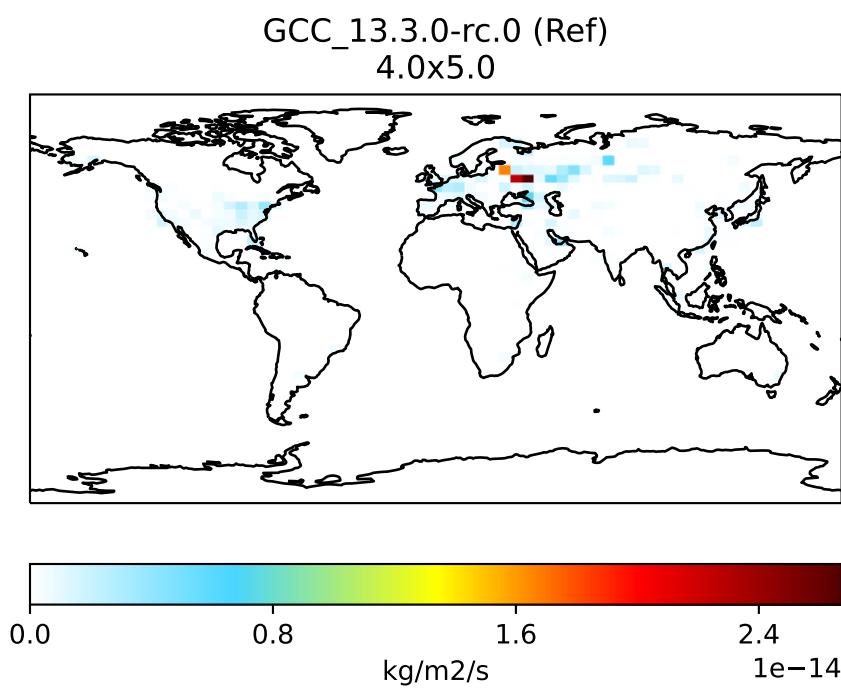
Ratio
Dev/Ref, Dynamic Range



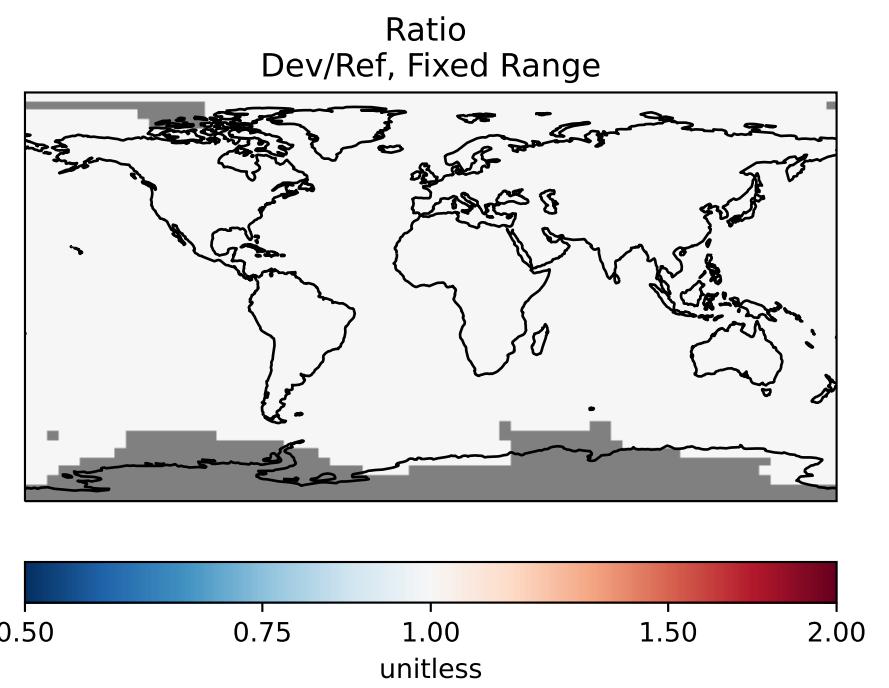
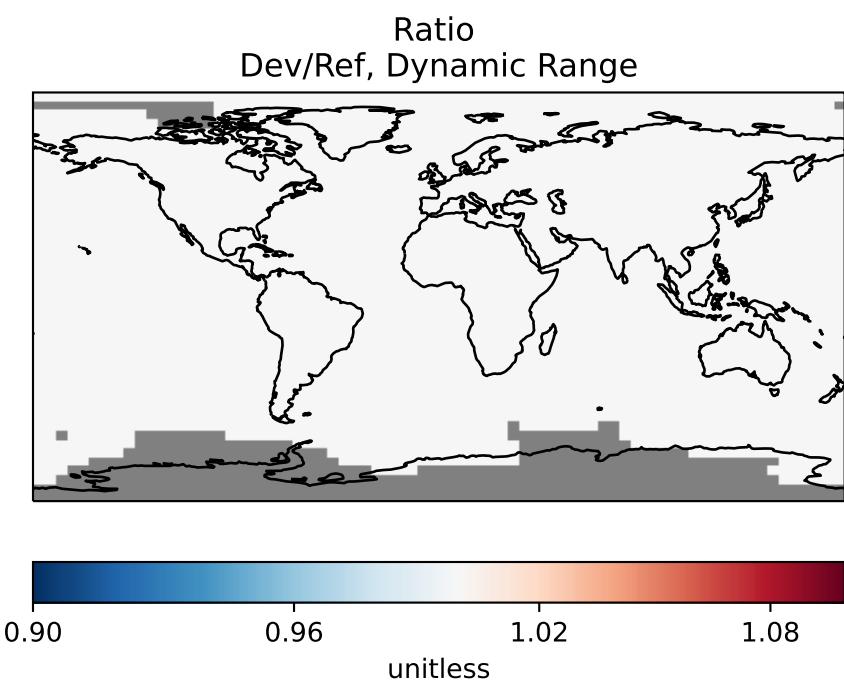
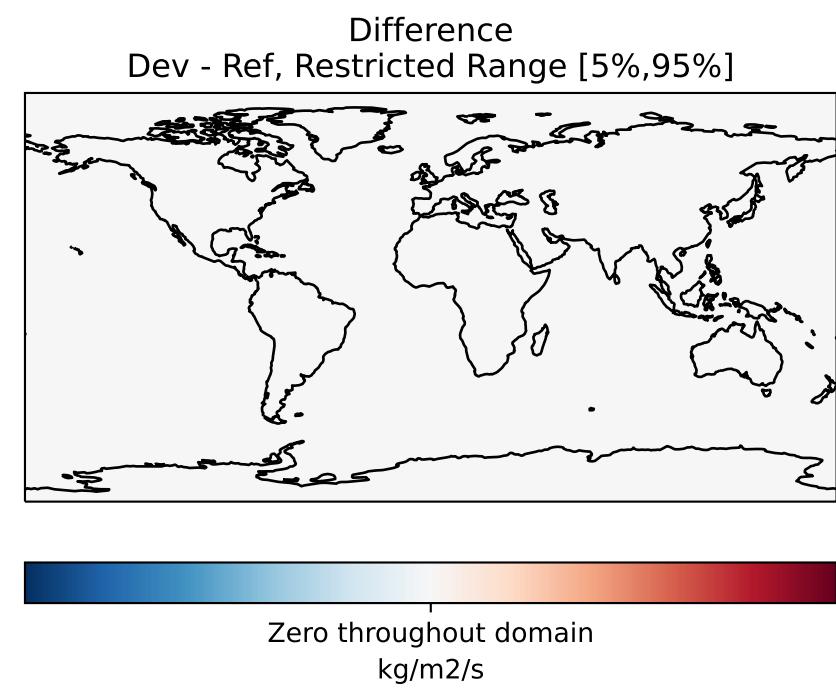
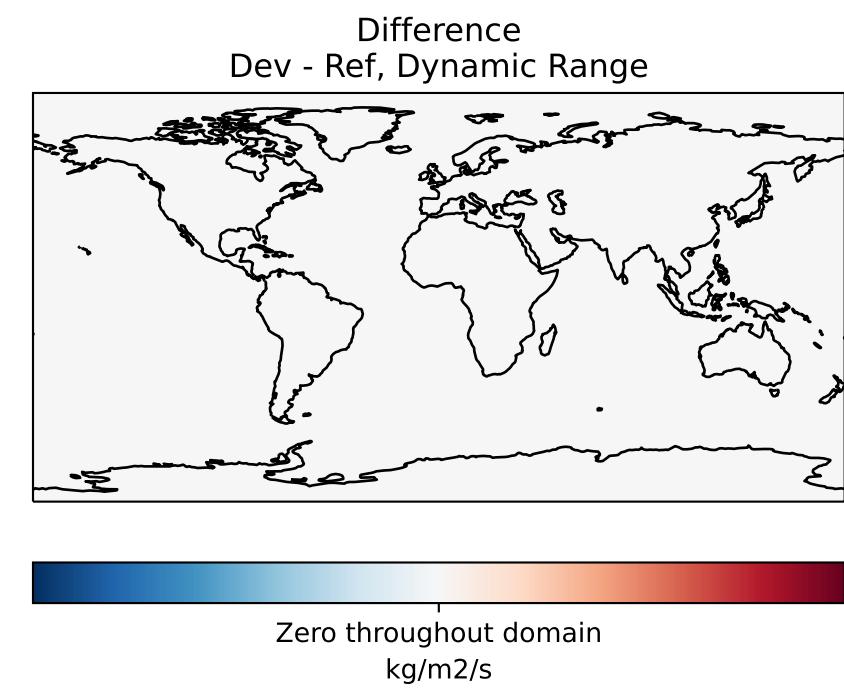
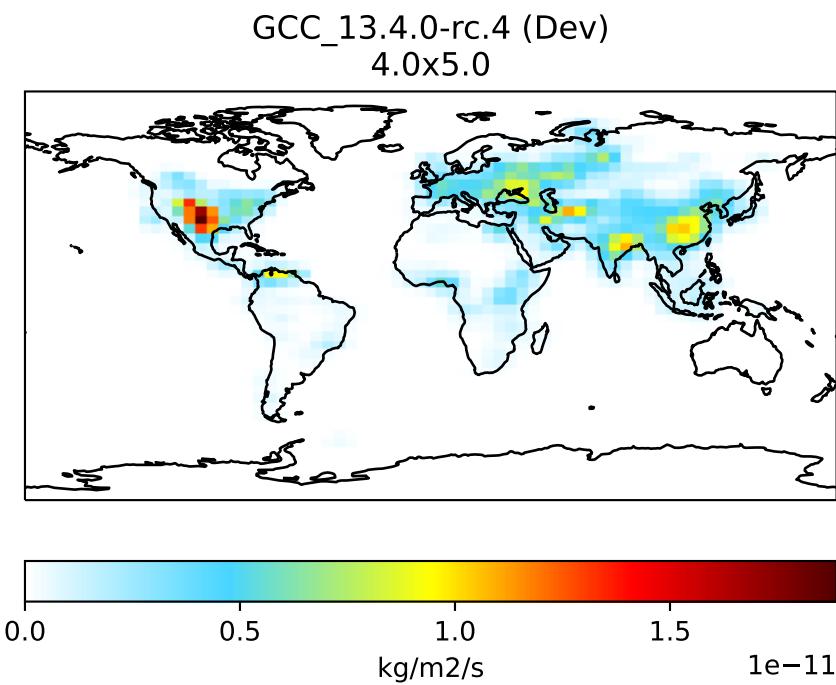
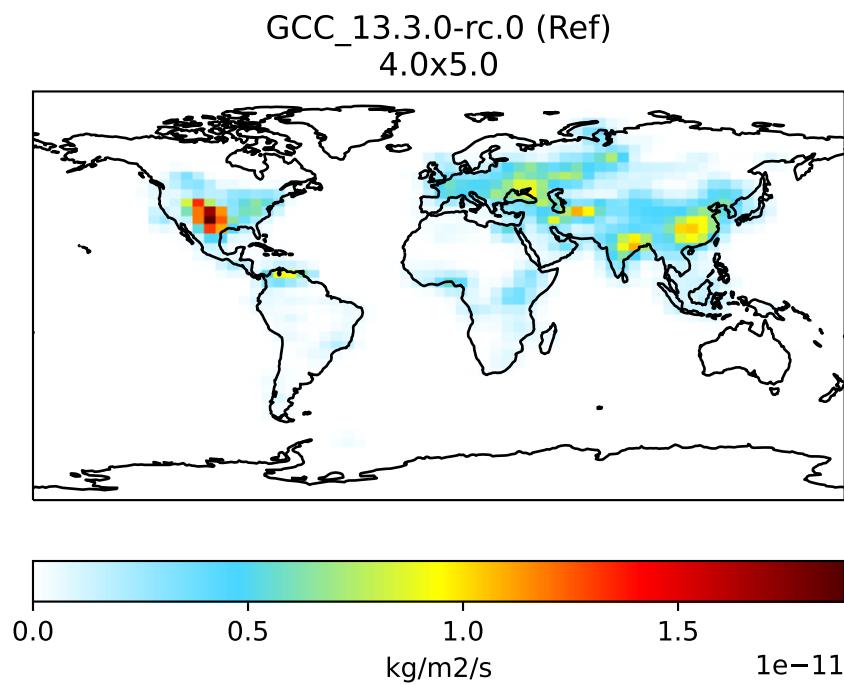
Ratio
Dev/Ref, Fixed Range



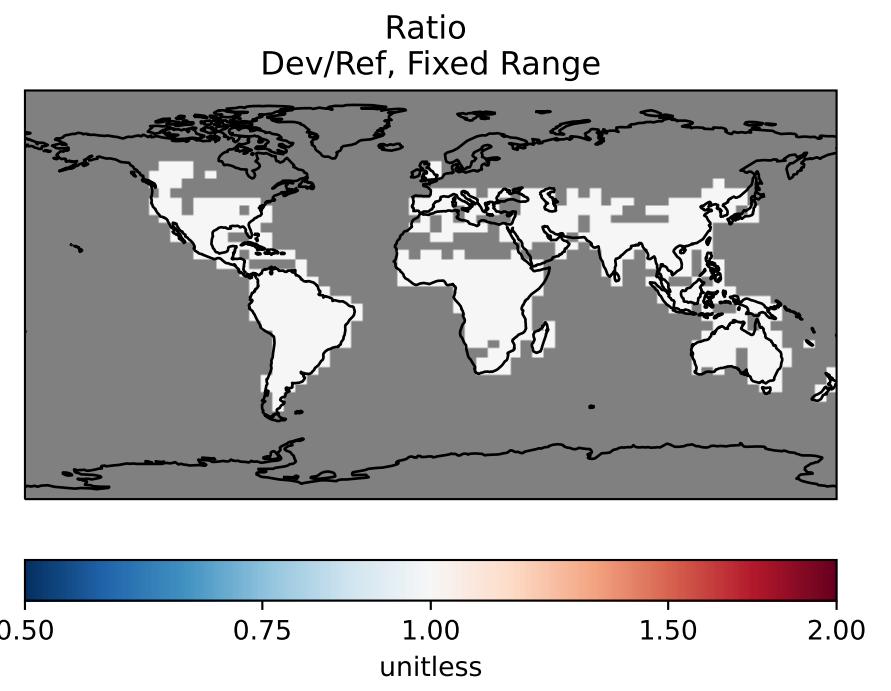
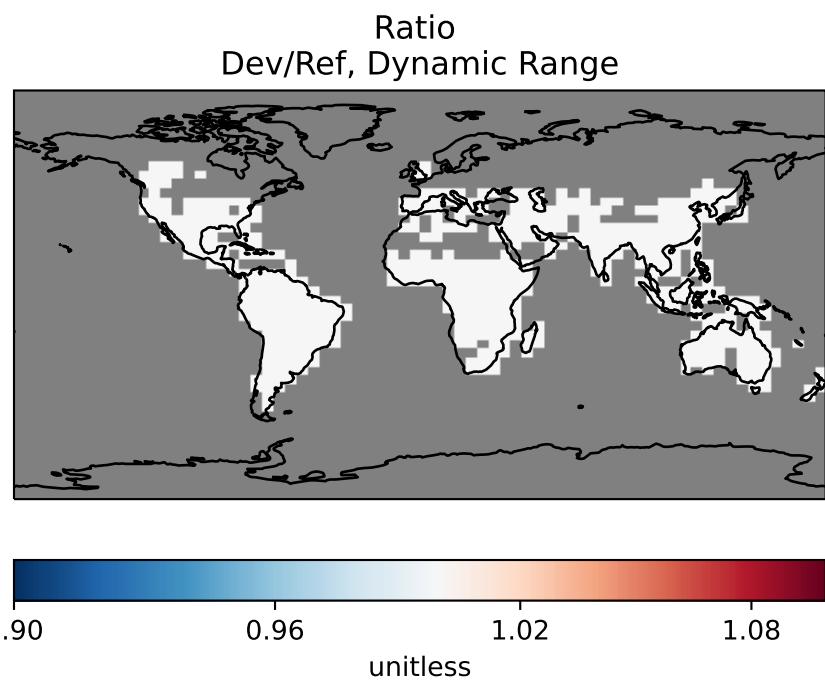
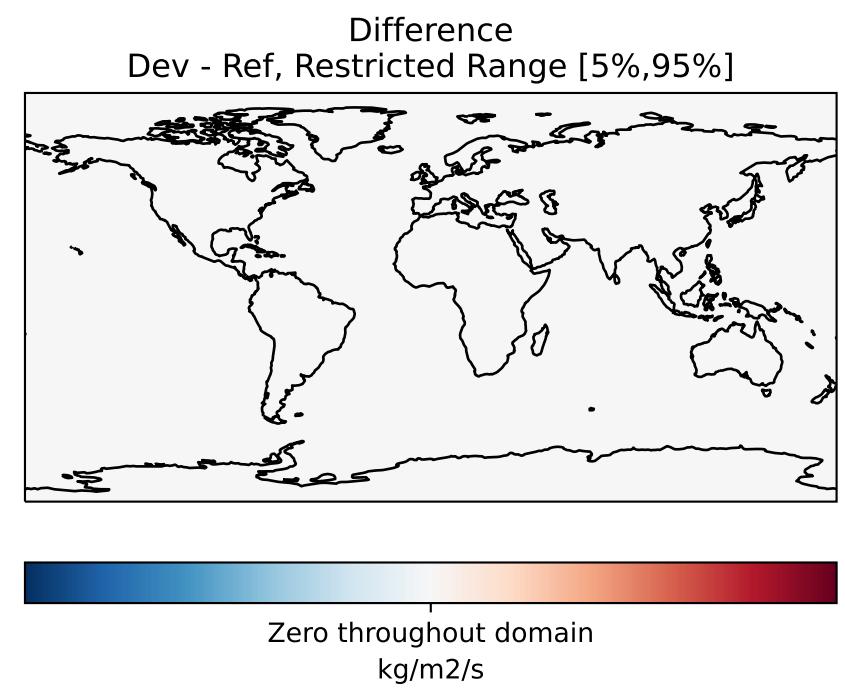
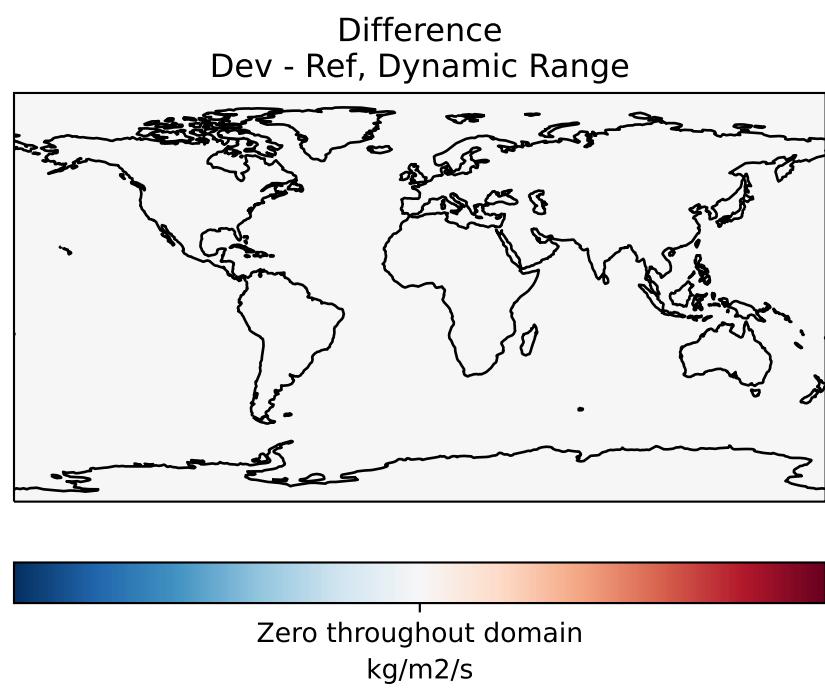
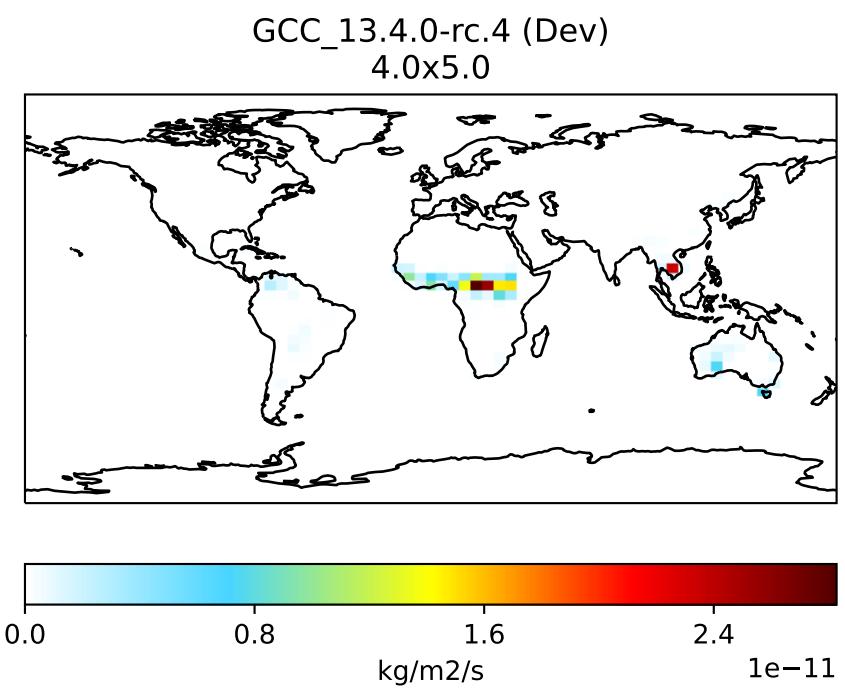
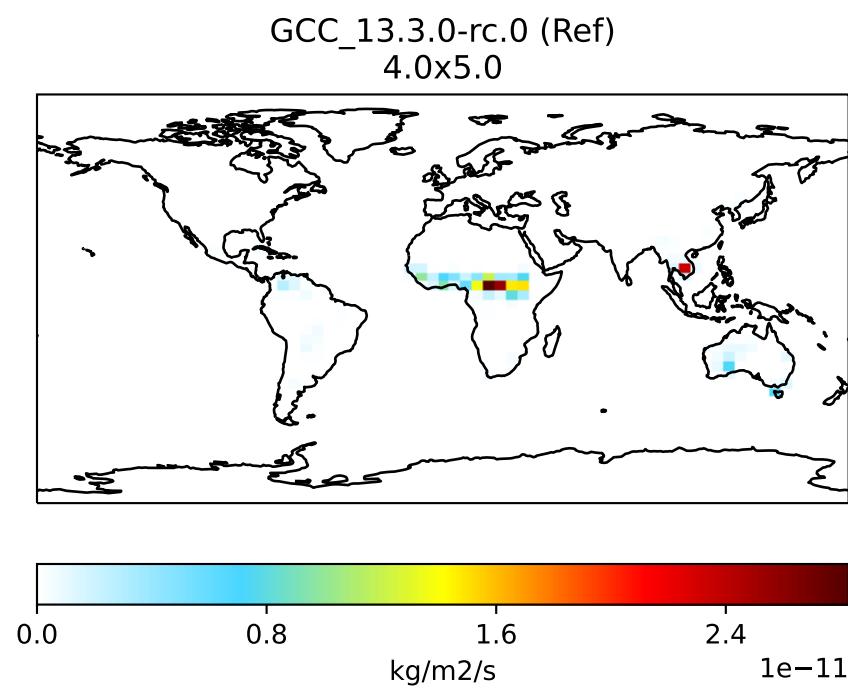
EmisC2H6_Aircraft (Jan2019)



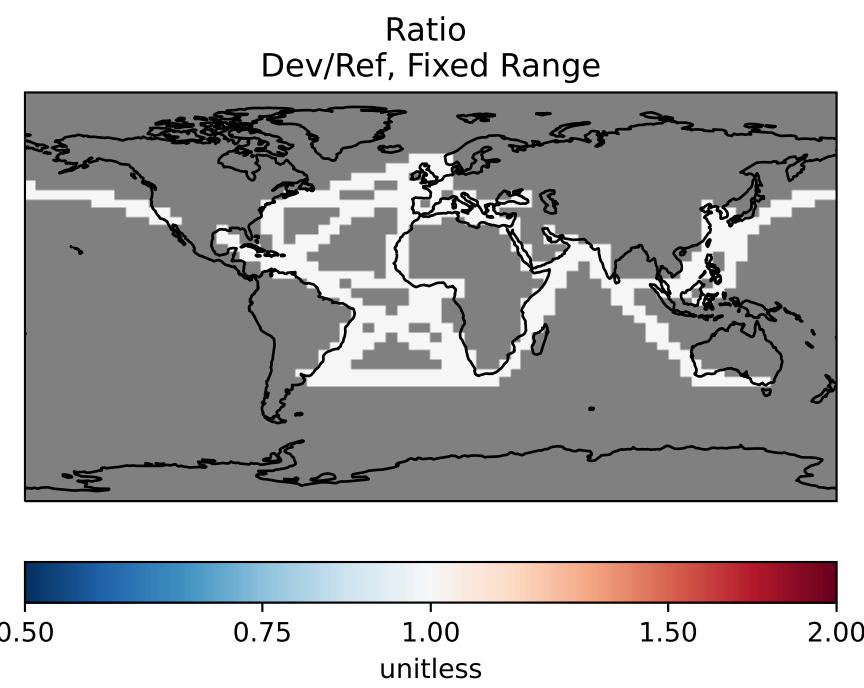
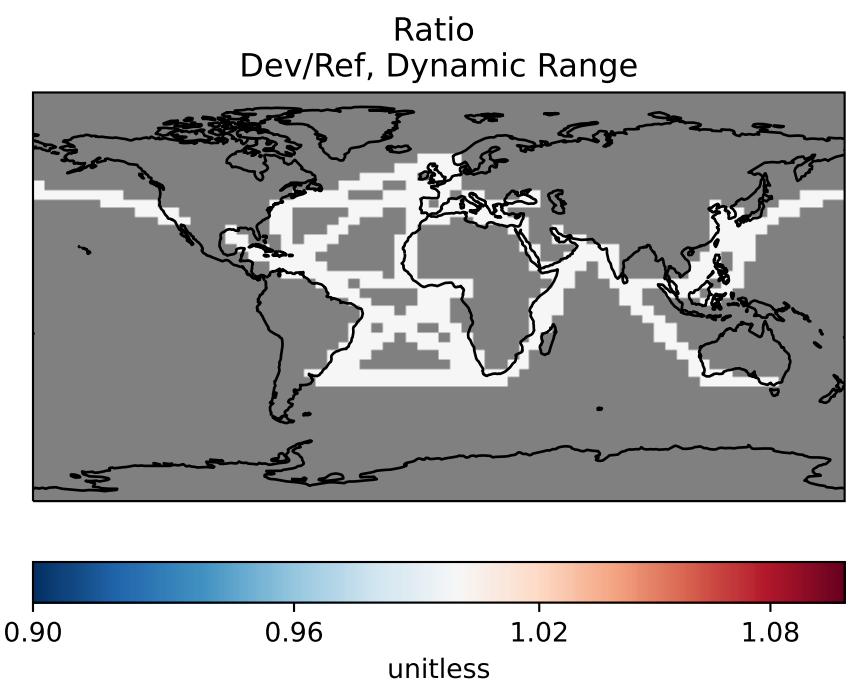
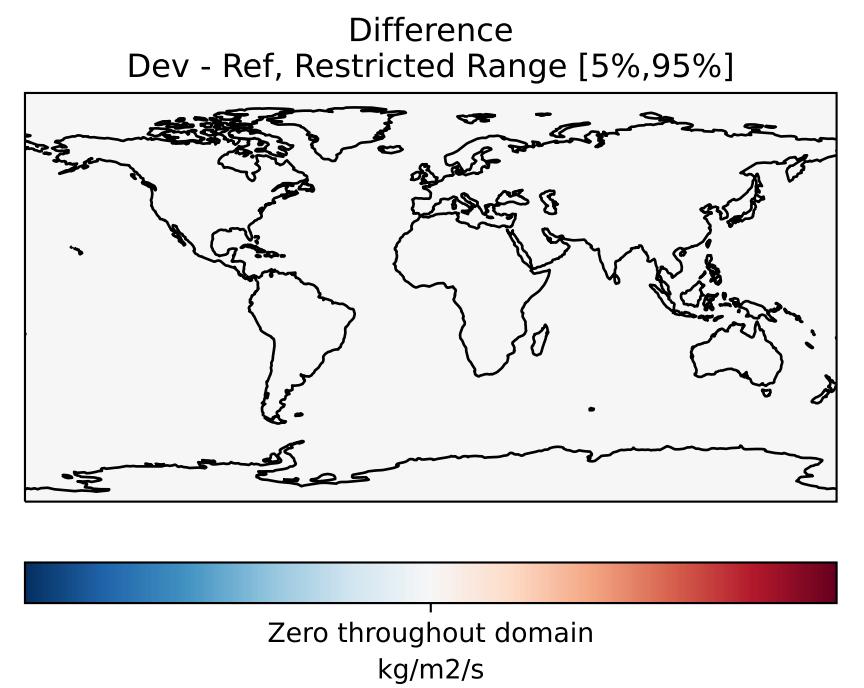
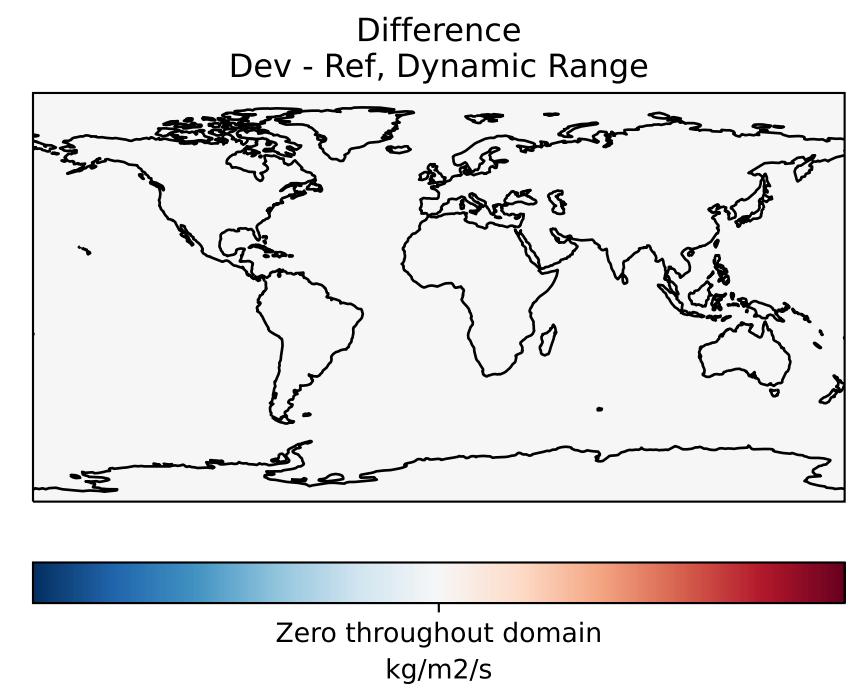
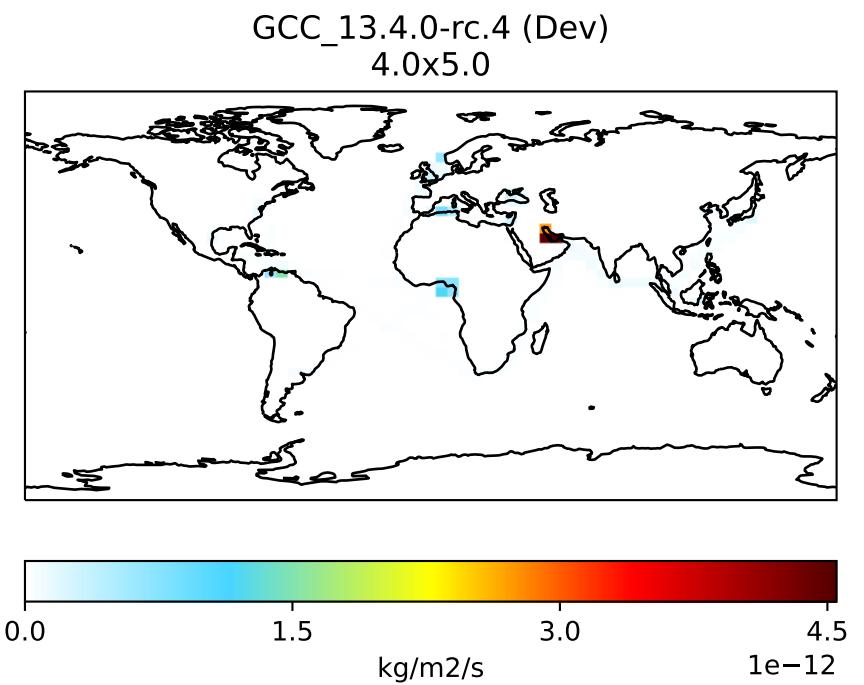
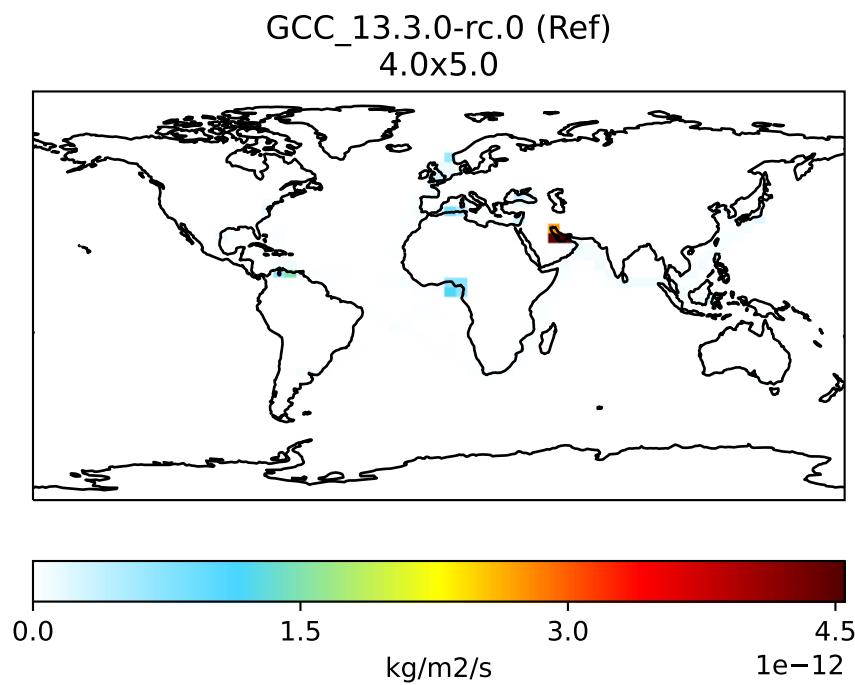
EmisC2H6_Anthro (Jan2019)



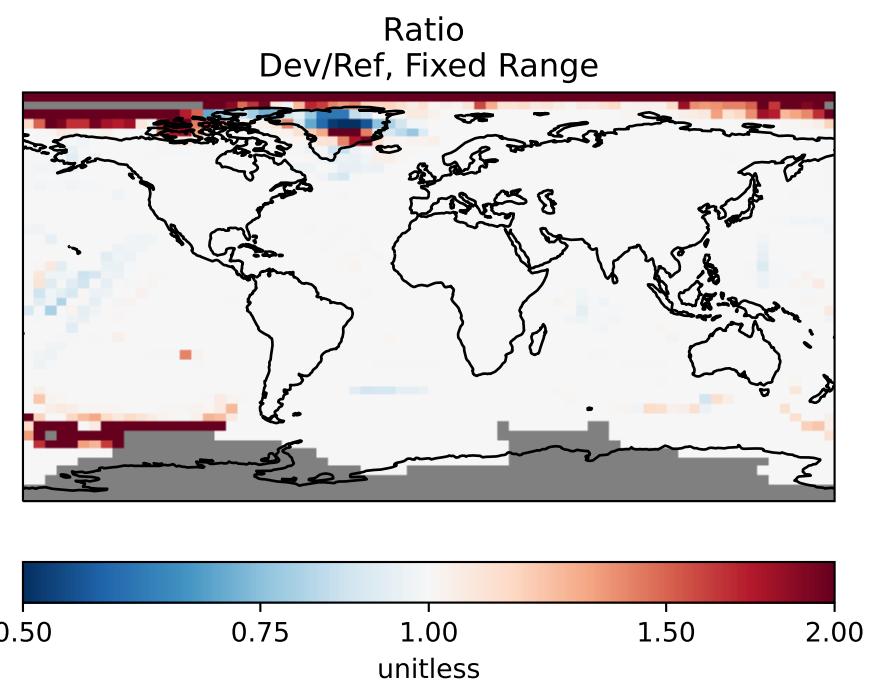
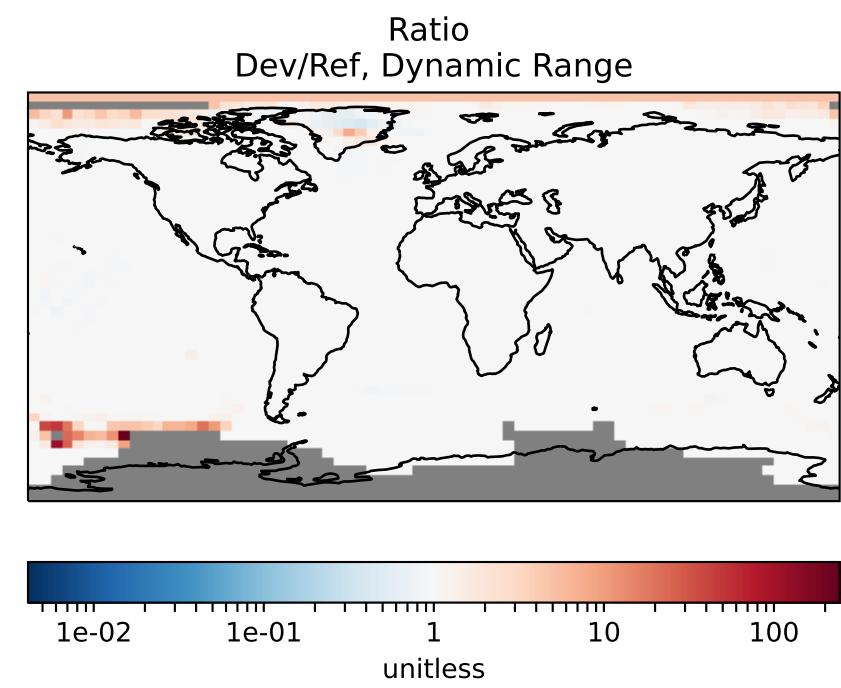
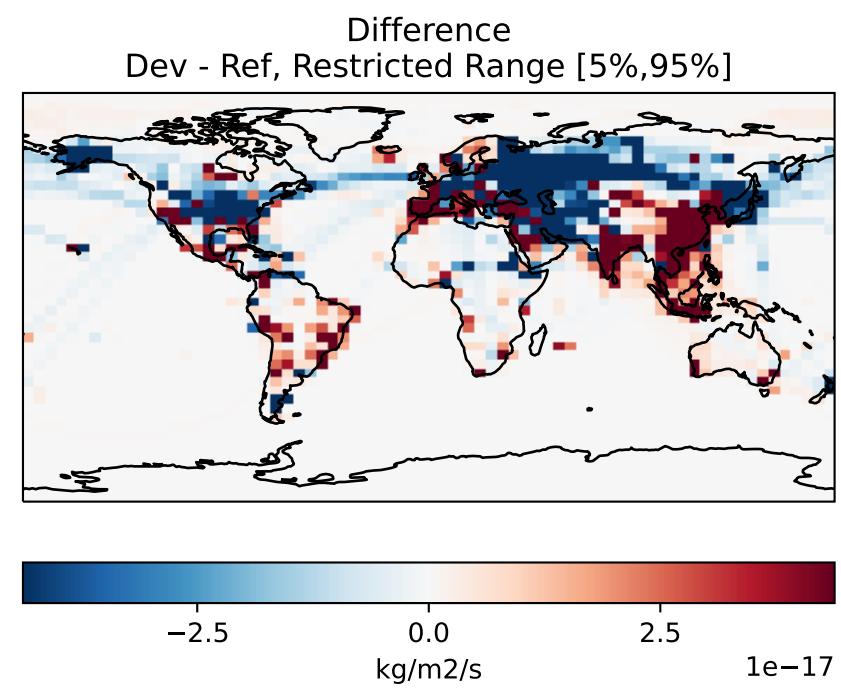
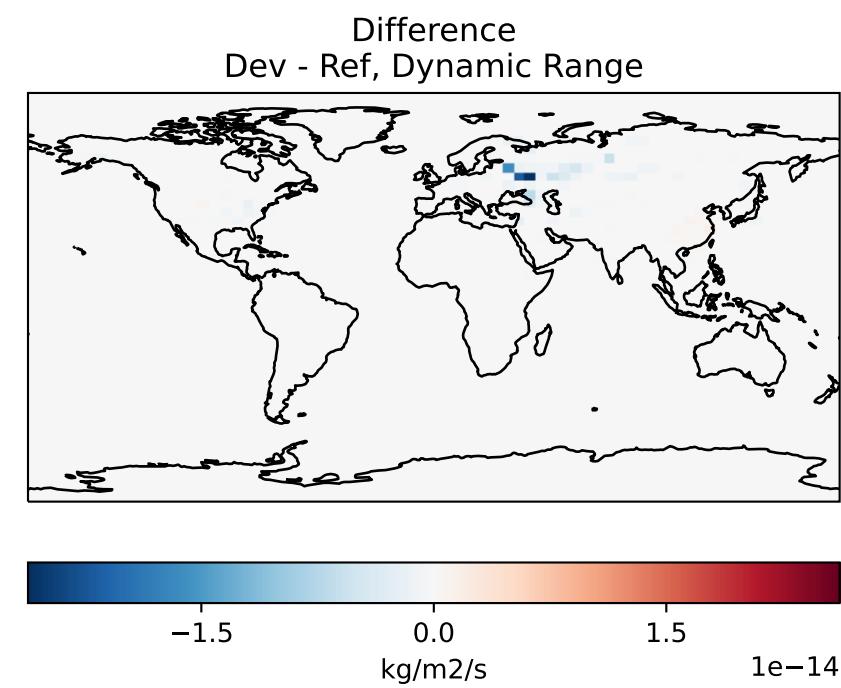
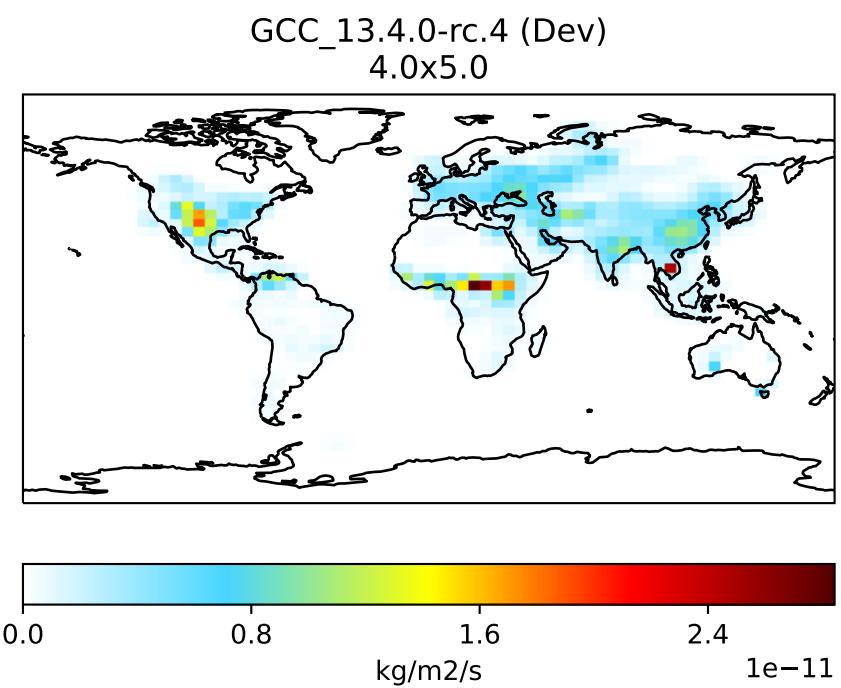
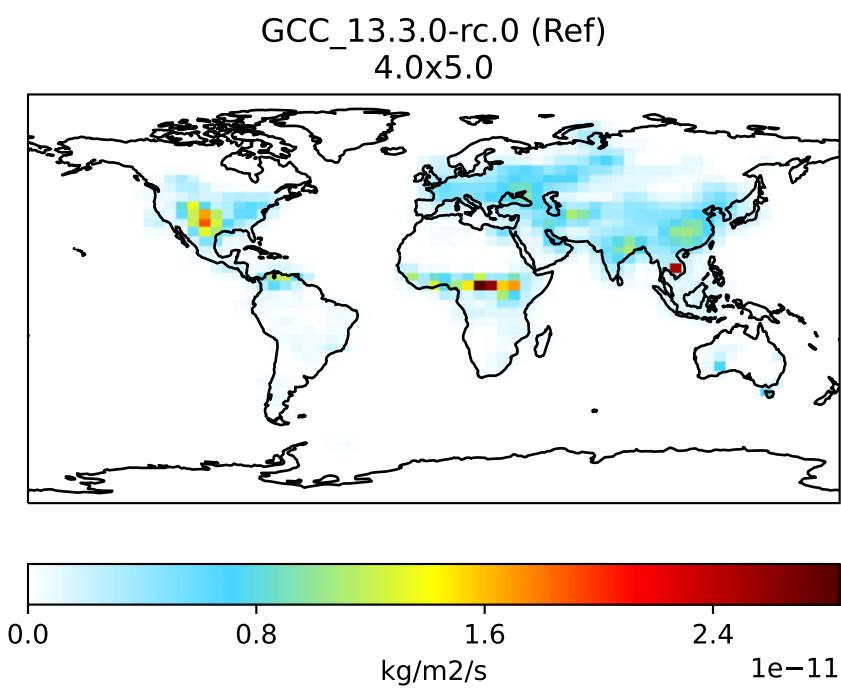
EmisC2H6_BioBurn (Jan2019)



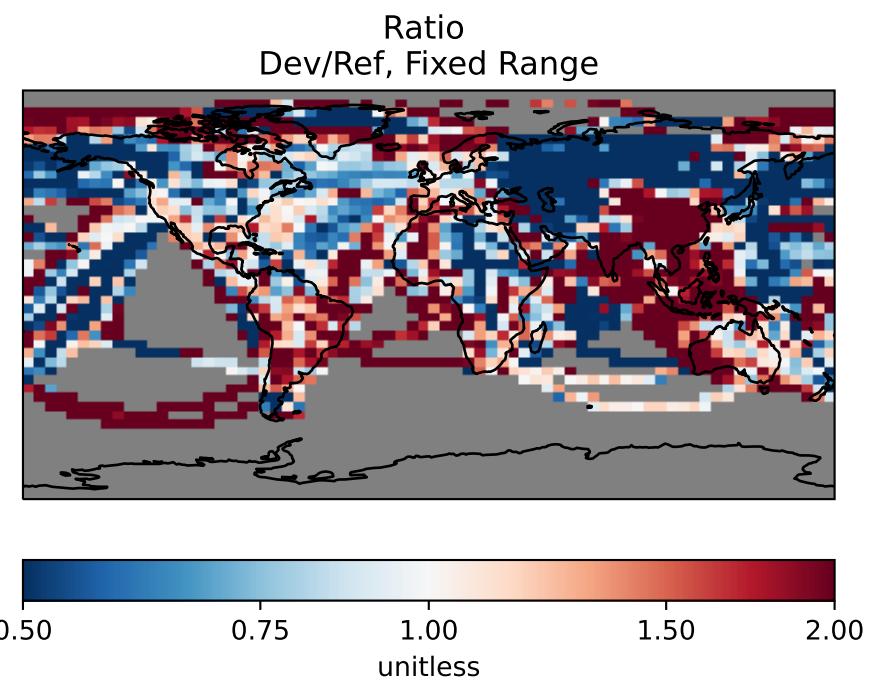
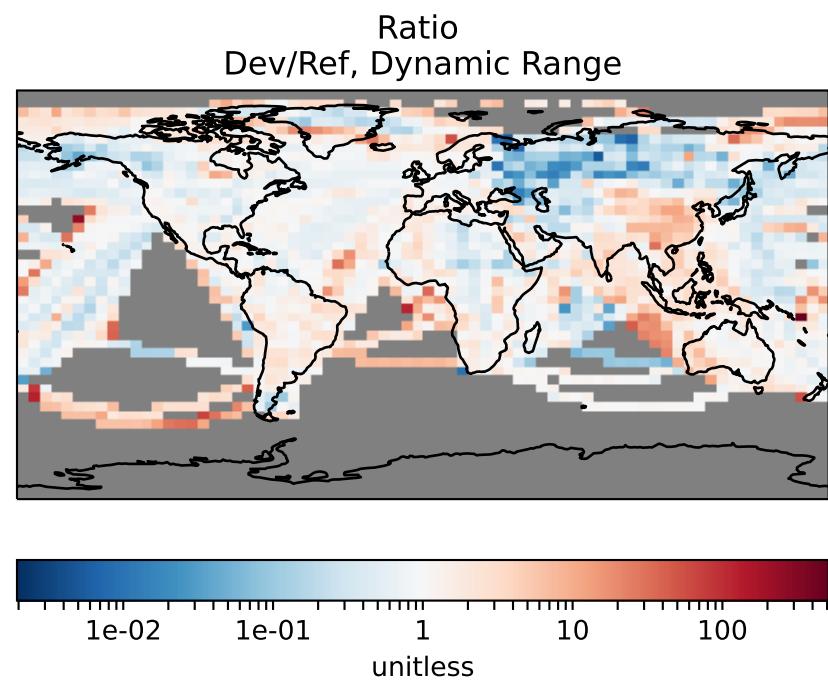
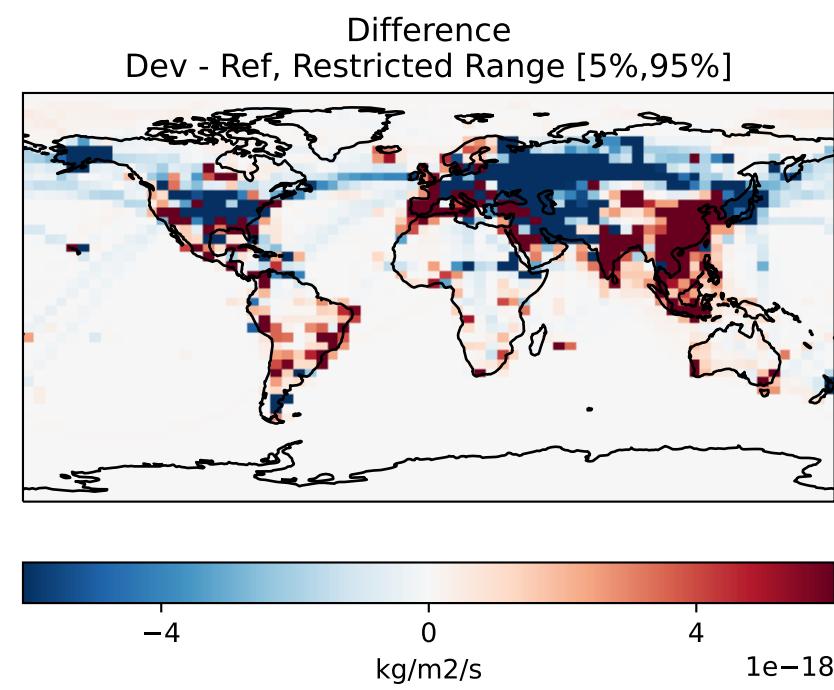
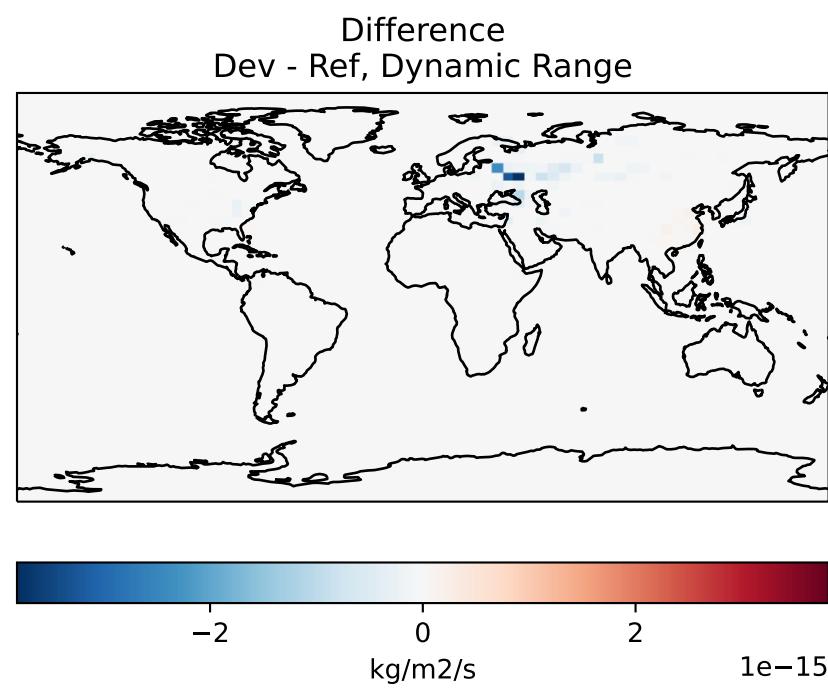
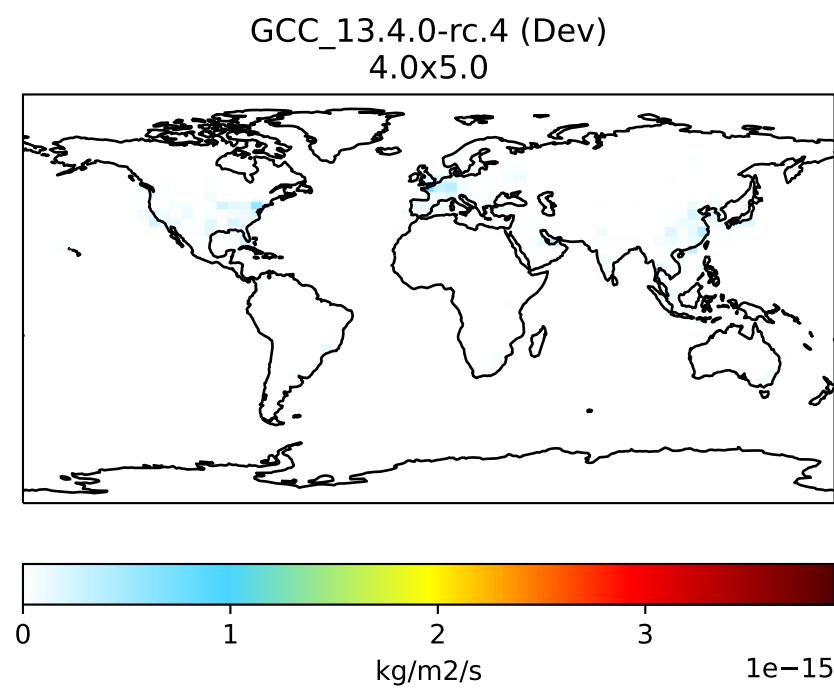
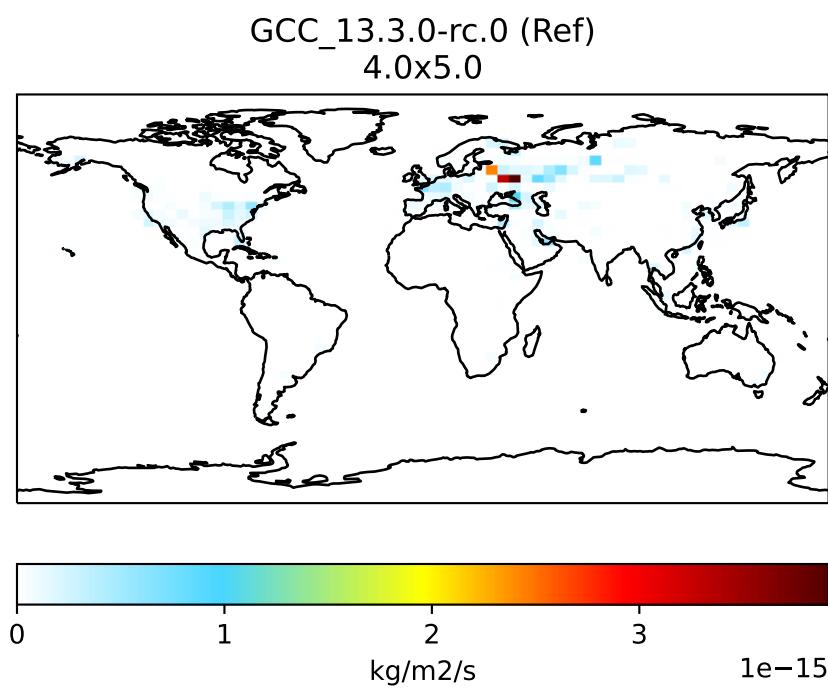
EmisC2H6_Ship (Jan2019)



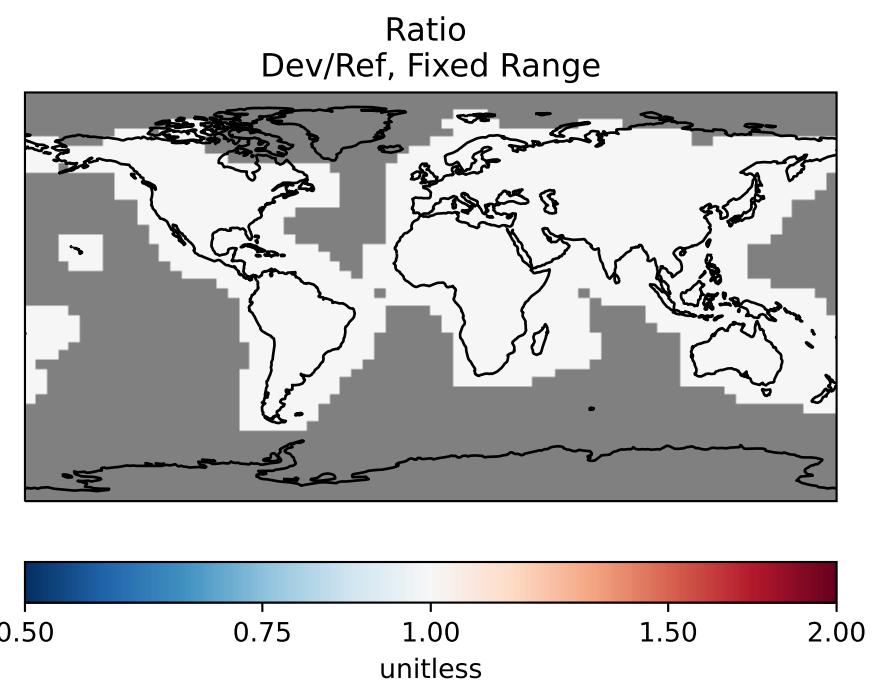
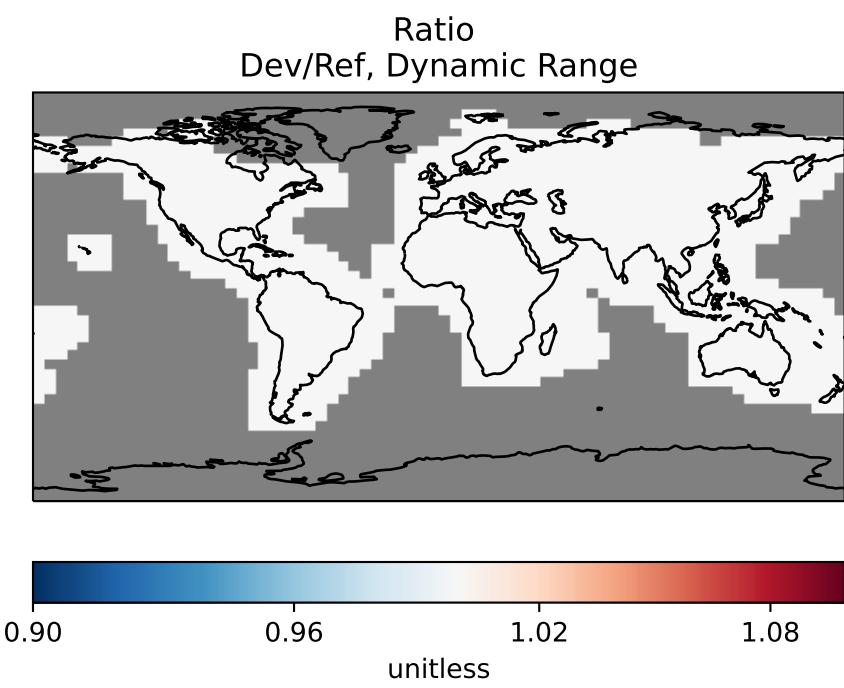
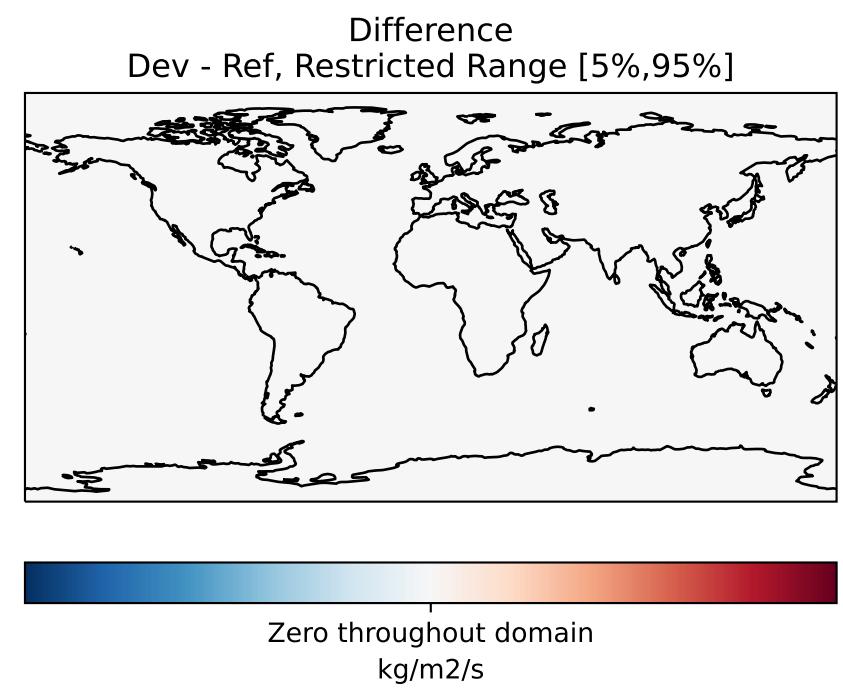
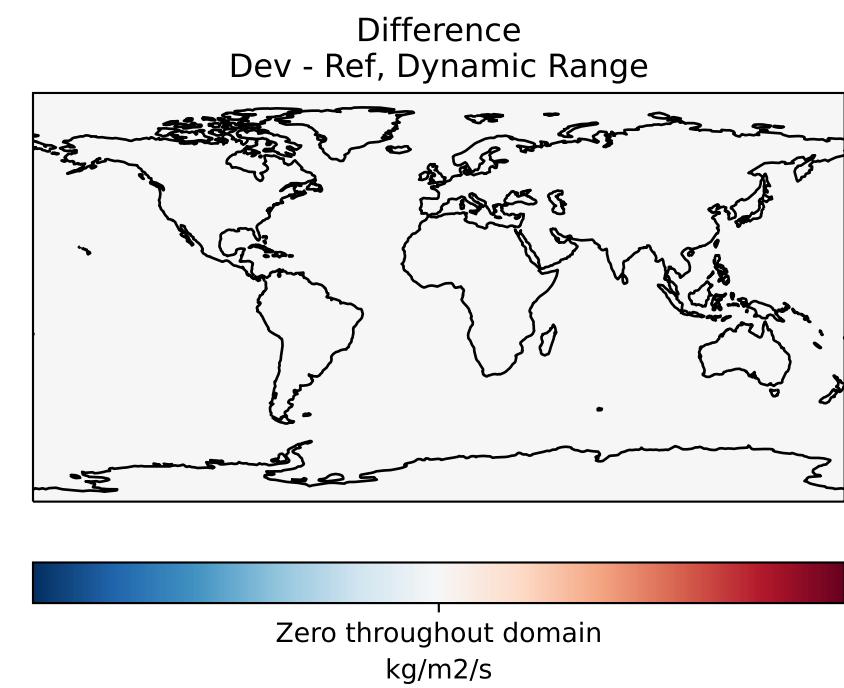
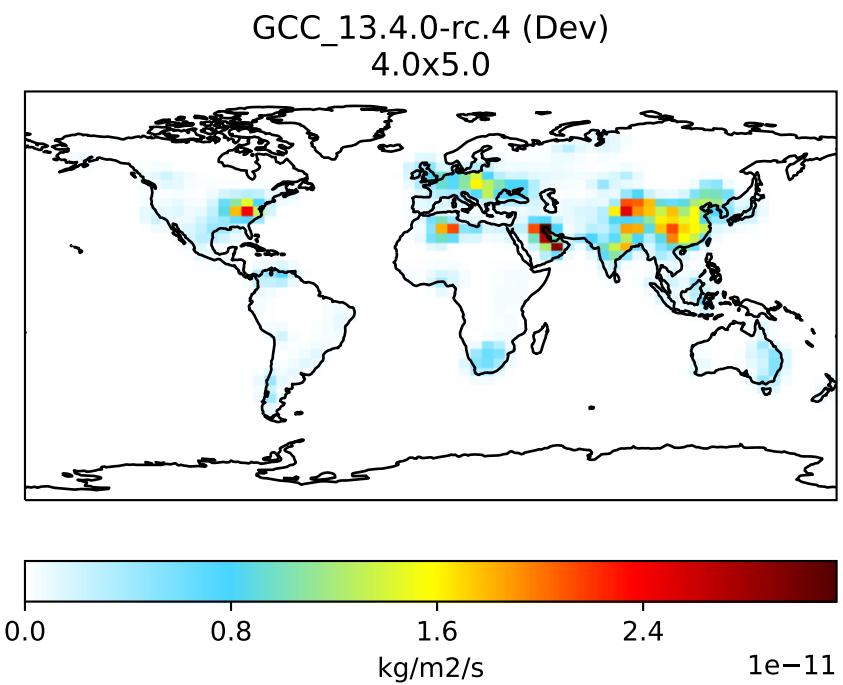
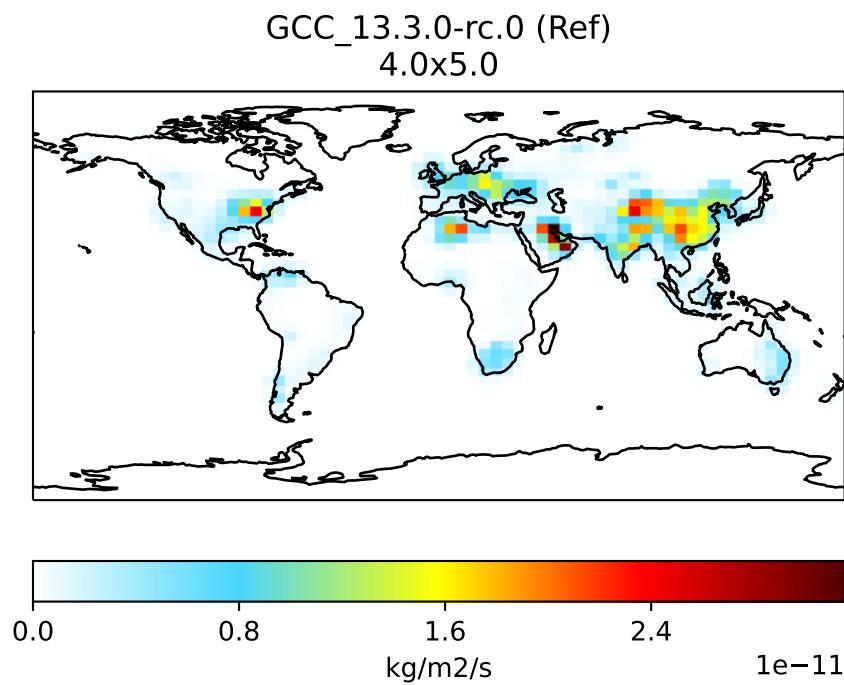
EmisC2H6_Total (Jan2019)



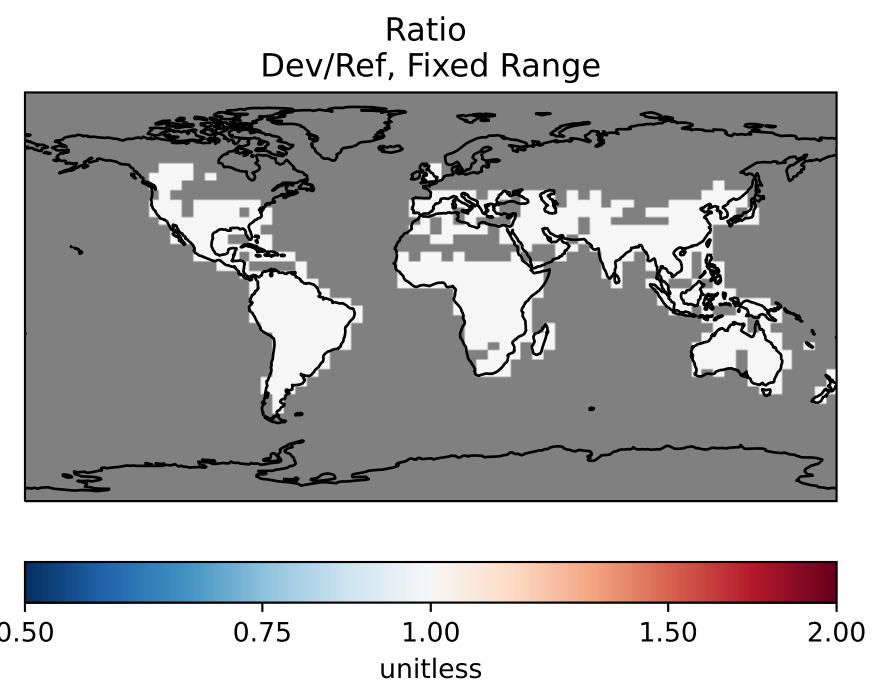
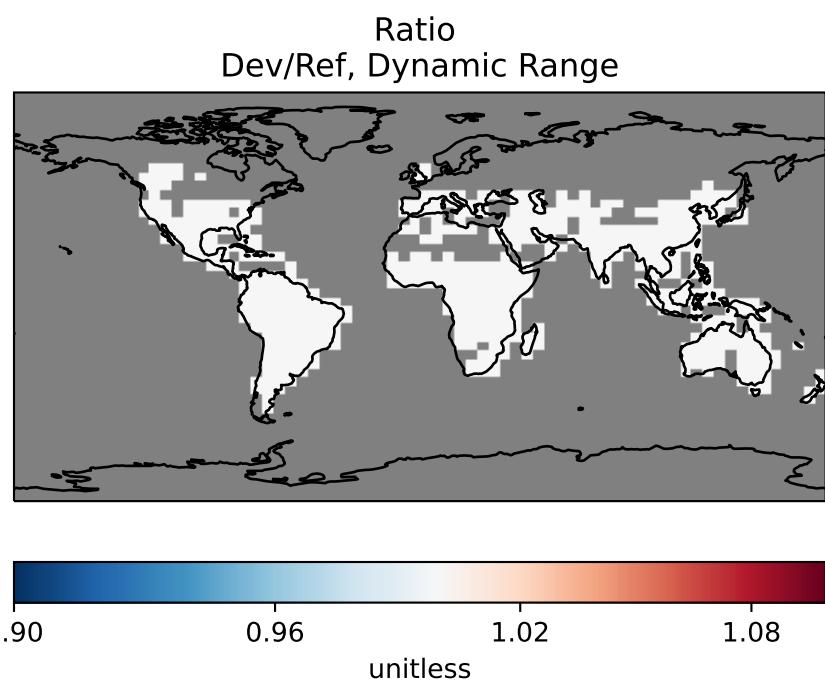
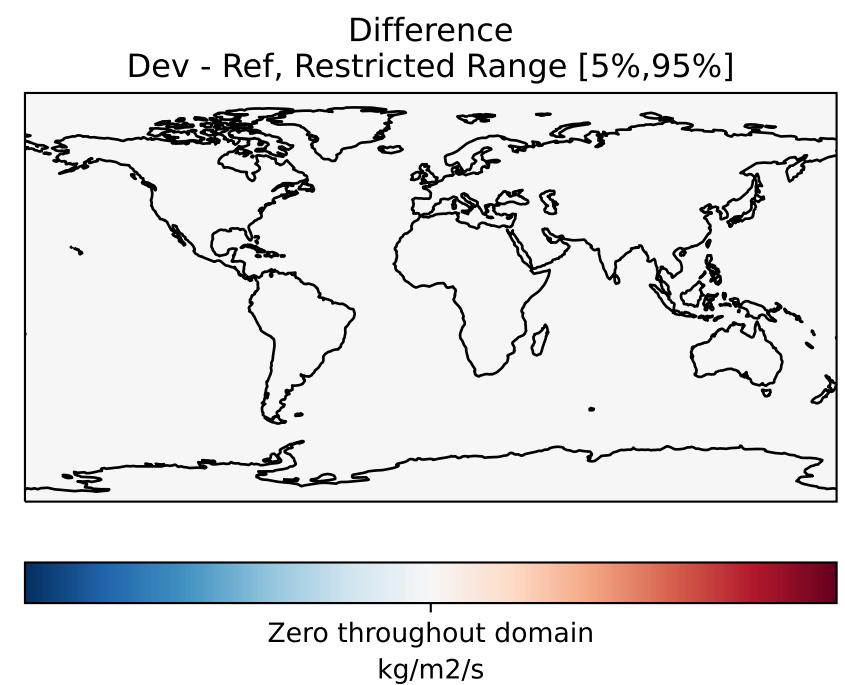
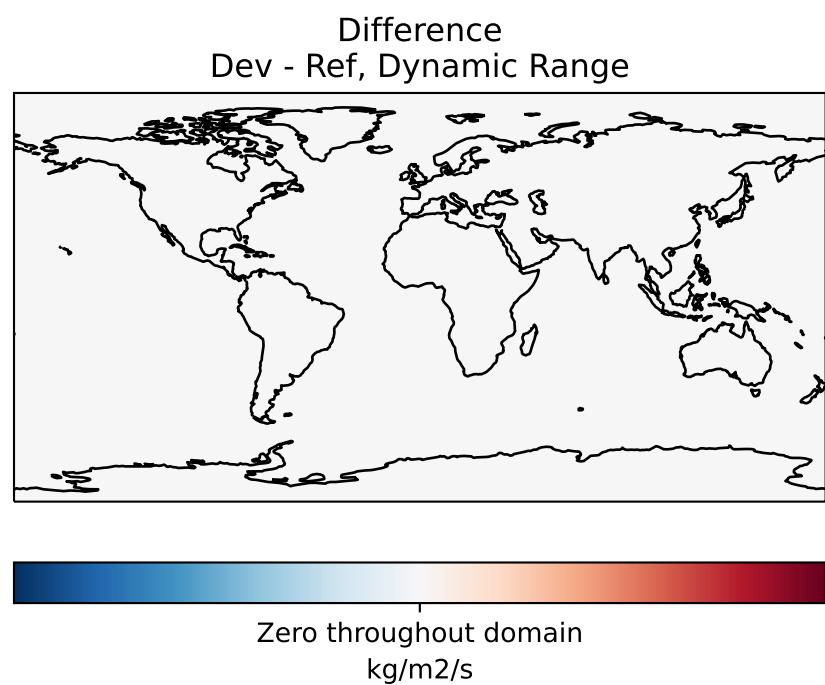
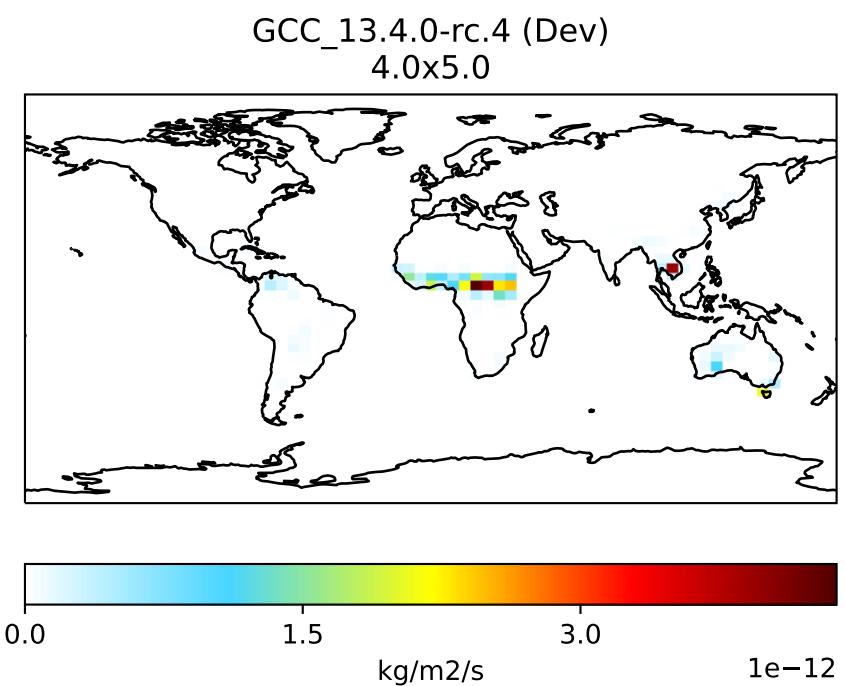
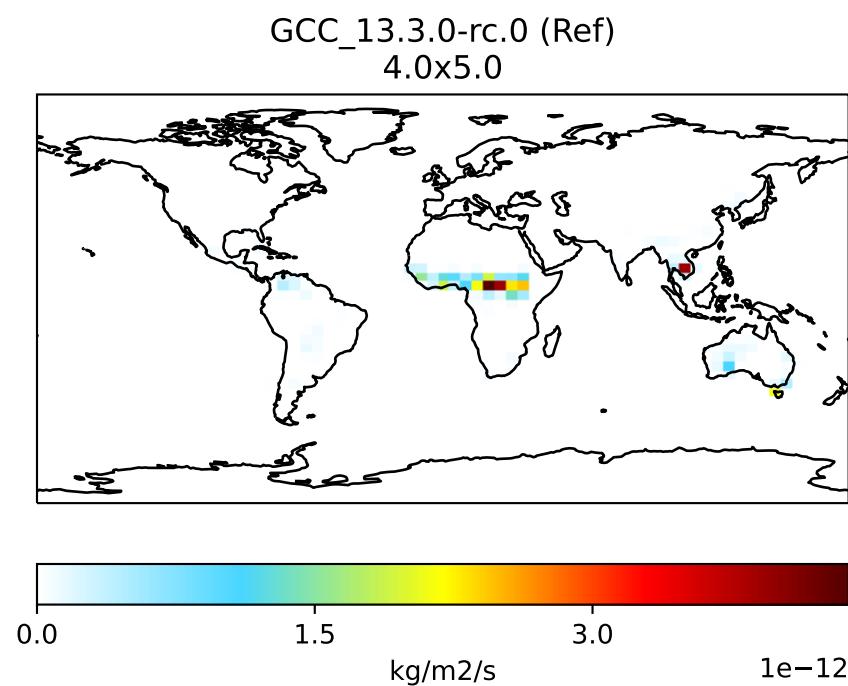
EmisC3H8_Aircraft (Jan2019)



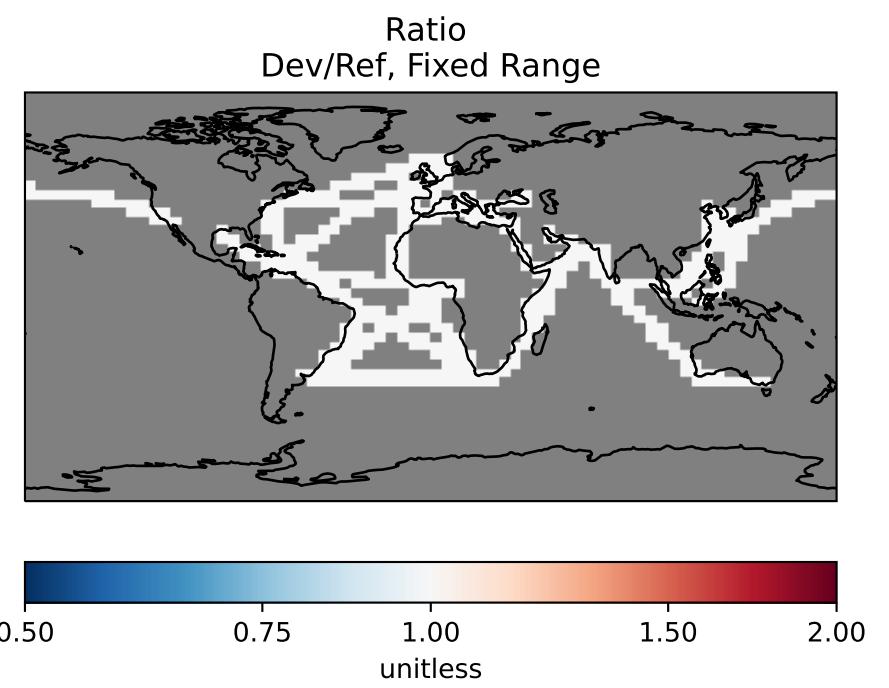
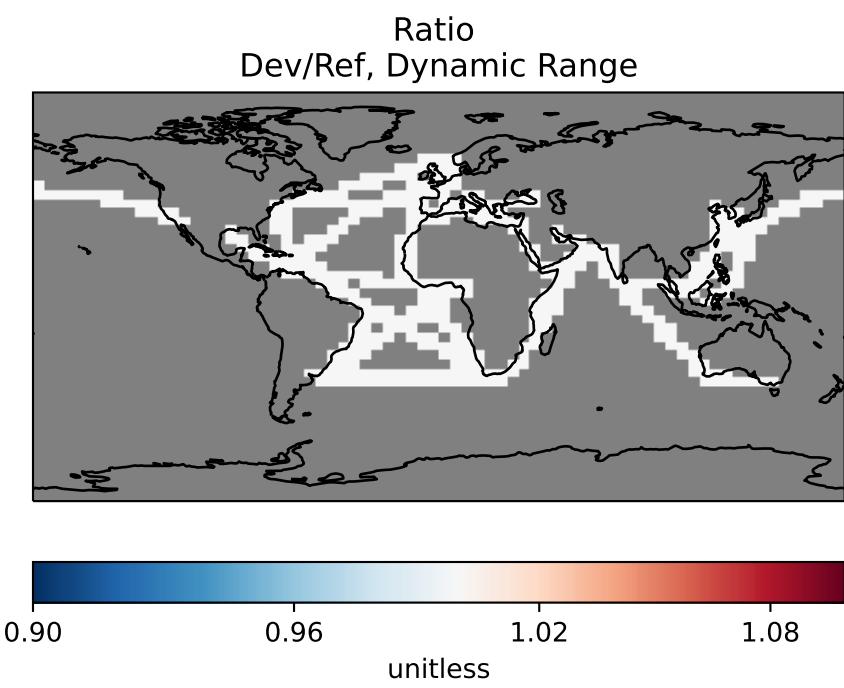
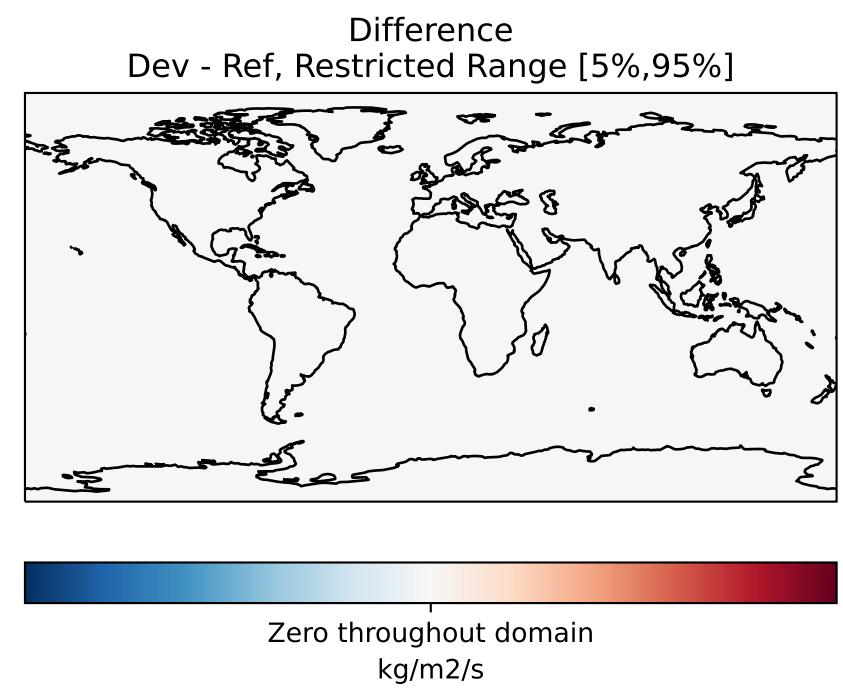
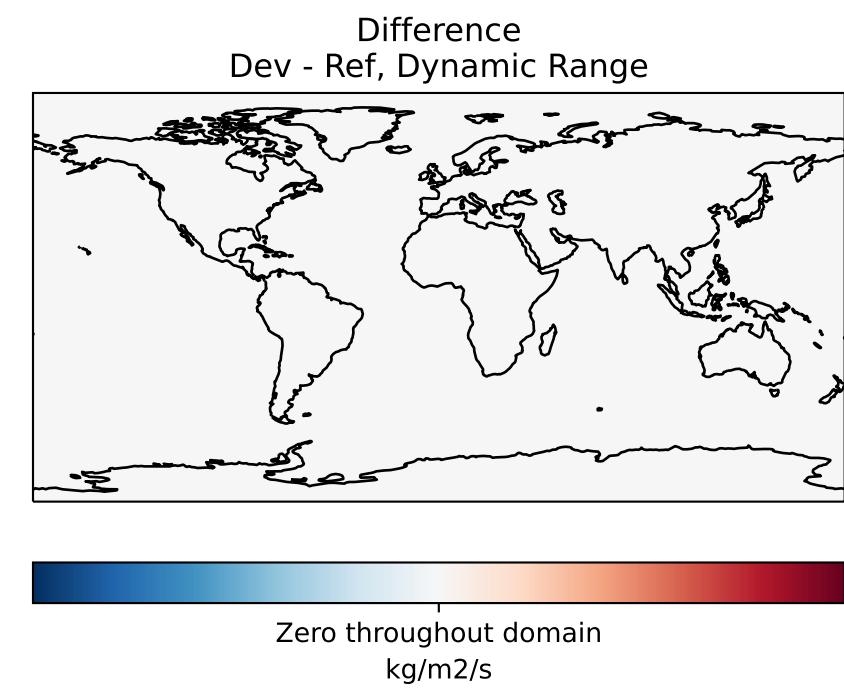
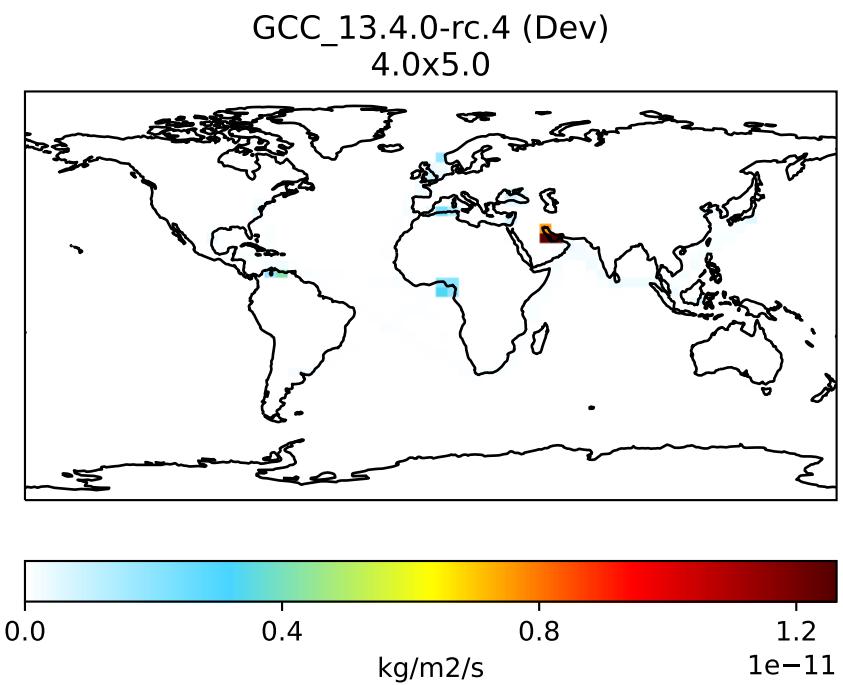
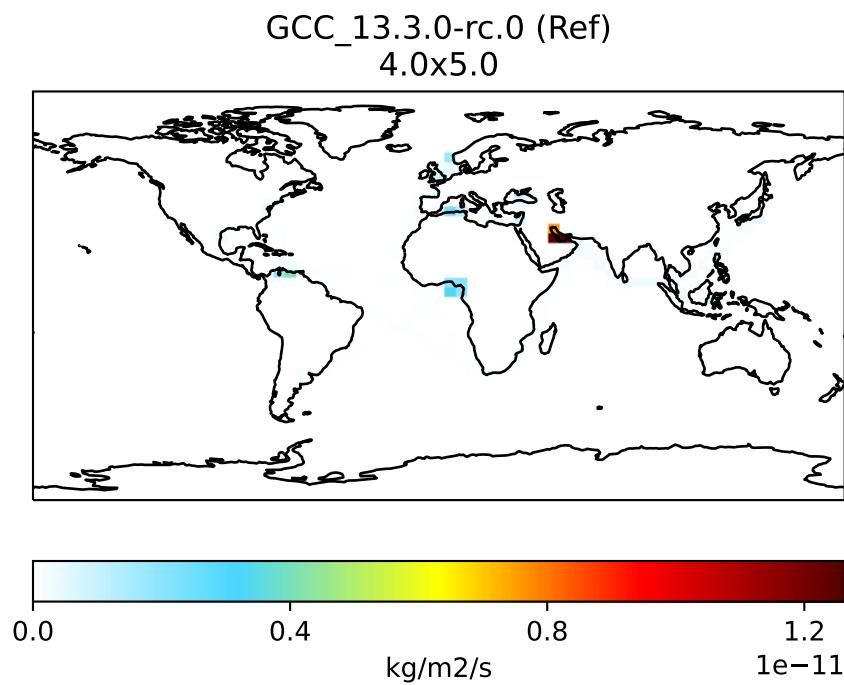
EmisC3H8_Anthro (Jan2019)



EmisC3H8_BioBurn (Jan2019)

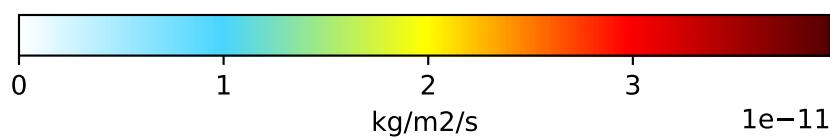
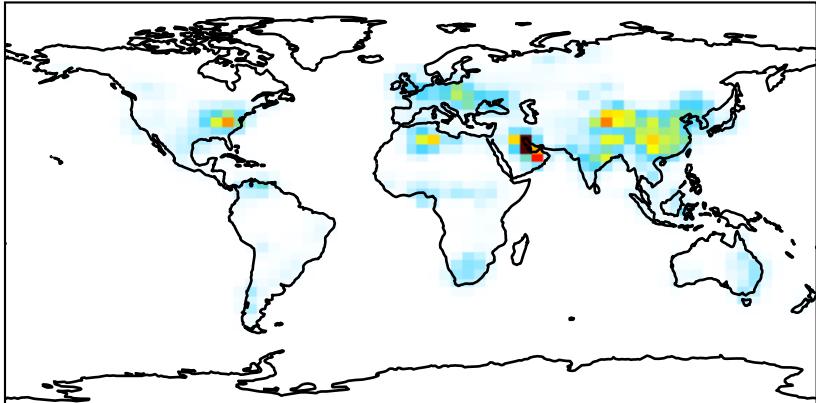


EmisC3H8_Ship (Jan2019)

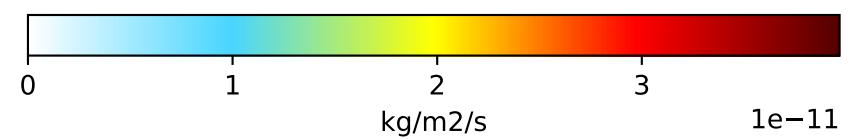
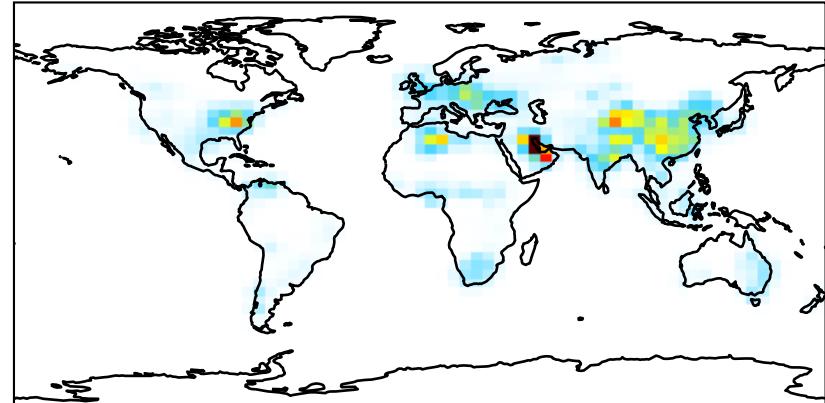


EmisC3H8_Total (Jan2019)

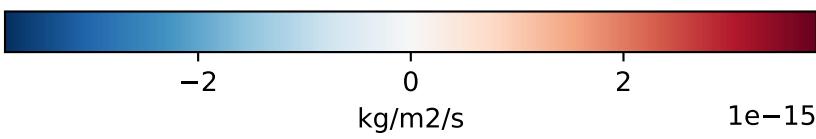
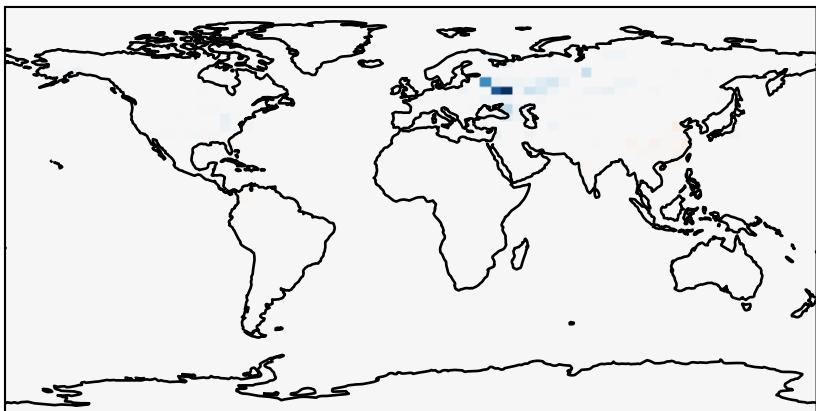
GCC_13.3.0-rc.0 (Ref)
4.0x5.0



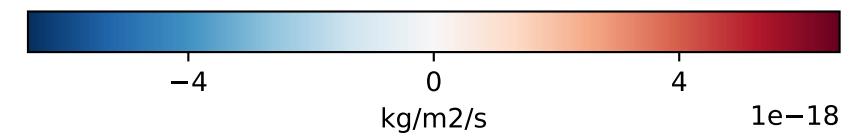
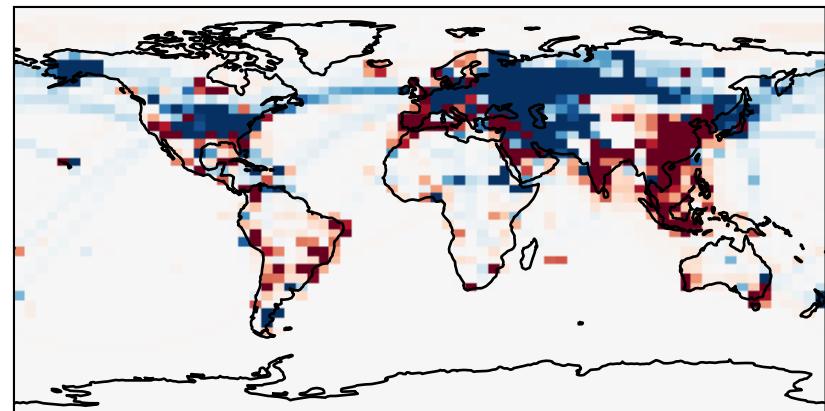
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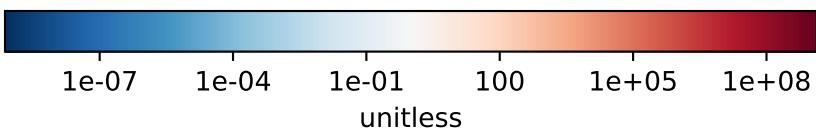
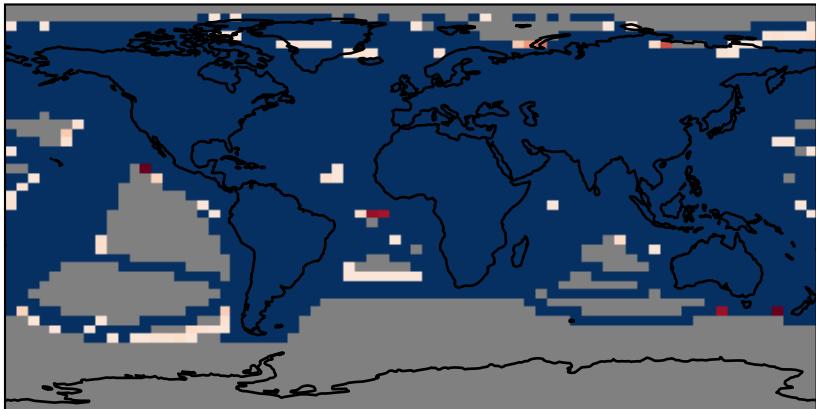
Difference
Dev - Ref, Dynamic Range



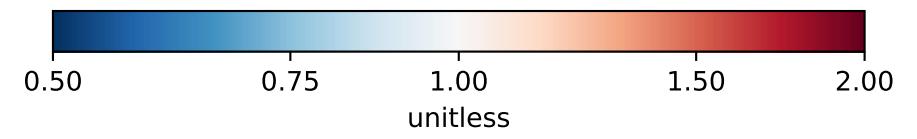
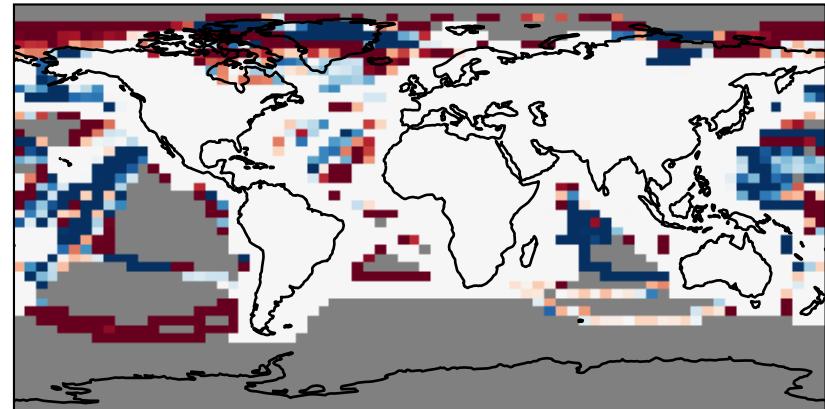
Difference
Dev - Ref, Restricted Range [5%, 95%]



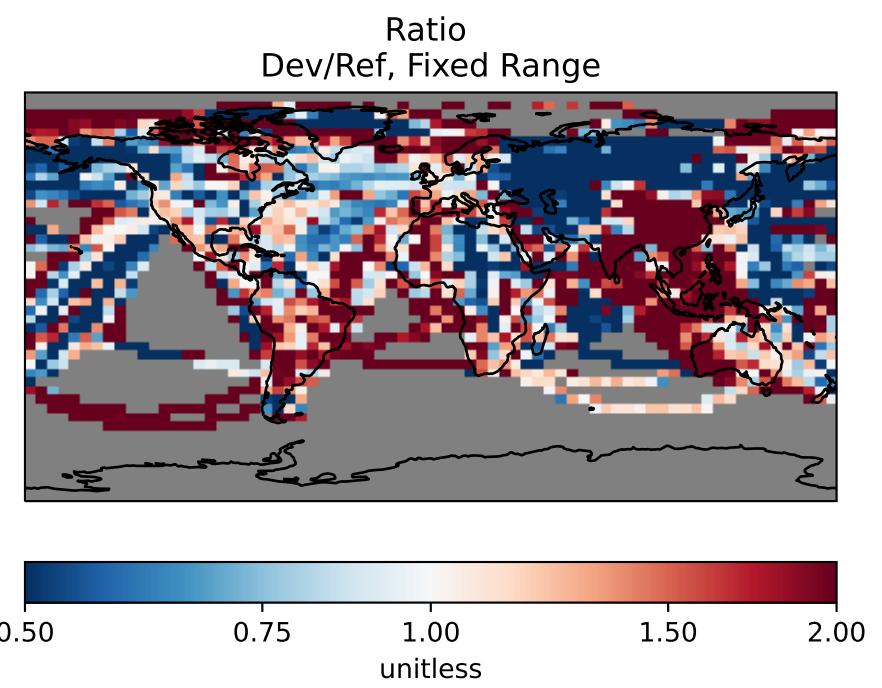
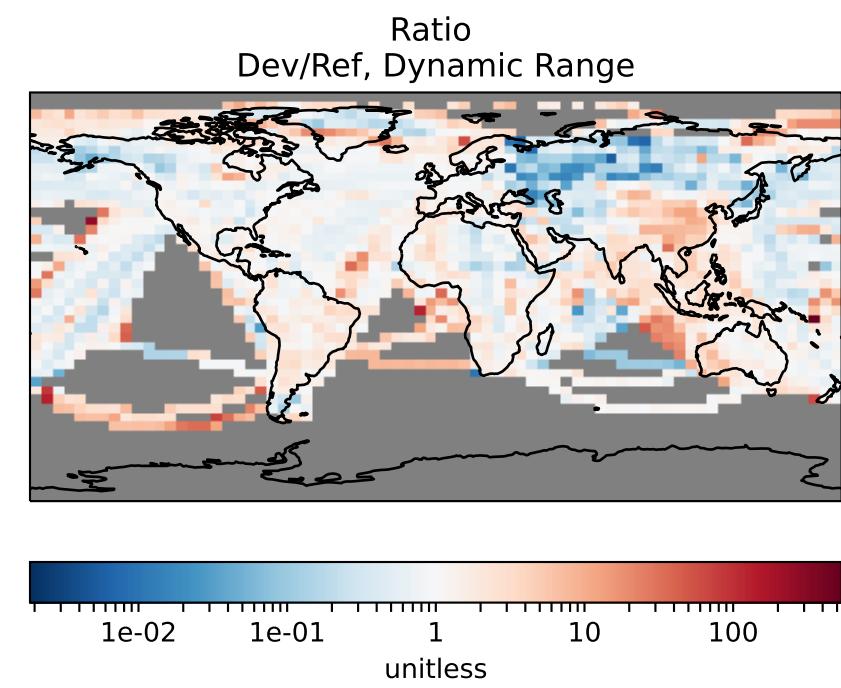
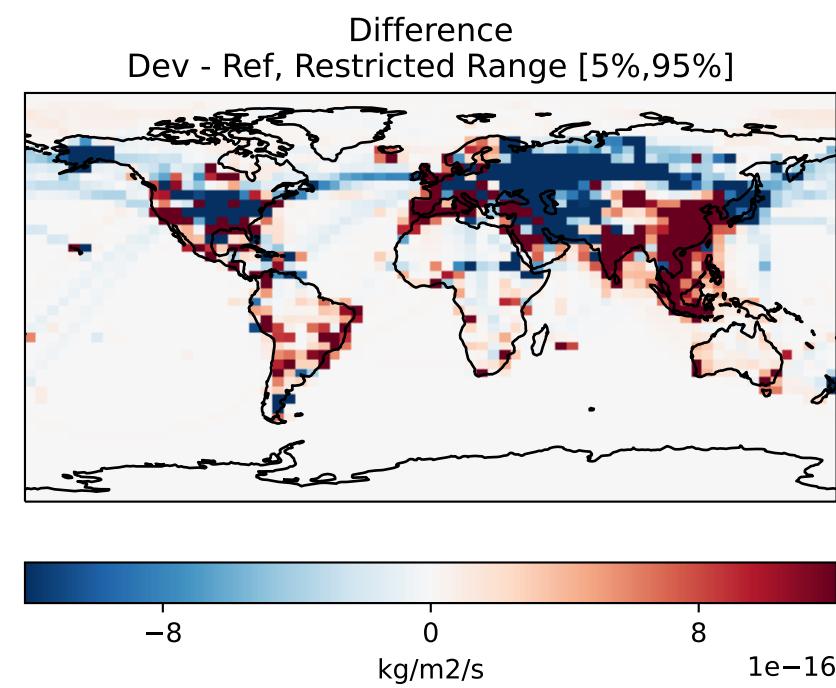
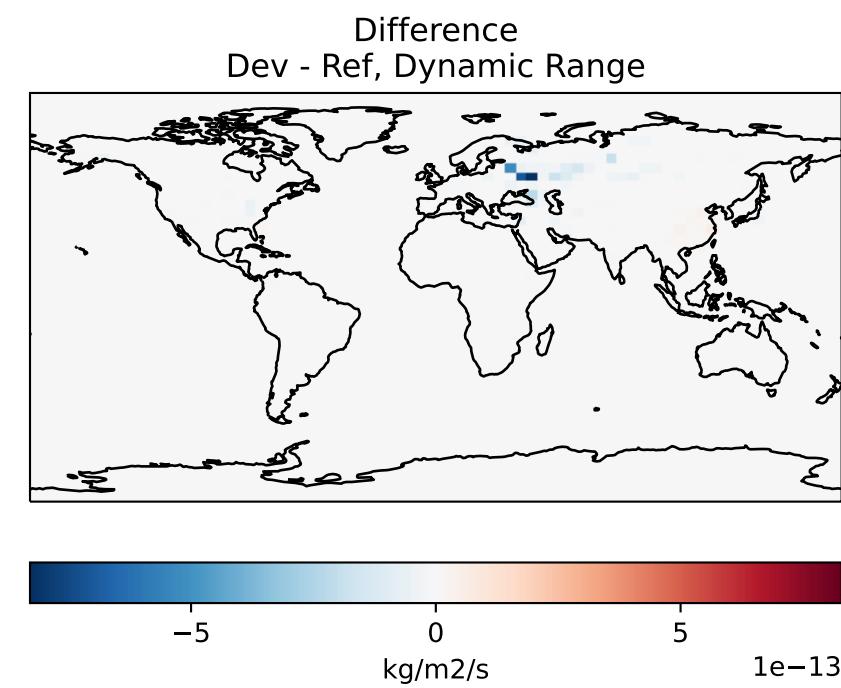
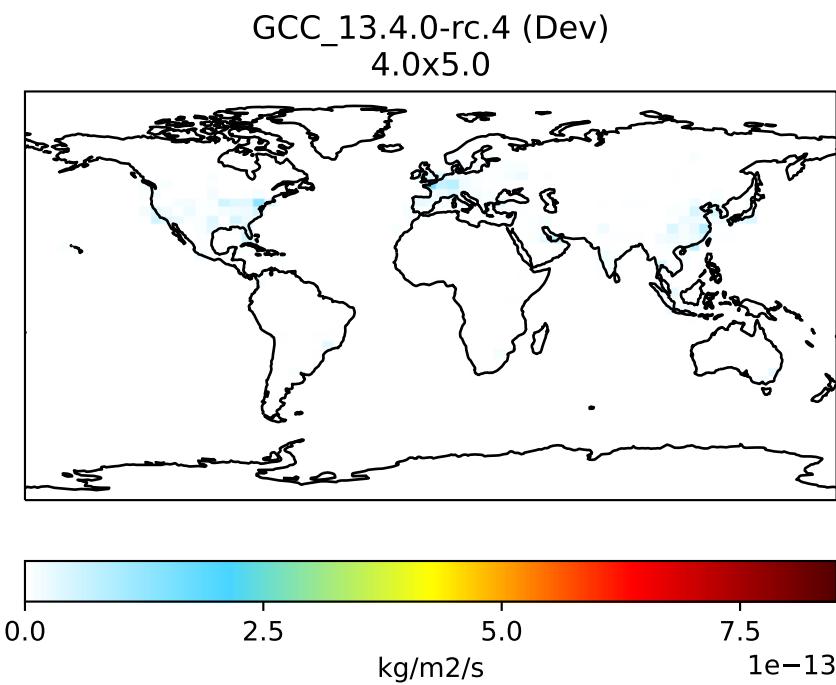
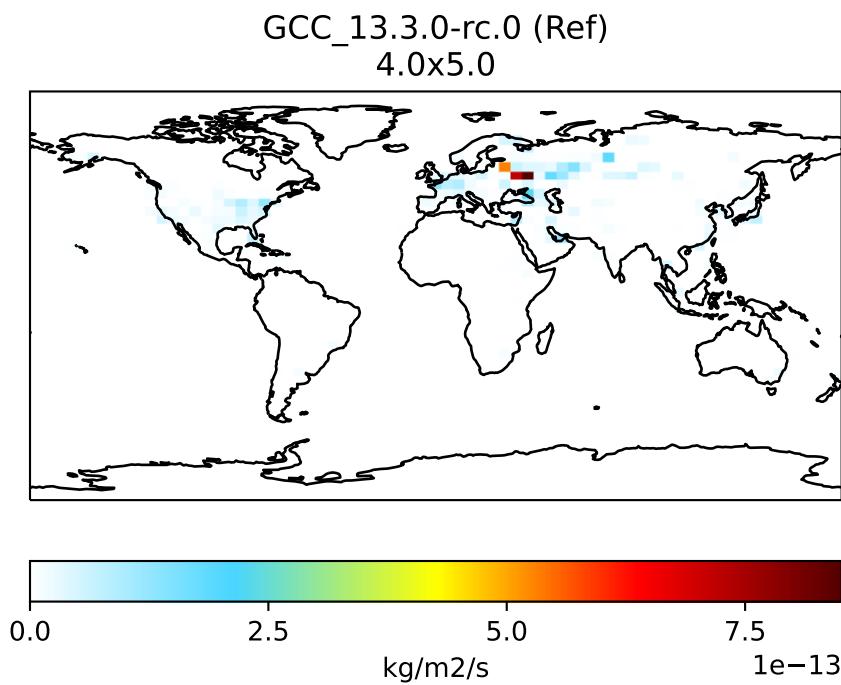
Ratio
Dev/Ref, Dynamic Range



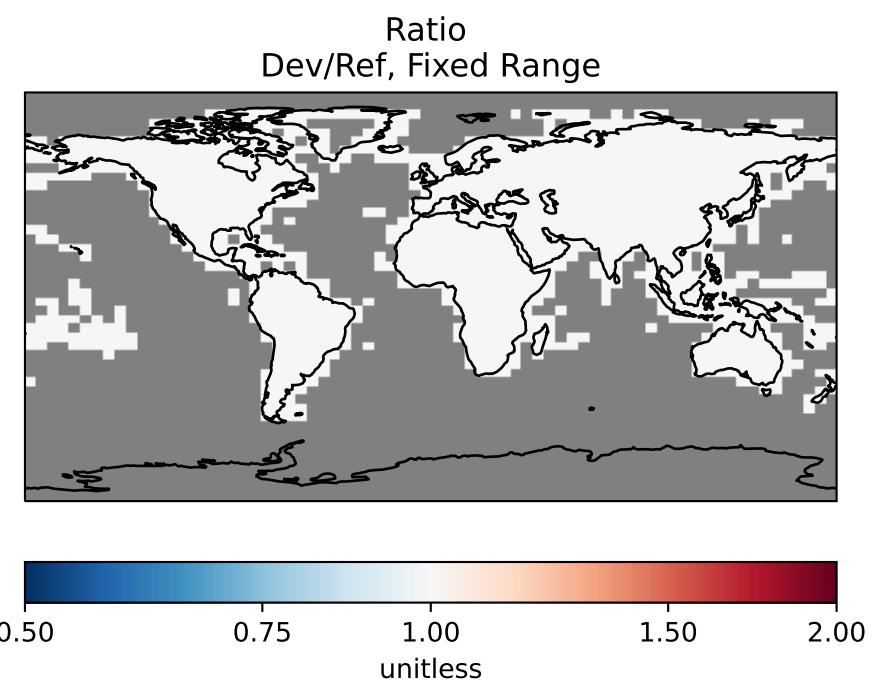
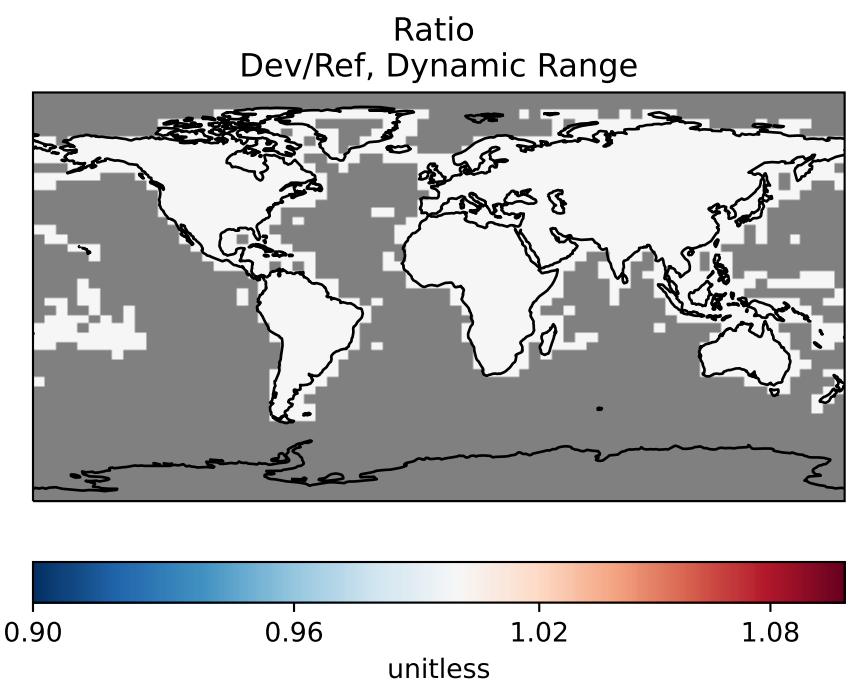
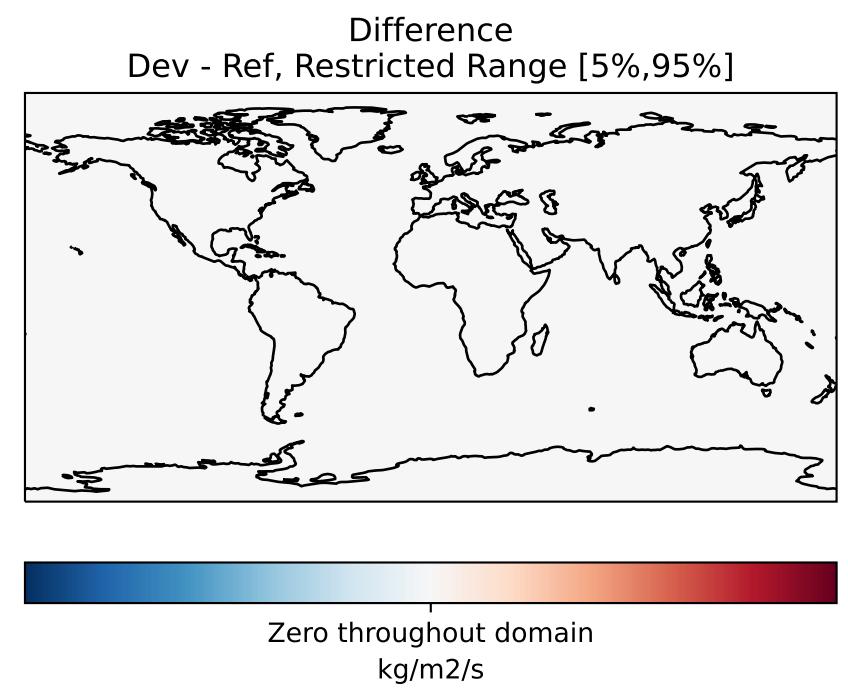
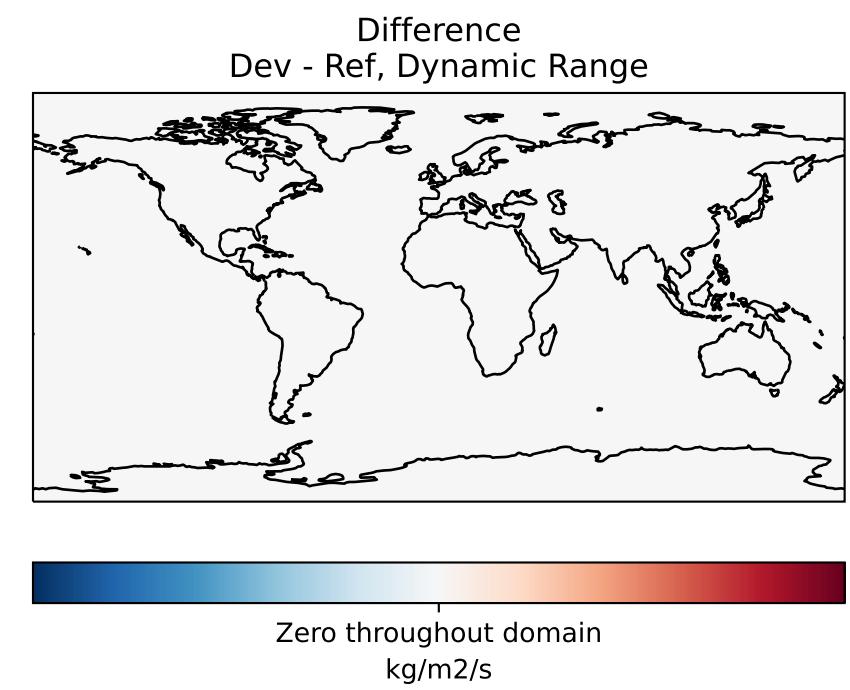
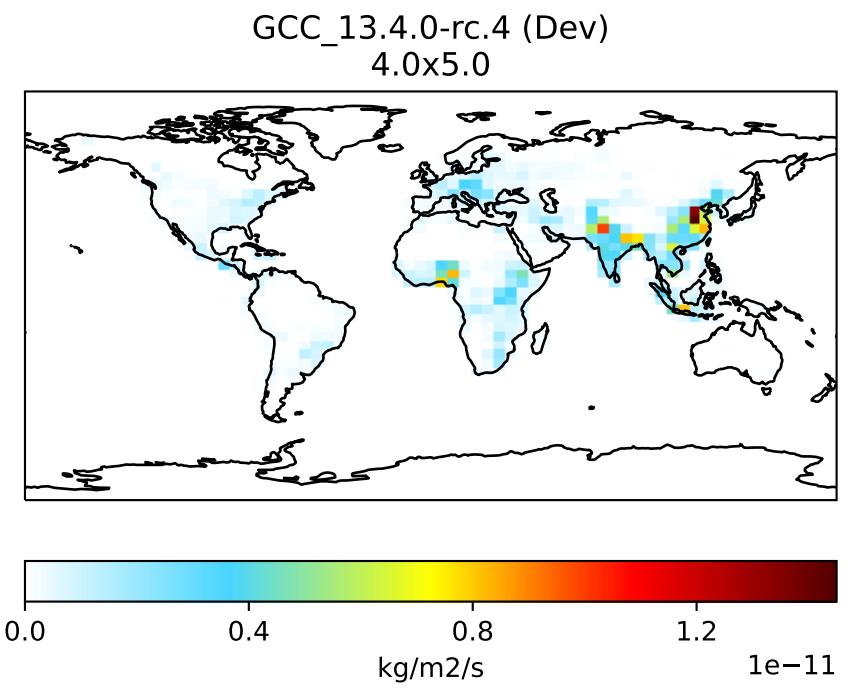
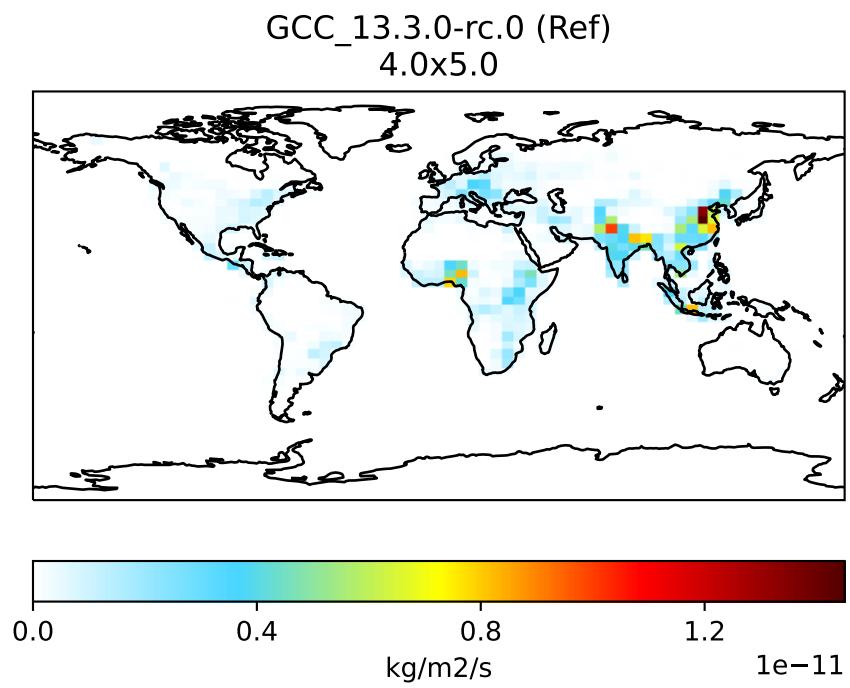
Ratio
Dev/Ref, Fixed Range



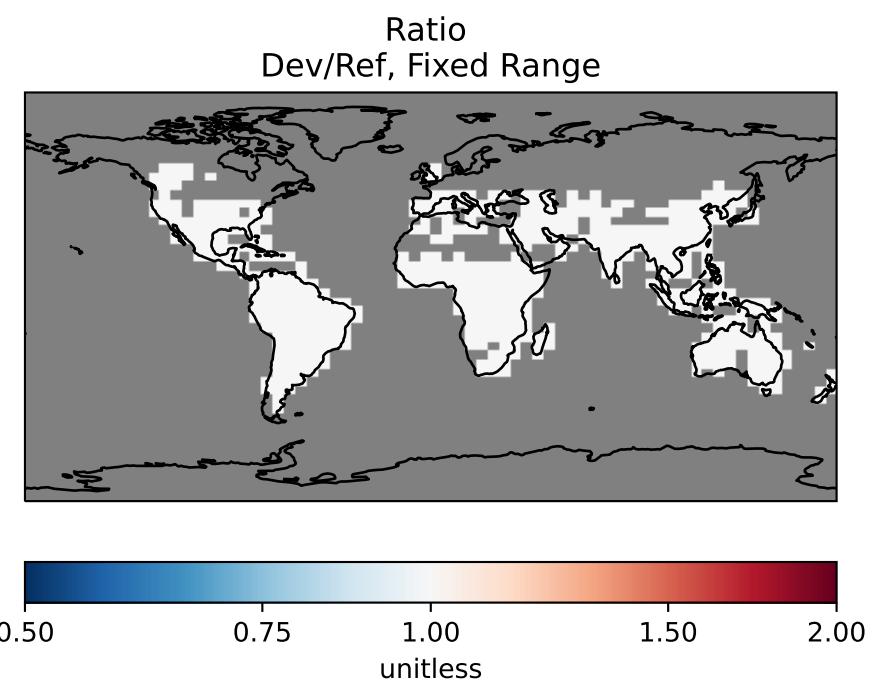
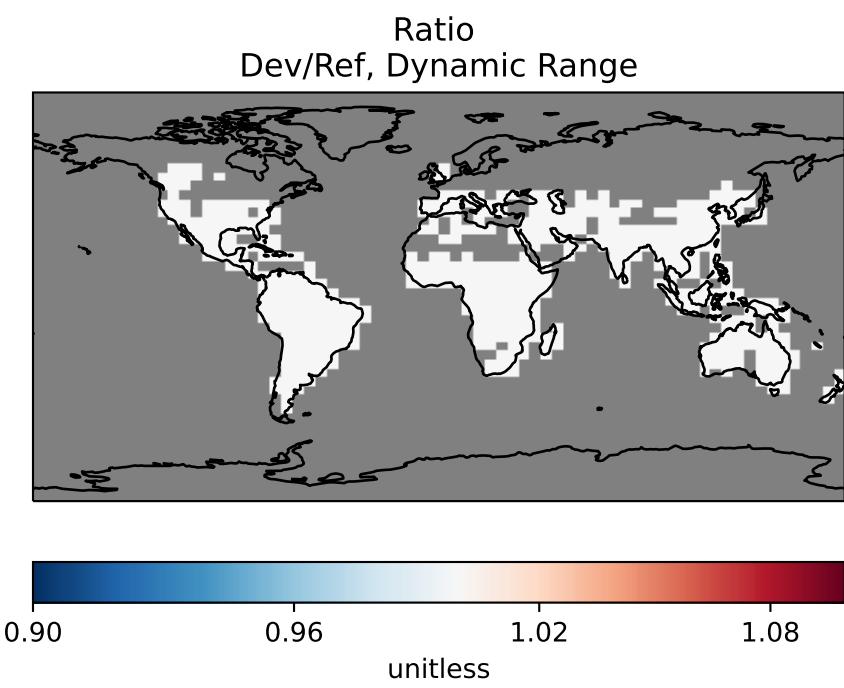
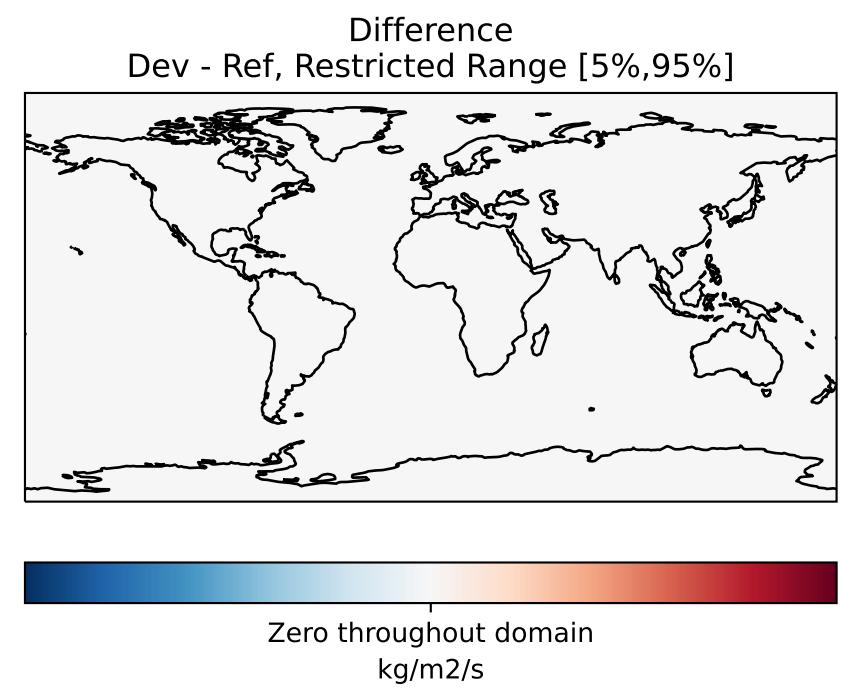
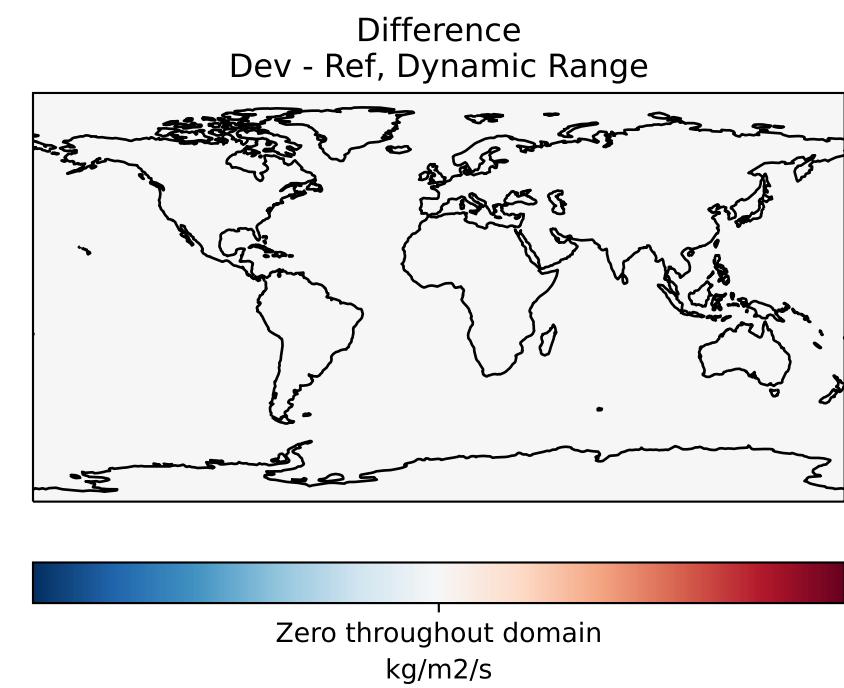
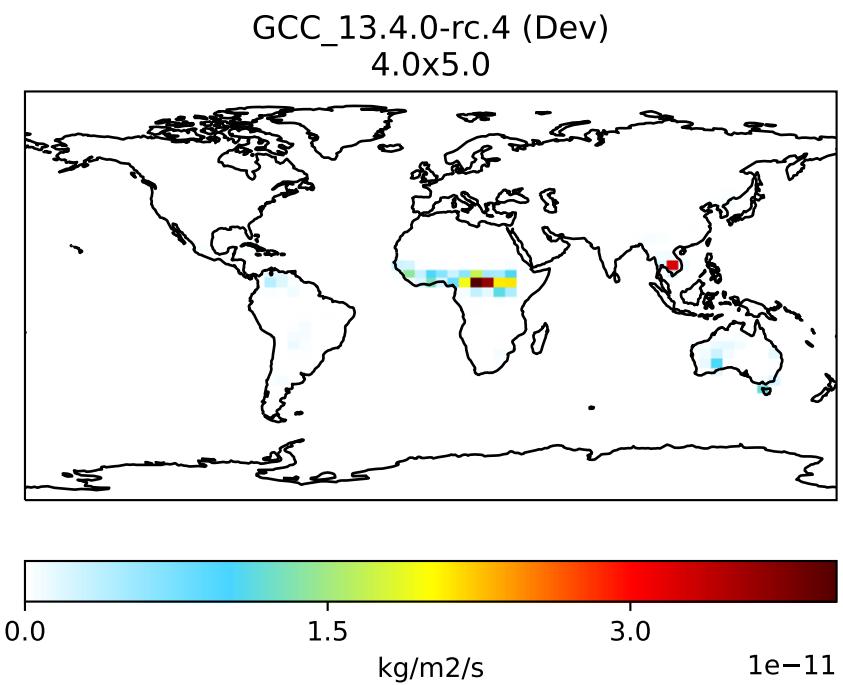
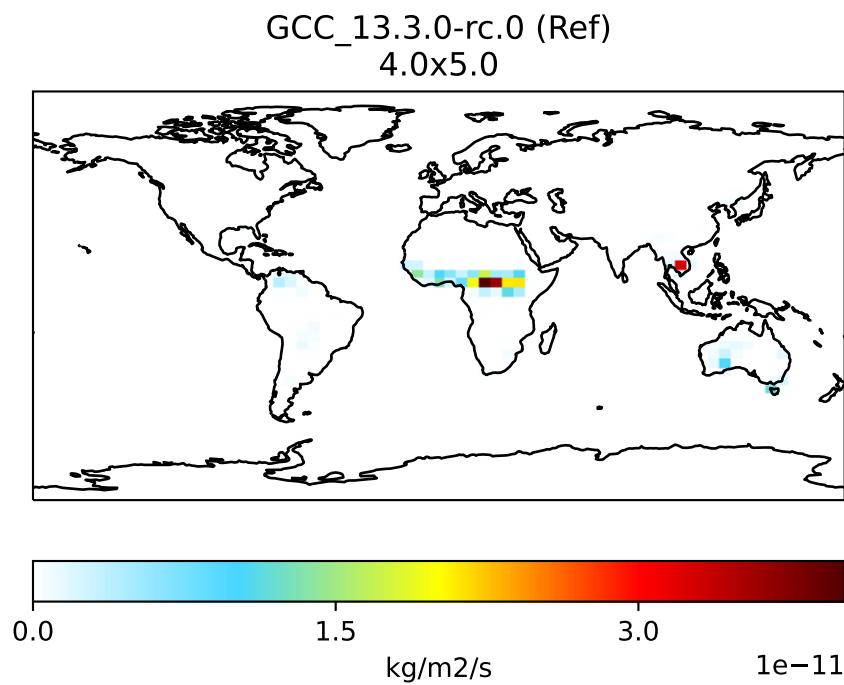
EmisPRPE_Aircraft (Jan2019)



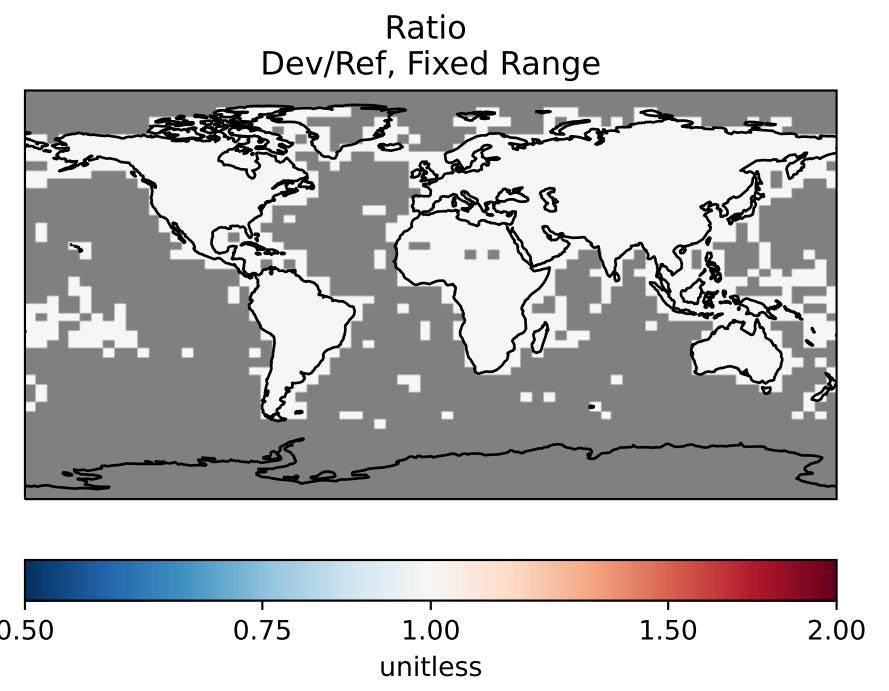
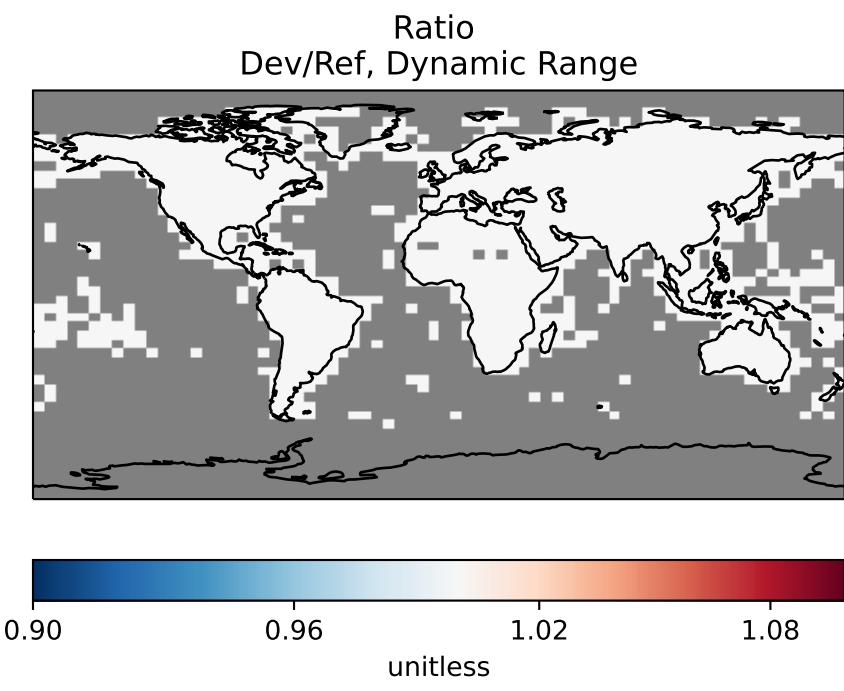
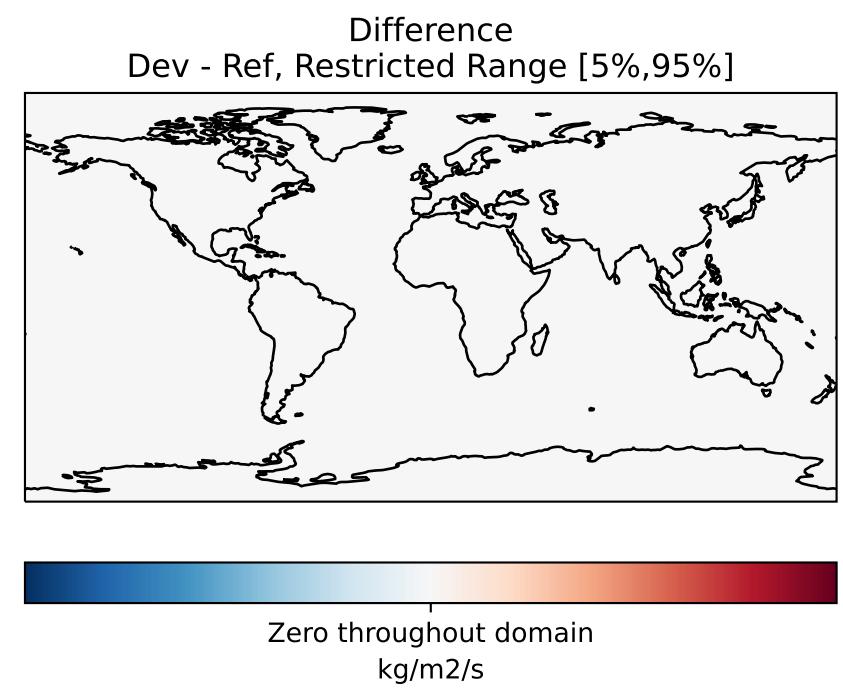
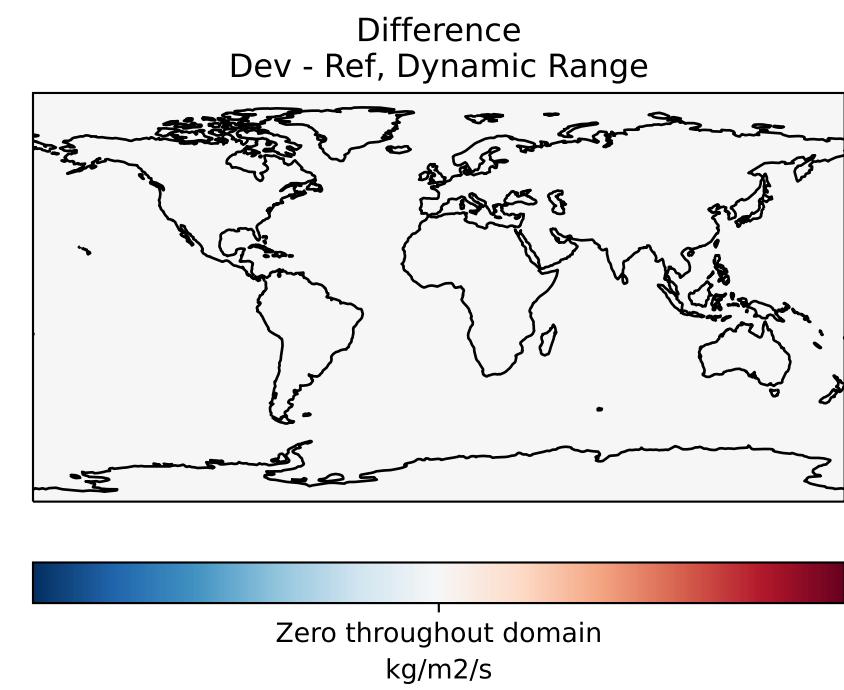
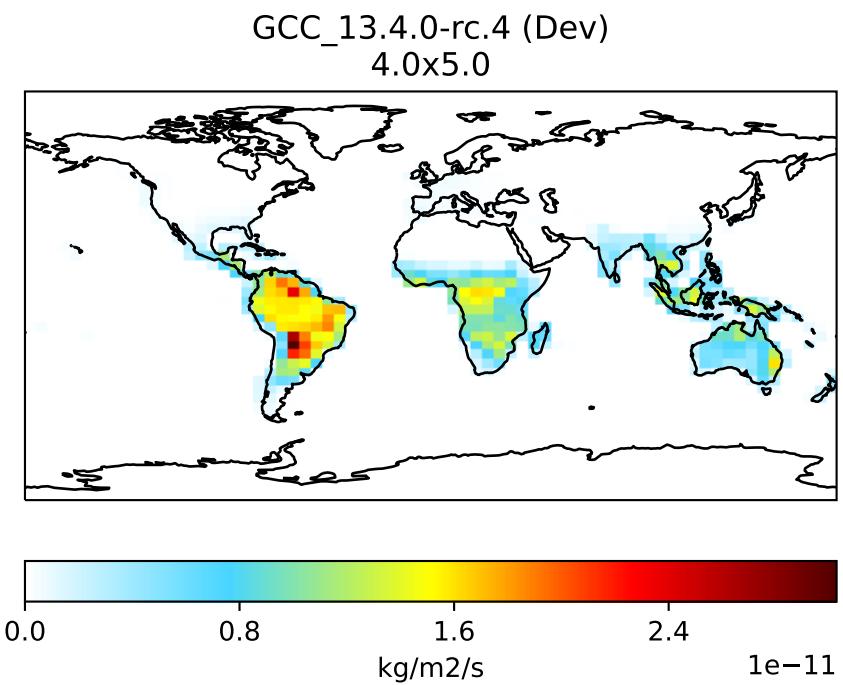
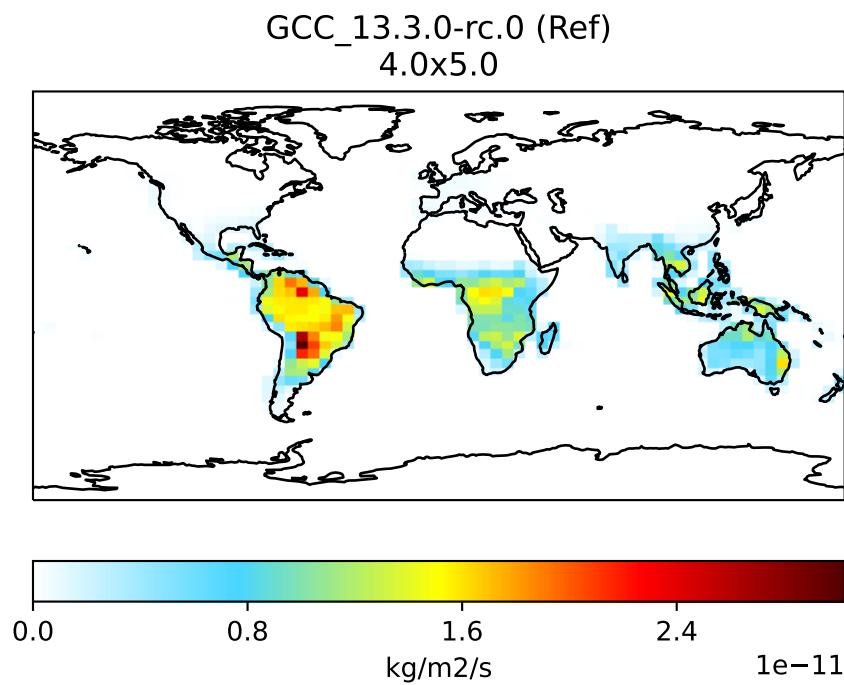
EmisPRPE_Anthro (Jan2019)



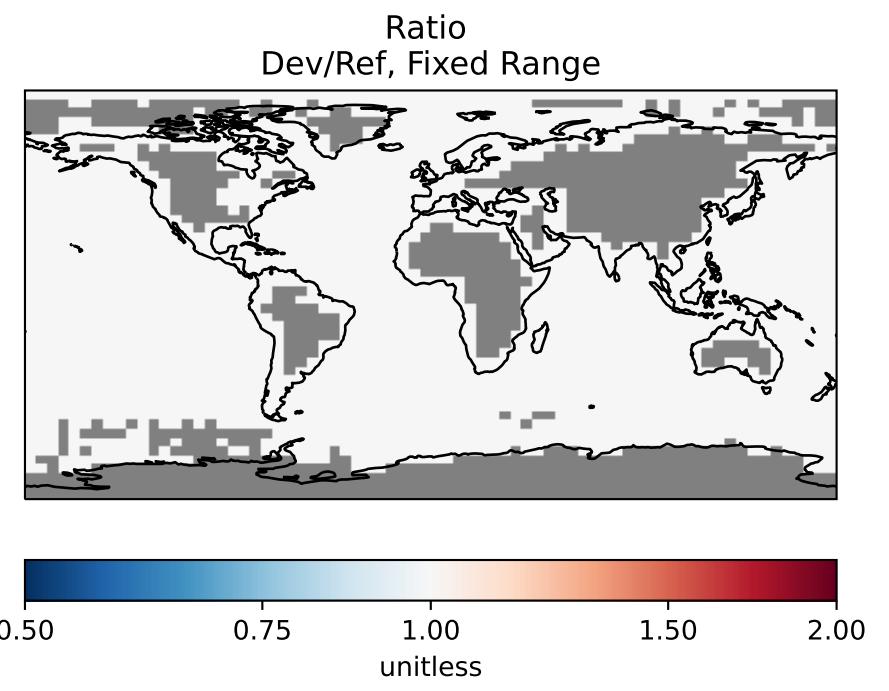
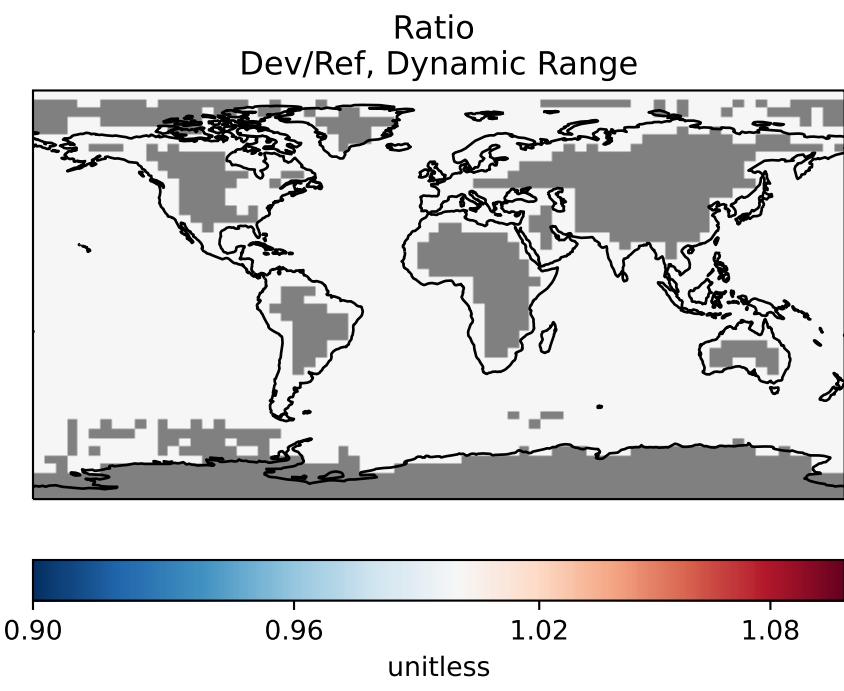
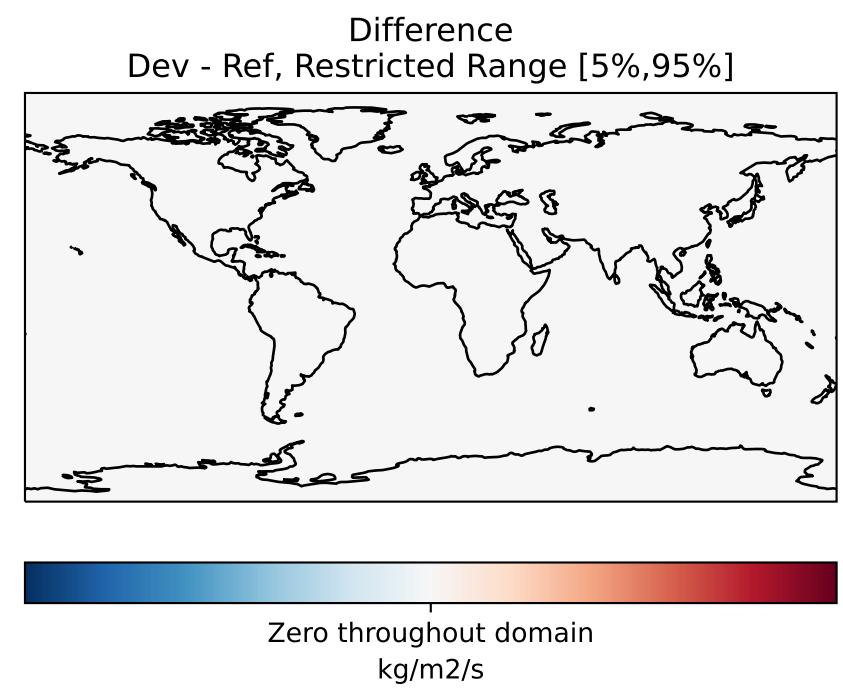
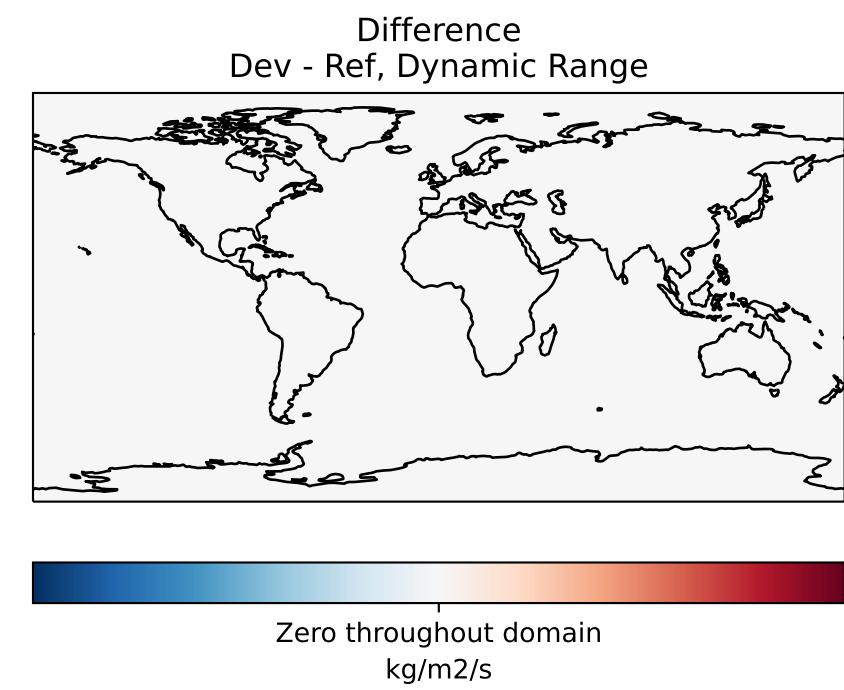
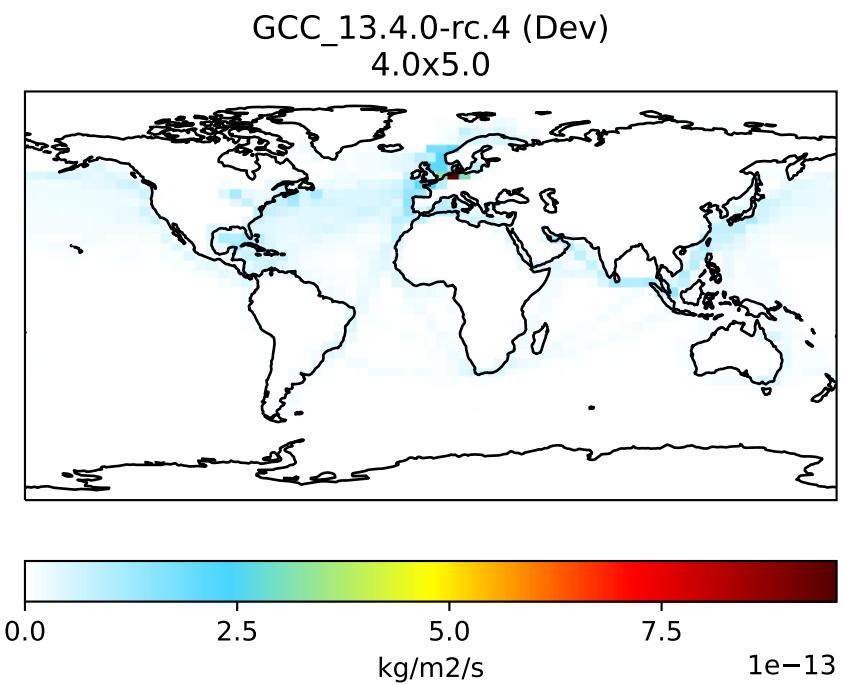
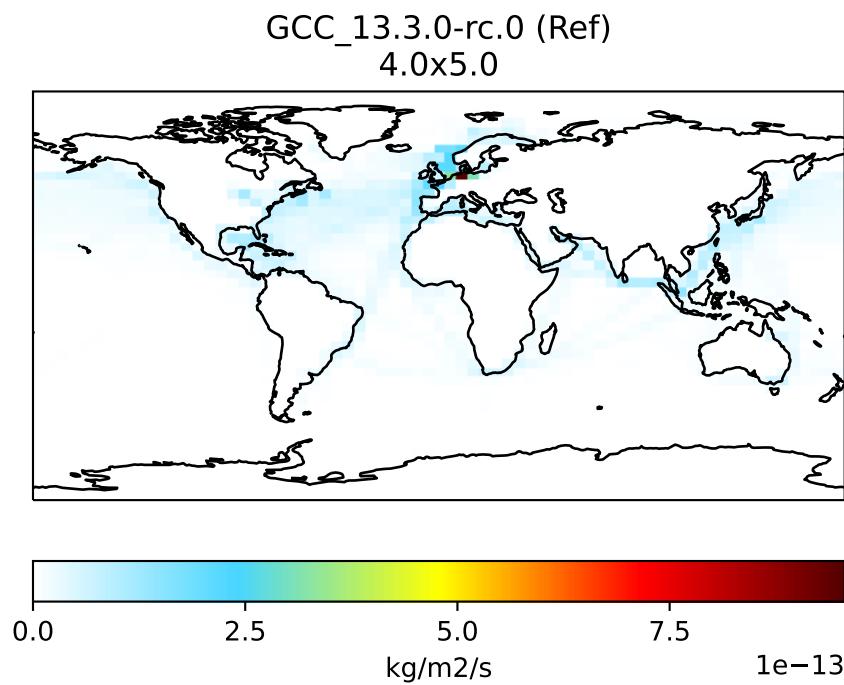
EmisPRPE_BioBurn (Jan2019)



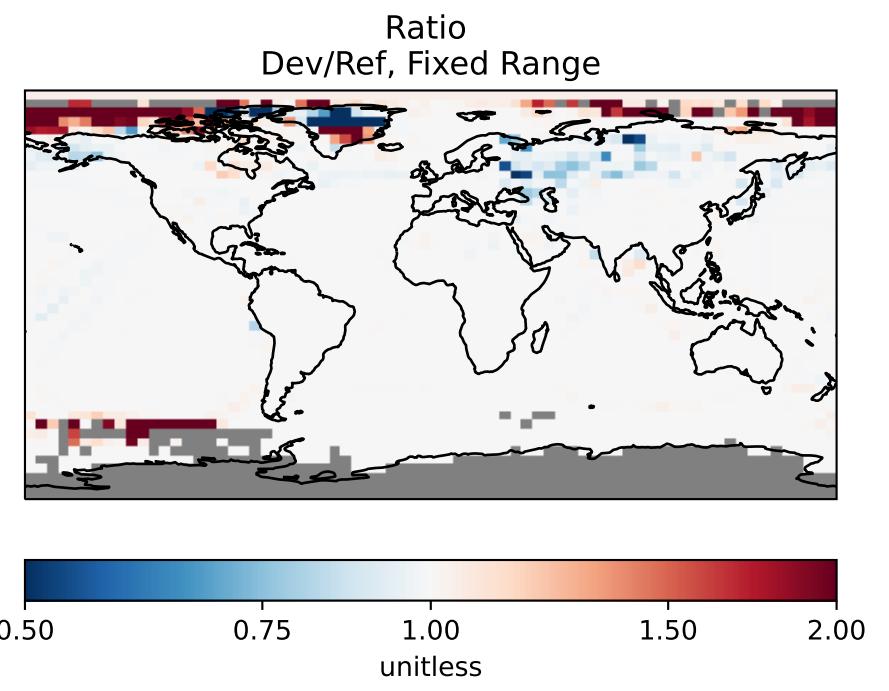
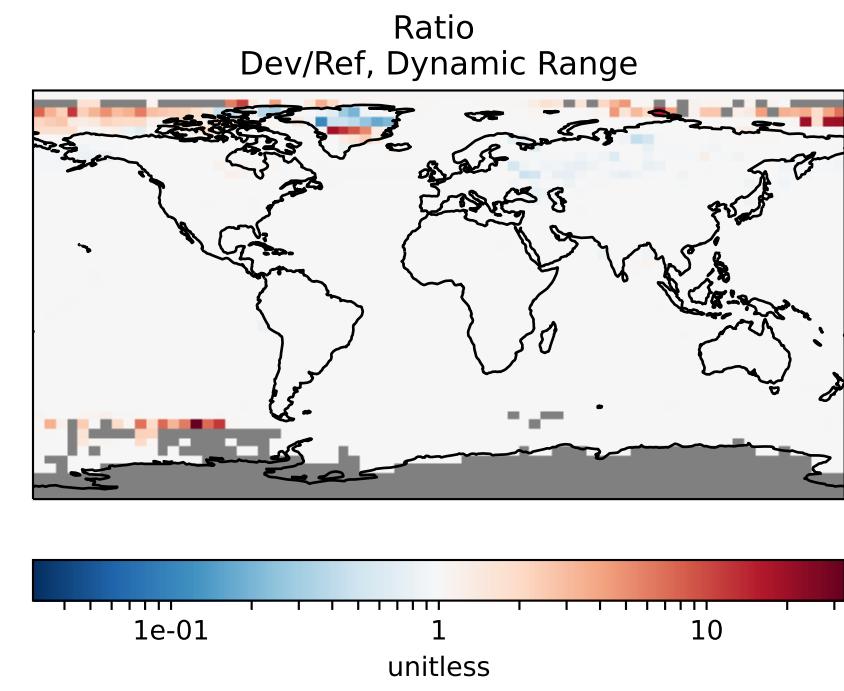
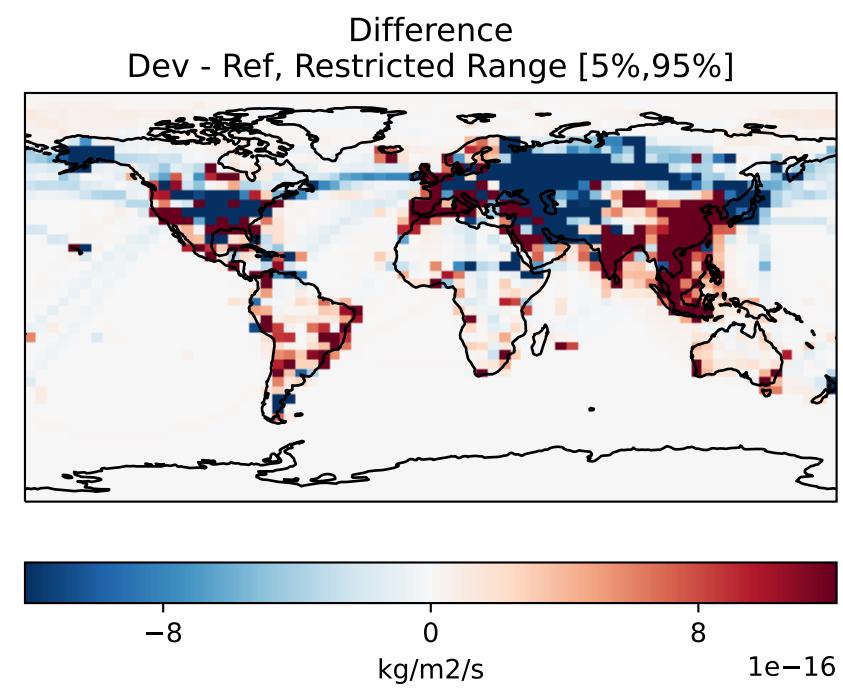
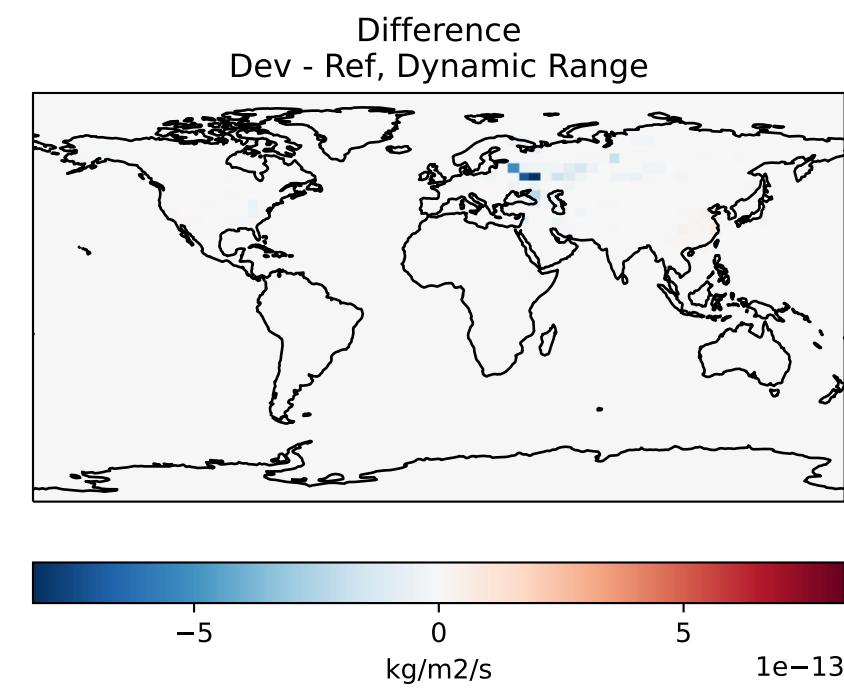
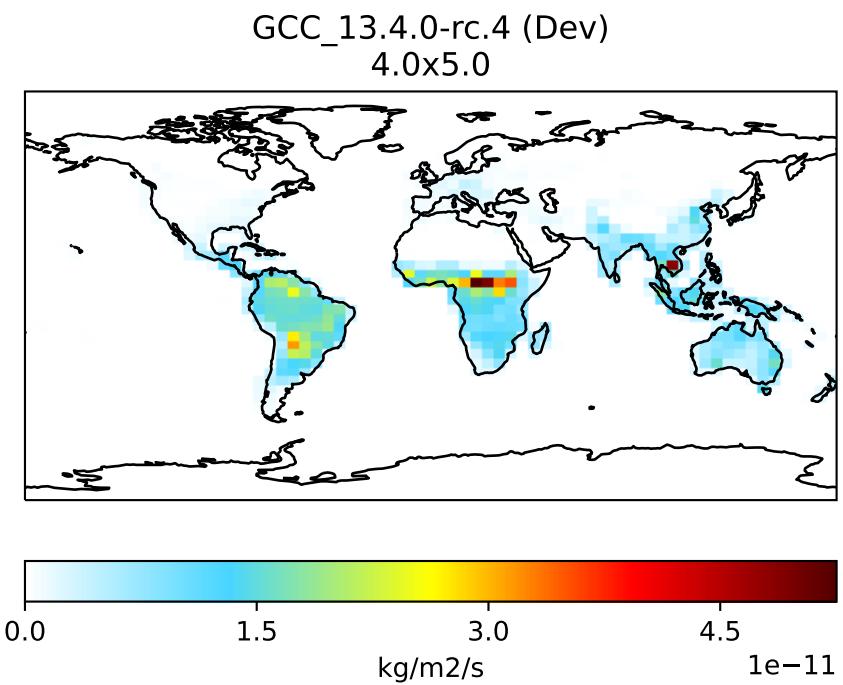
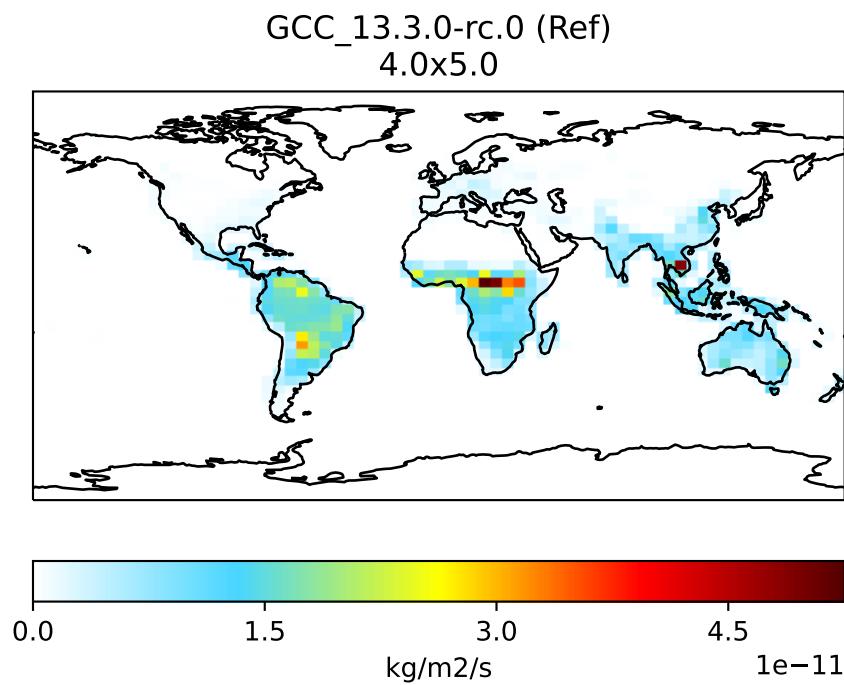
EmisPRPE_Biogenic (Jan2019)



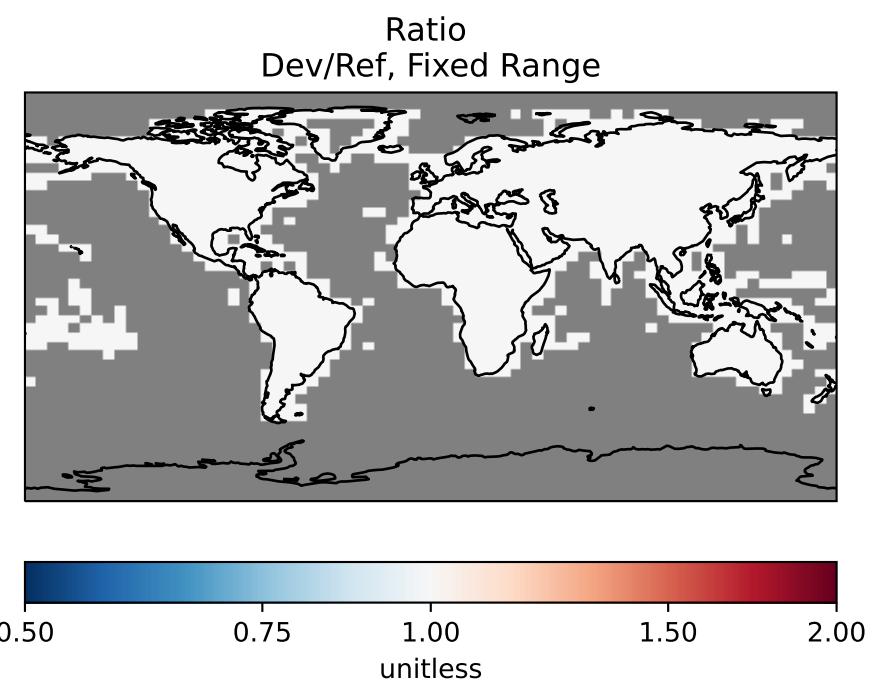
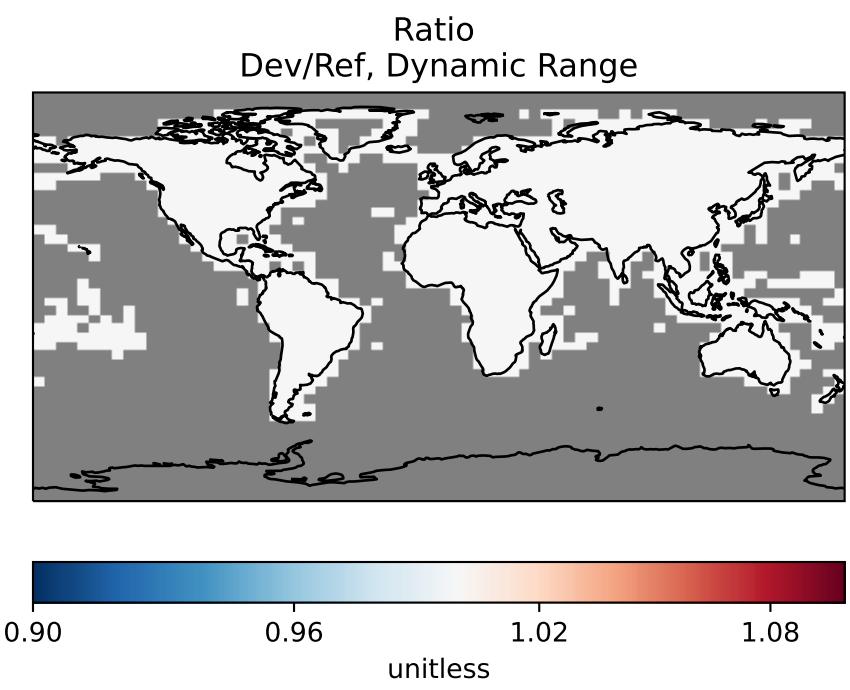
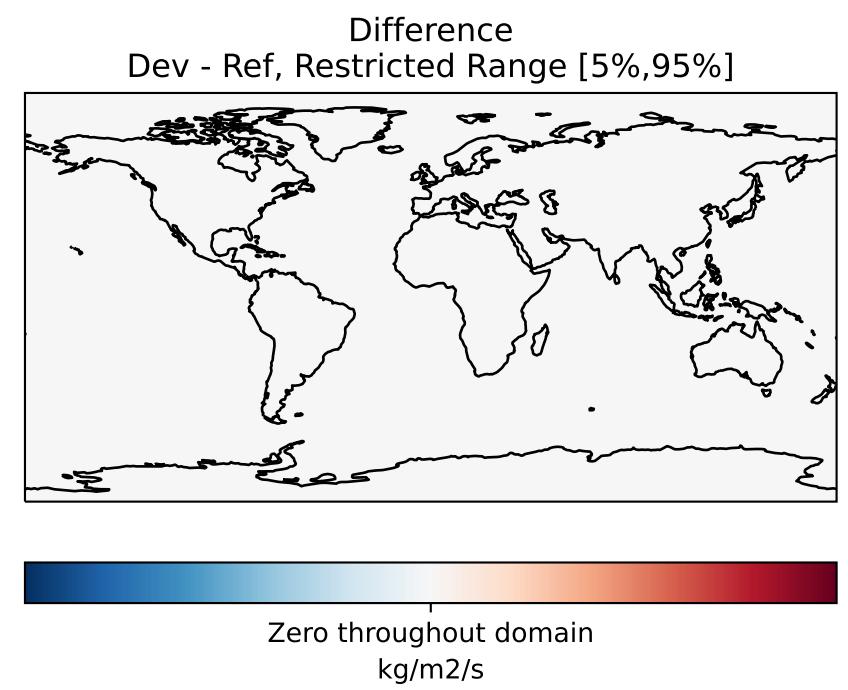
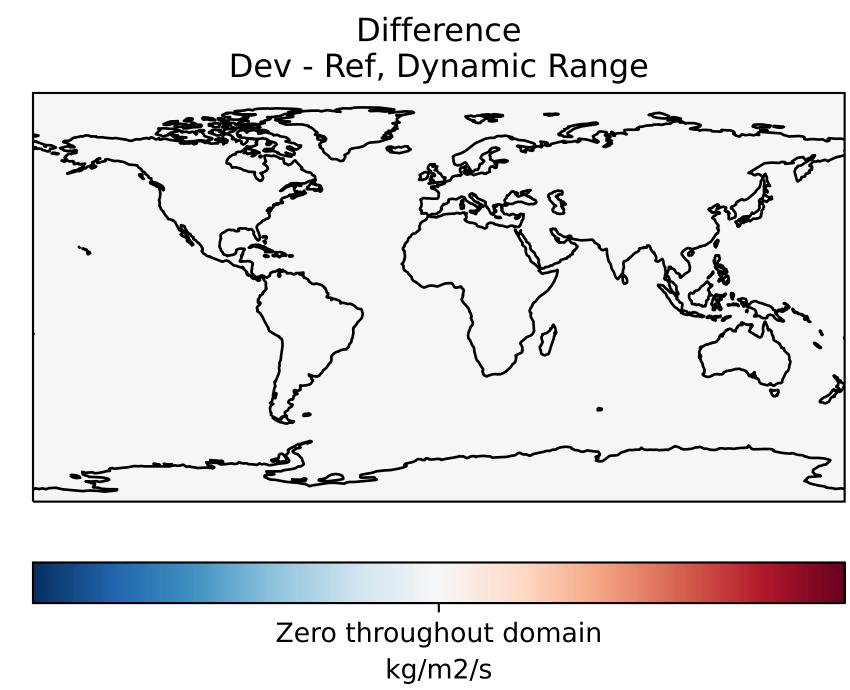
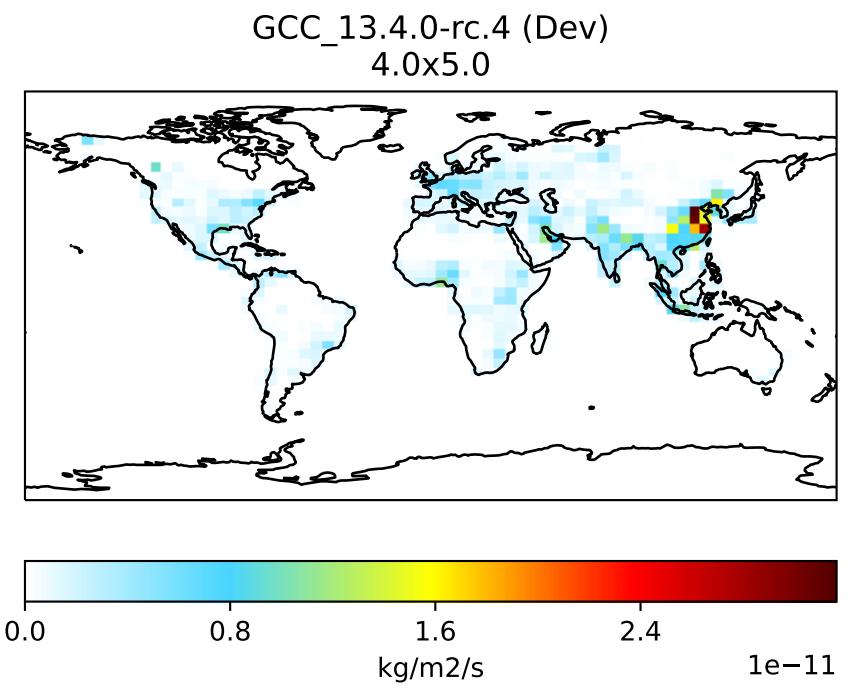
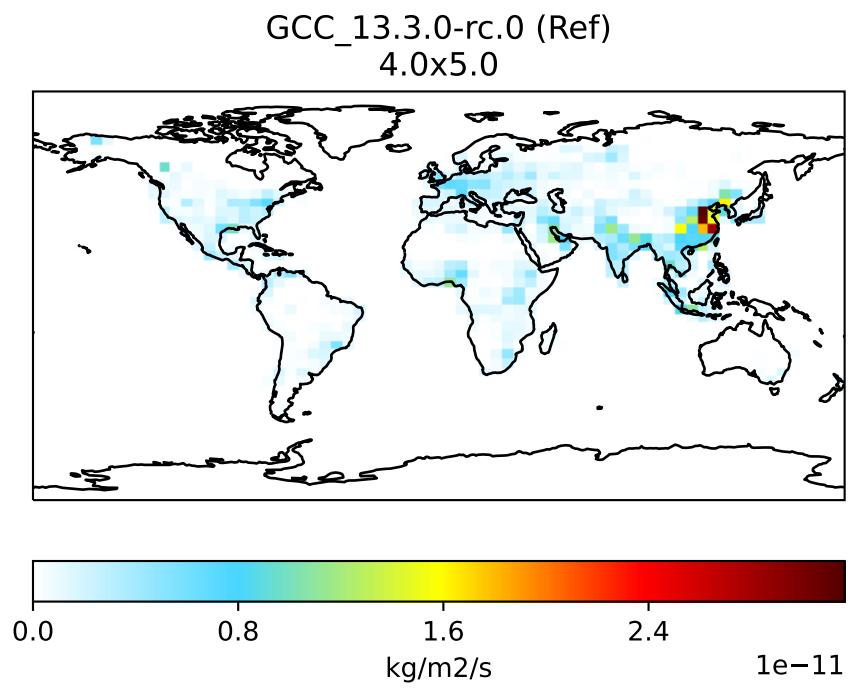
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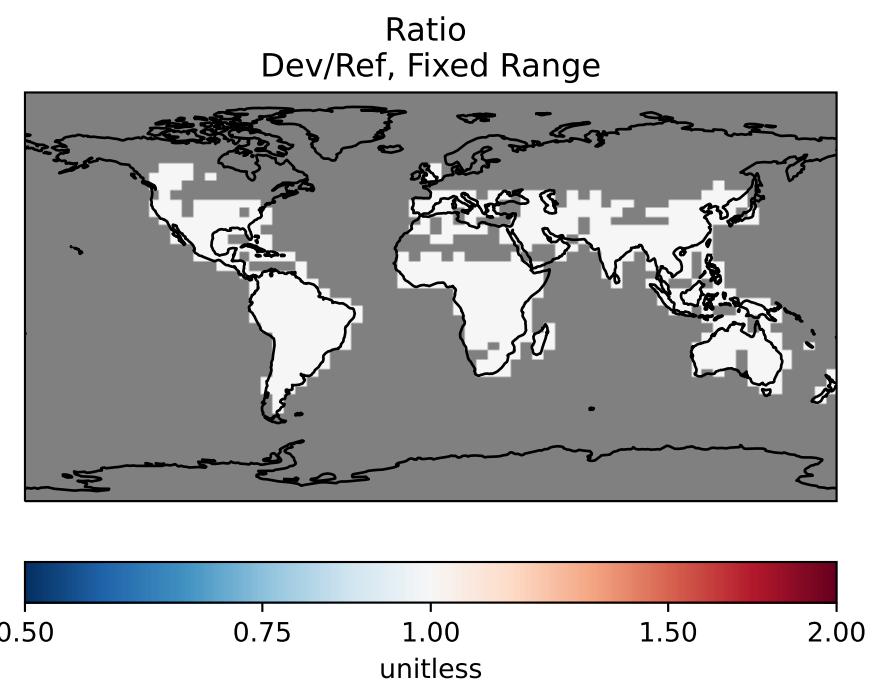
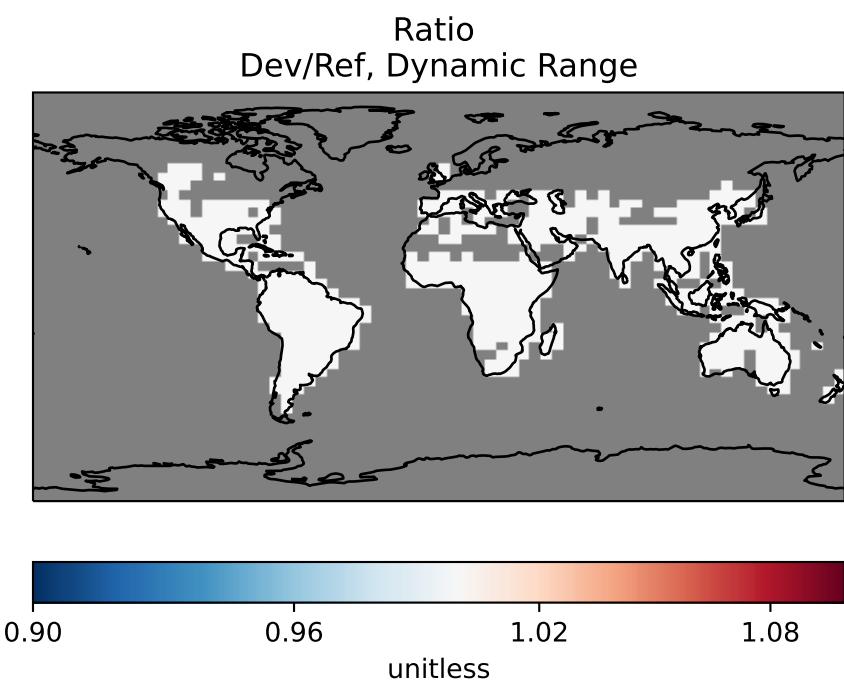
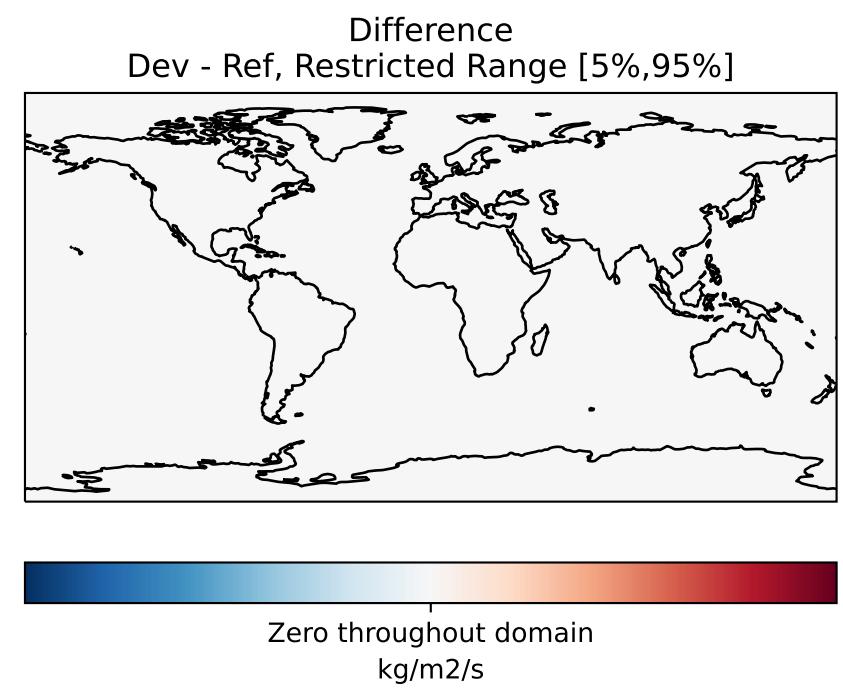
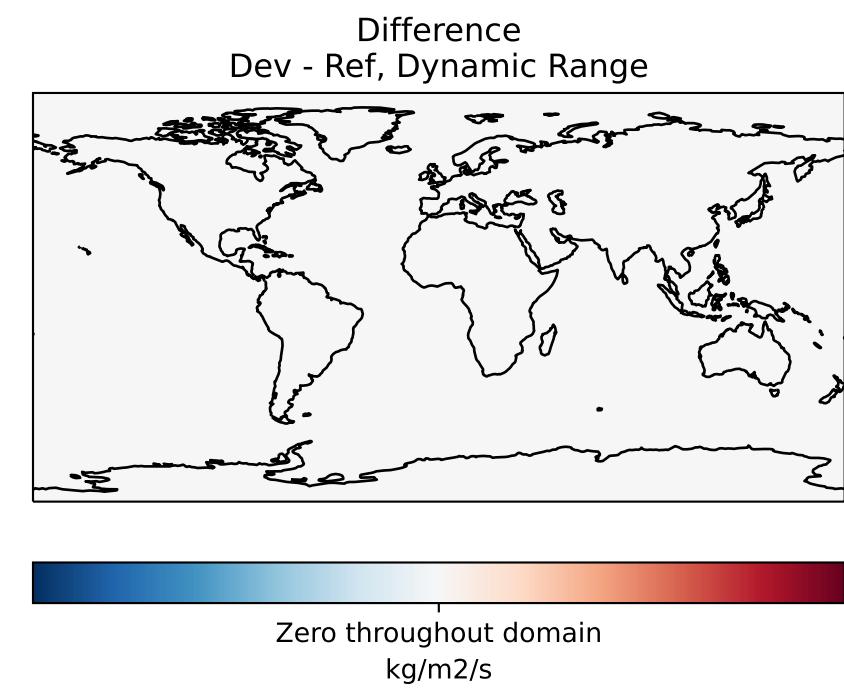
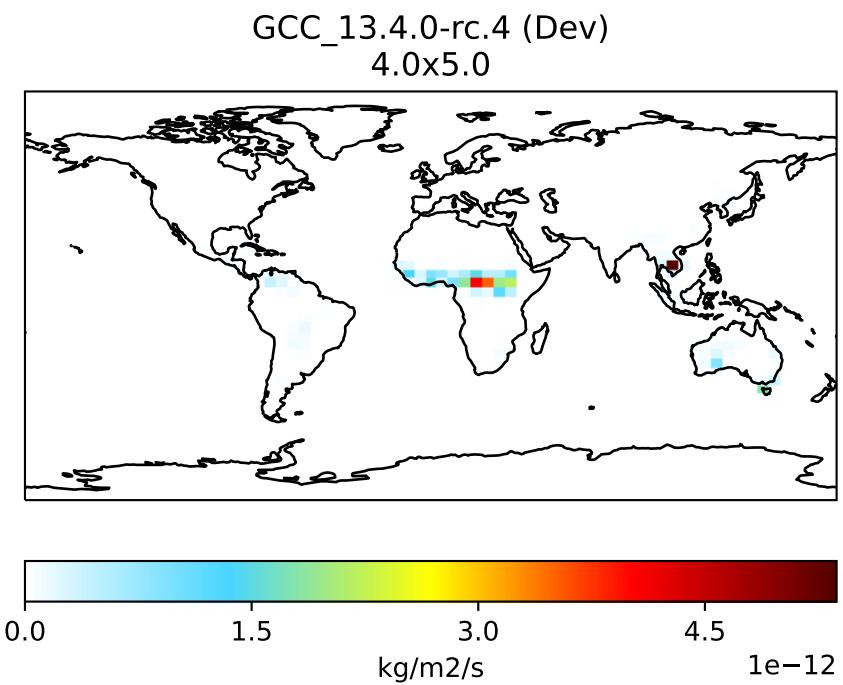
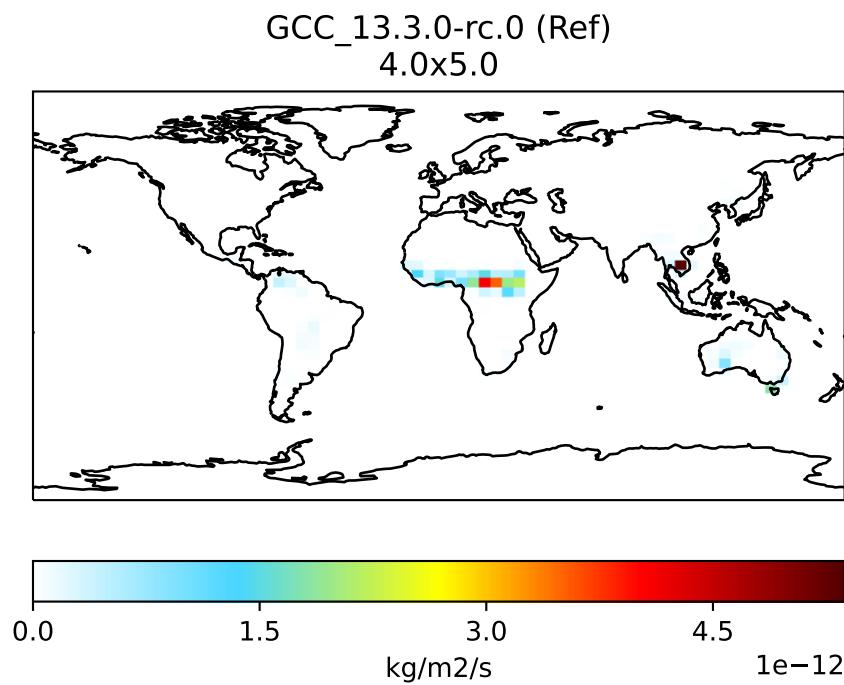
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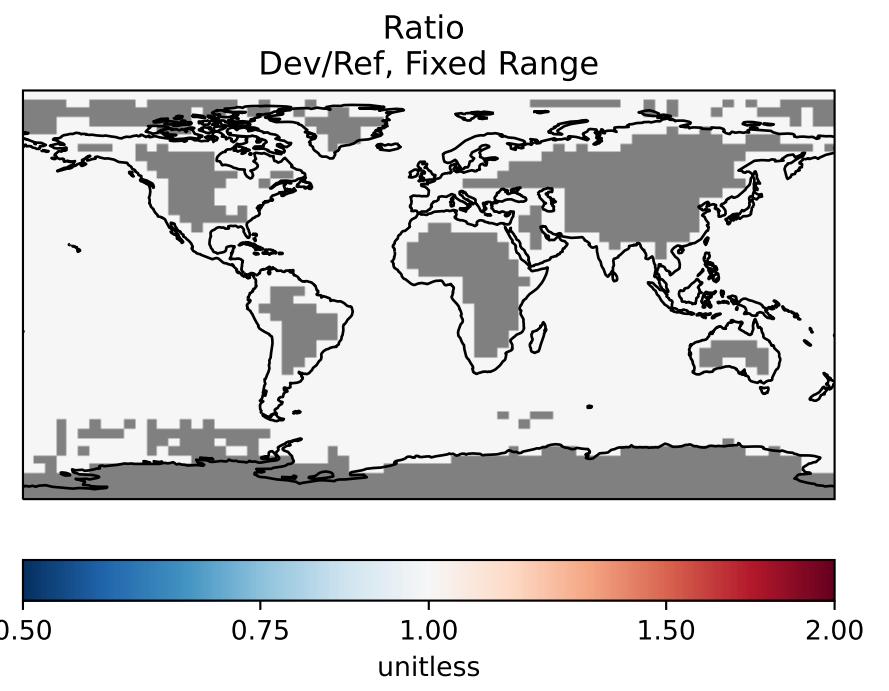
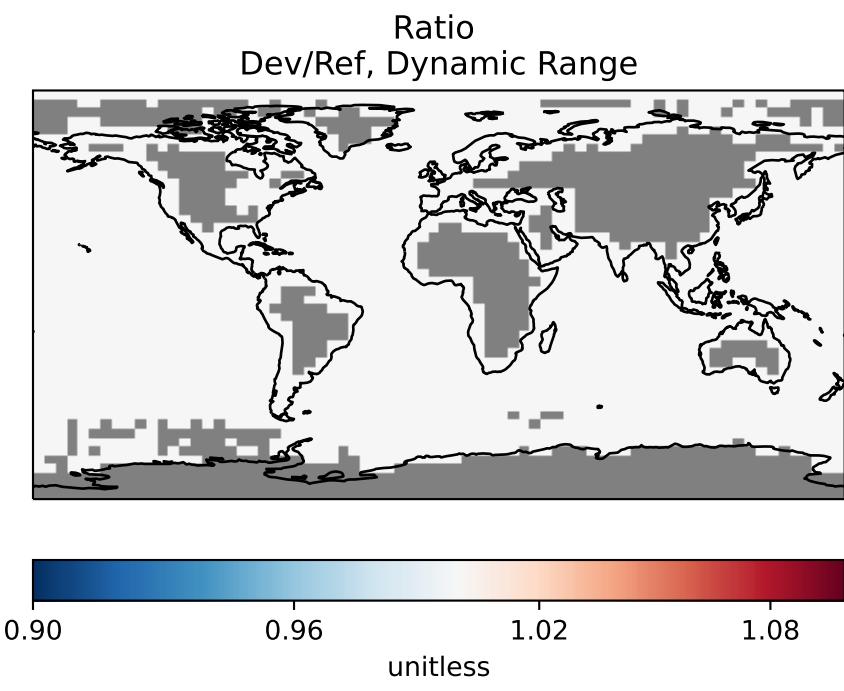
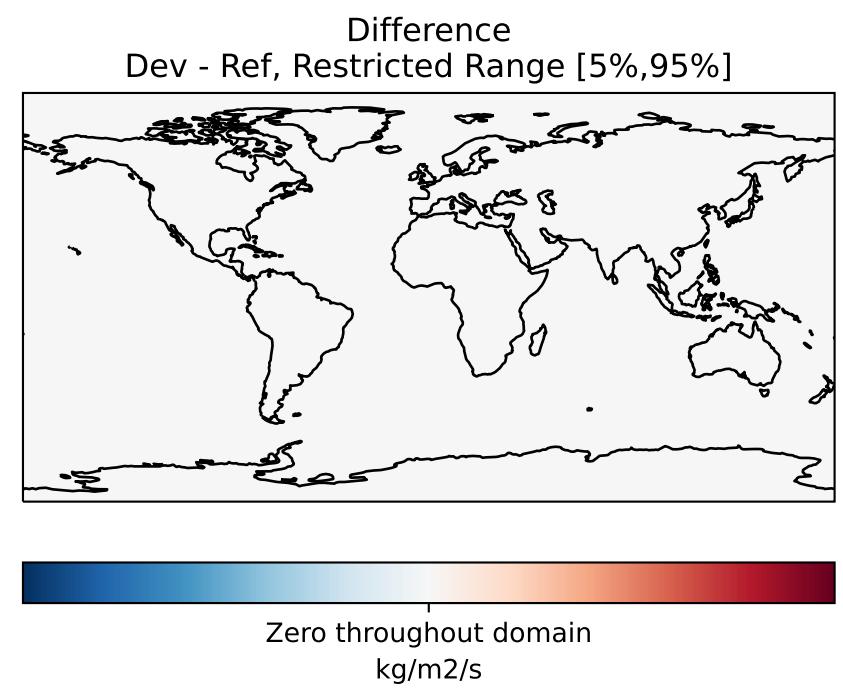
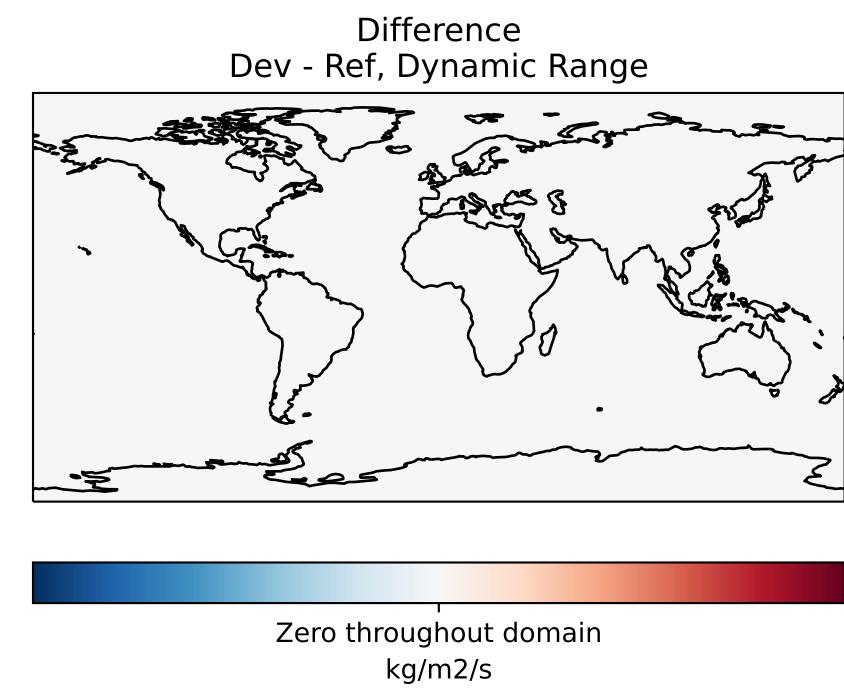
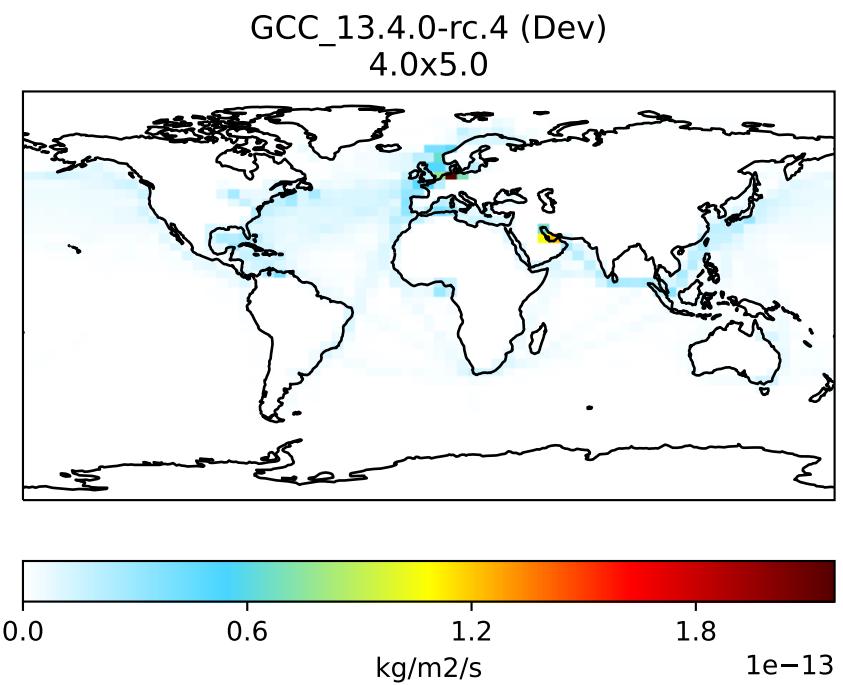
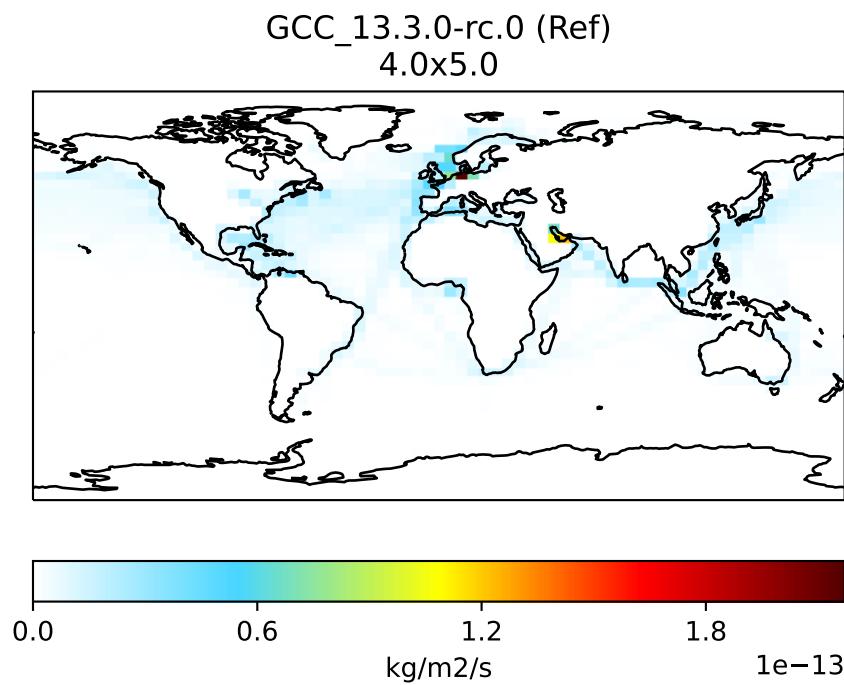
EmisTOLU_Anthro (Jan2019)



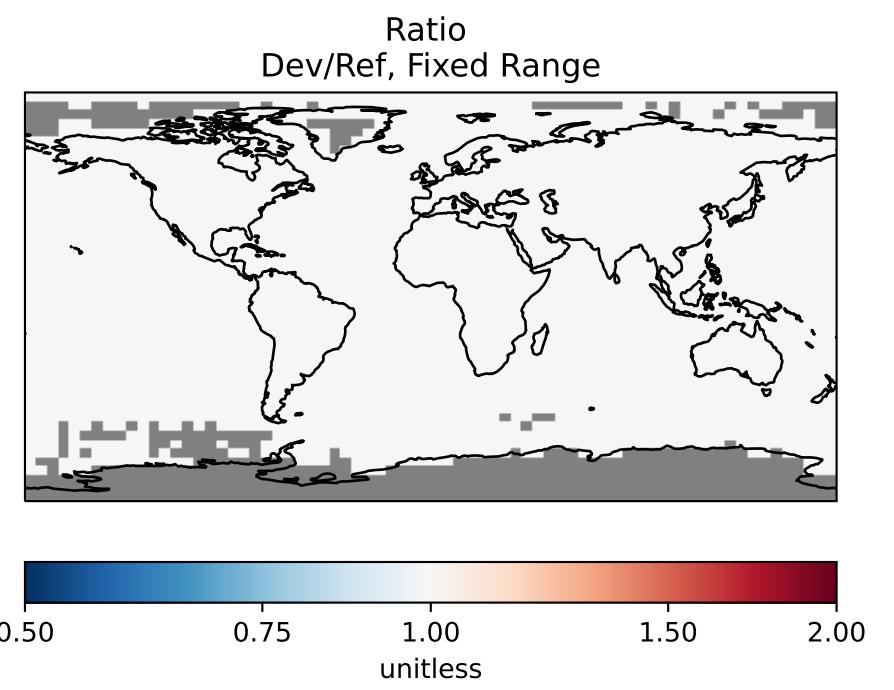
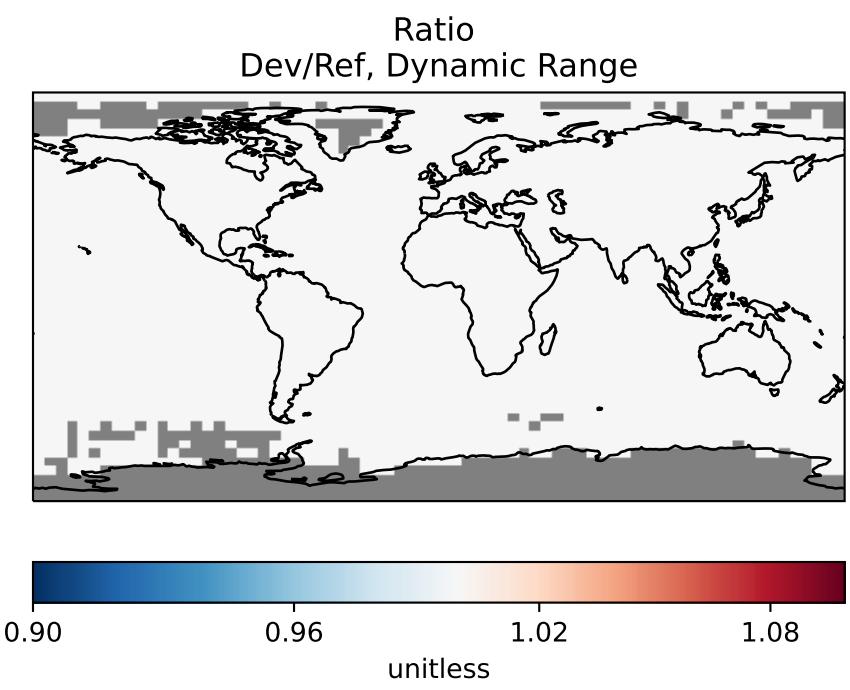
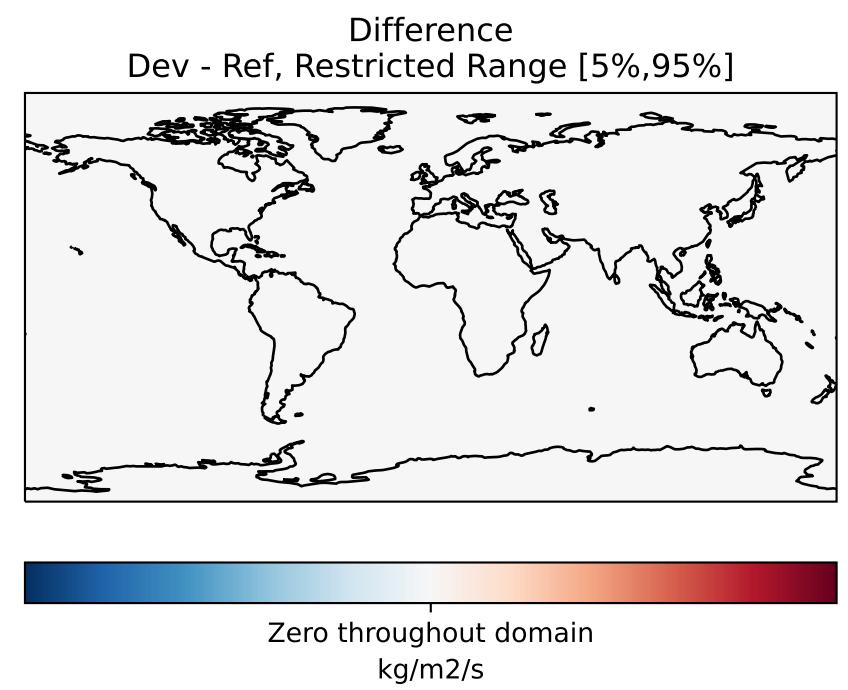
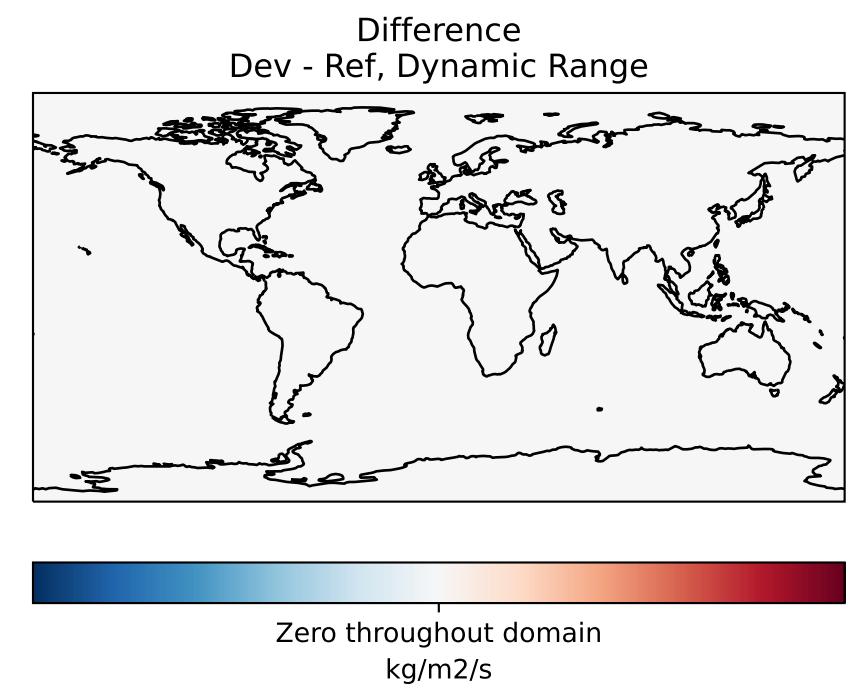
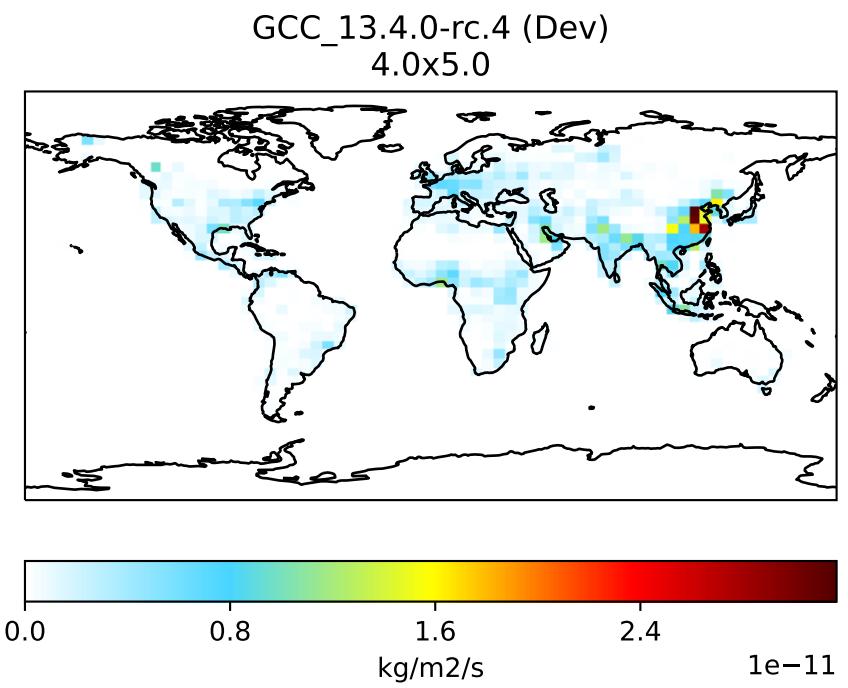
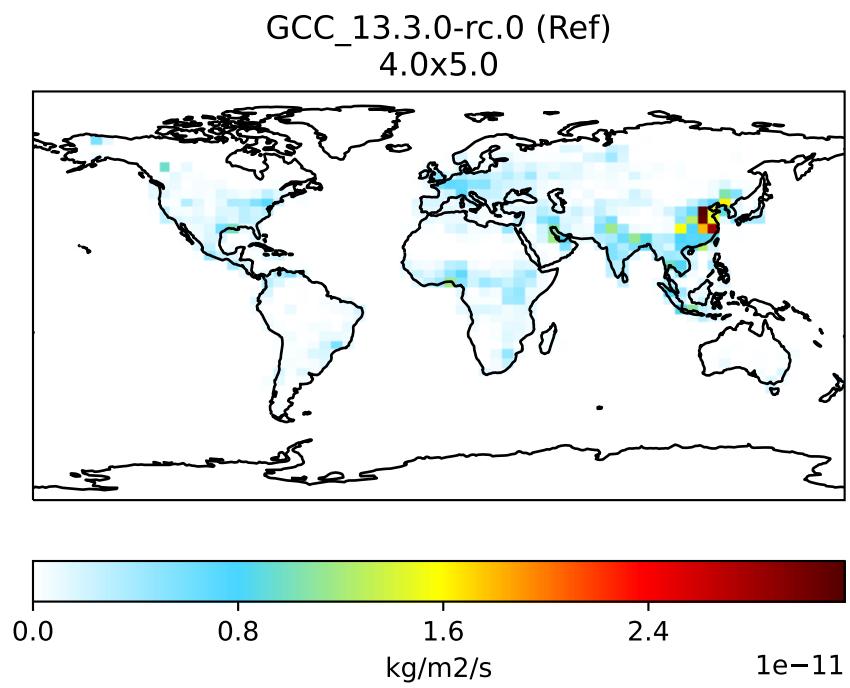
EmisTOLU_BioBurn (Jan2019)



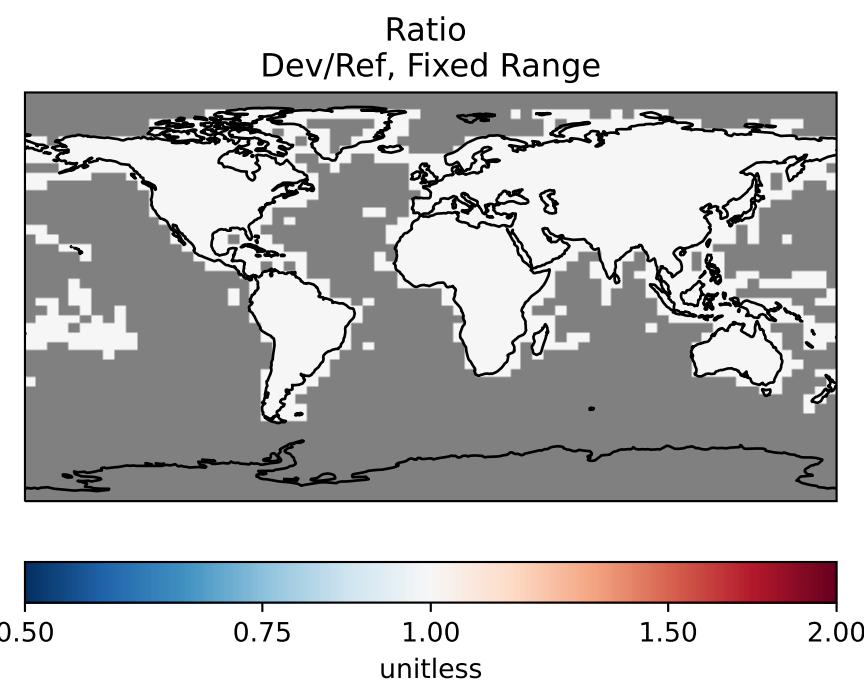
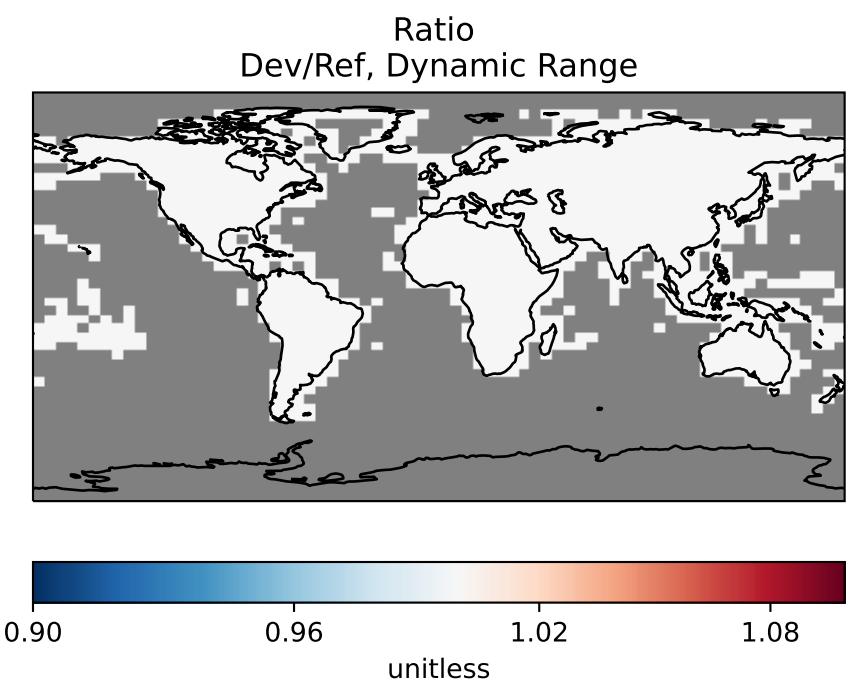
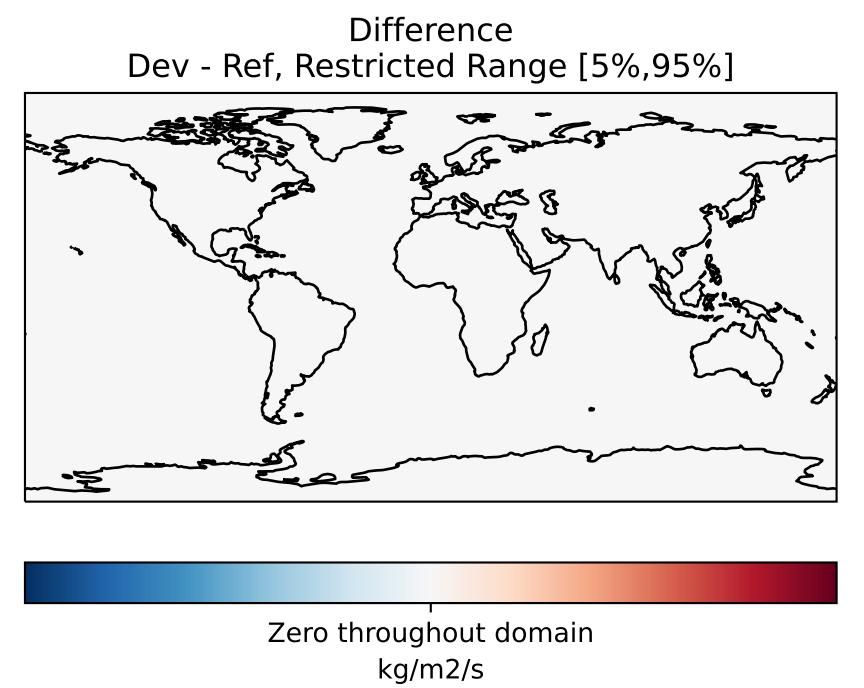
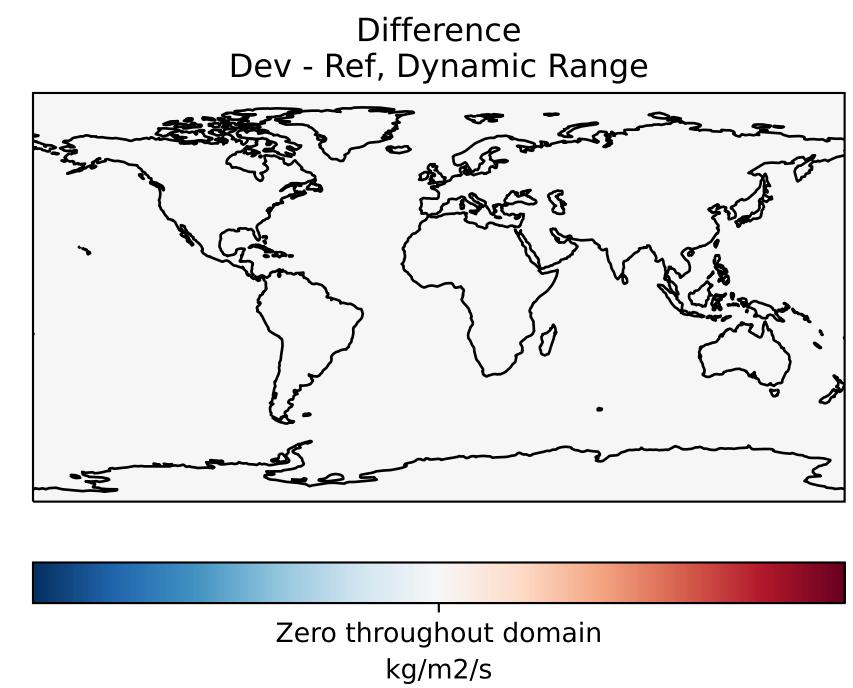
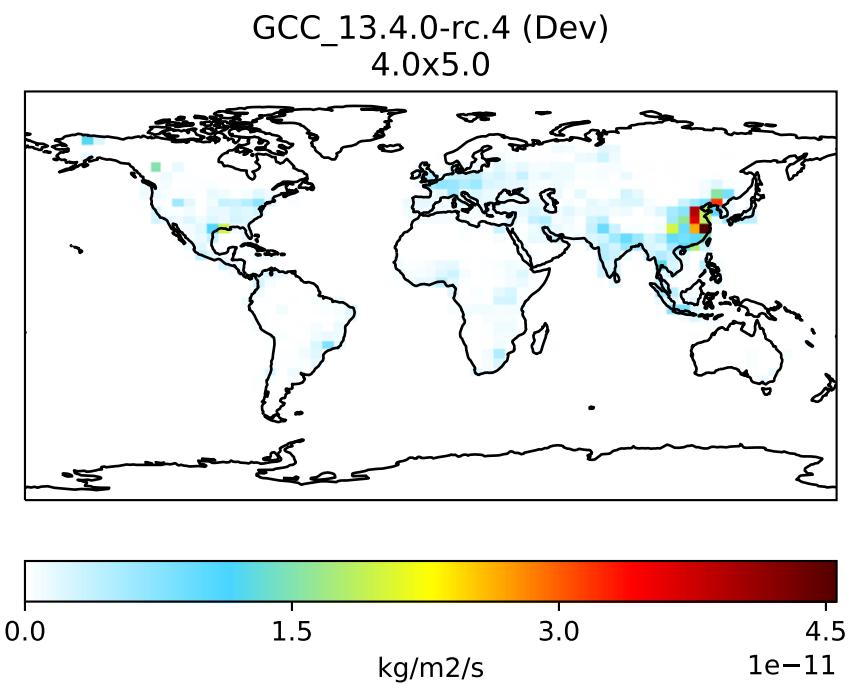
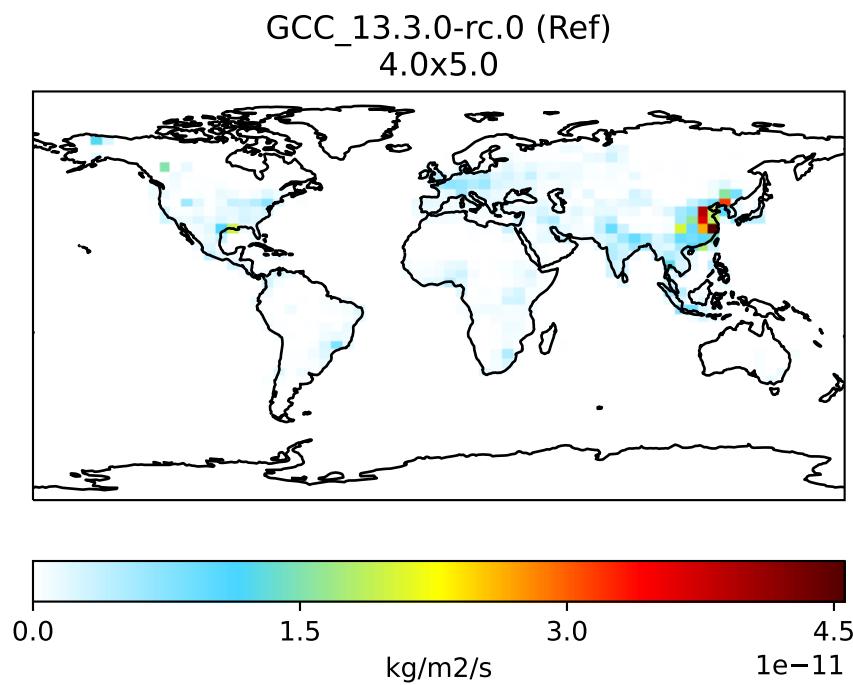
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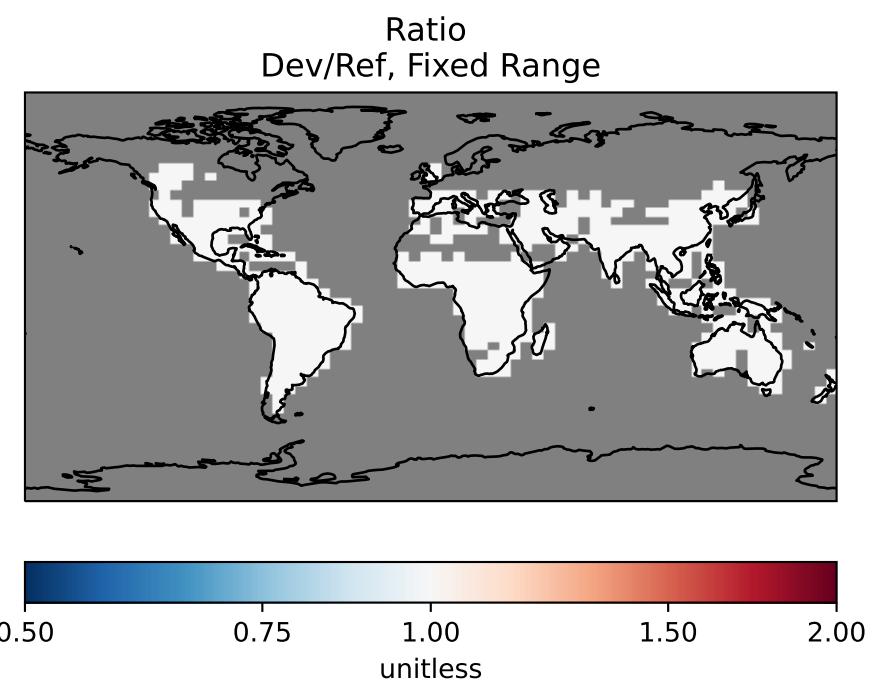
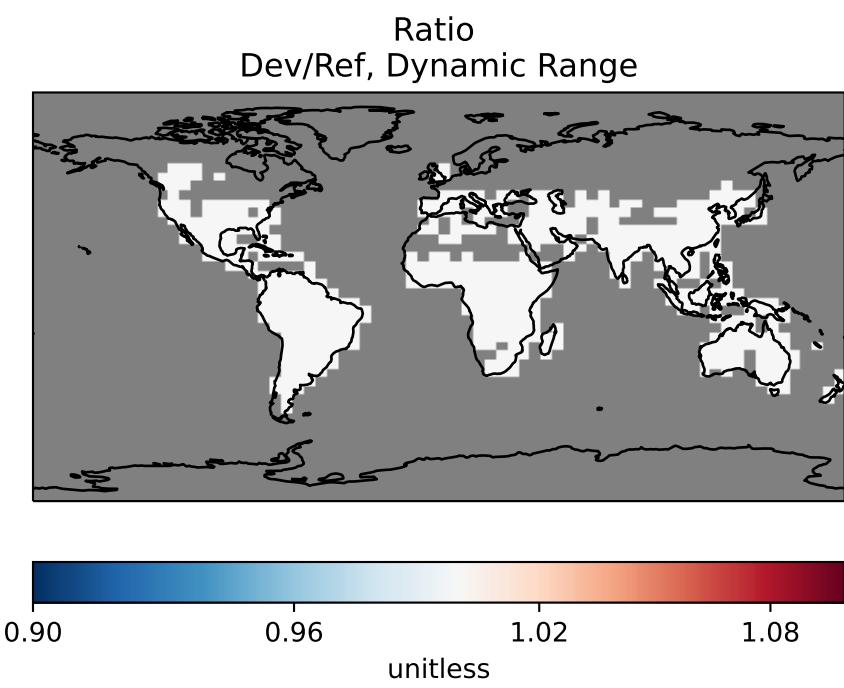
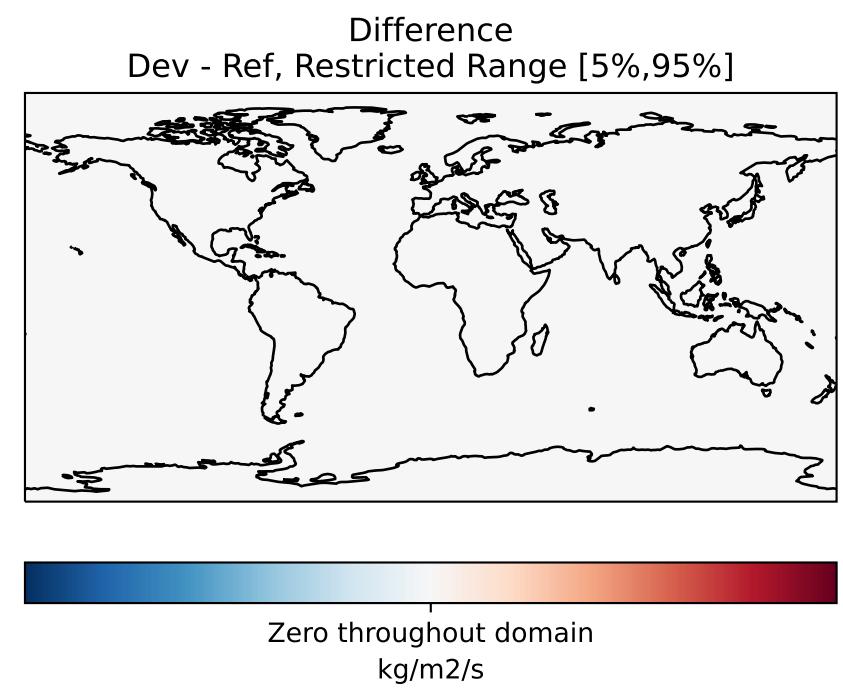
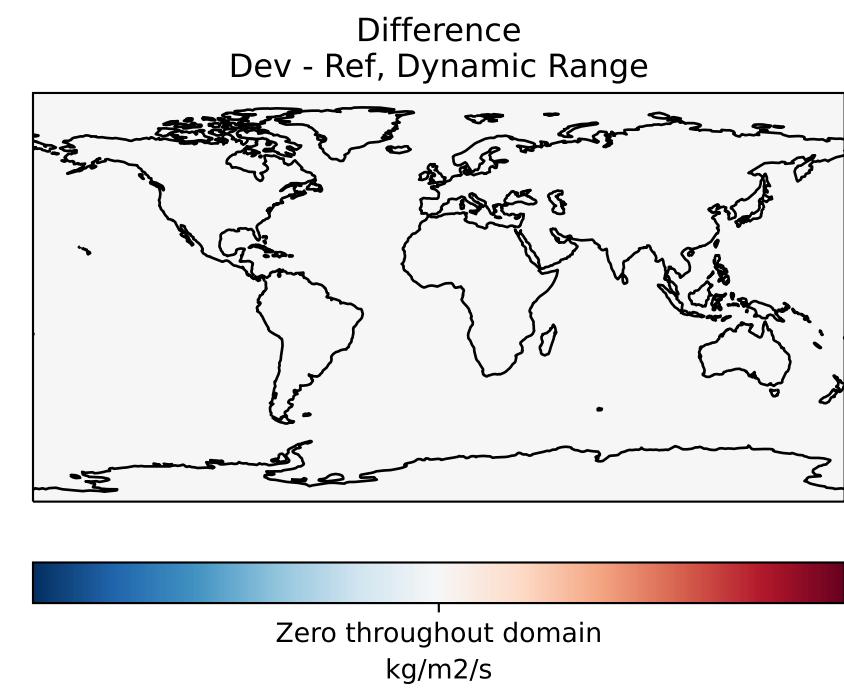
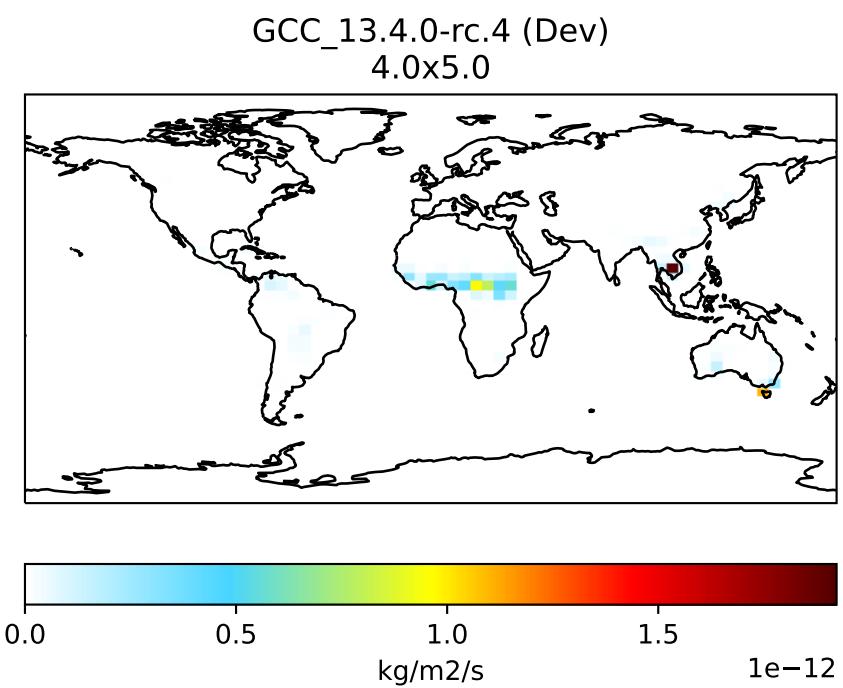
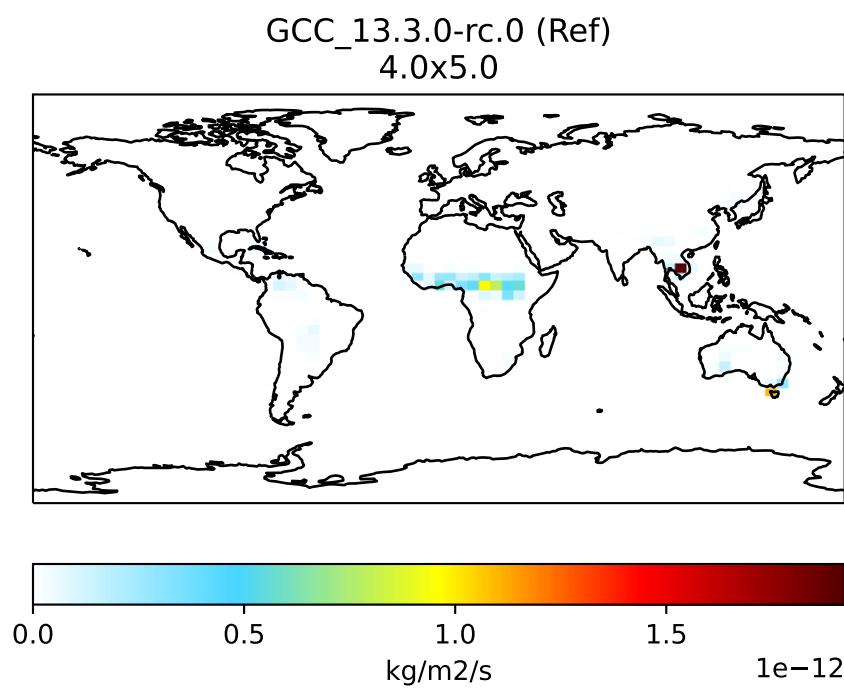
EmisTOLU_Total (Jan2019)



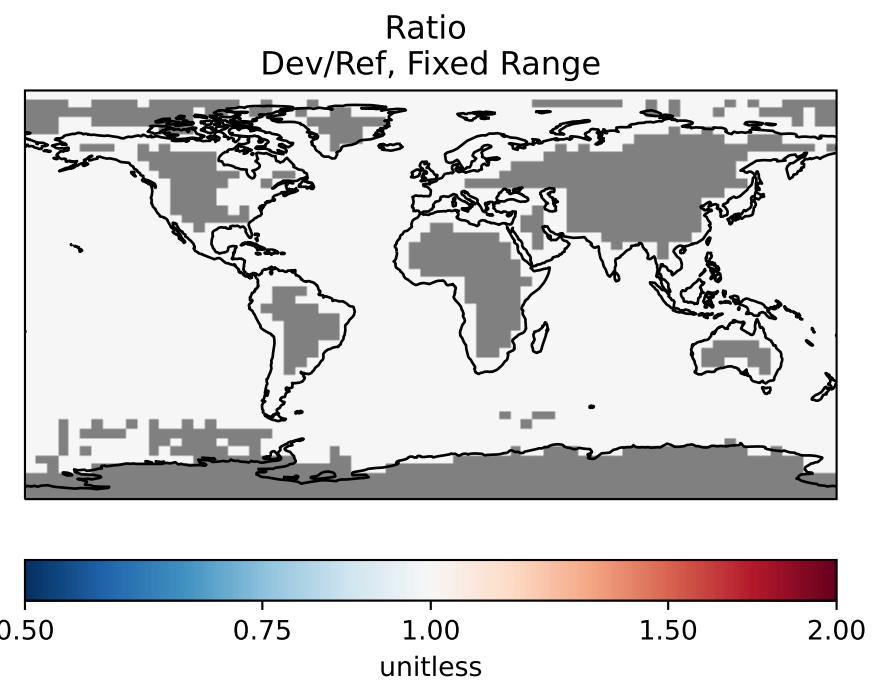
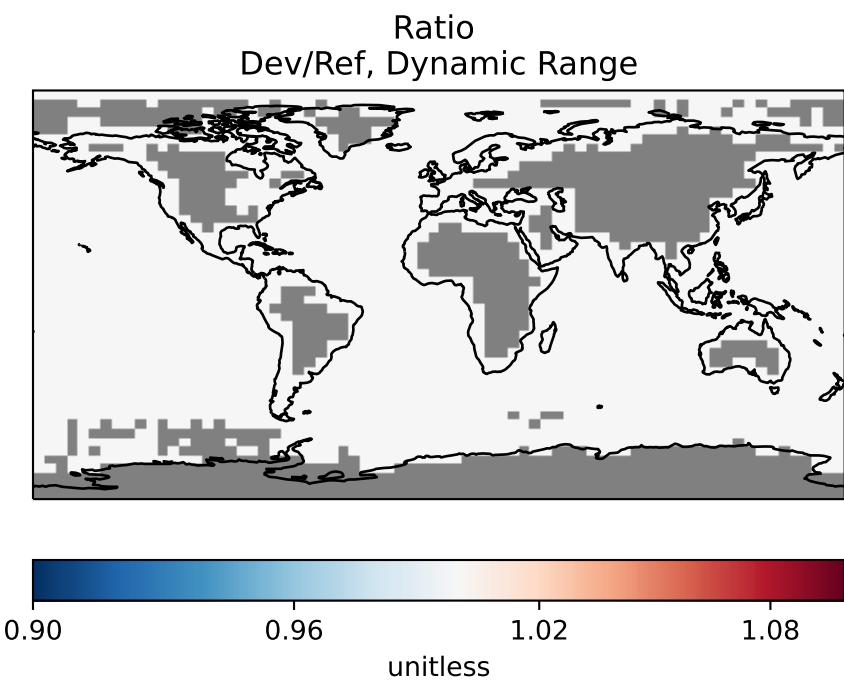
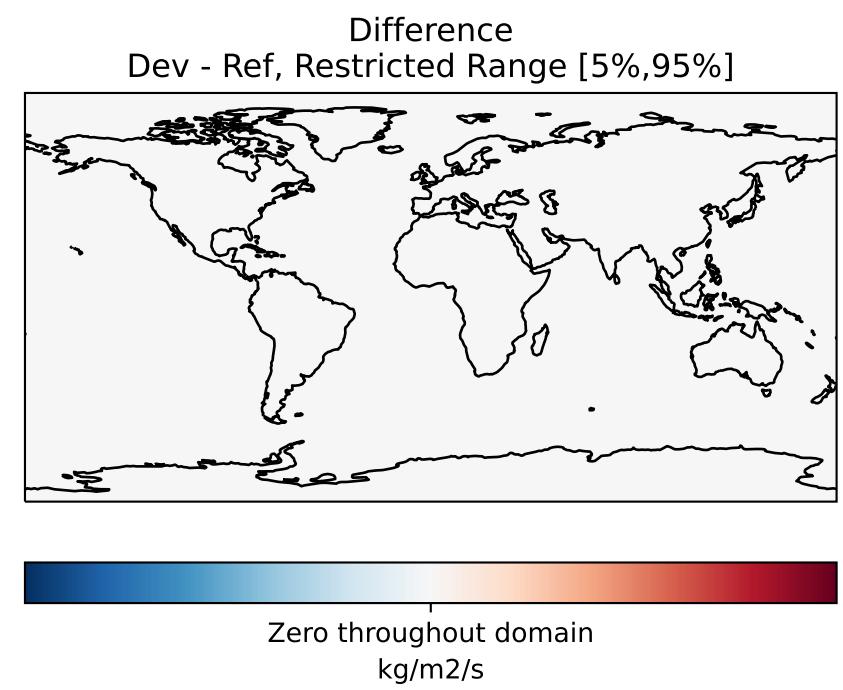
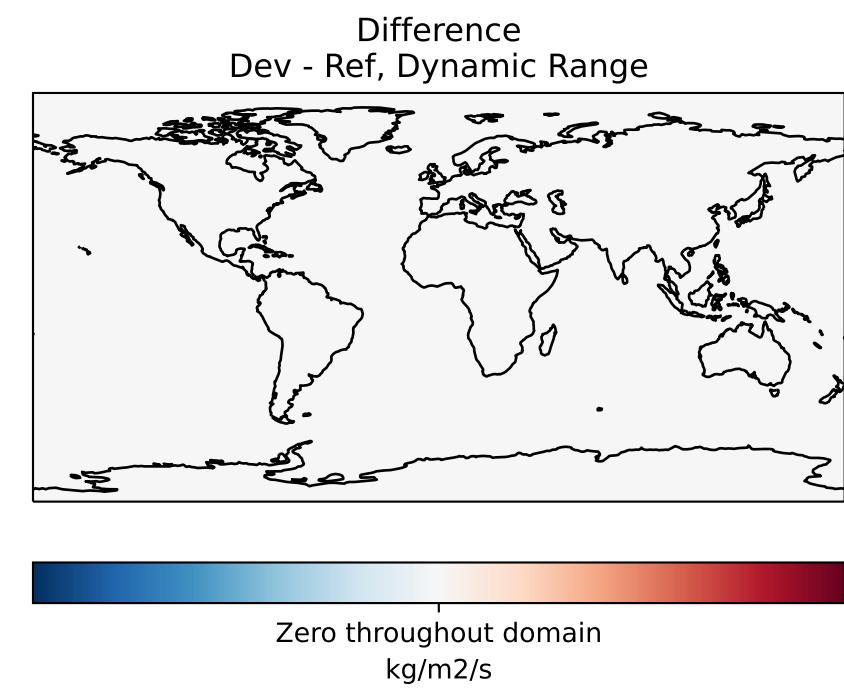
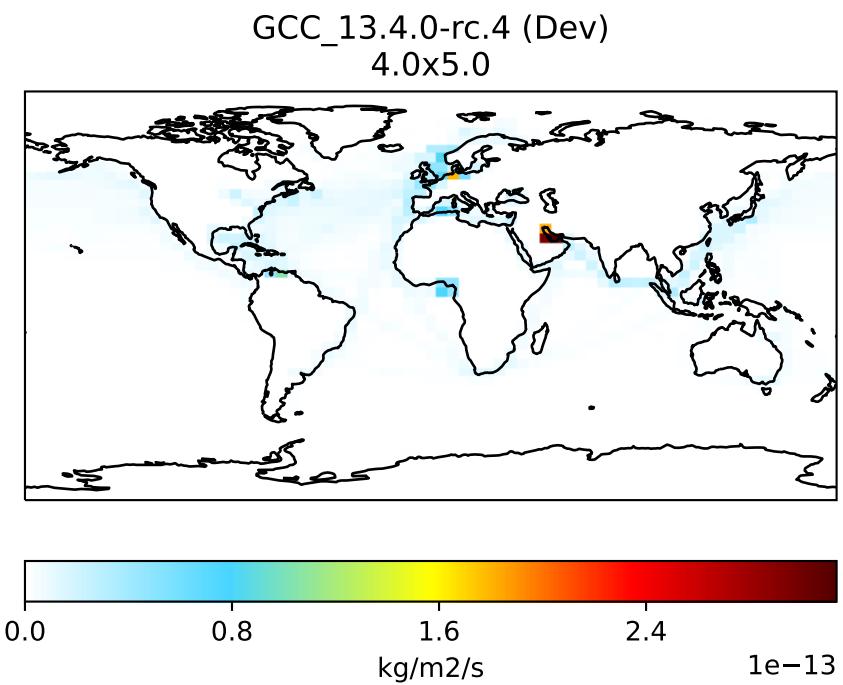
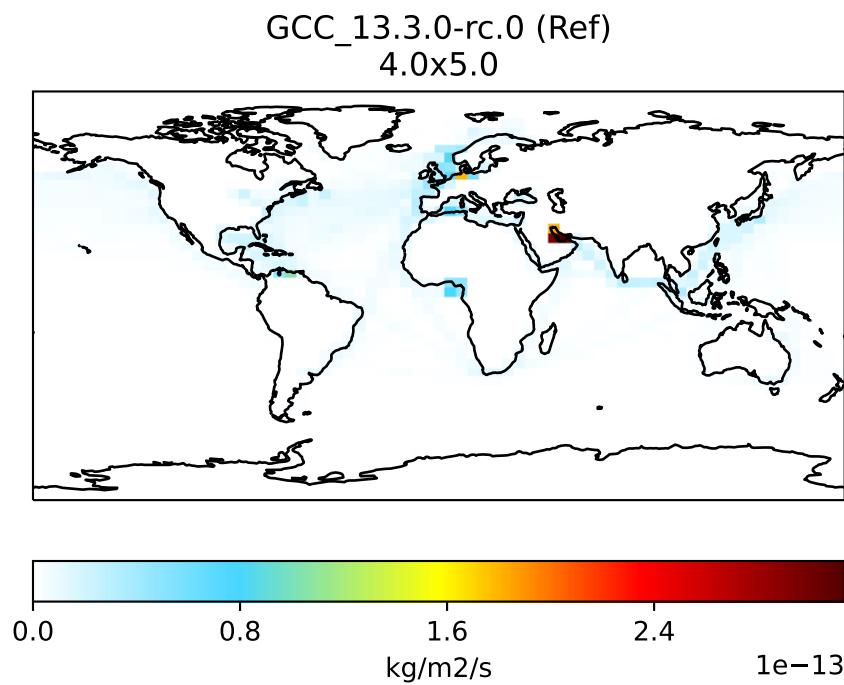
EmisXYLE_Anthro (Jan2019)



EmisXYLE_BioBurn (Jan2019)



EmisXYLE_Ship (Jan2019)



EmisXYLE_Total (Jan2019)

