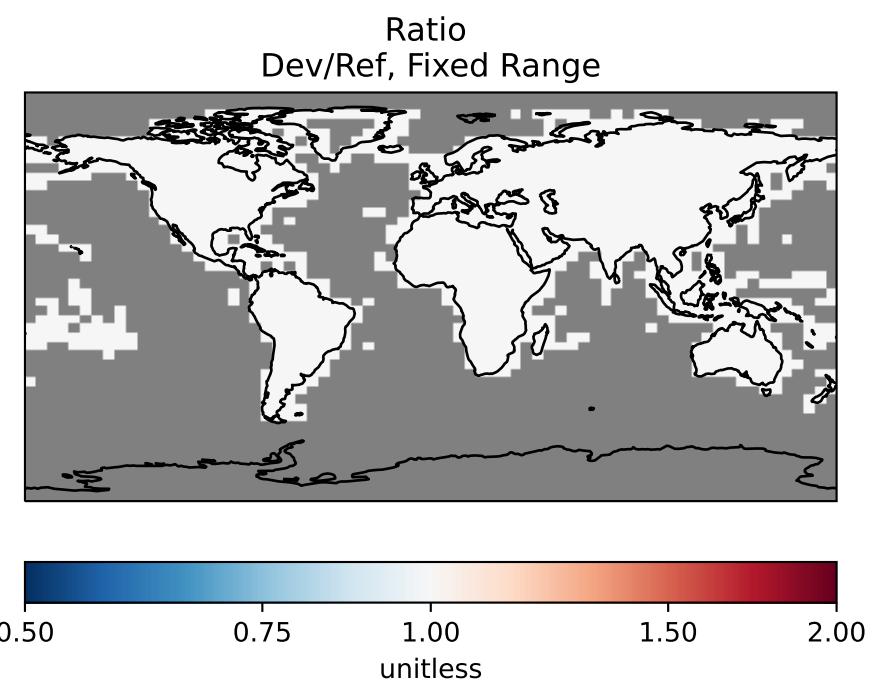
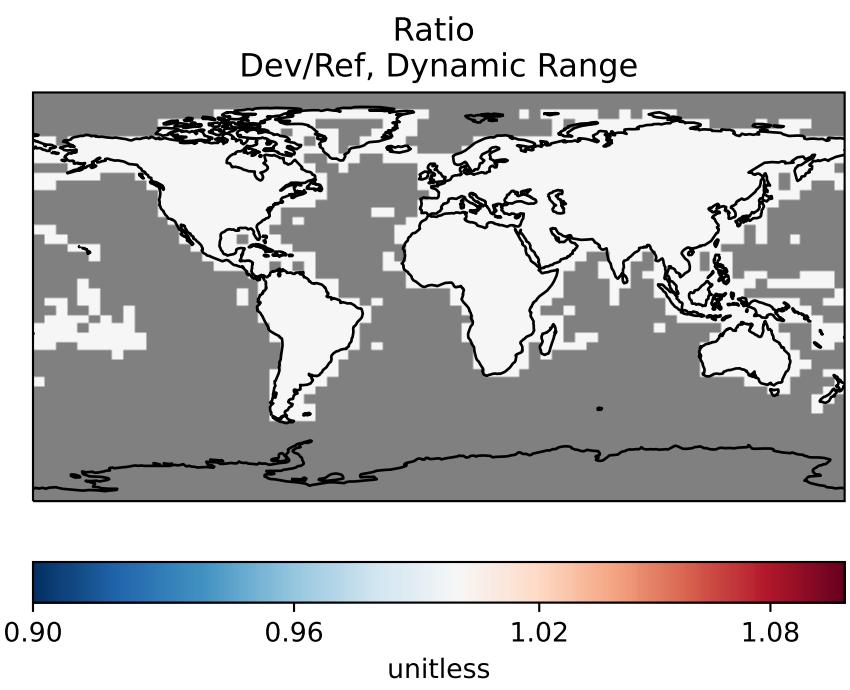
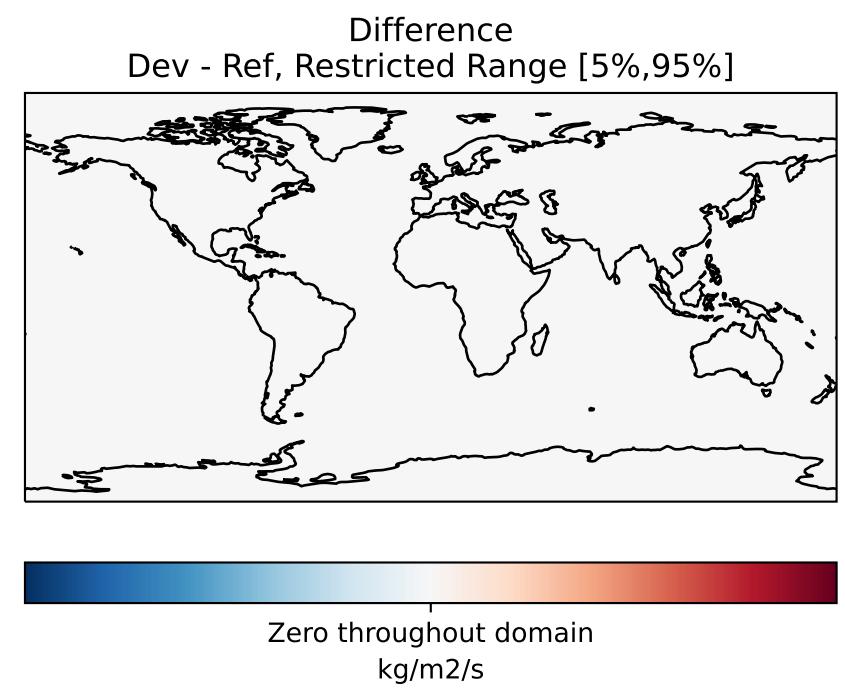
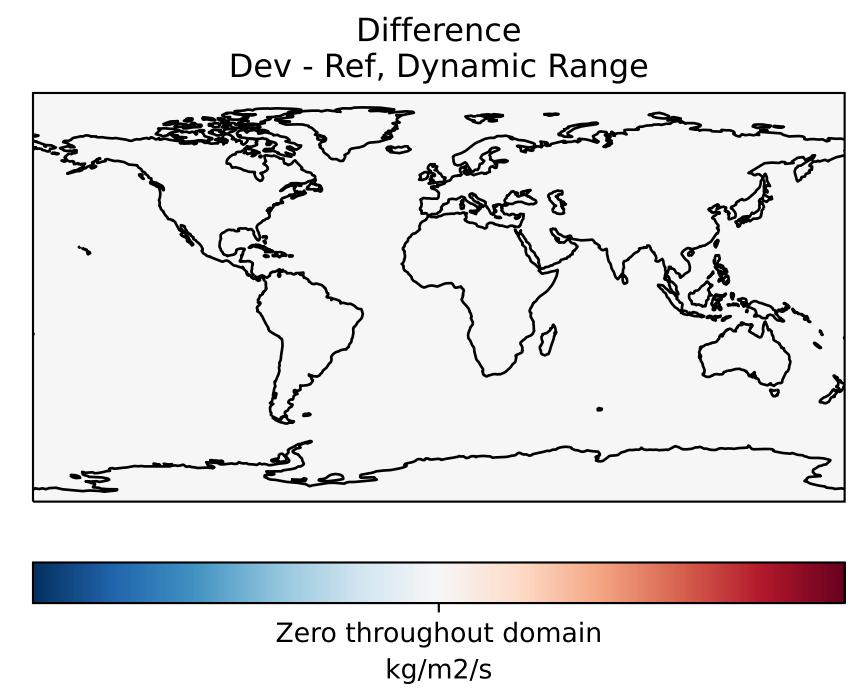
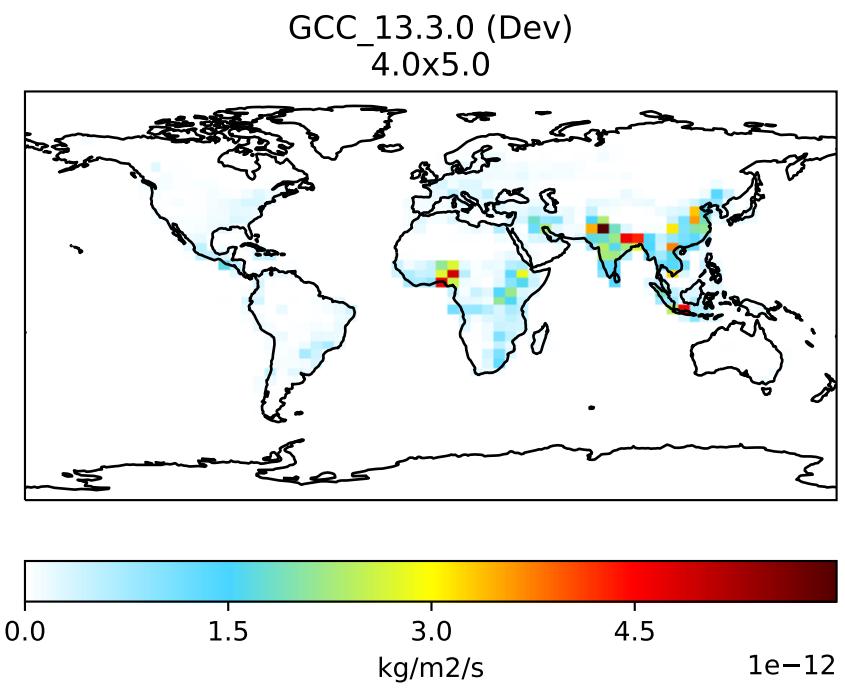
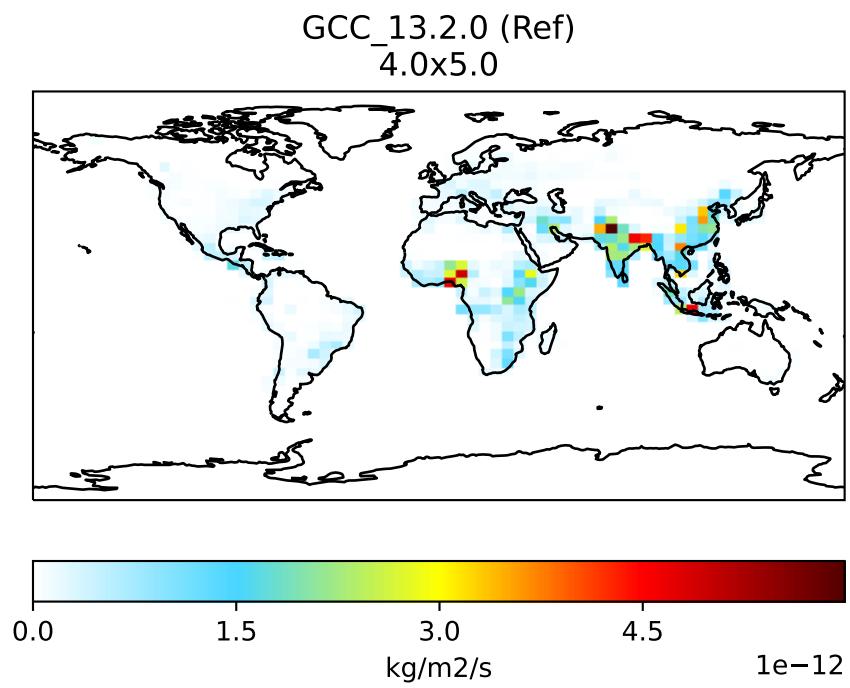
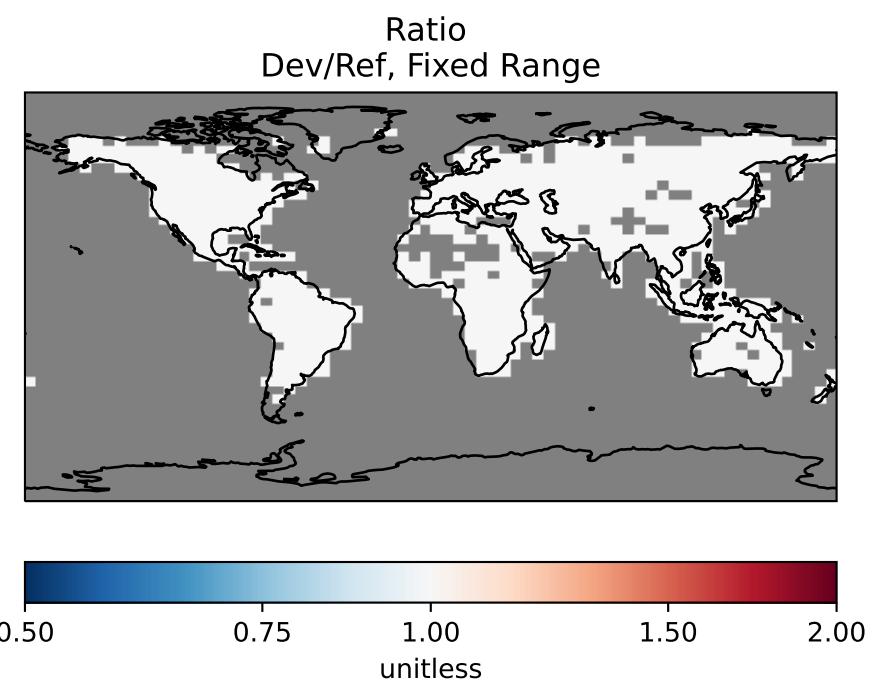
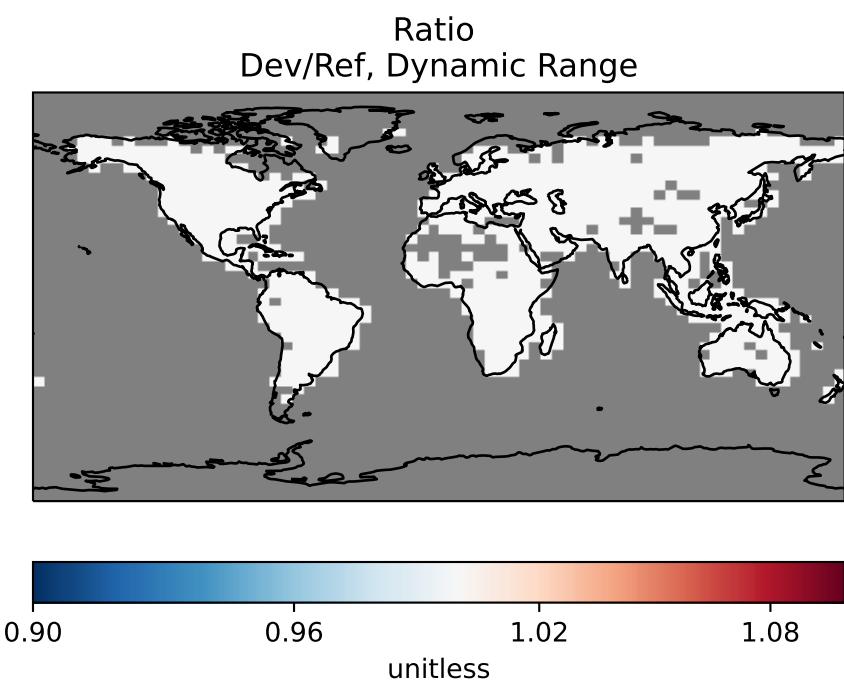
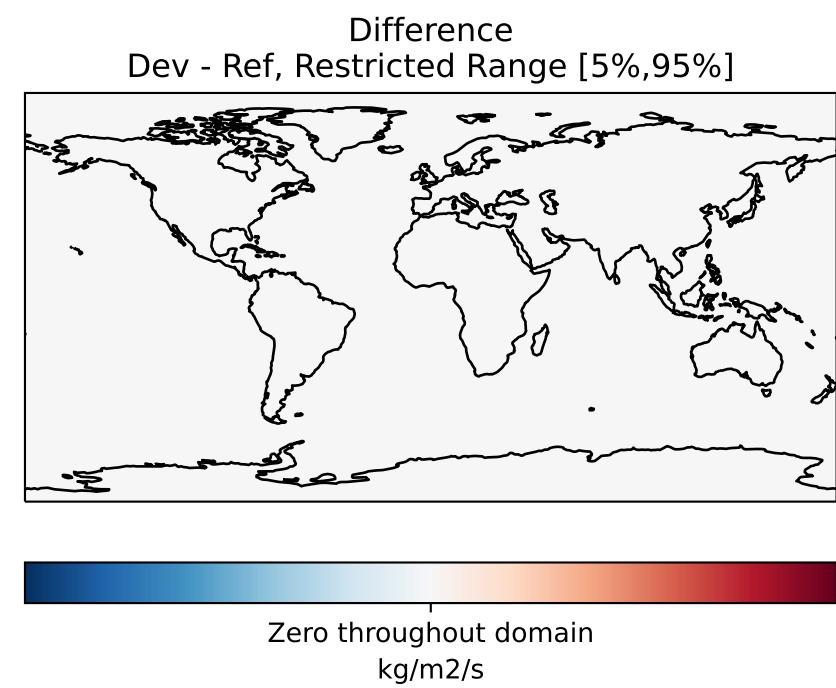
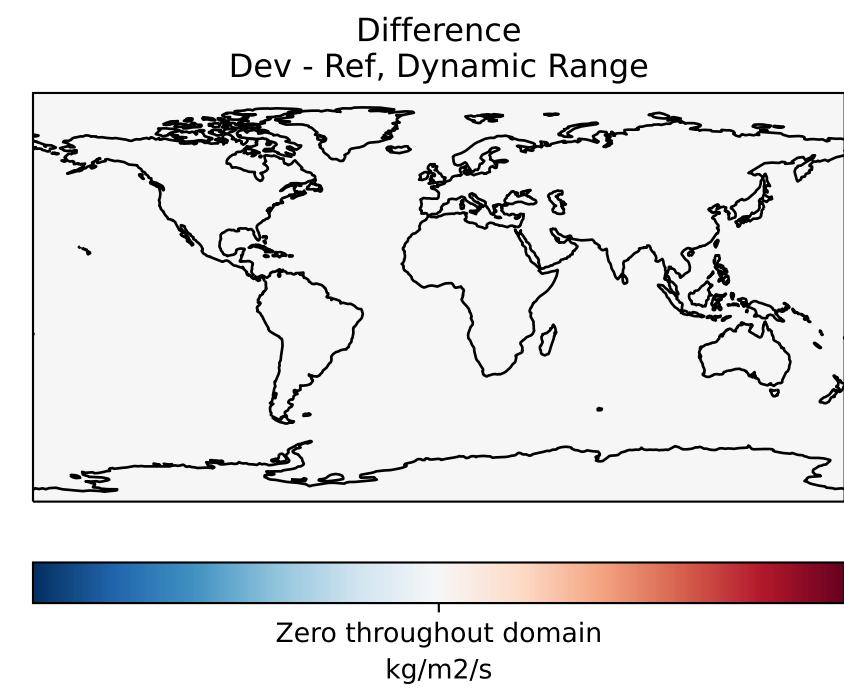
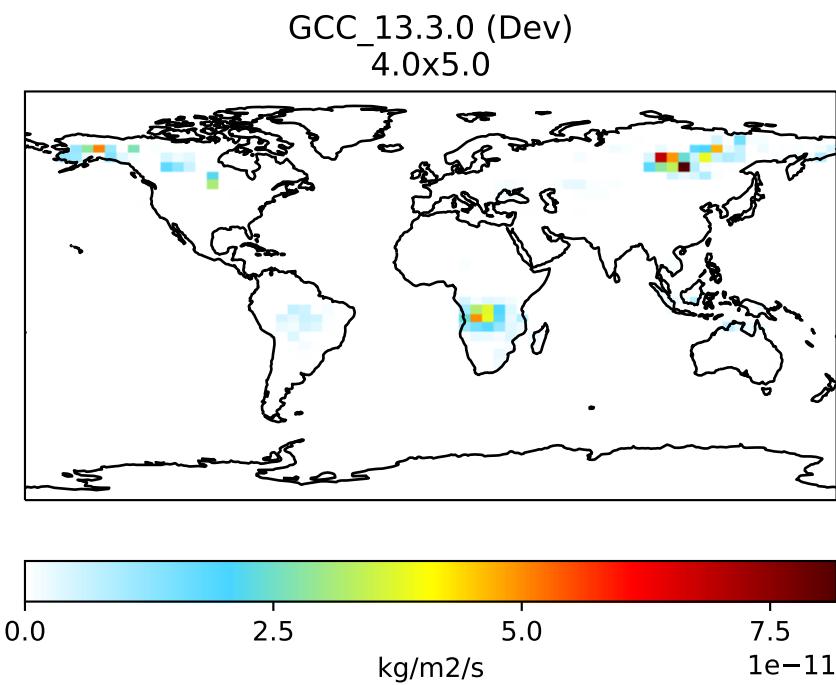
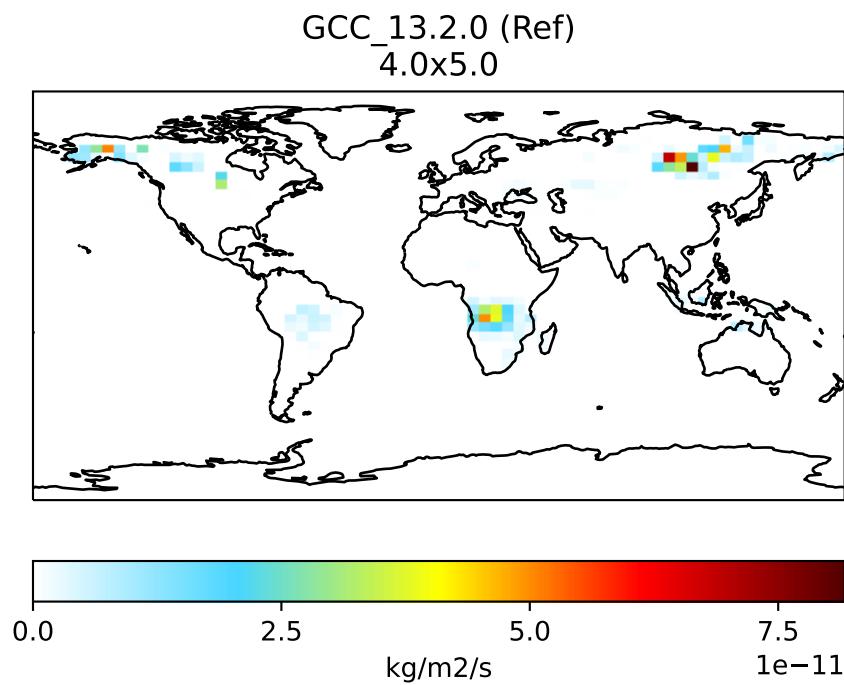


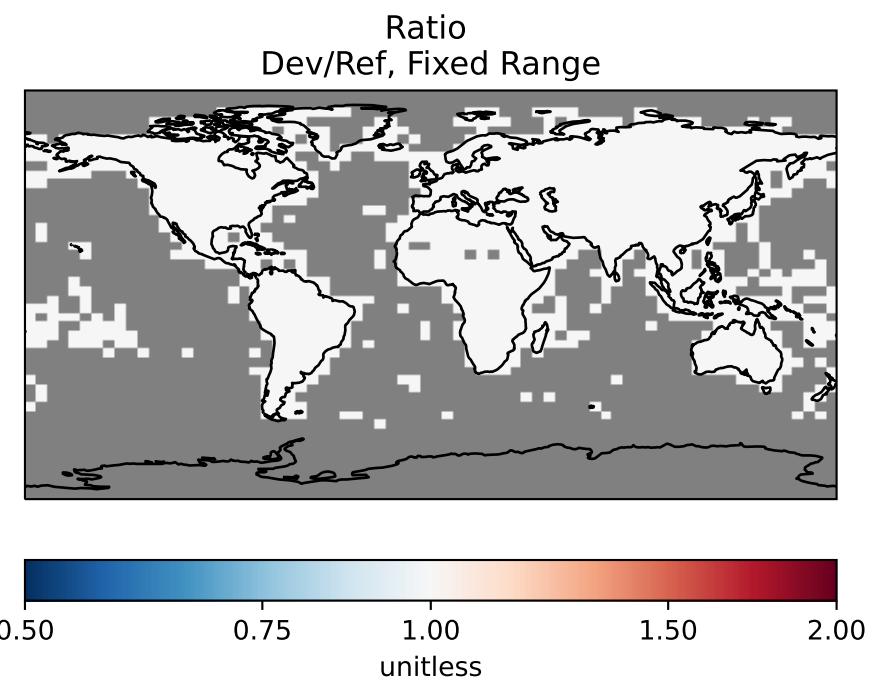
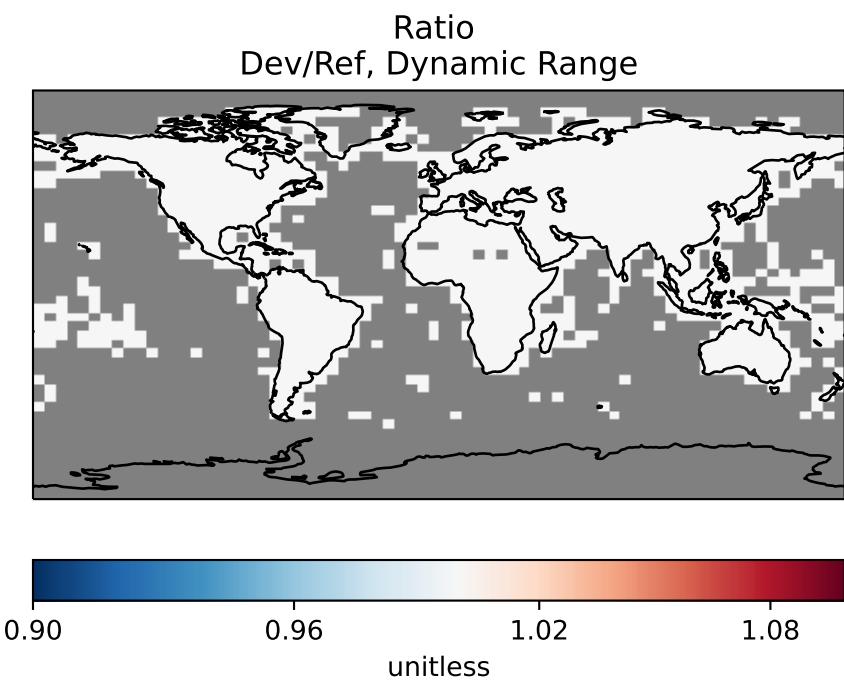
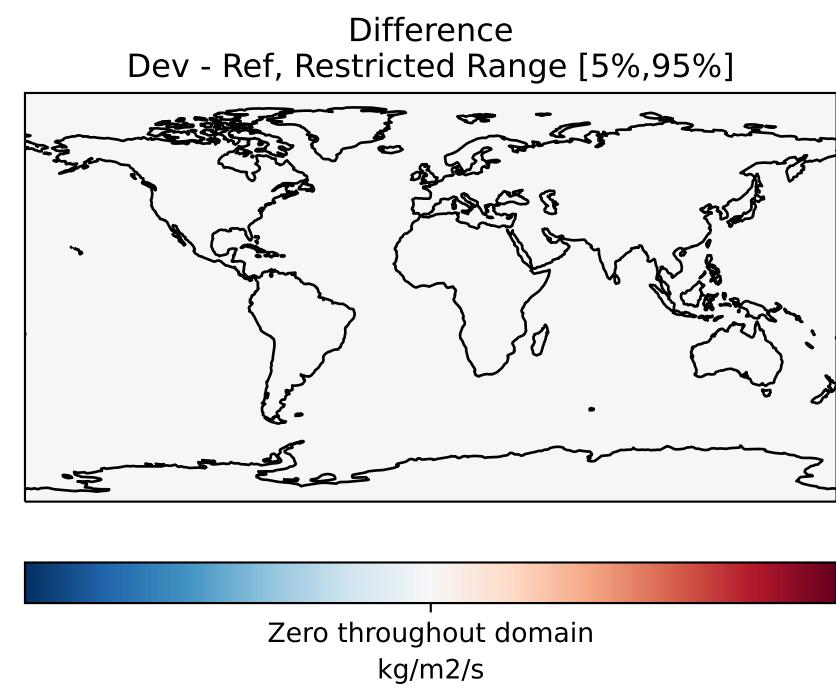
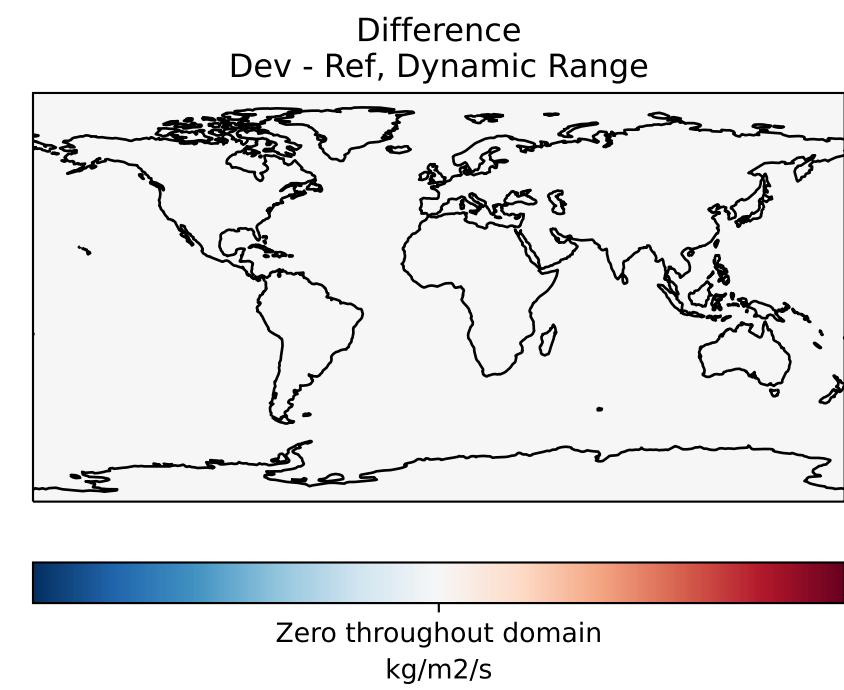
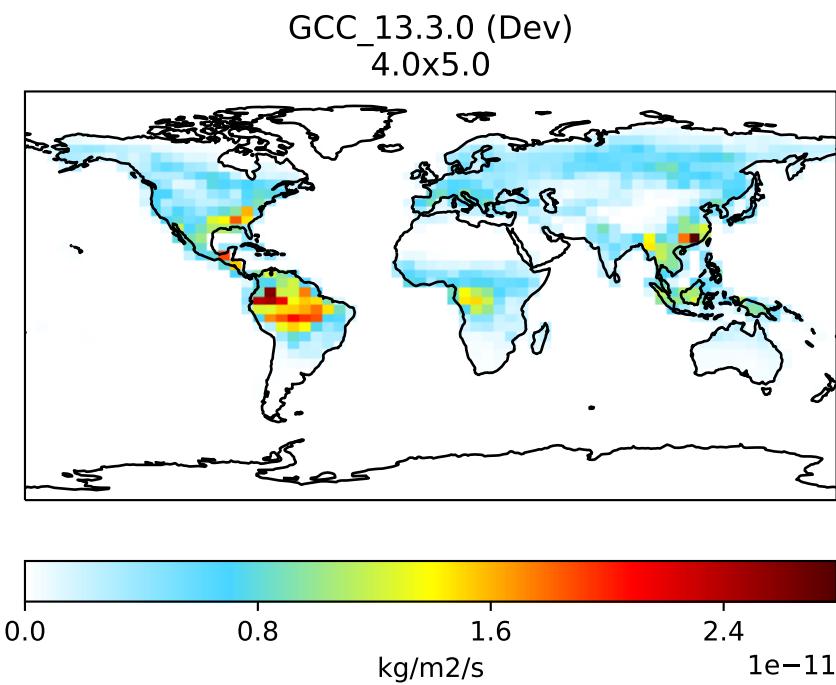
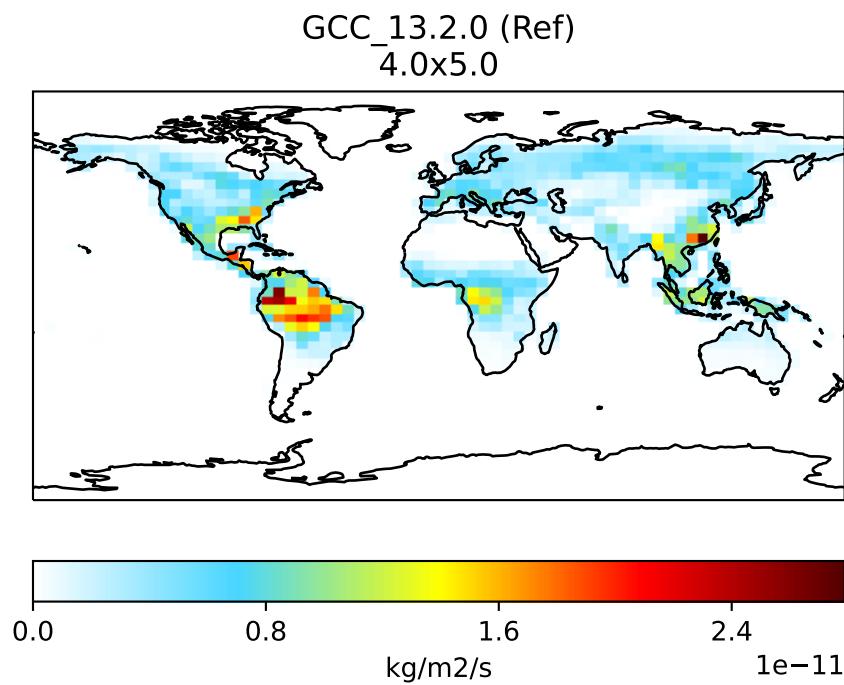
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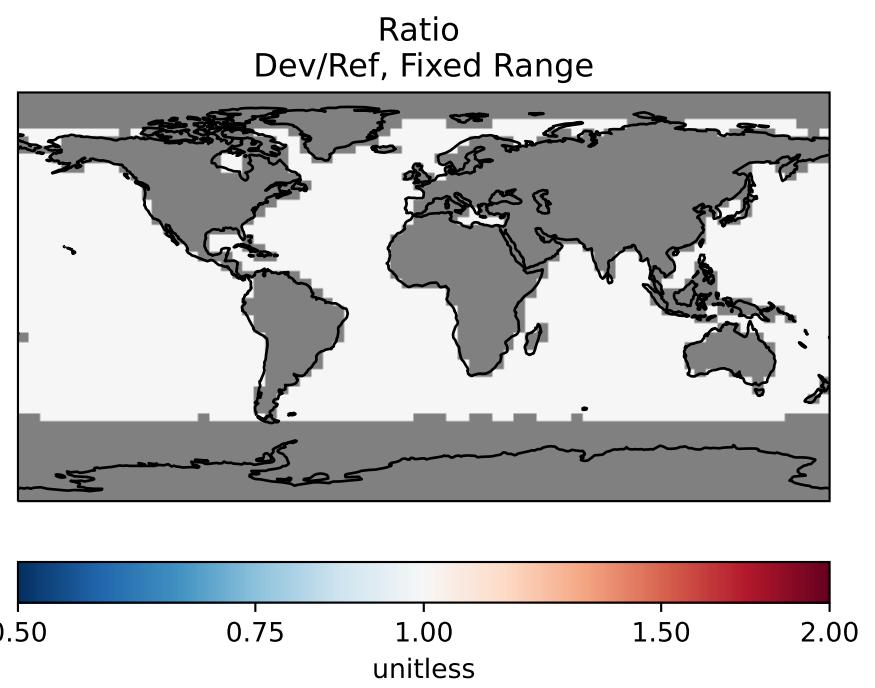
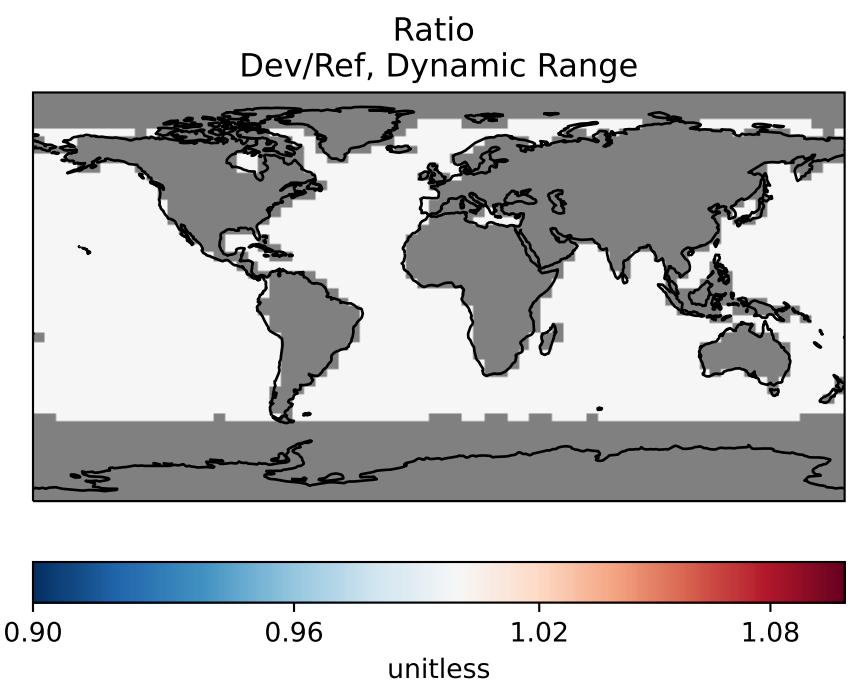
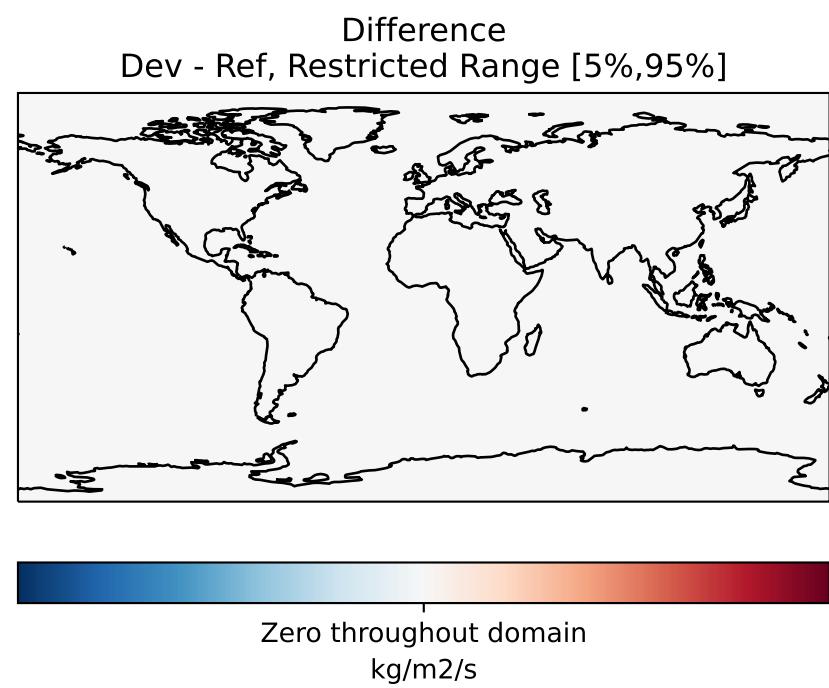
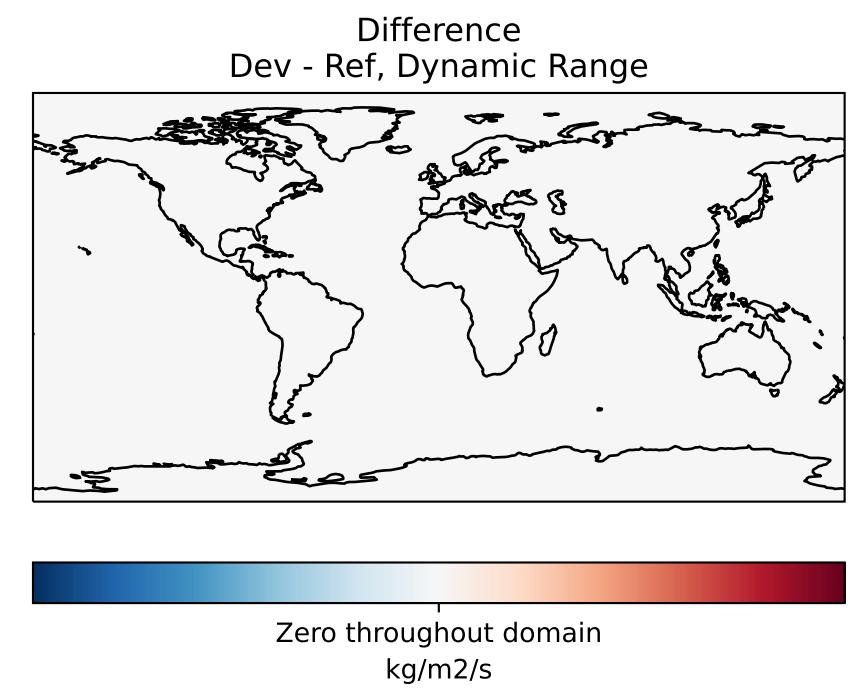
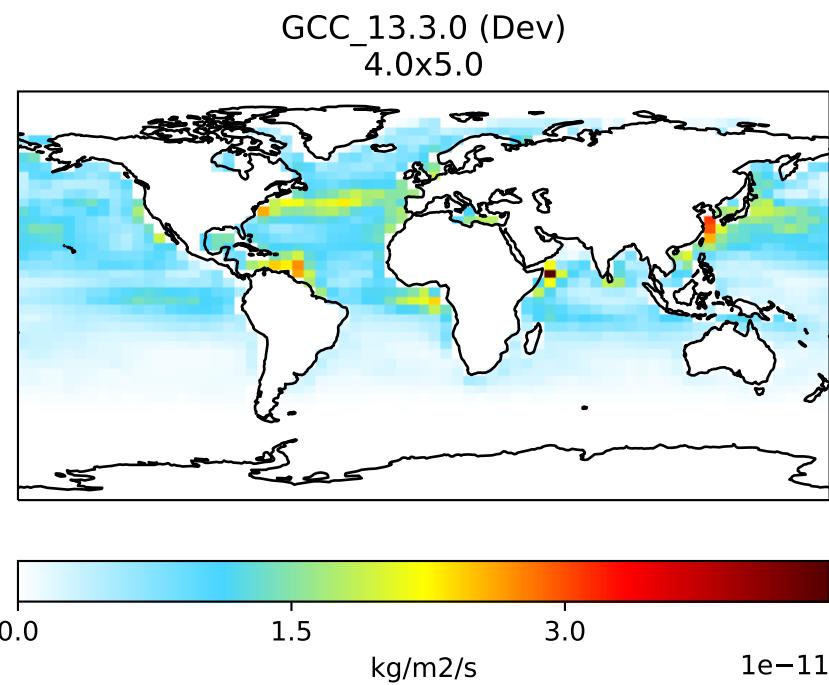
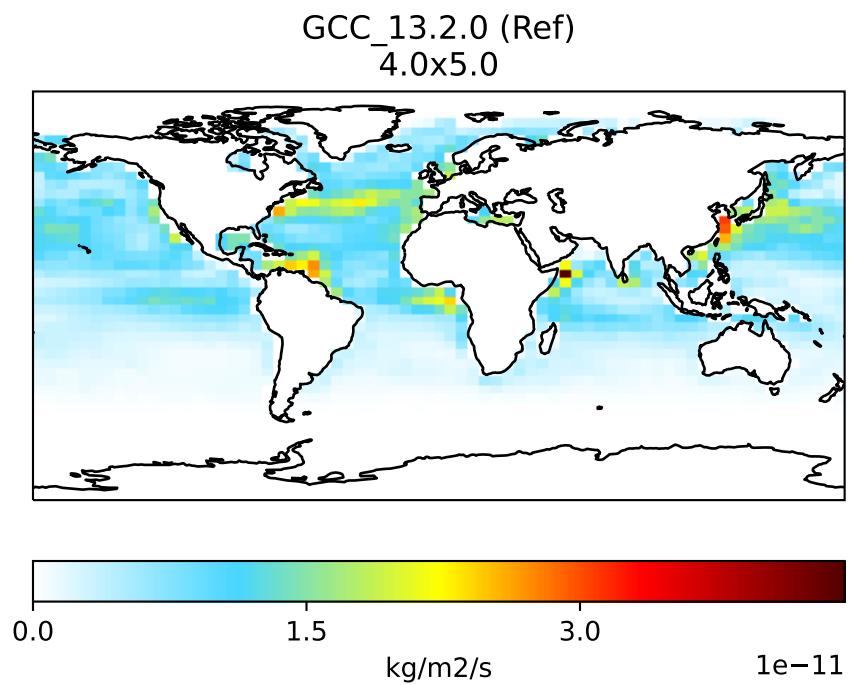
# EmisALD2\_BioBurn (Jul2019)



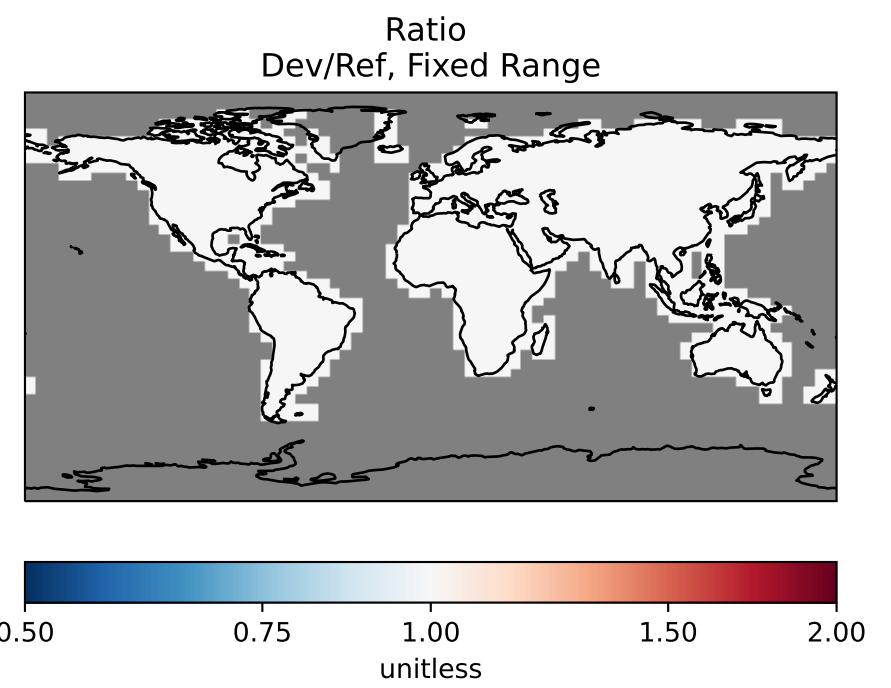
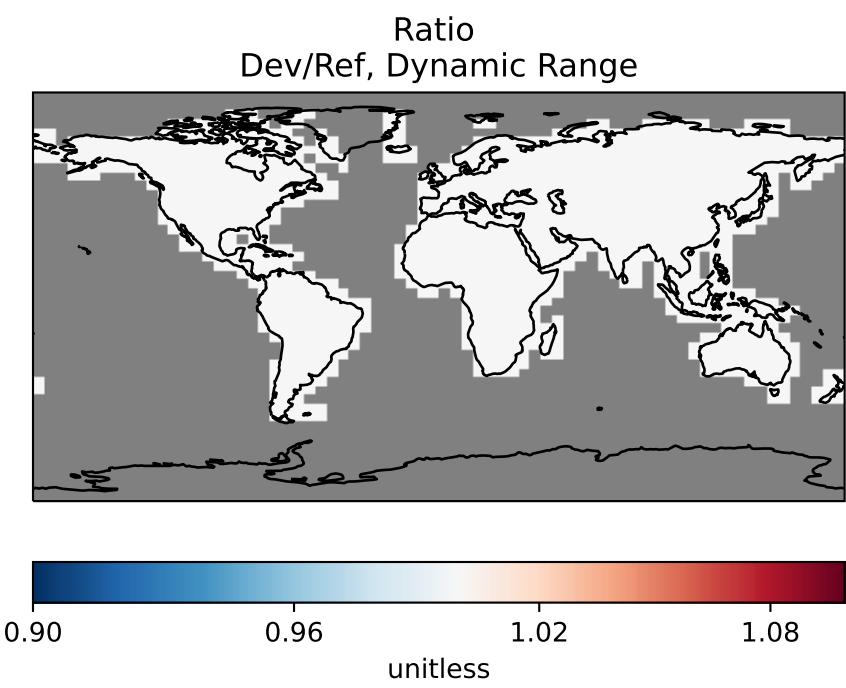
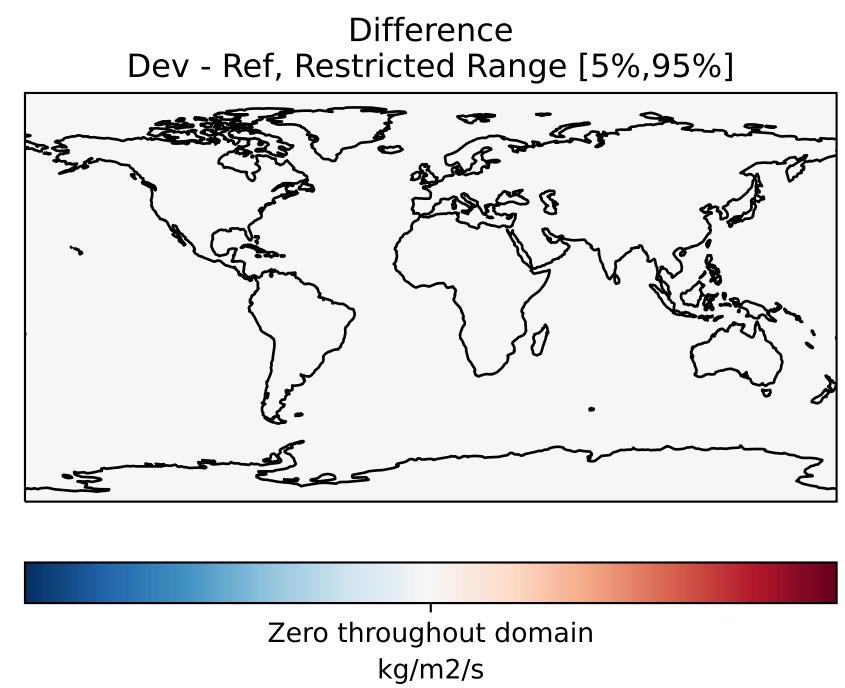
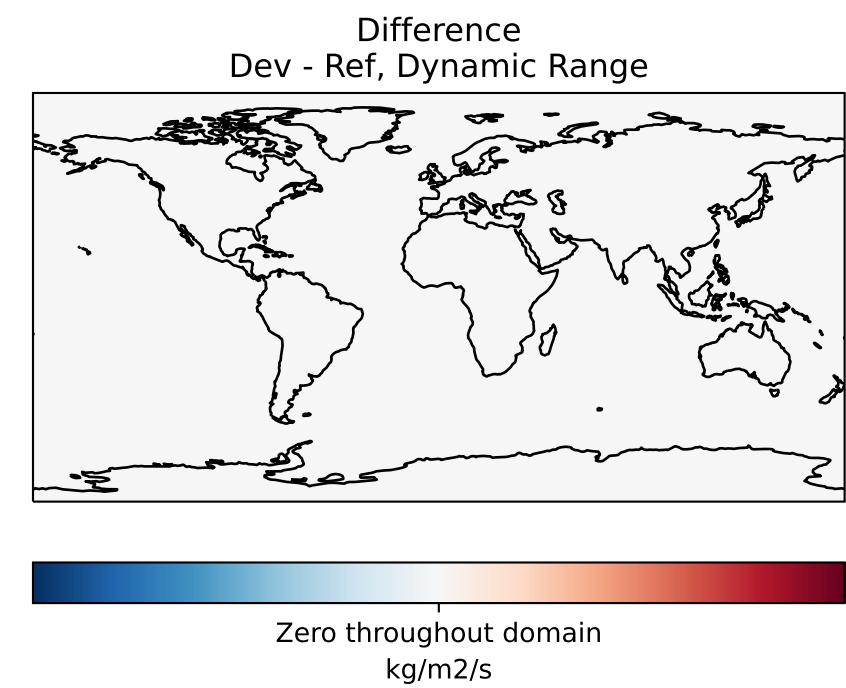
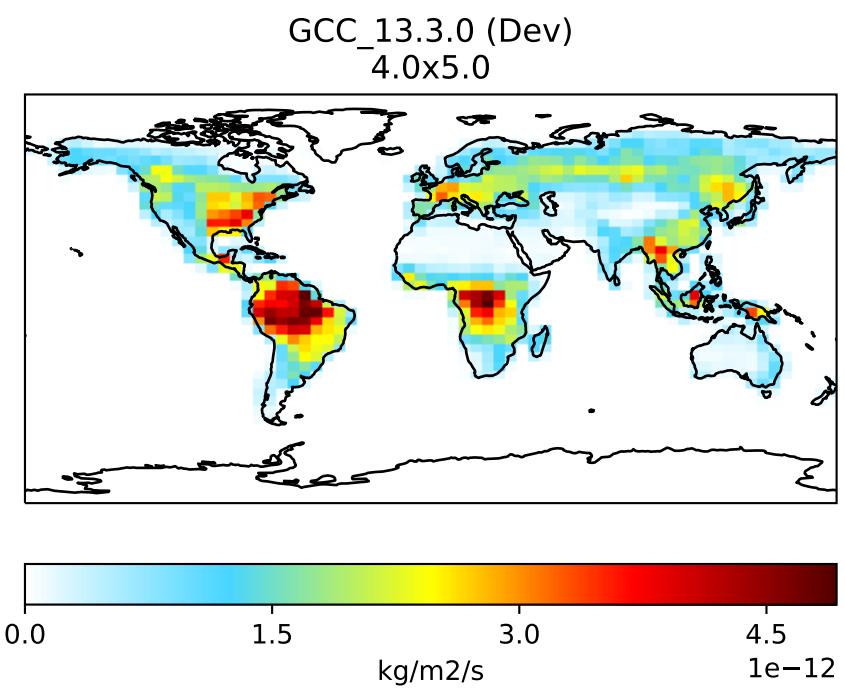
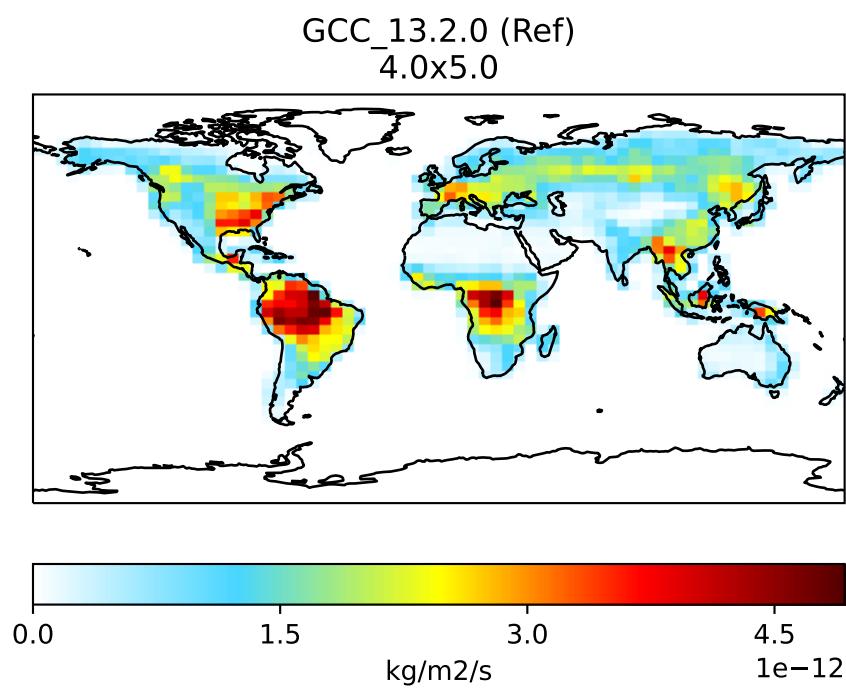
# EmisALD2\_Biogenic (Jul2019)



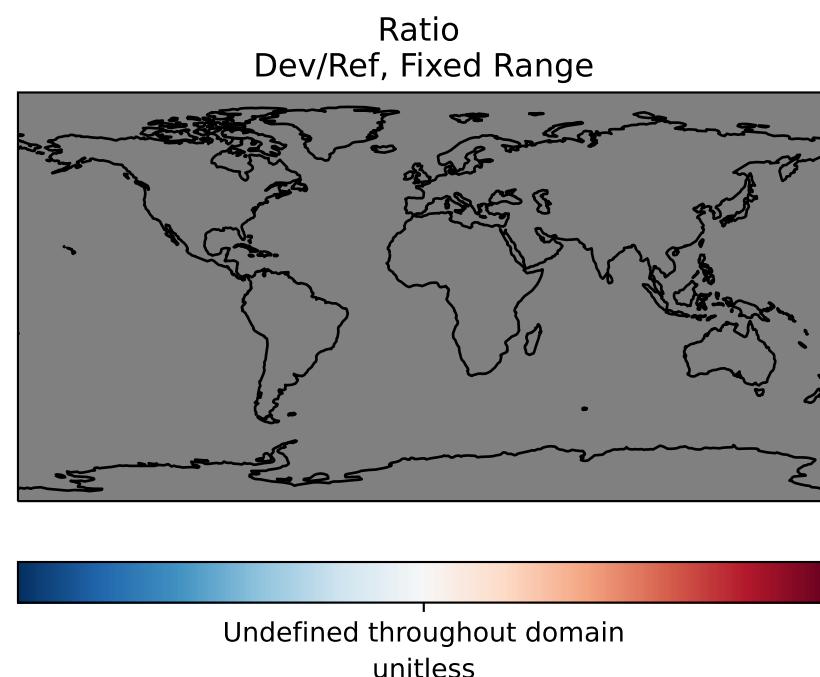
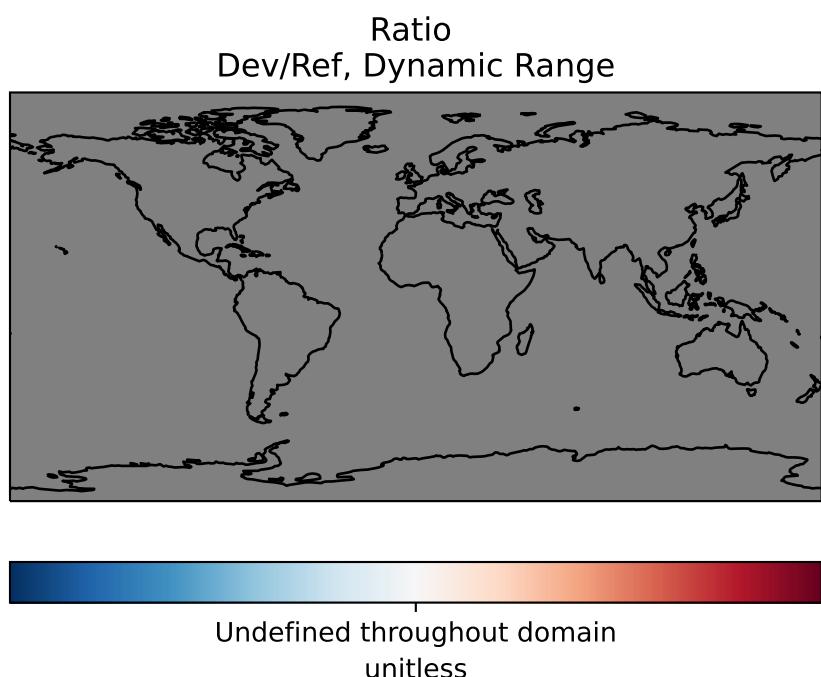
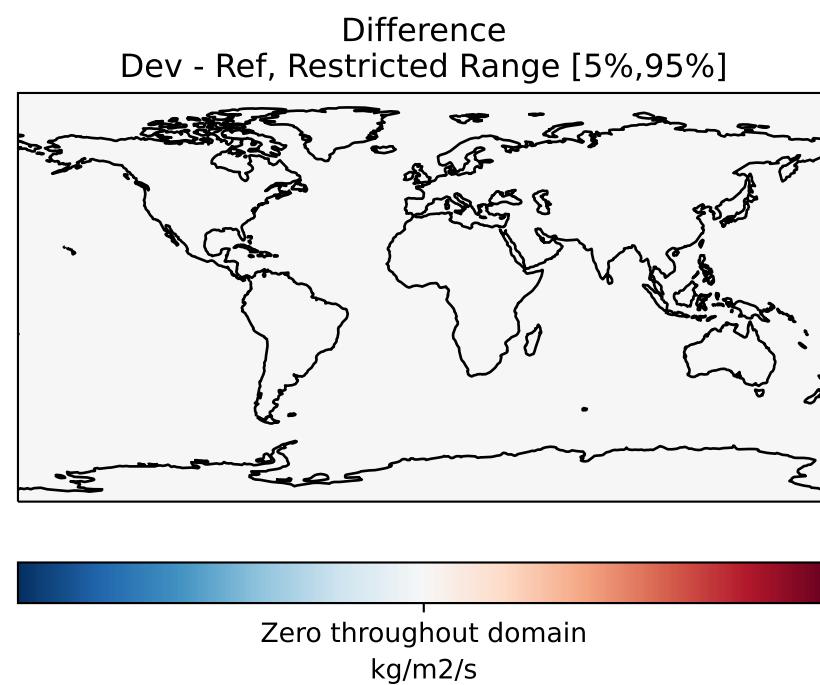
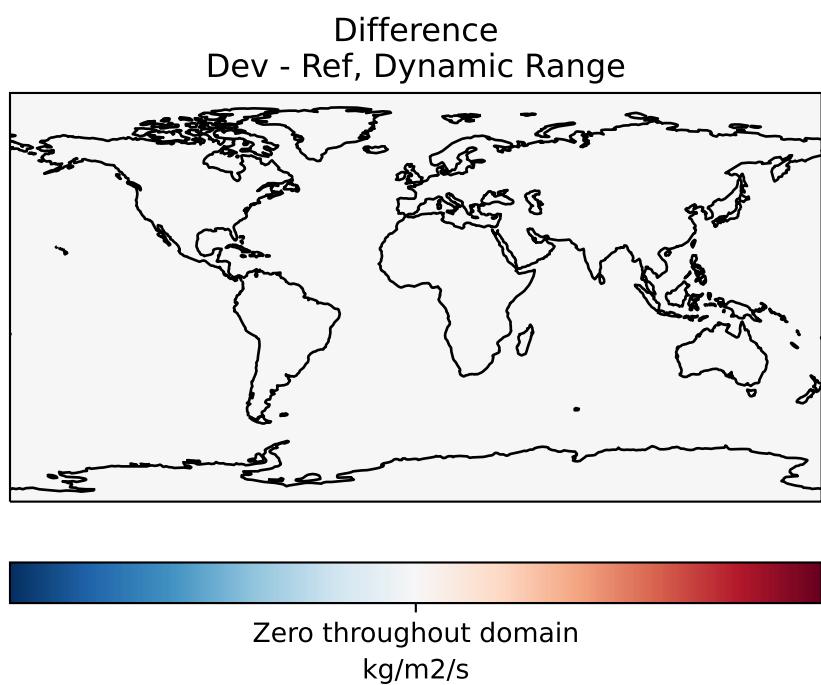
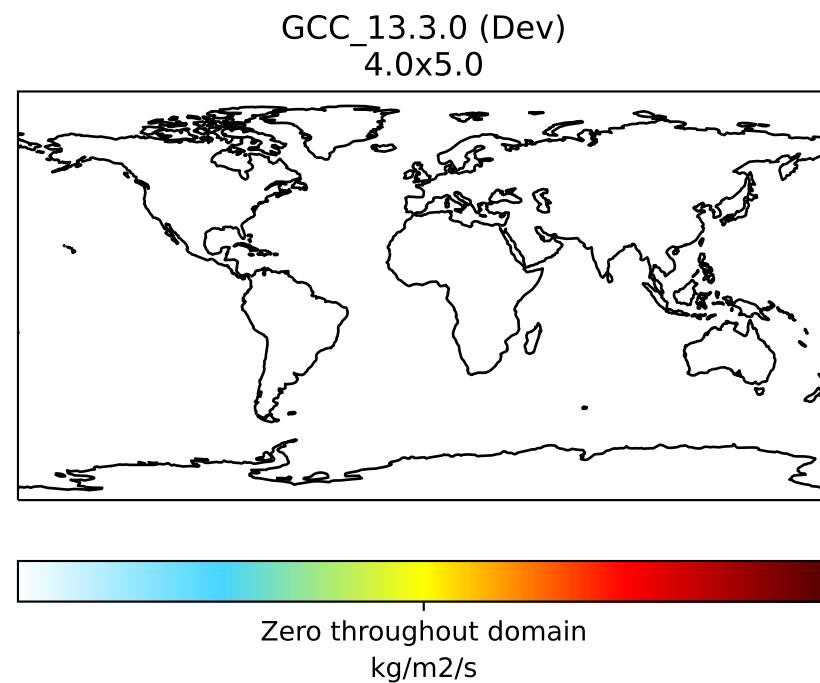
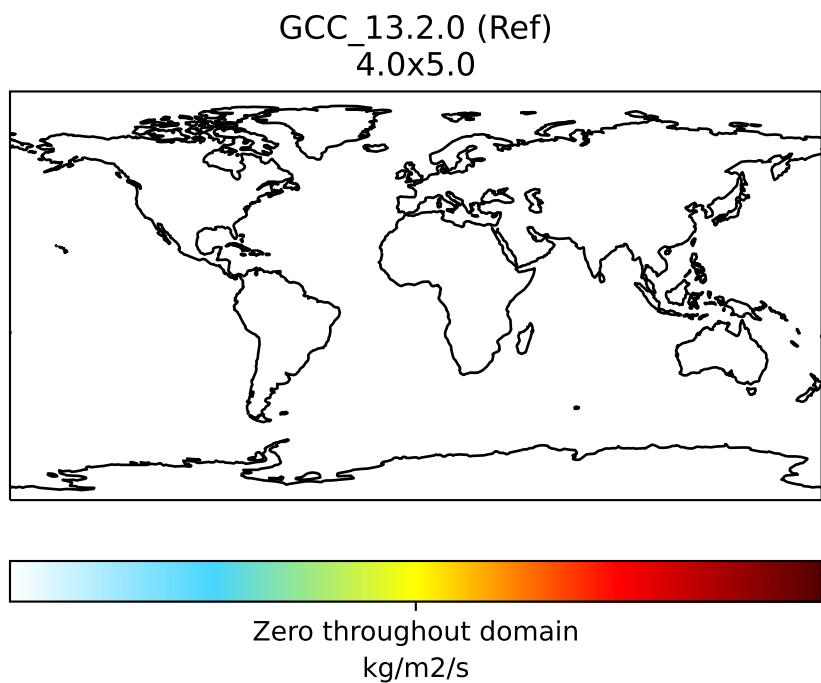
# EmisALD2\_Ocean (Jul2019)



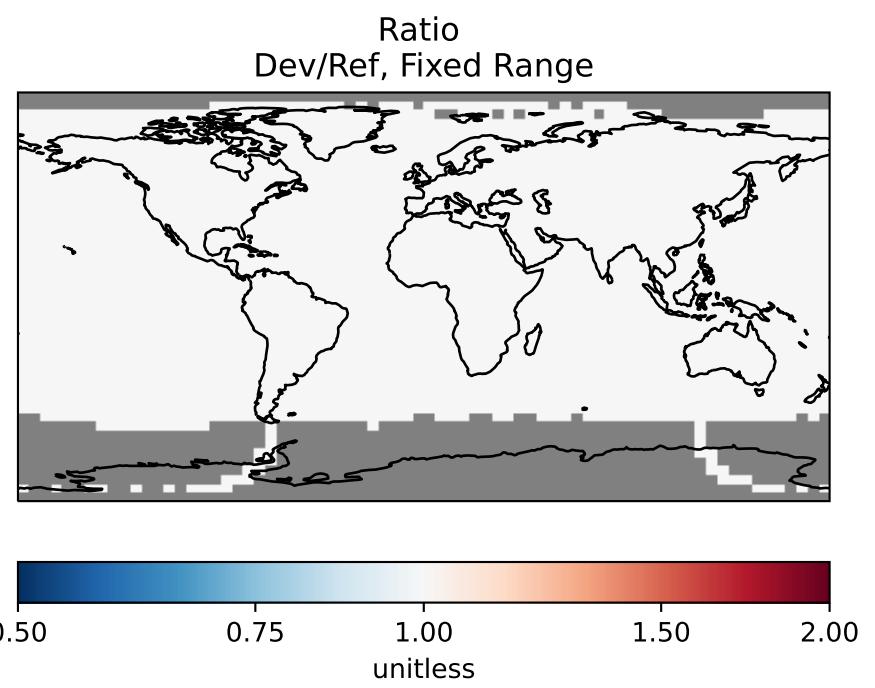
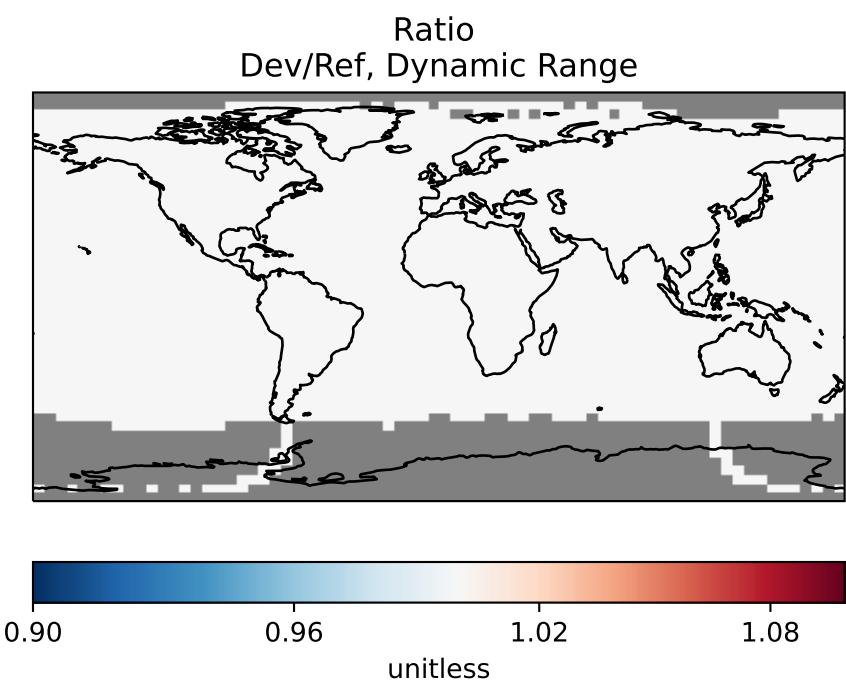
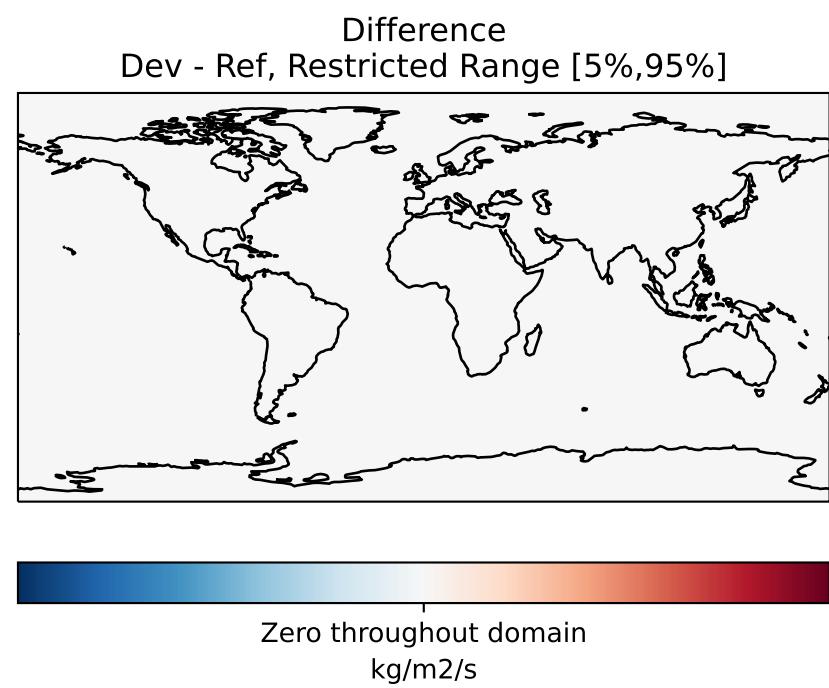
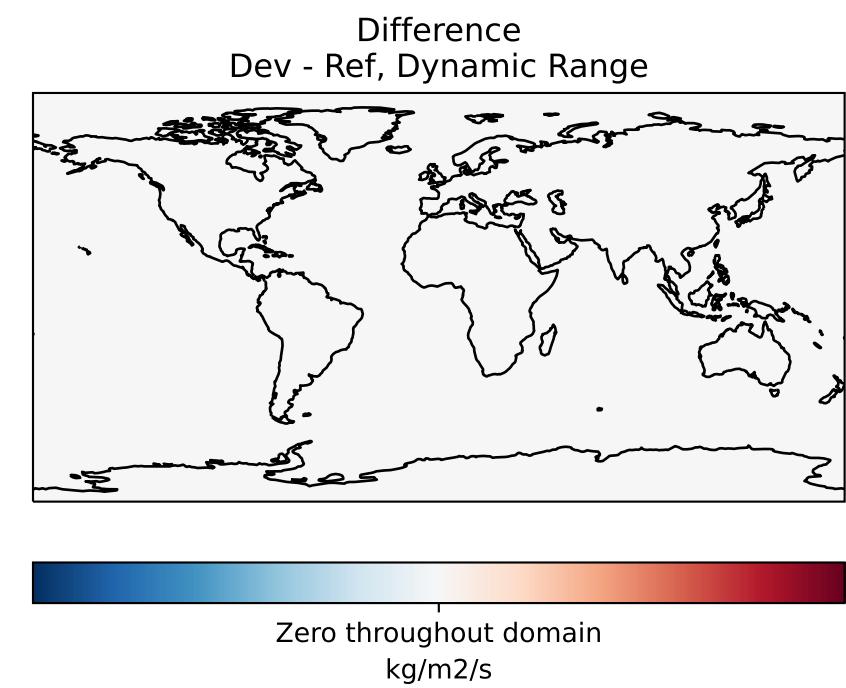
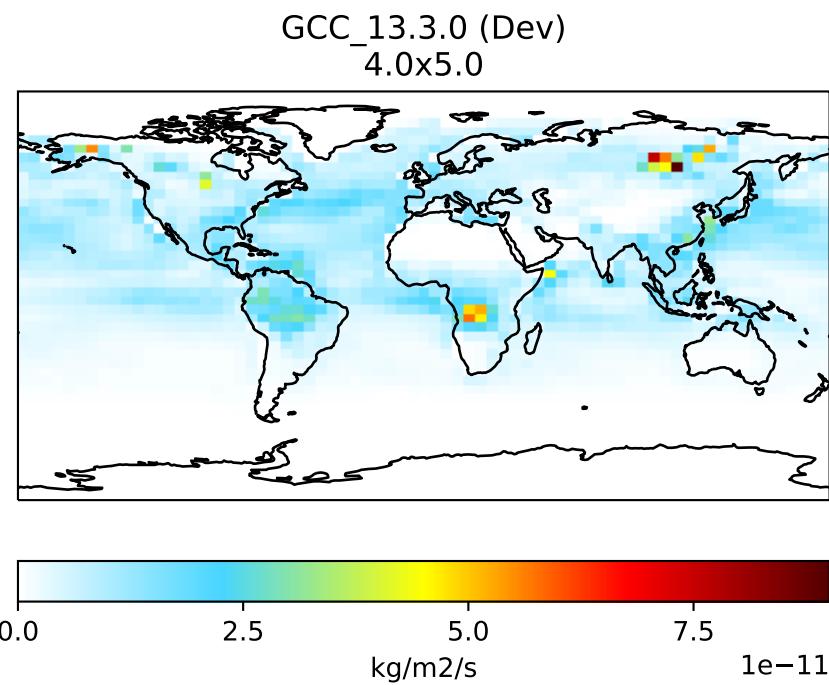
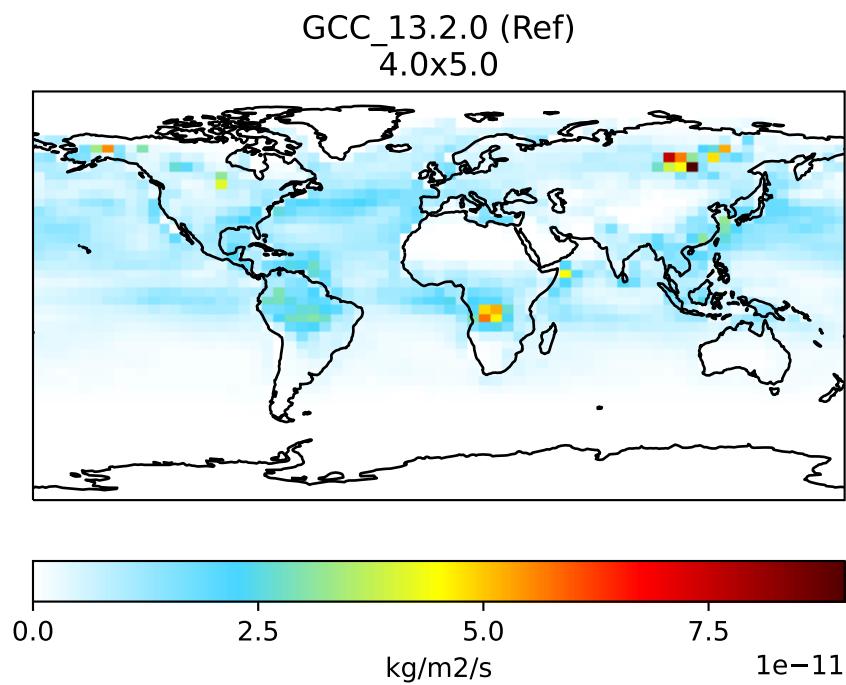
# EmisALD2\_PlantDecay (Jul2019)



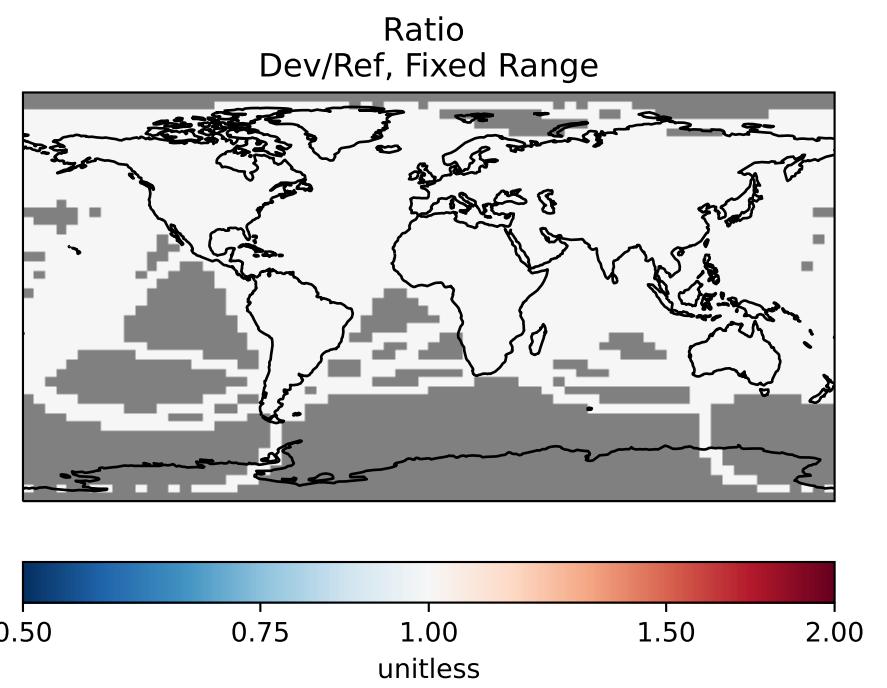
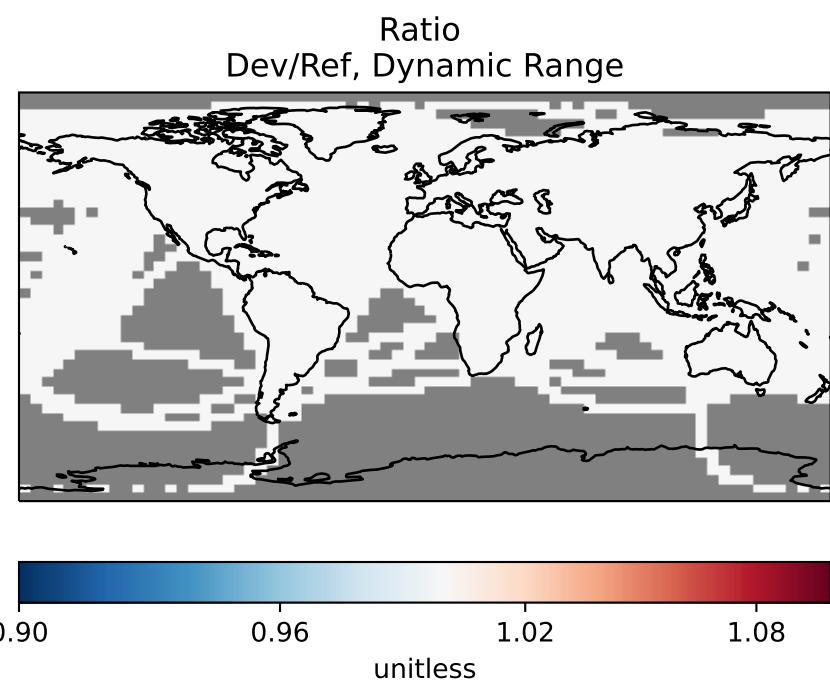
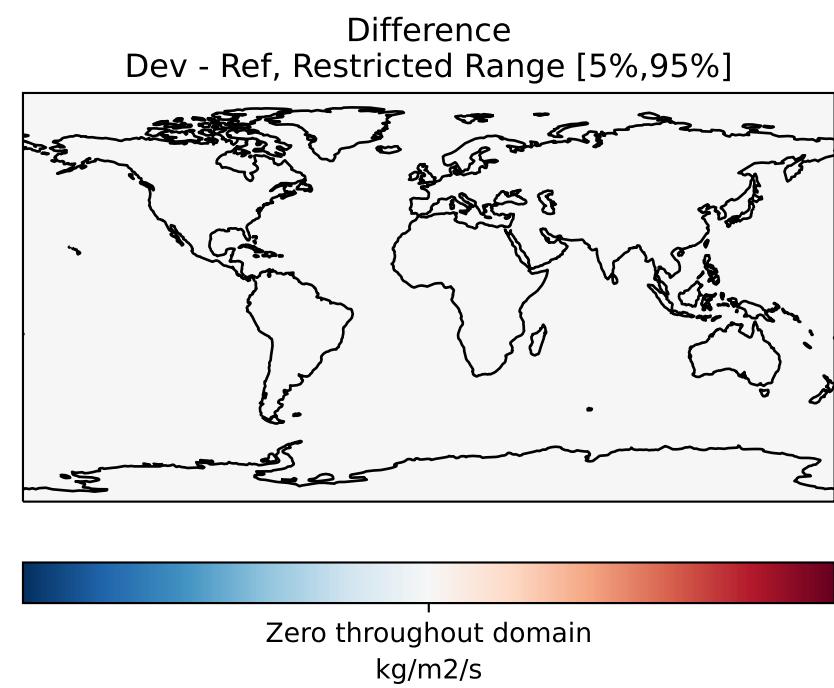
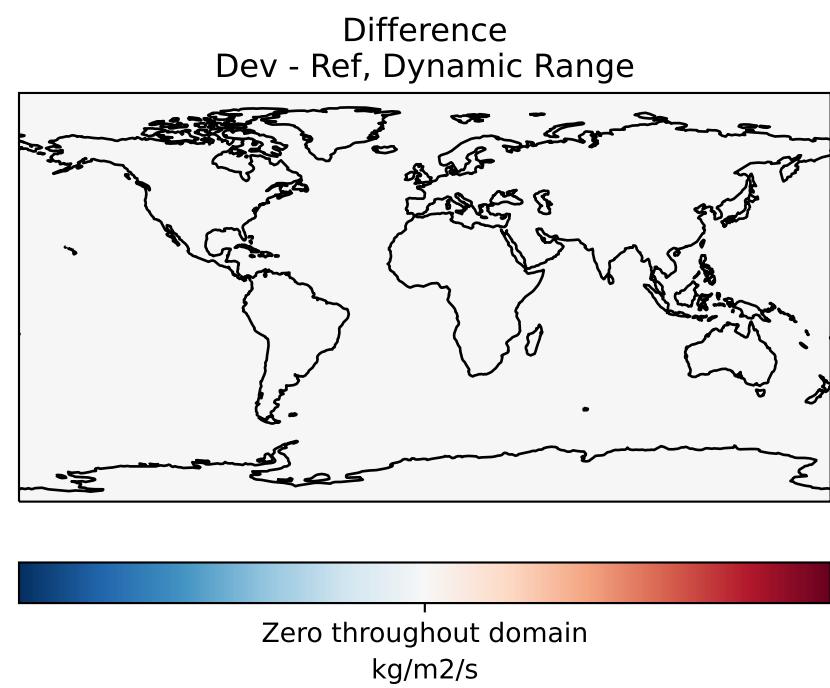
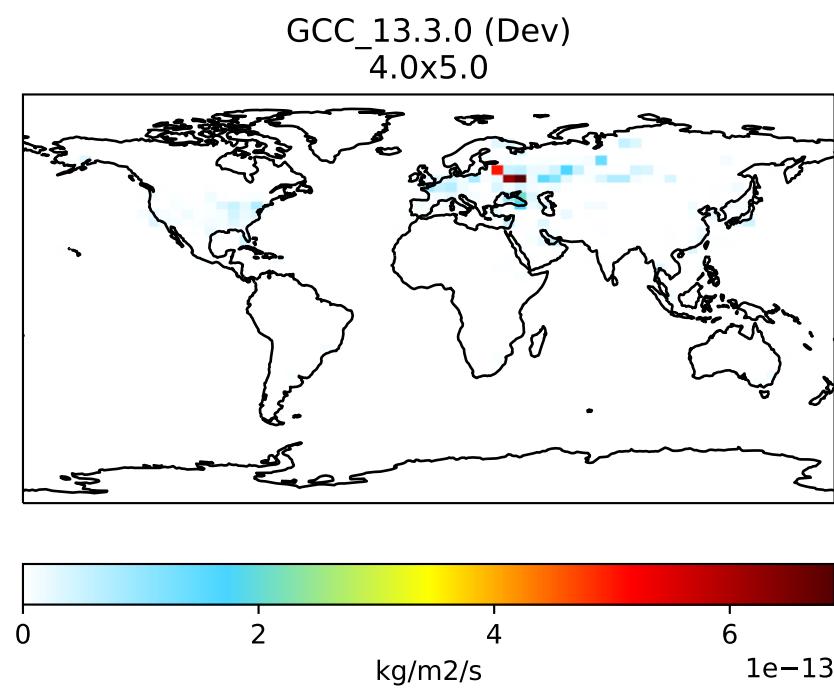
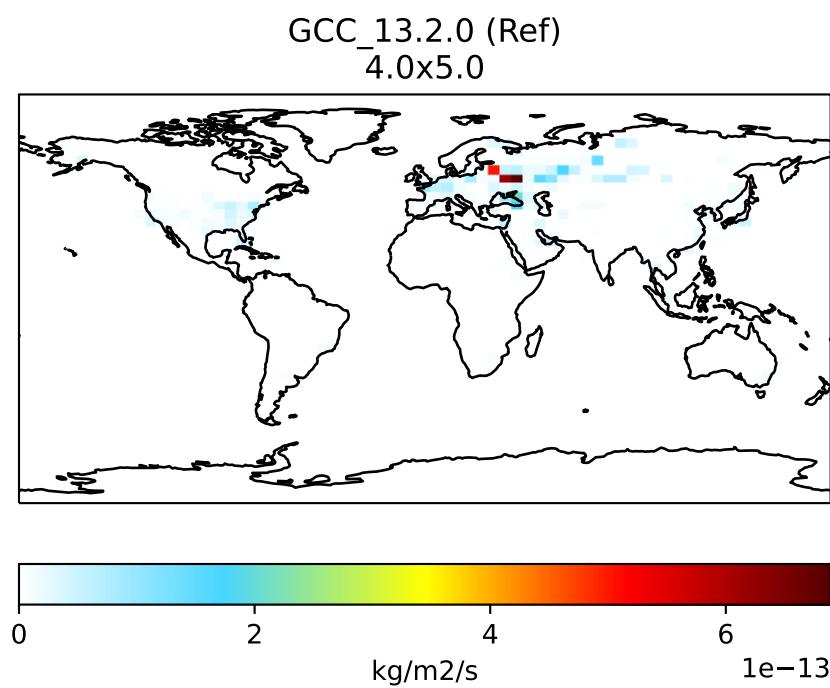
# EmisALD2\_Ship (Jul2019)



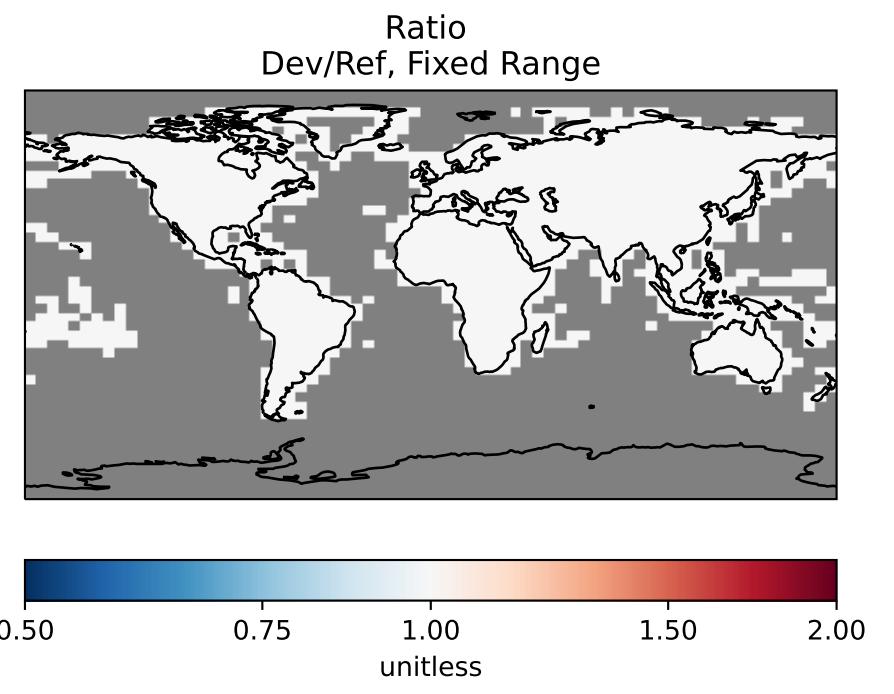
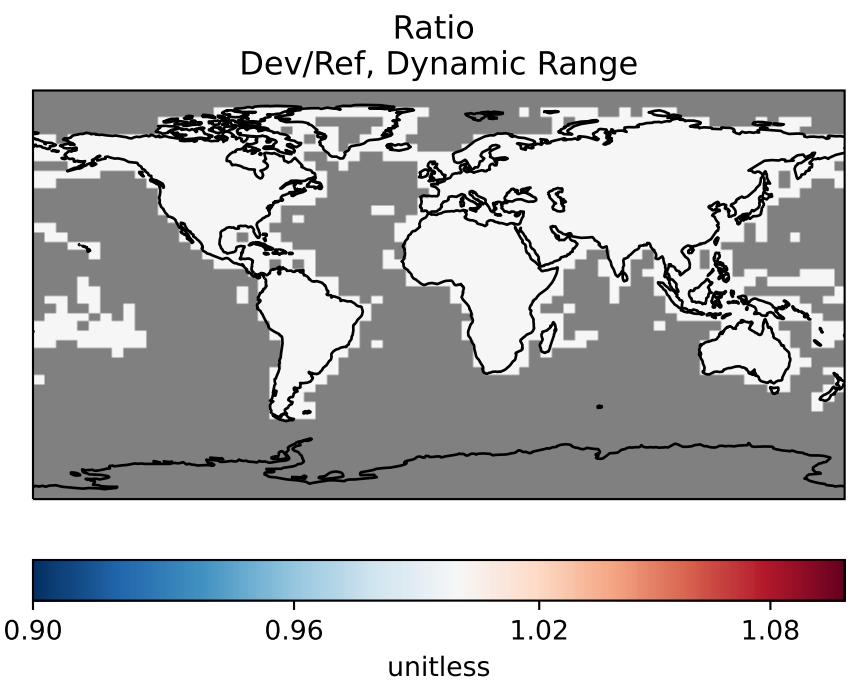
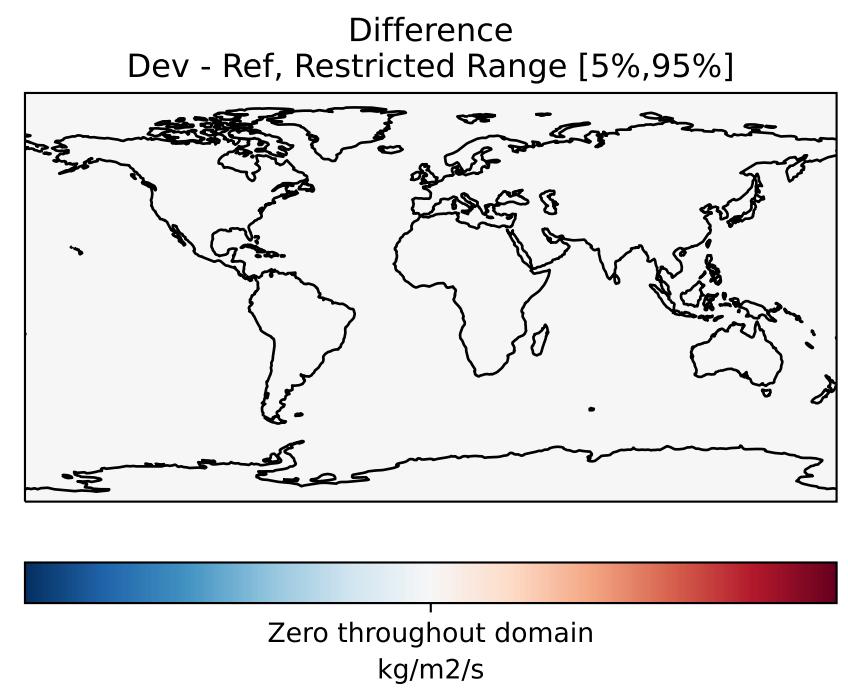
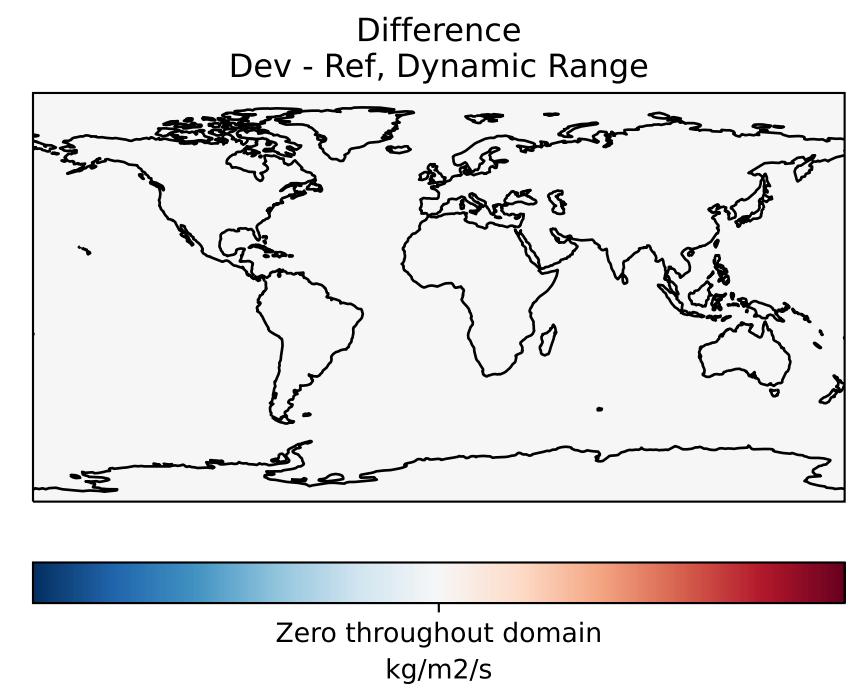
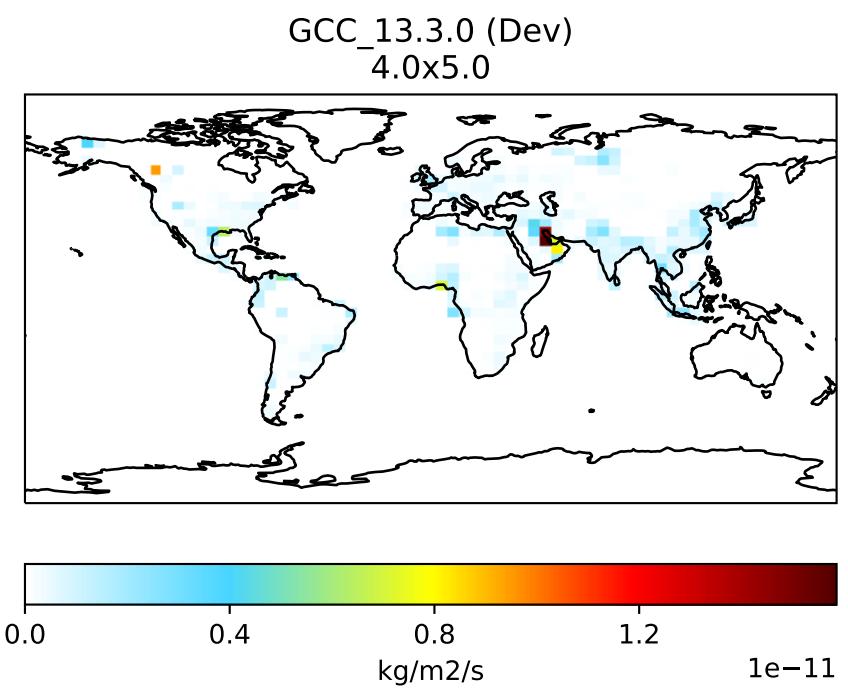
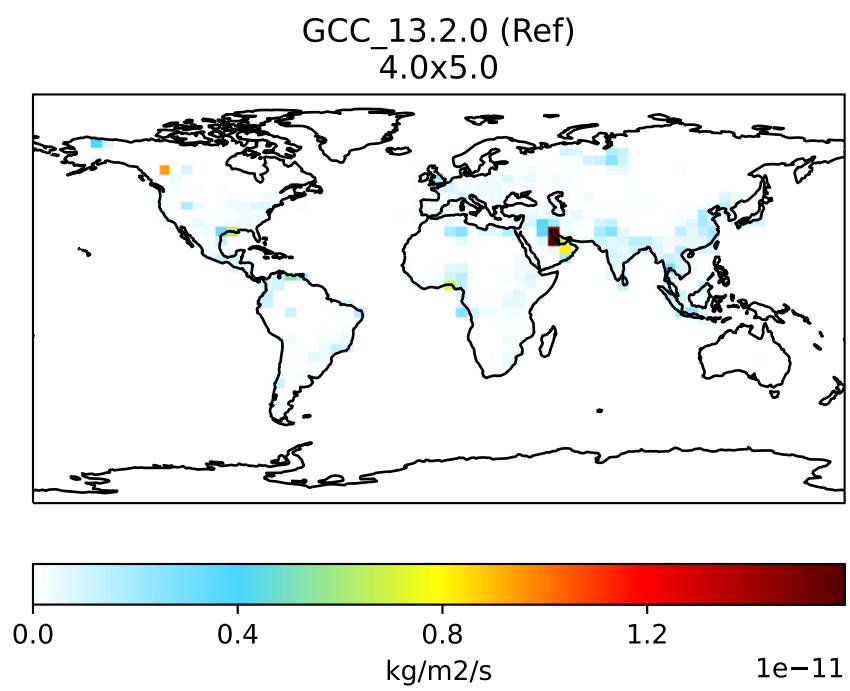
# EmisALD2\_Total (Jul2019)



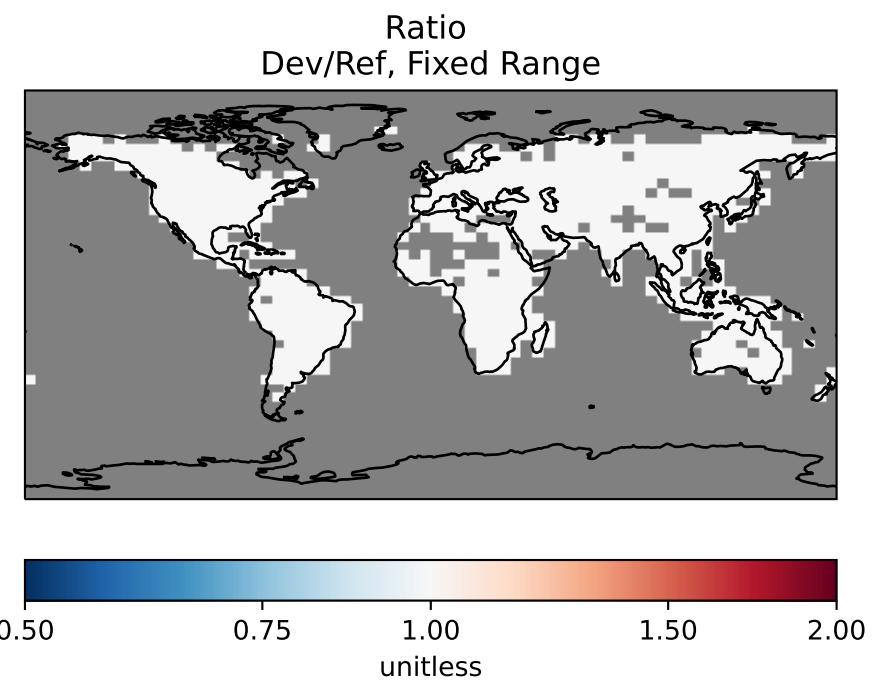
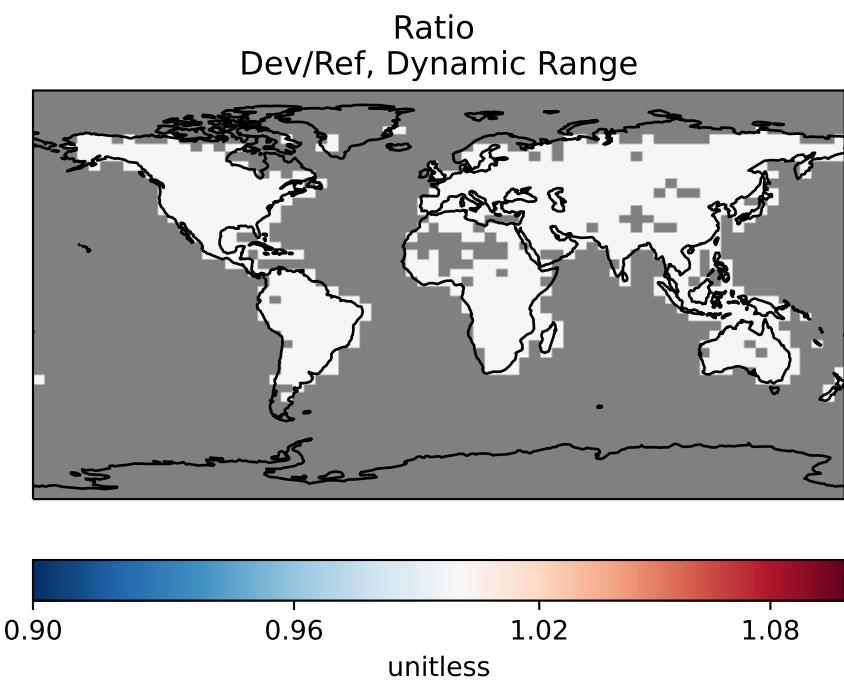
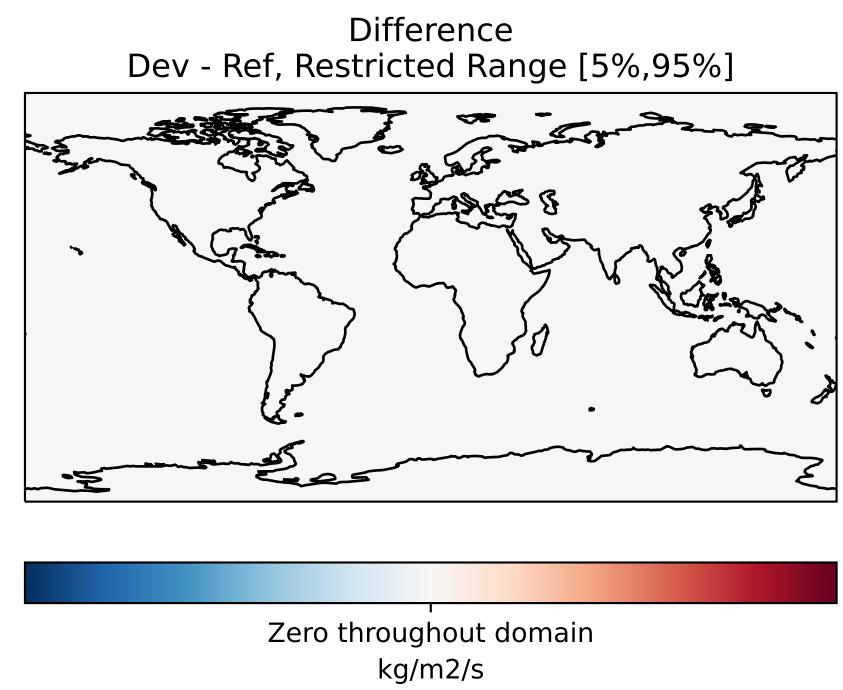
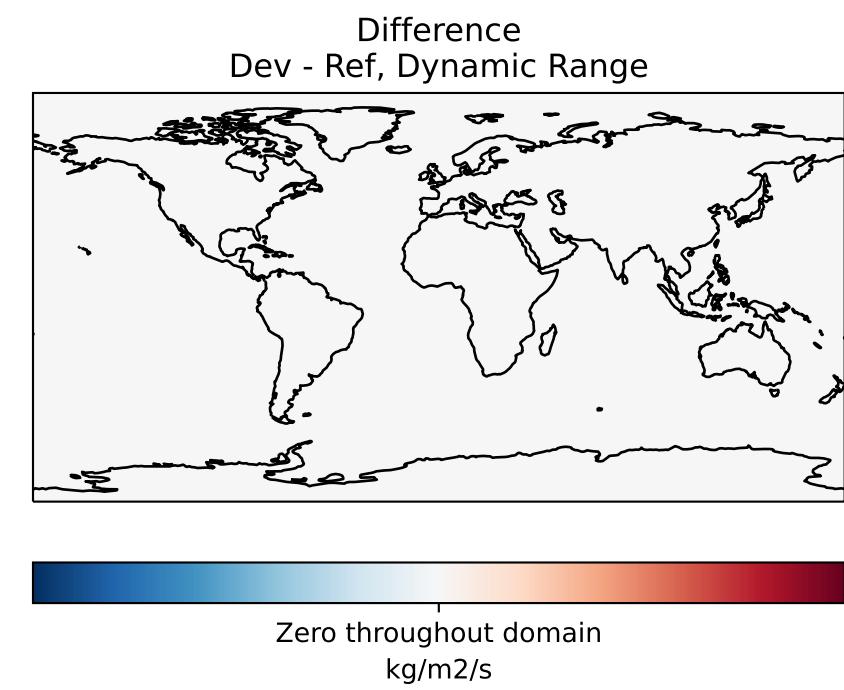
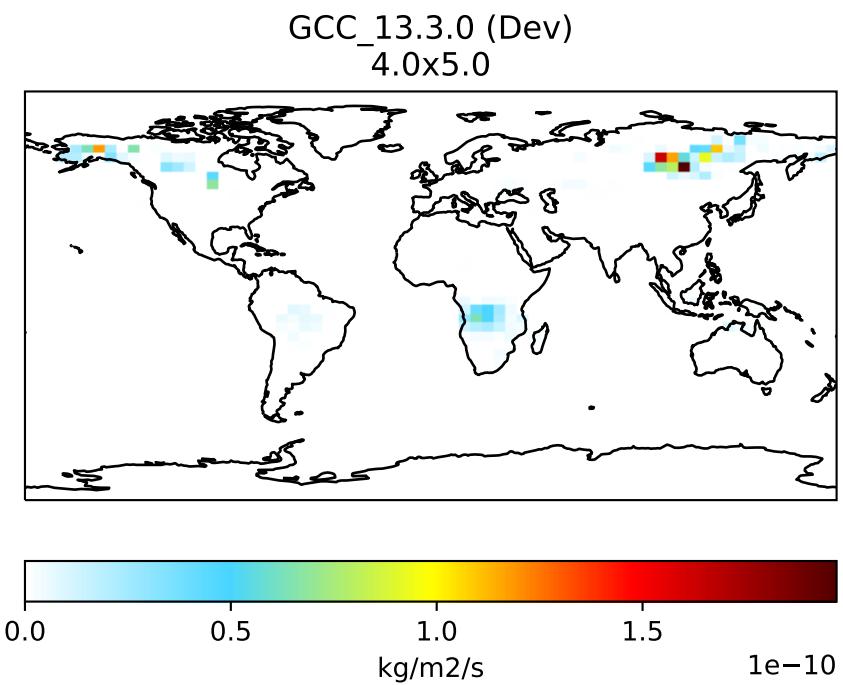
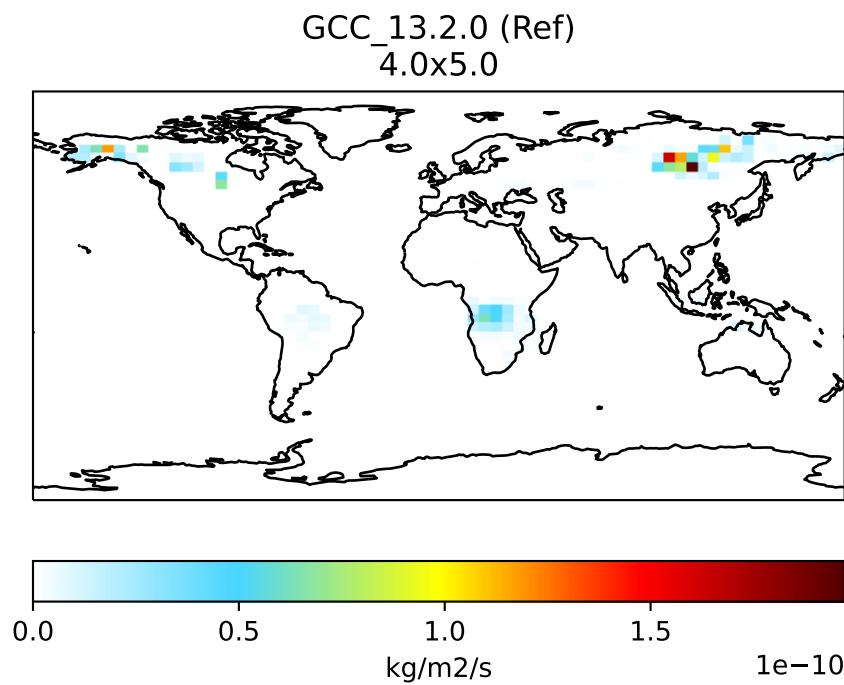
# EmisCH2O\_Aircraft (Jul2019)



# EmisCH2O\_Anthro (Jul2019)

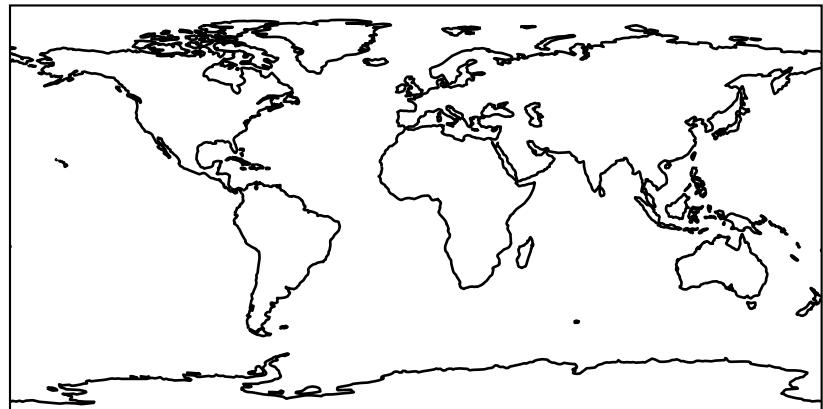


# EmisCH2O\_BioBurn (Jul2019)



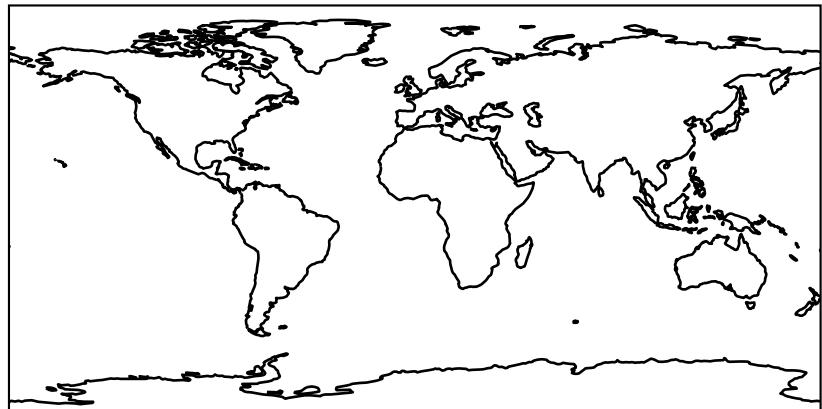
# EmisCH2O\_Ship (Jul2019)

GCC\_13.2.0 (Ref)  
4.0x5.0



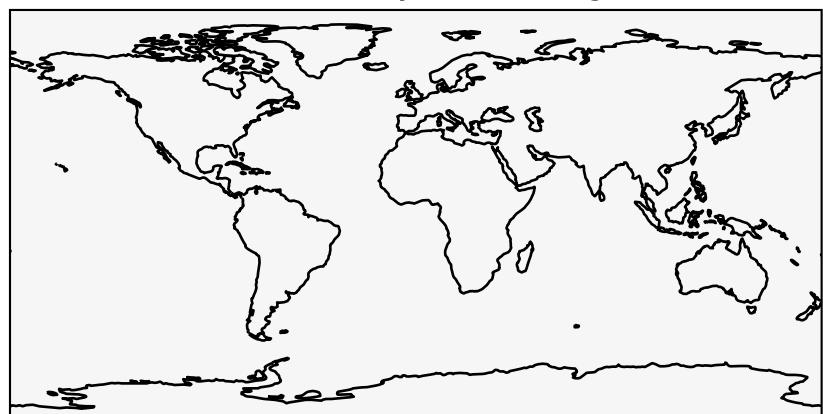
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kg/m<sup>2</sup>/s

GCC\_13.3.0 (Dev)  
4.0x5.0



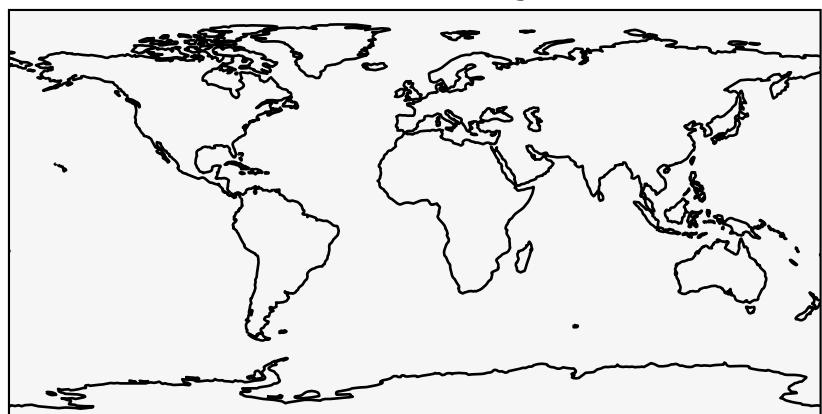
Zero throughout domain  
kg/m<sup>2</sup>/s

Difference  
Dev - Ref, Dynamic Range



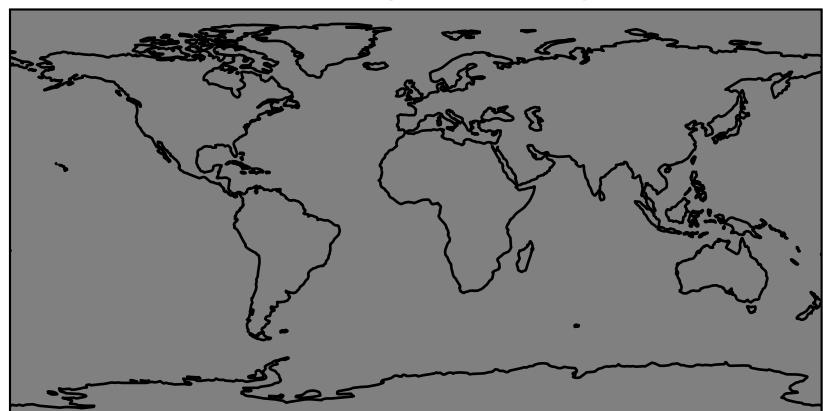
Zero throughout domain  
kg/m<sup>2</sup>/s

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



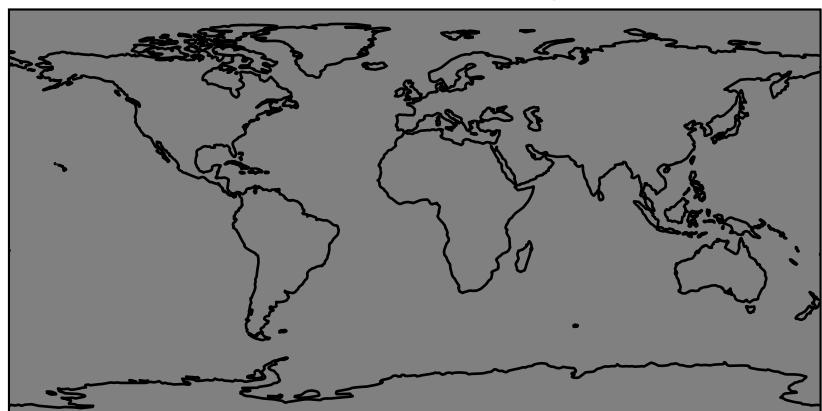
Zero throughout domain  
kg/m<sup>2</sup>/s

Ratio  
Dev/Ref, Dynamic Range



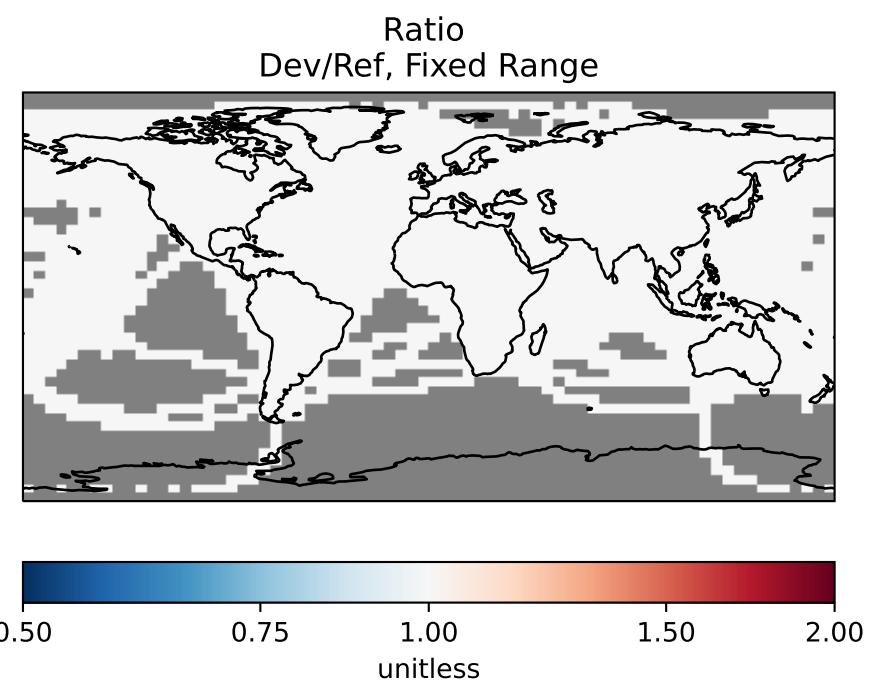
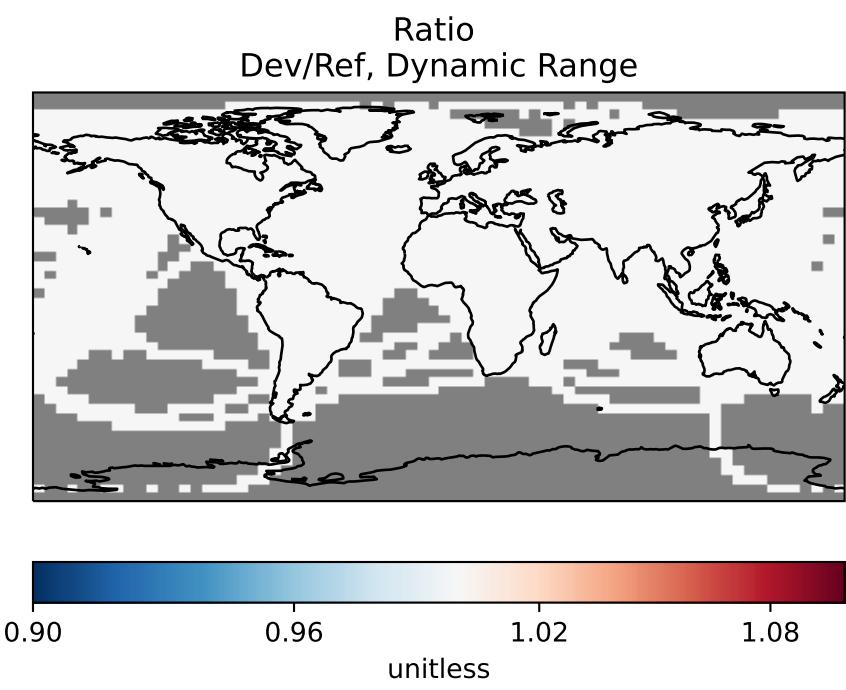
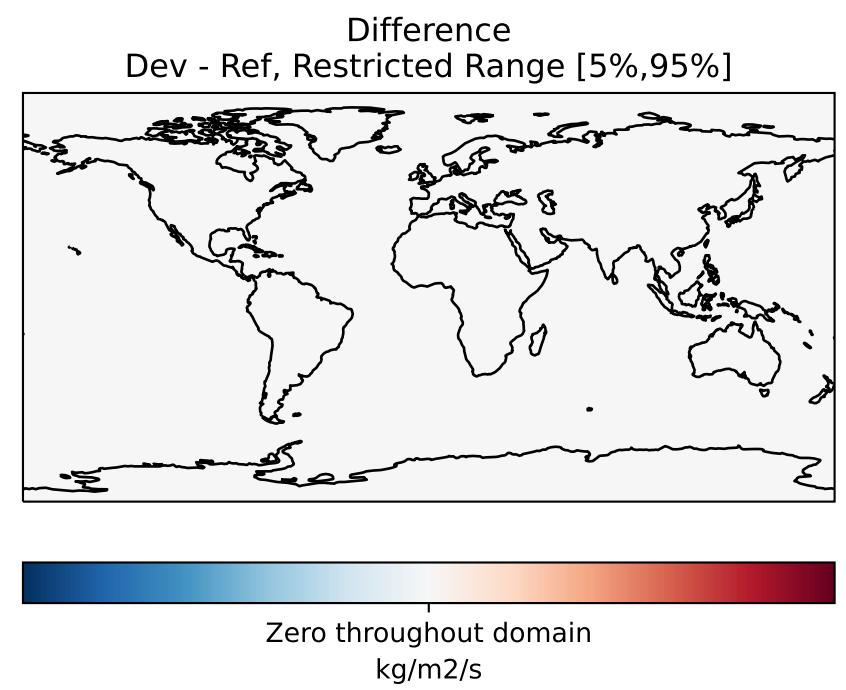
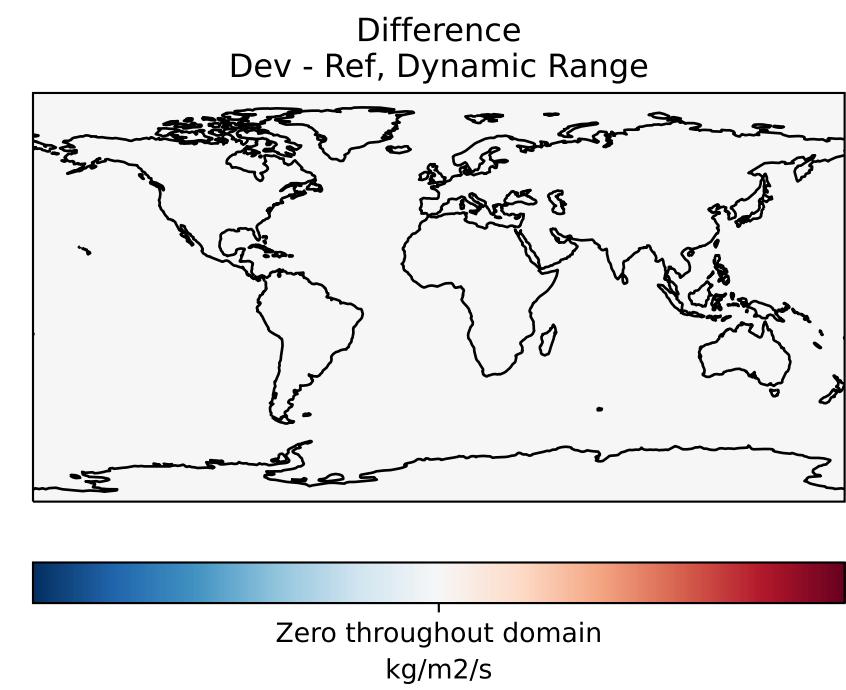
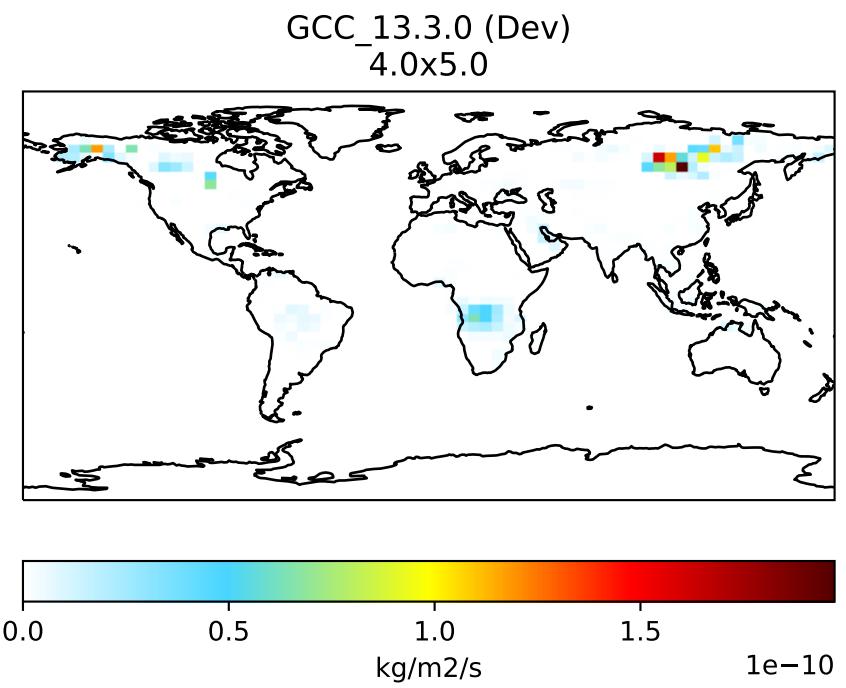
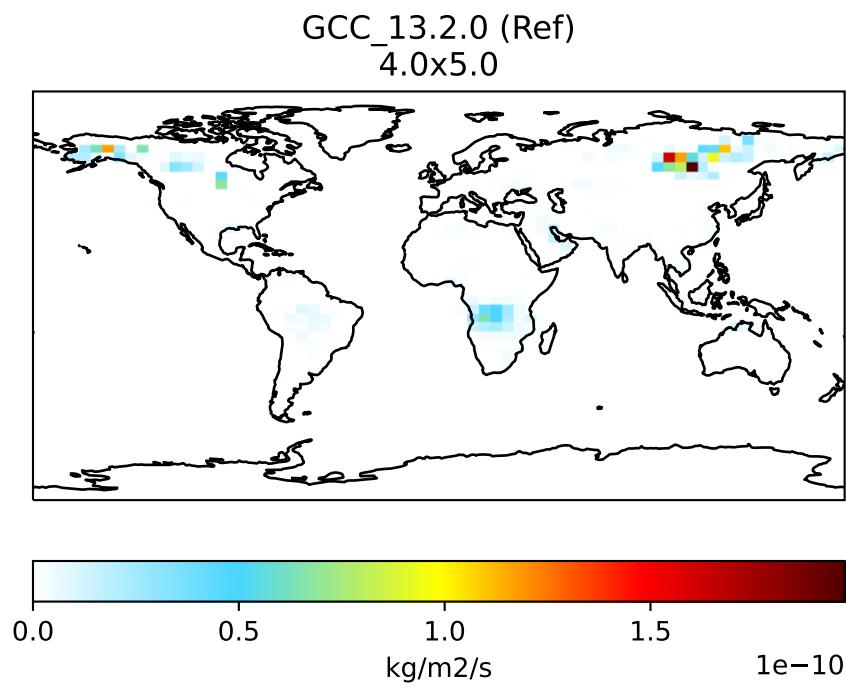
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Ratio  
Dev/Ref, Fixed Range

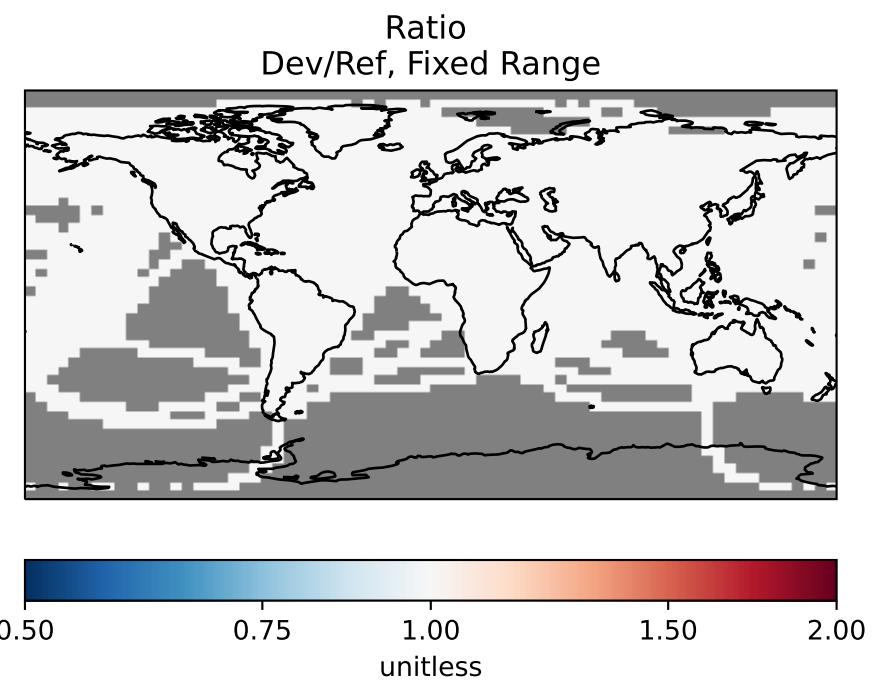
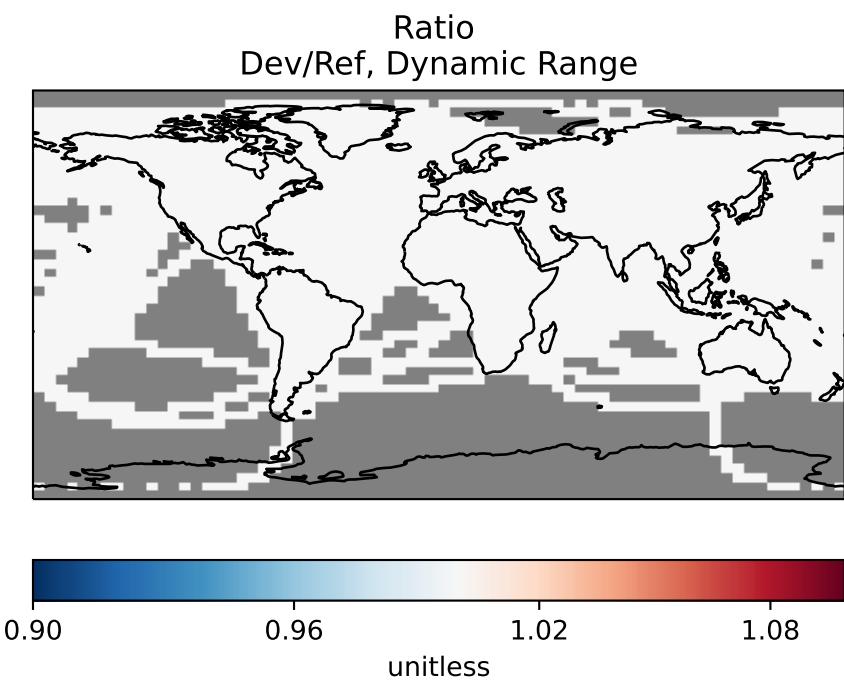
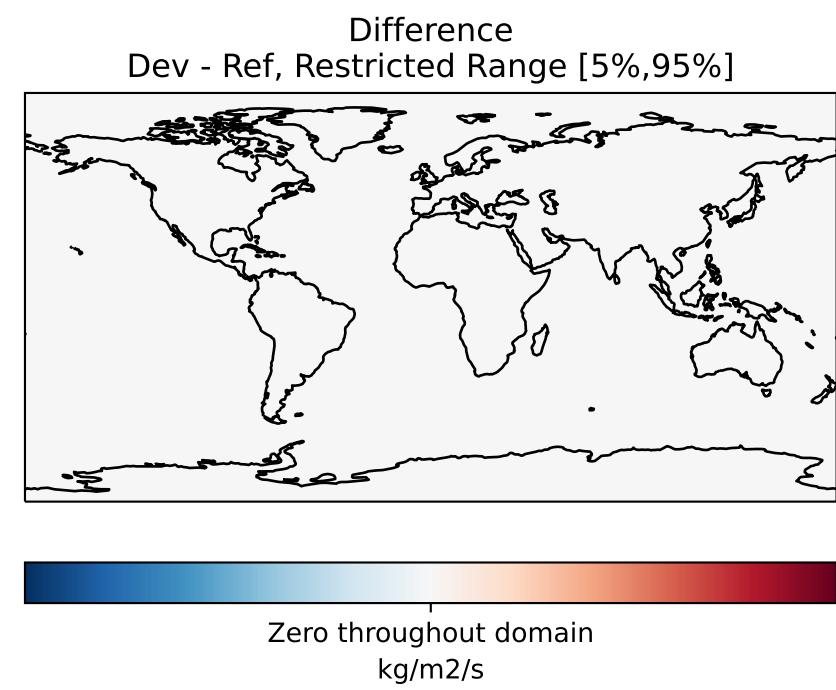
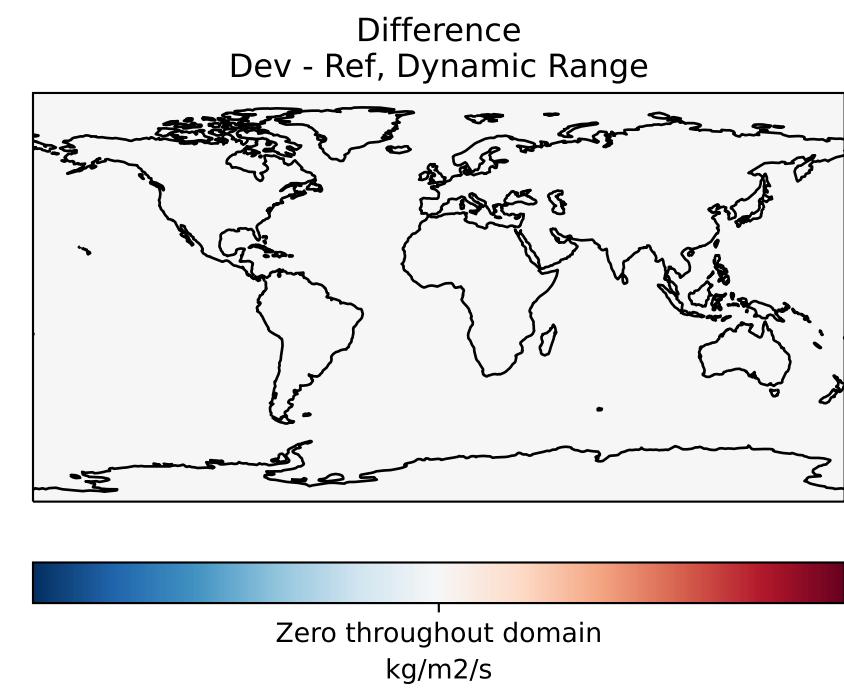
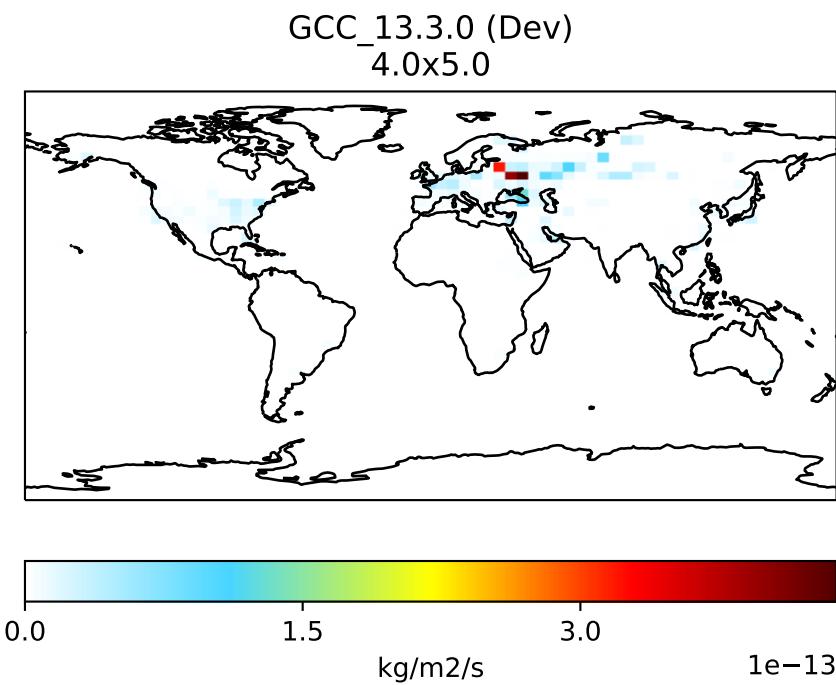
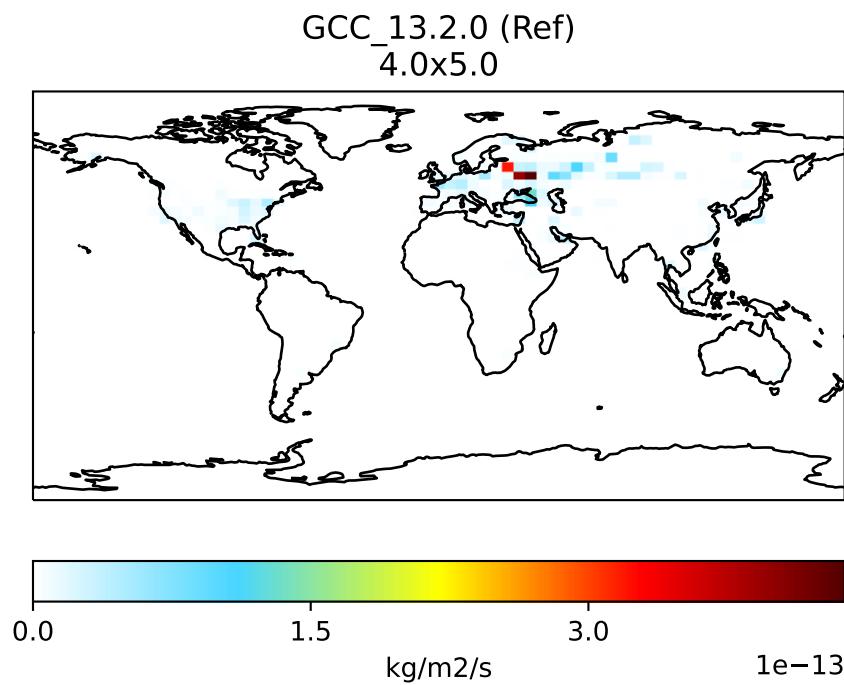


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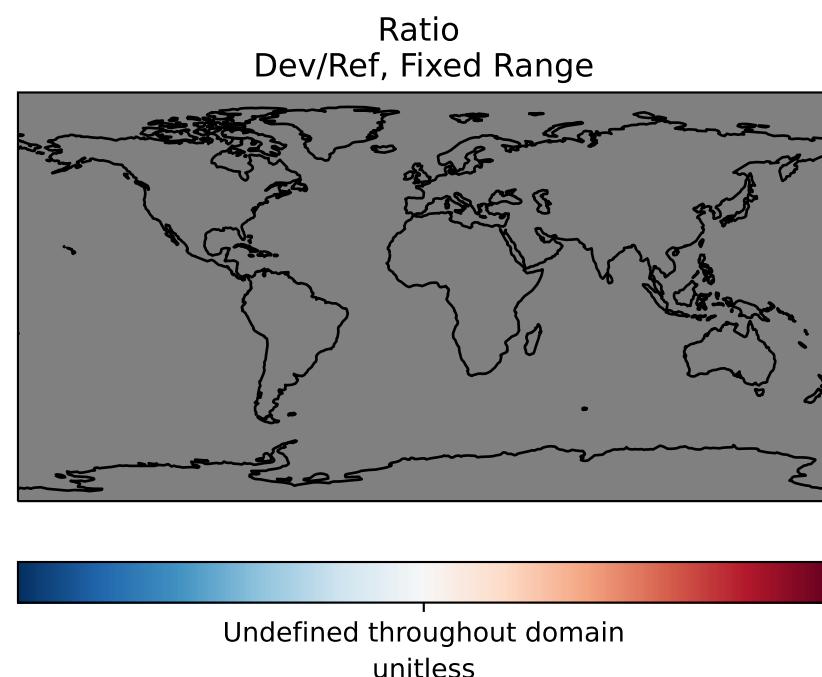
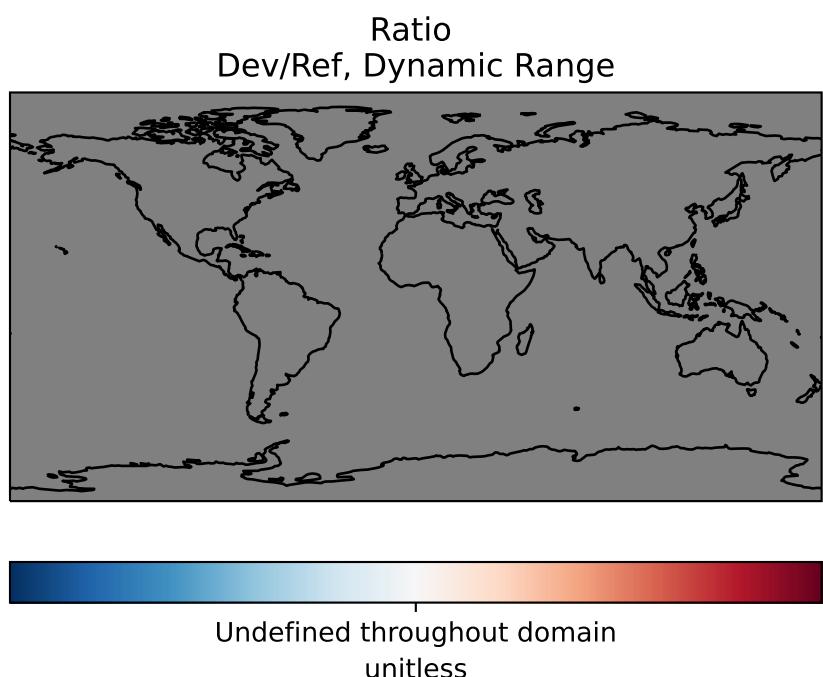
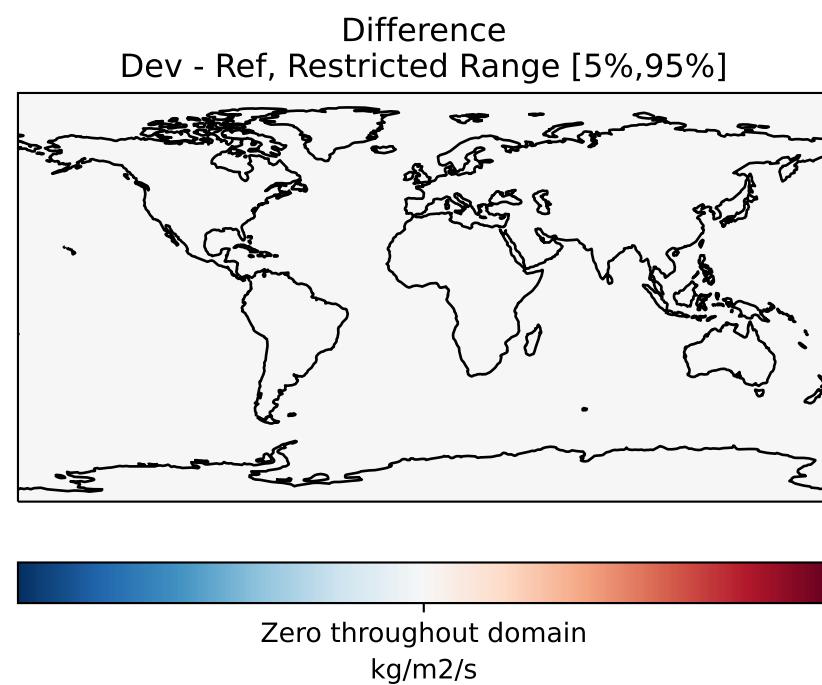
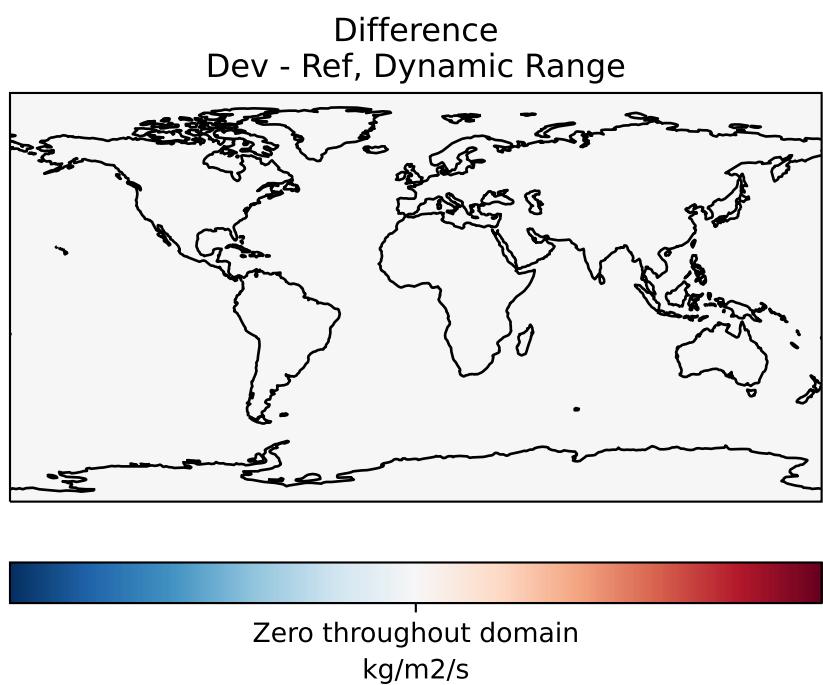
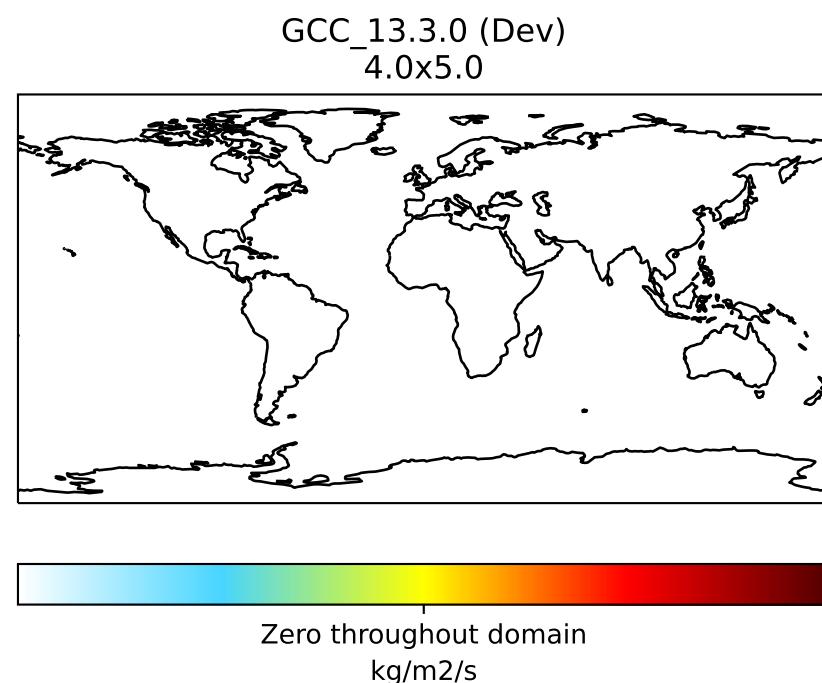
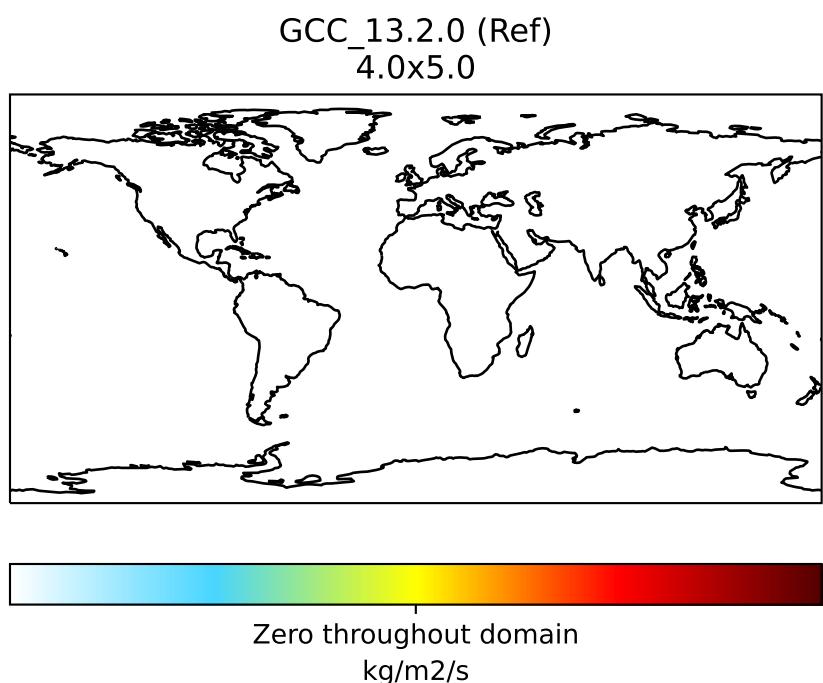
# EmisCH2O\_Total (Jul2019)



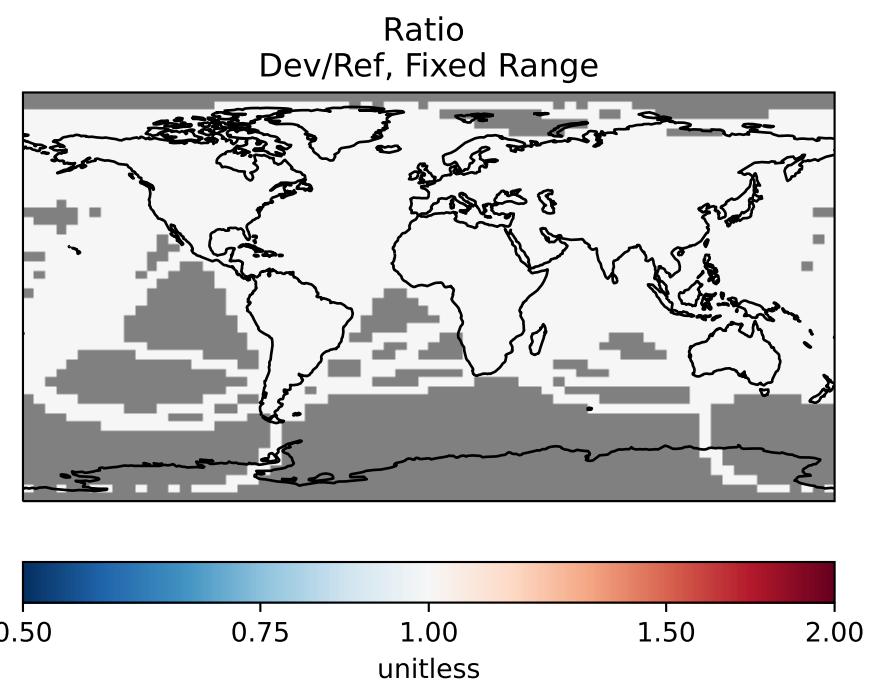
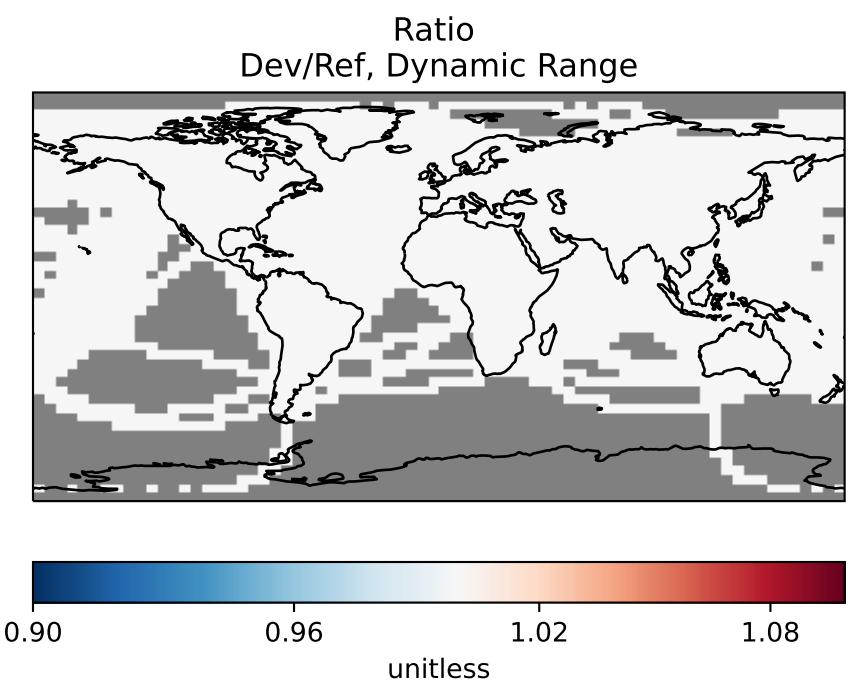
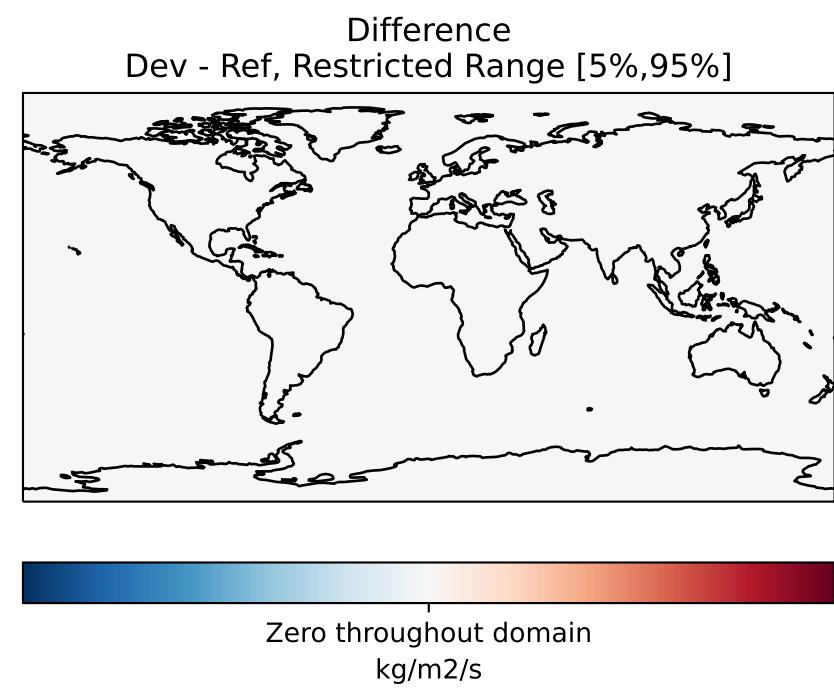
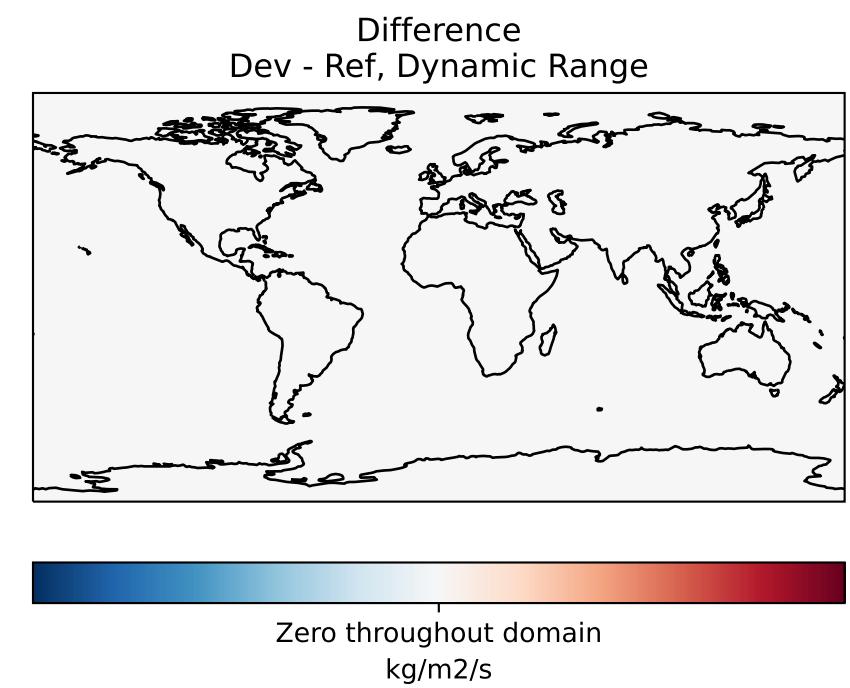
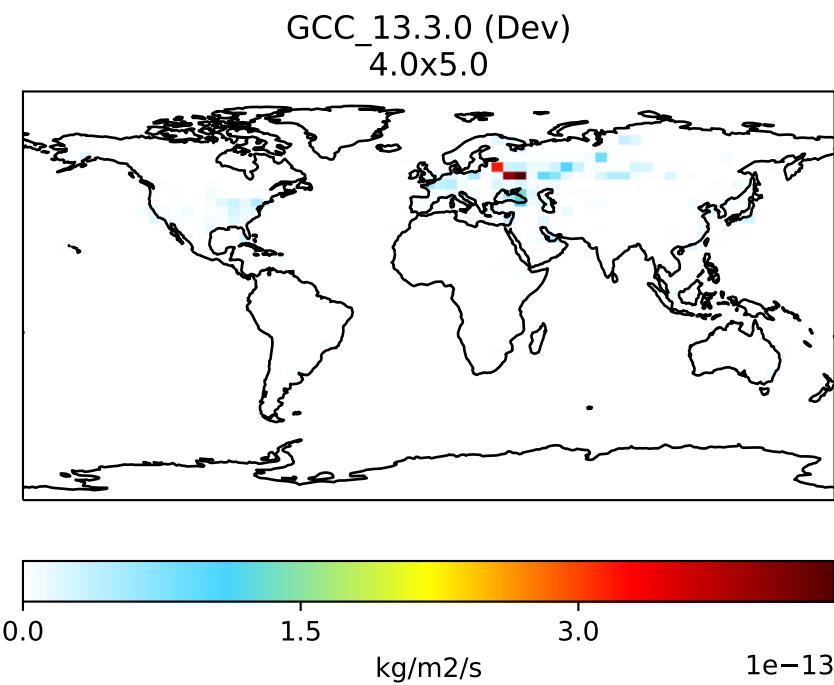
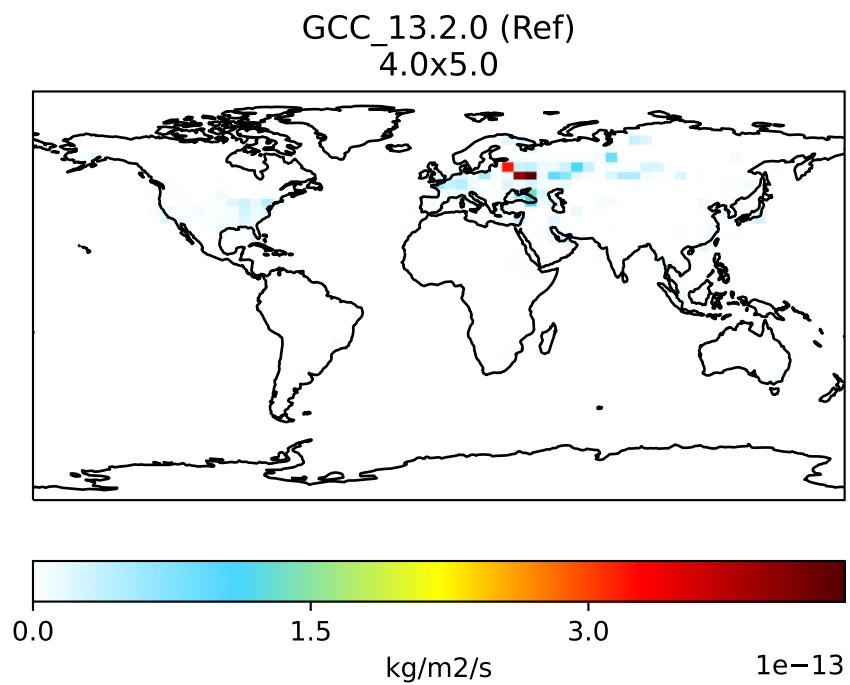
# EmisMACR\_Aircraft (Jul2019)



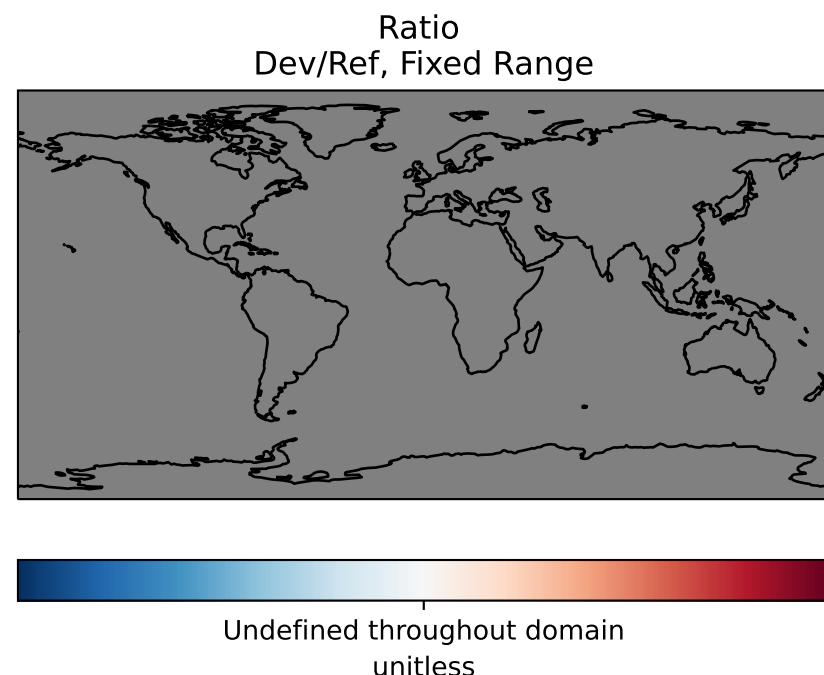
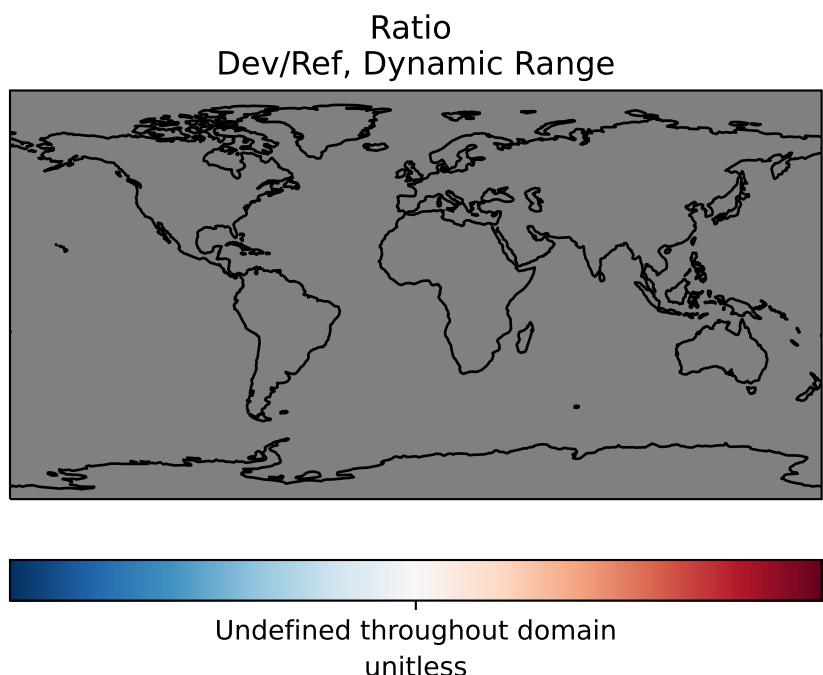
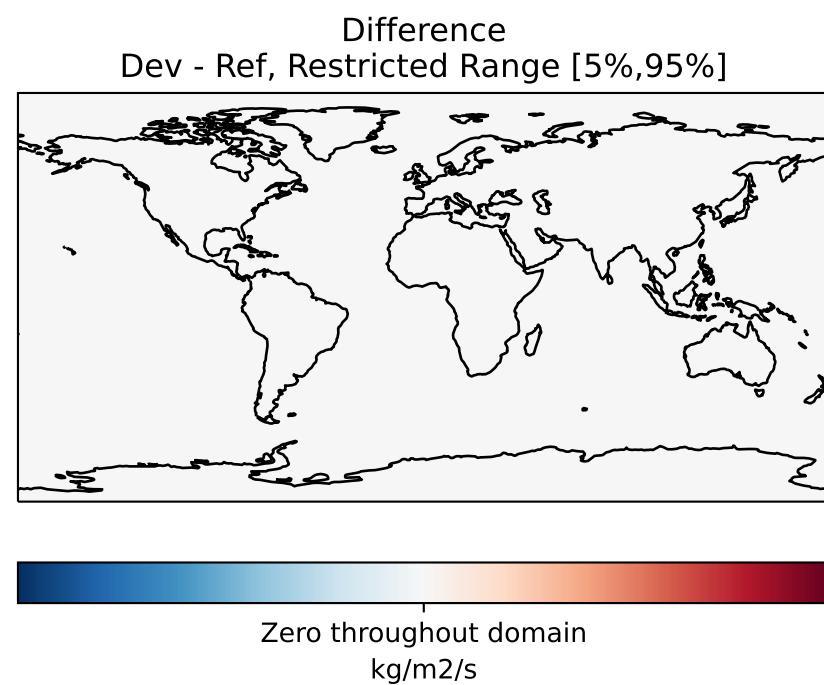
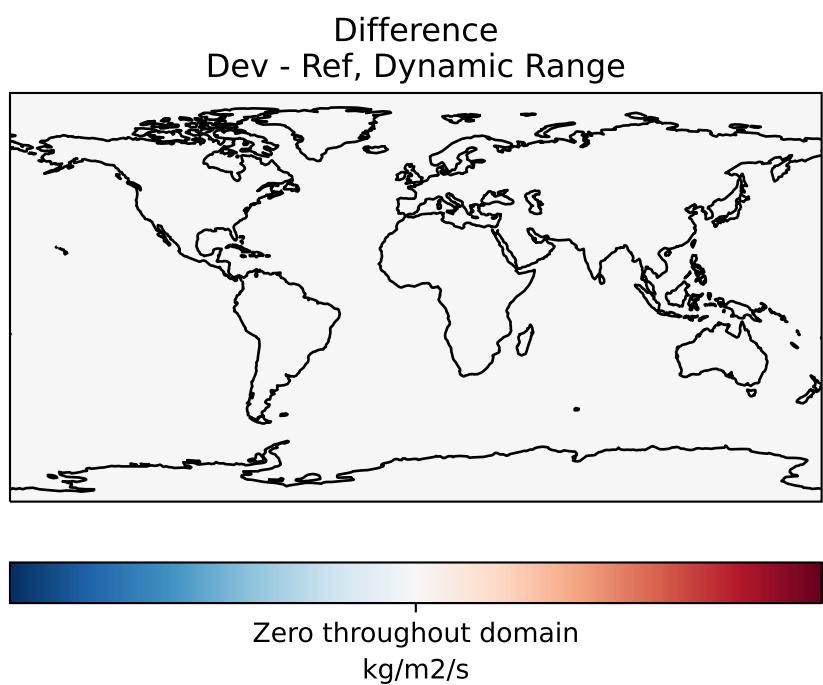
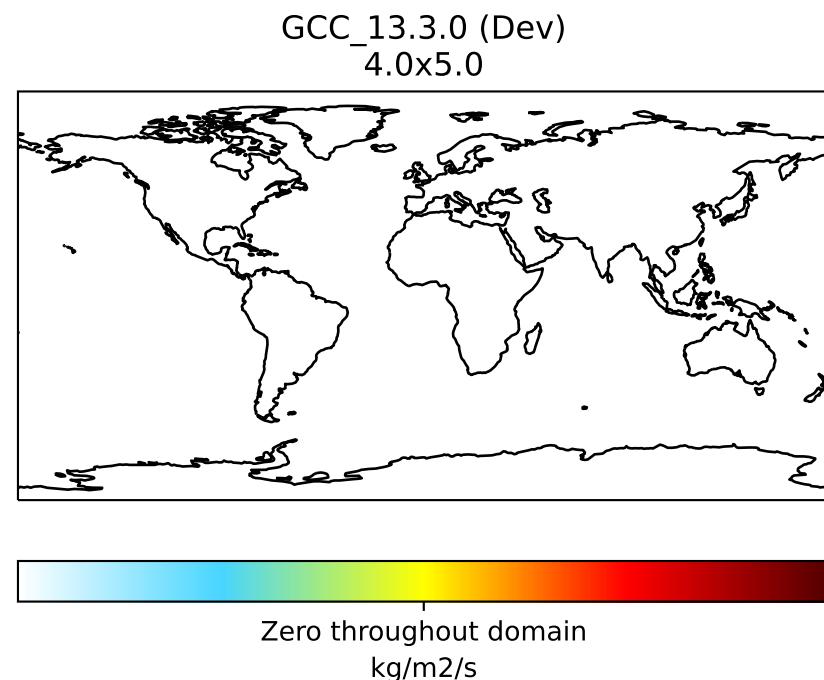
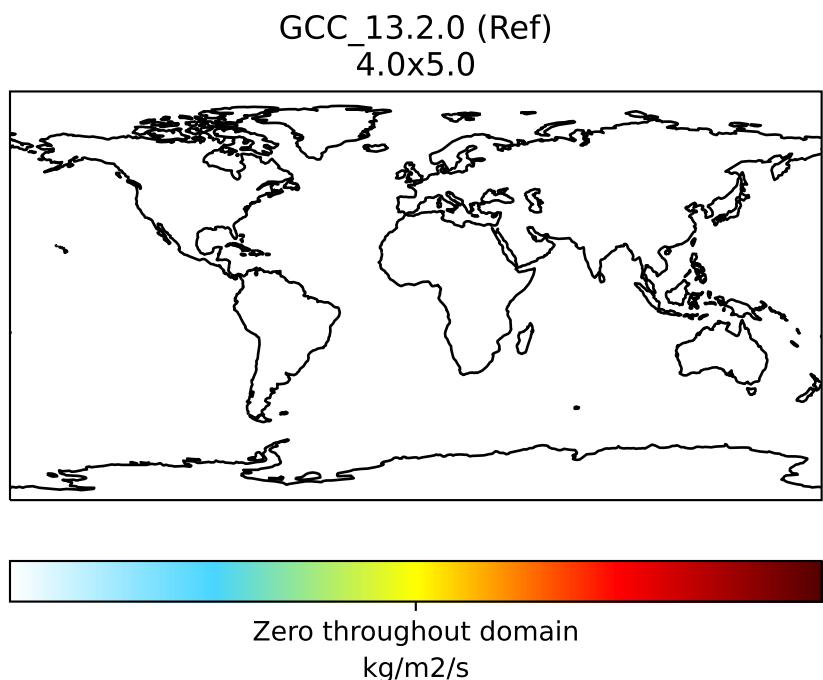
# EmisMACR\_Anthro (Jul2019)



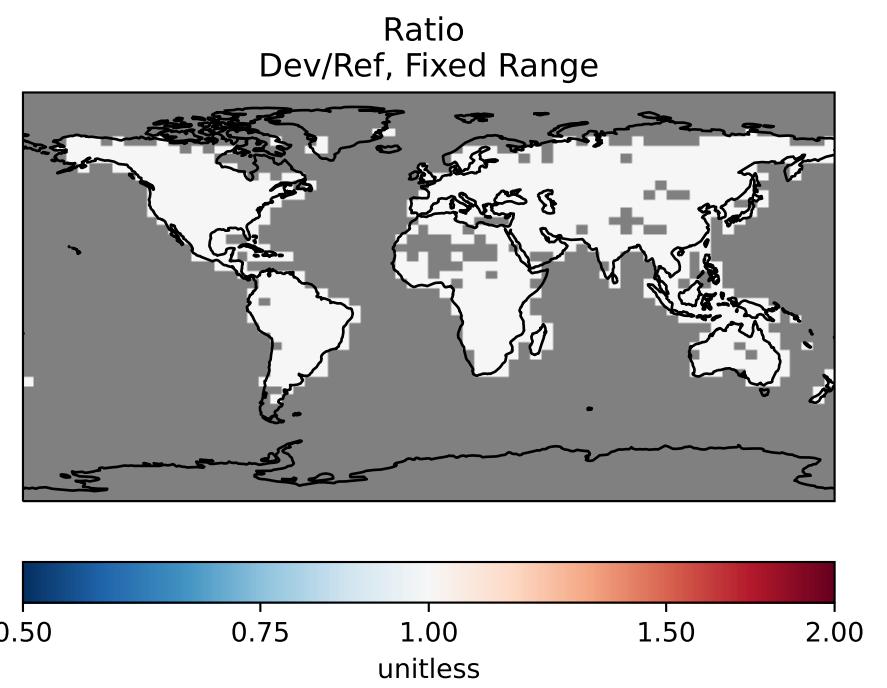
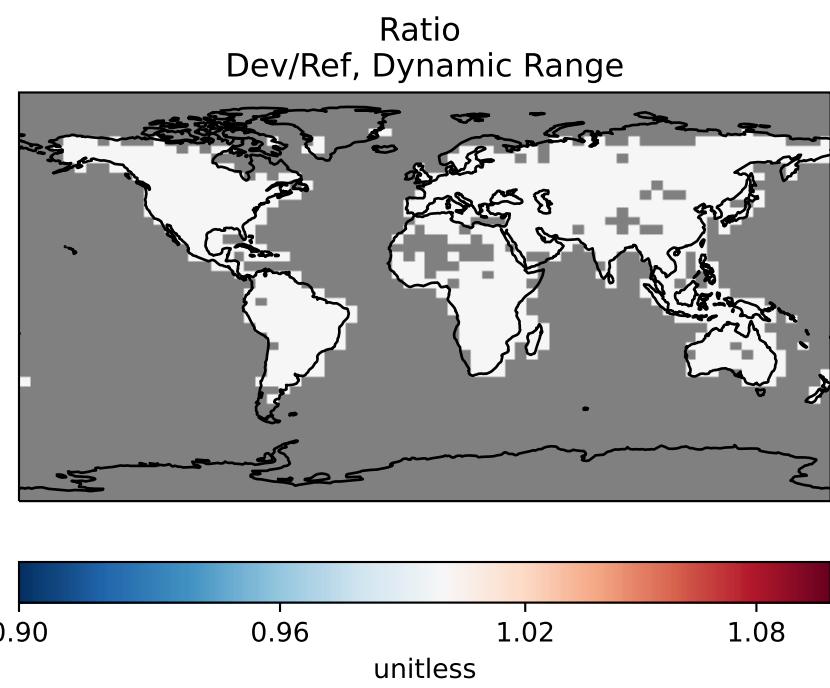
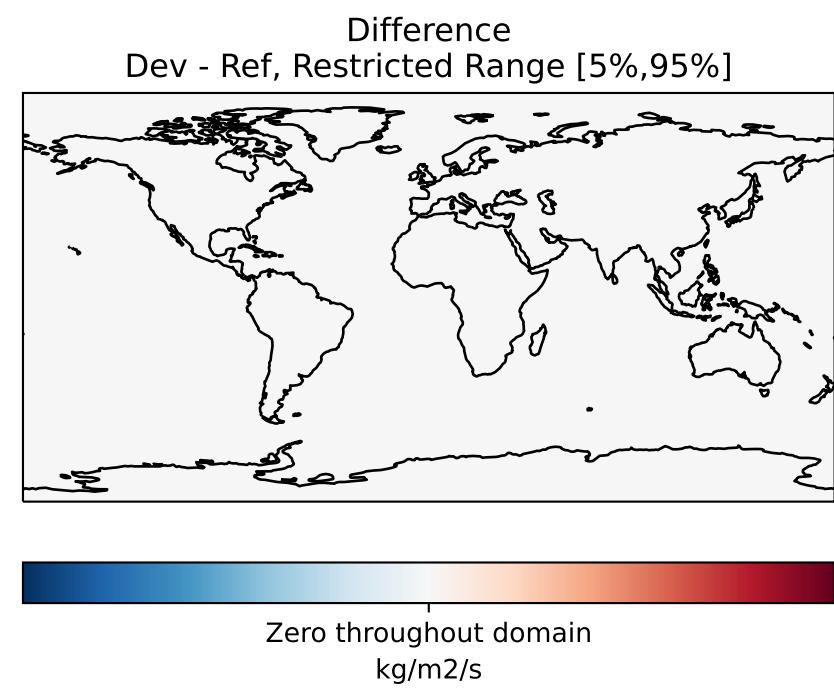
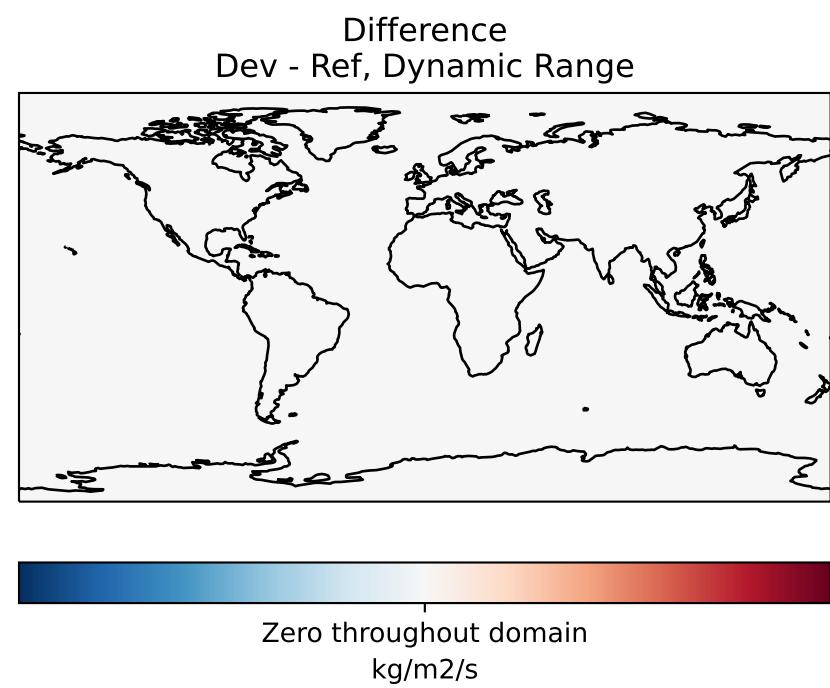
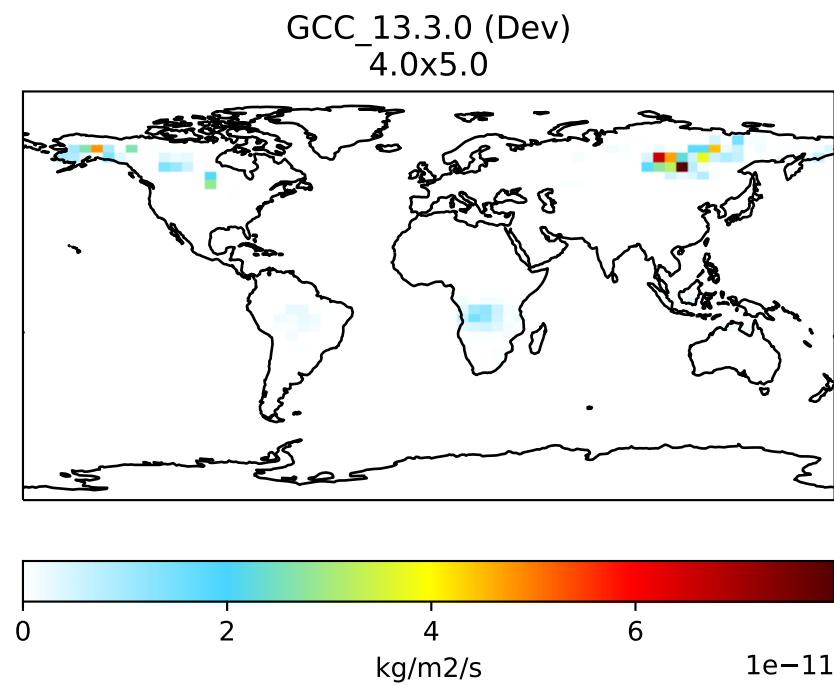
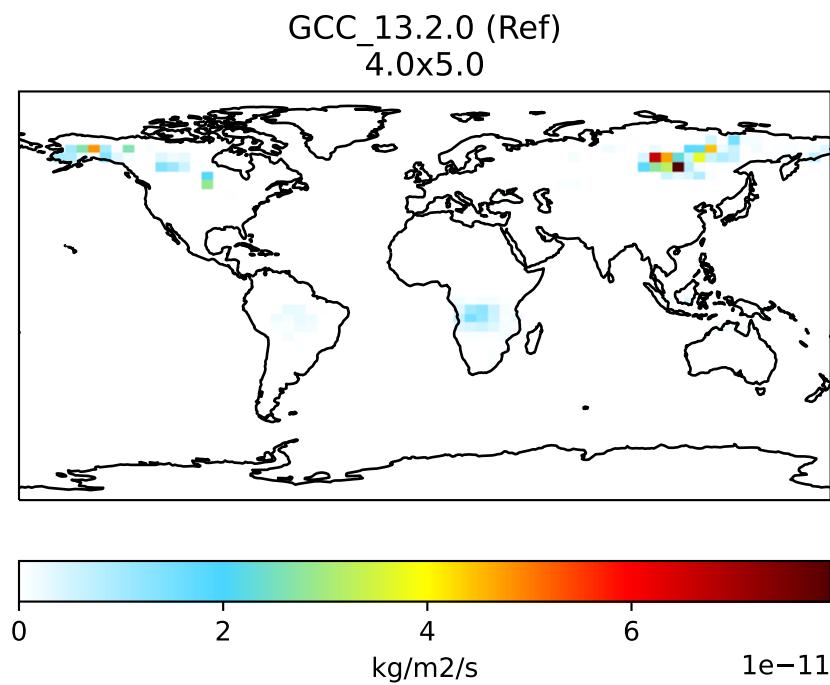
# EmisMACR\_Total (Jul2019)



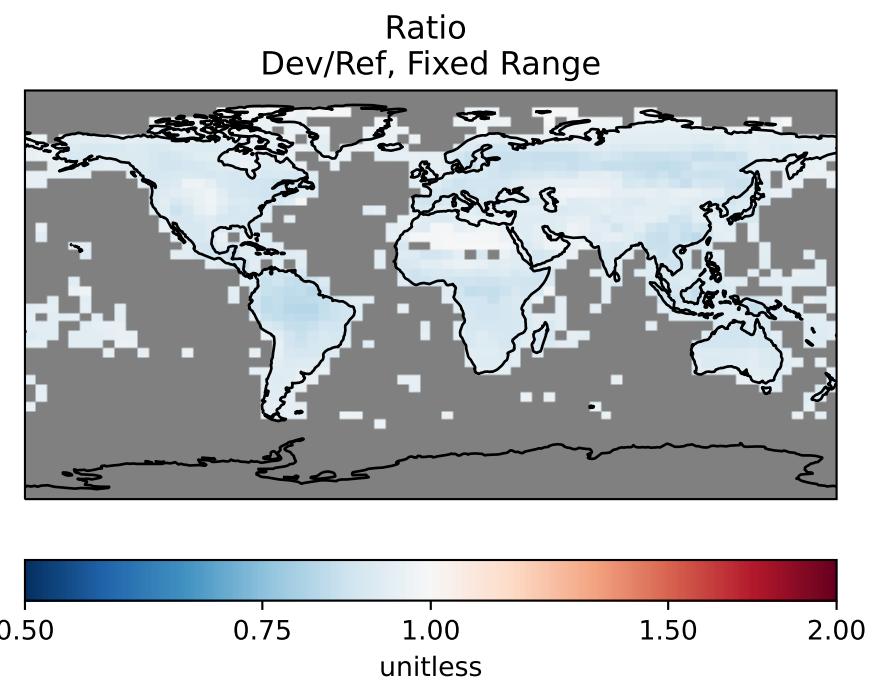
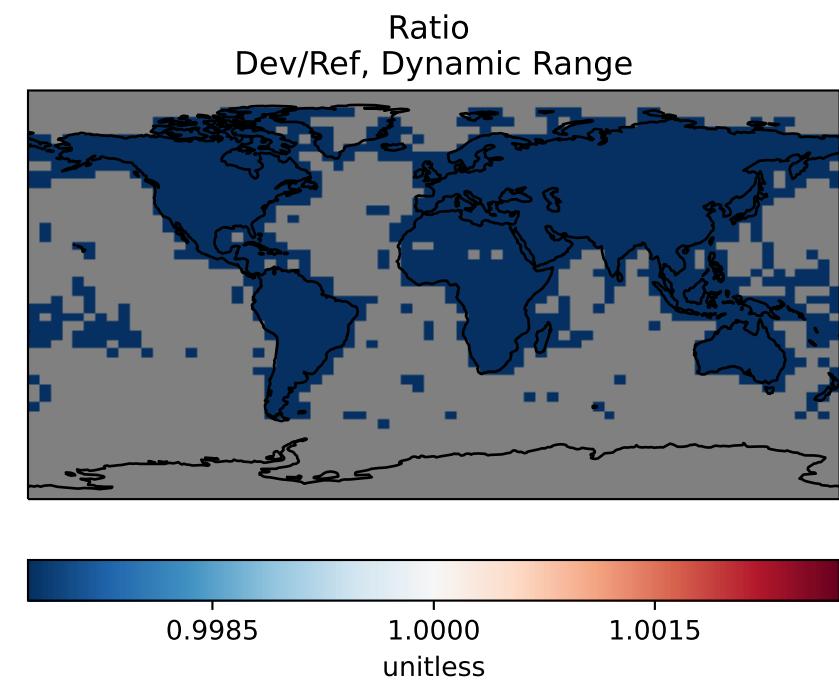
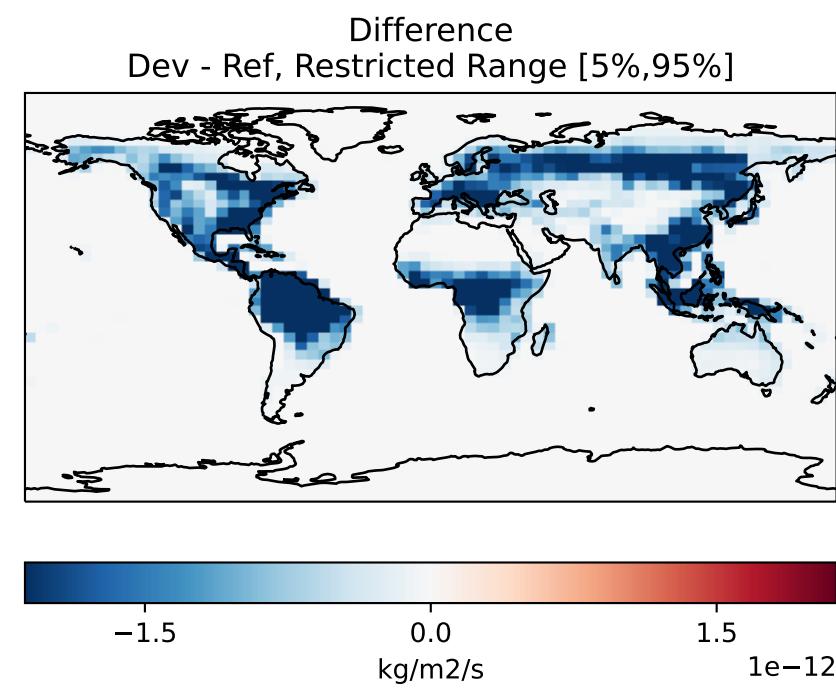
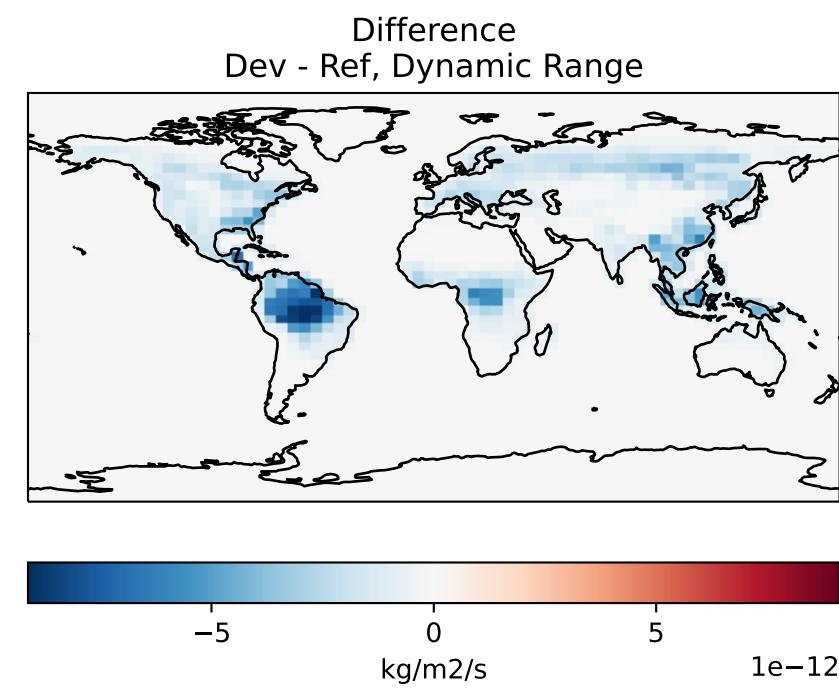
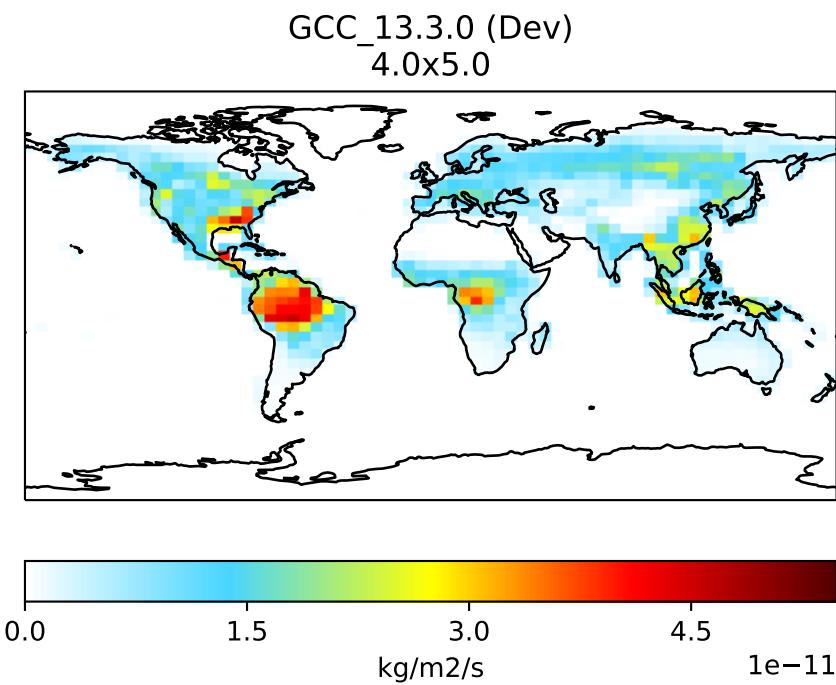
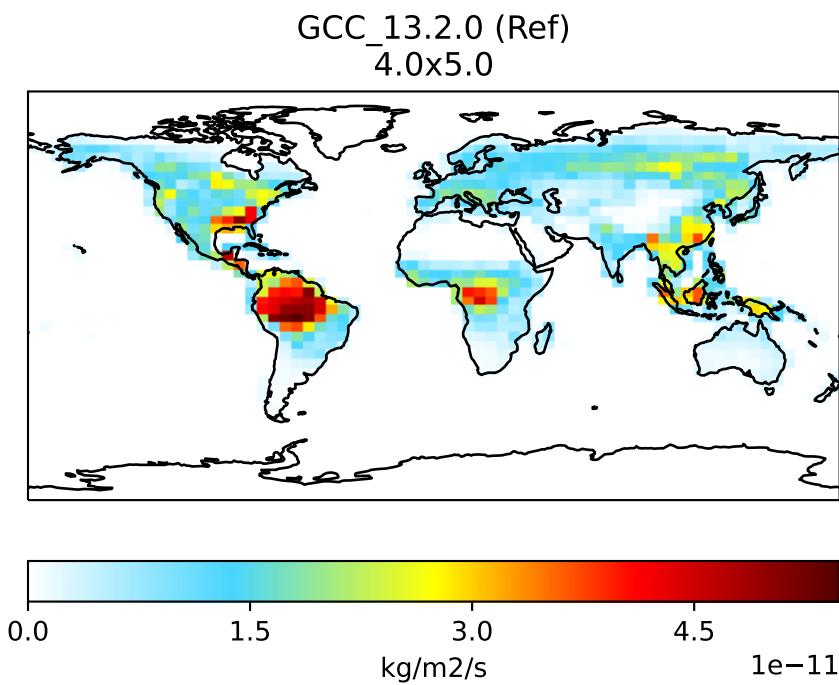
# EmisACET\_Anthro (Jul2019)



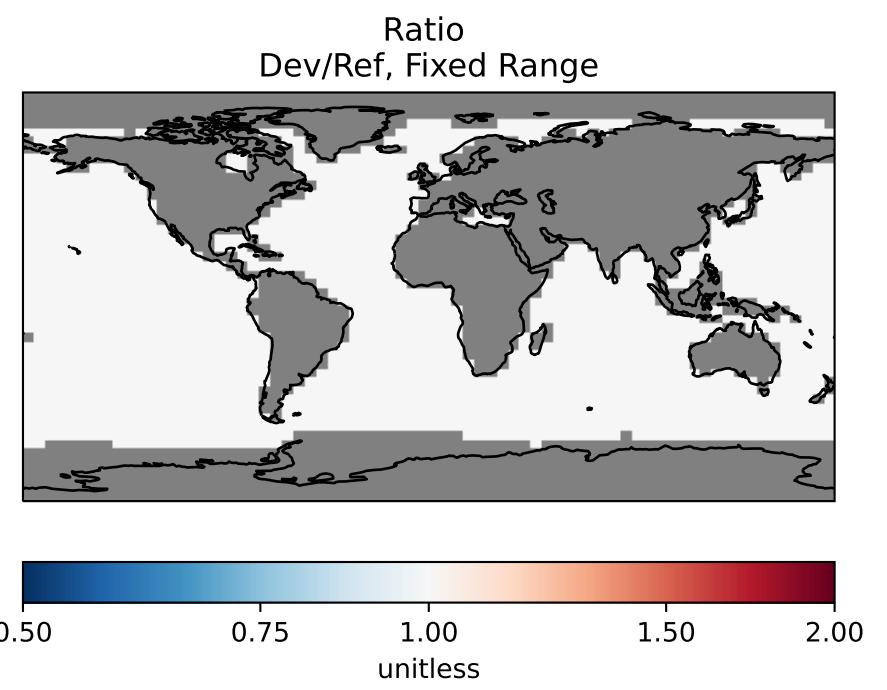
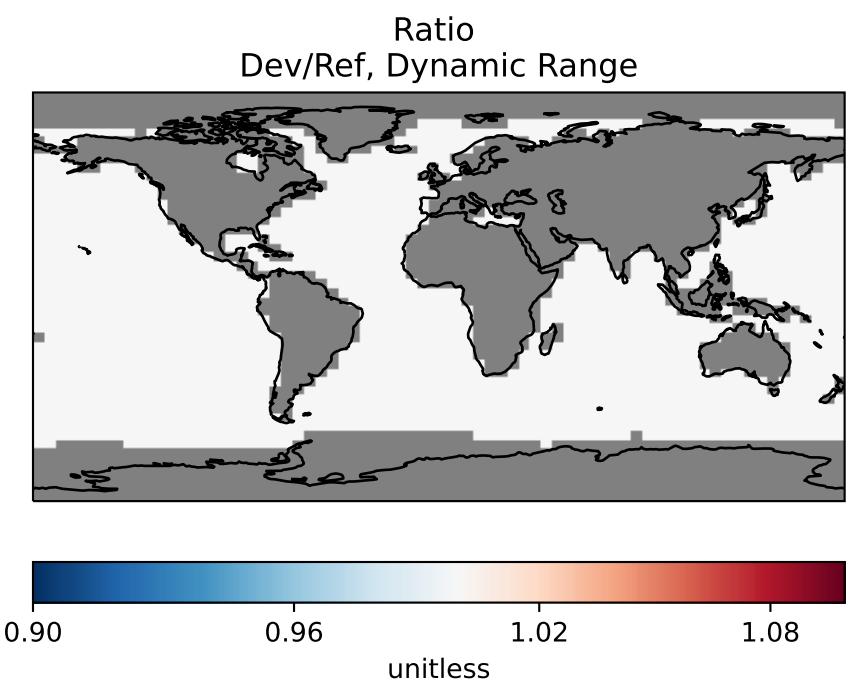
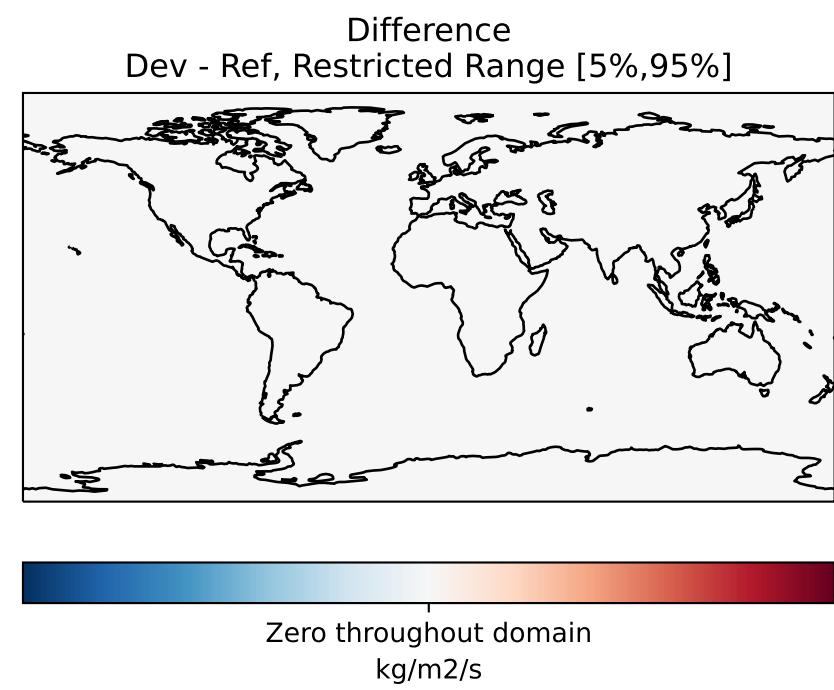
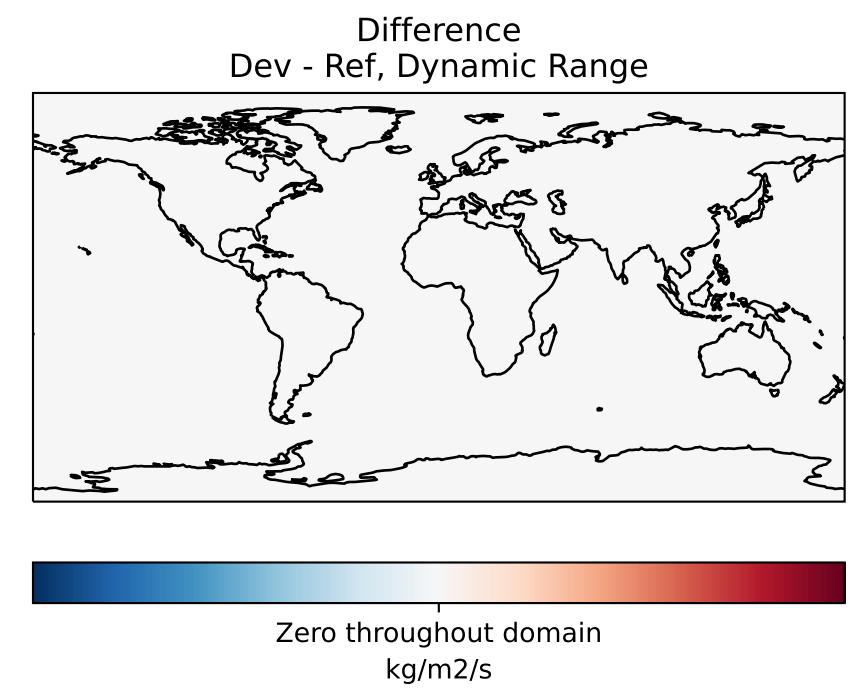
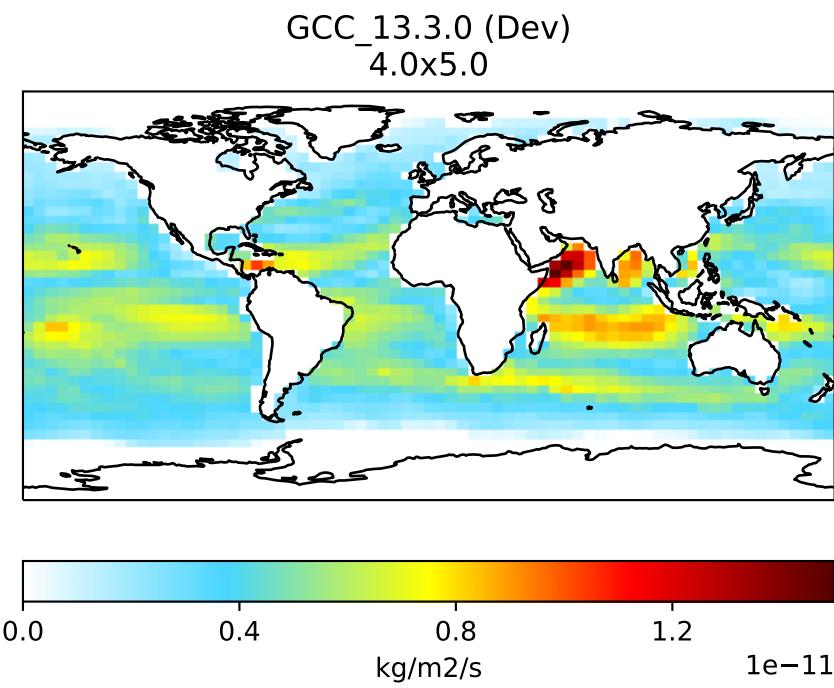
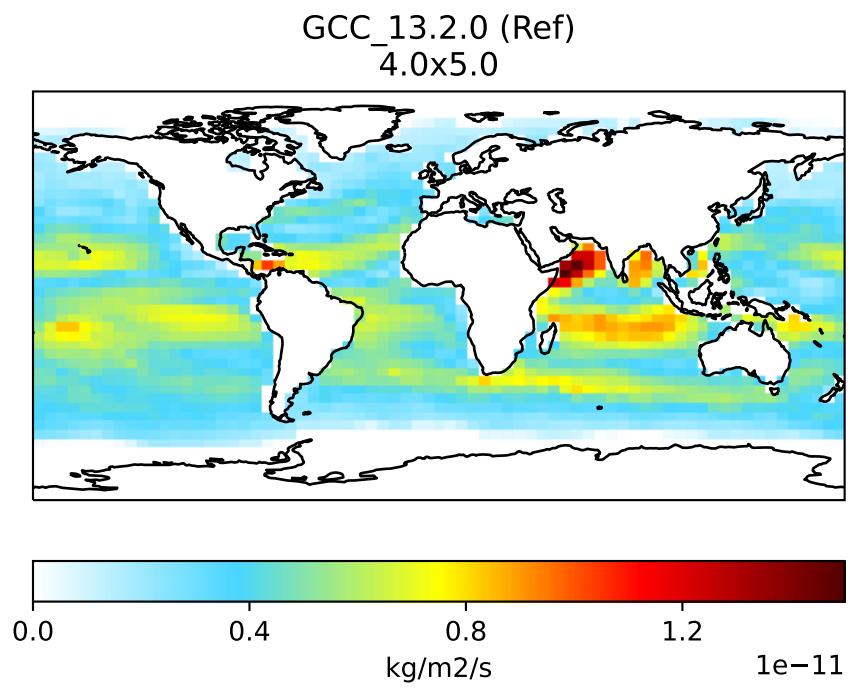
# EmisACET\_BioBurn (Jul2019)



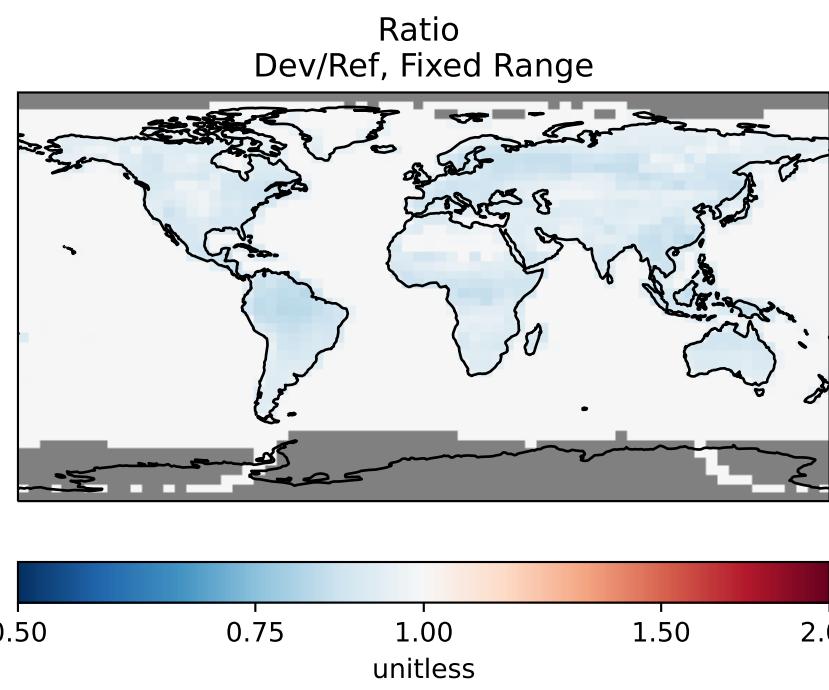
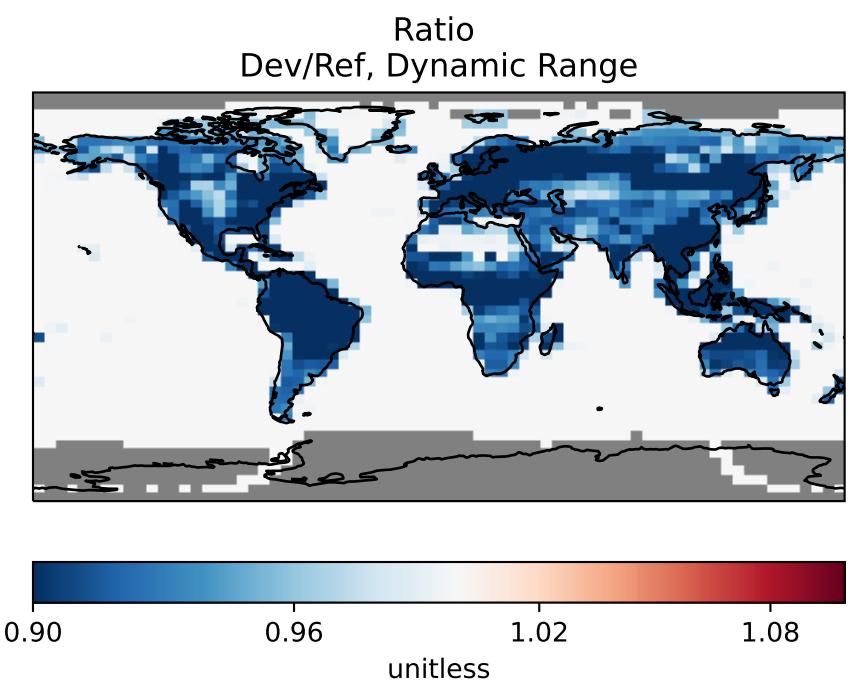
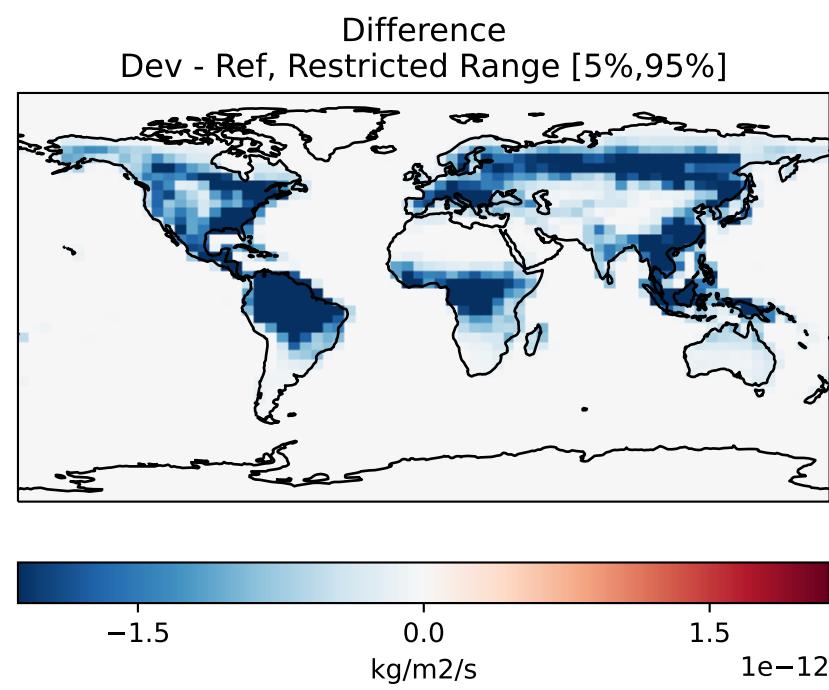
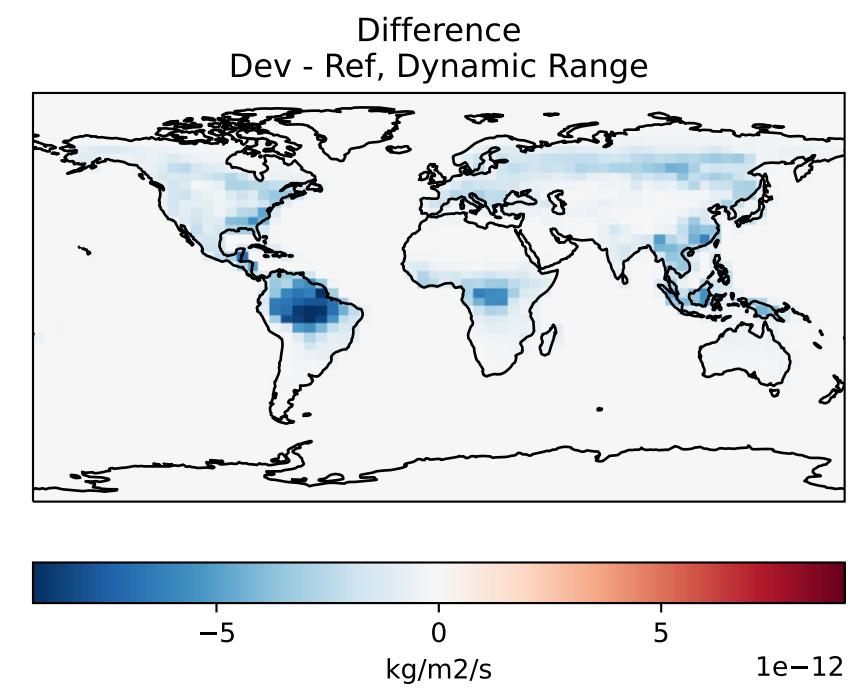
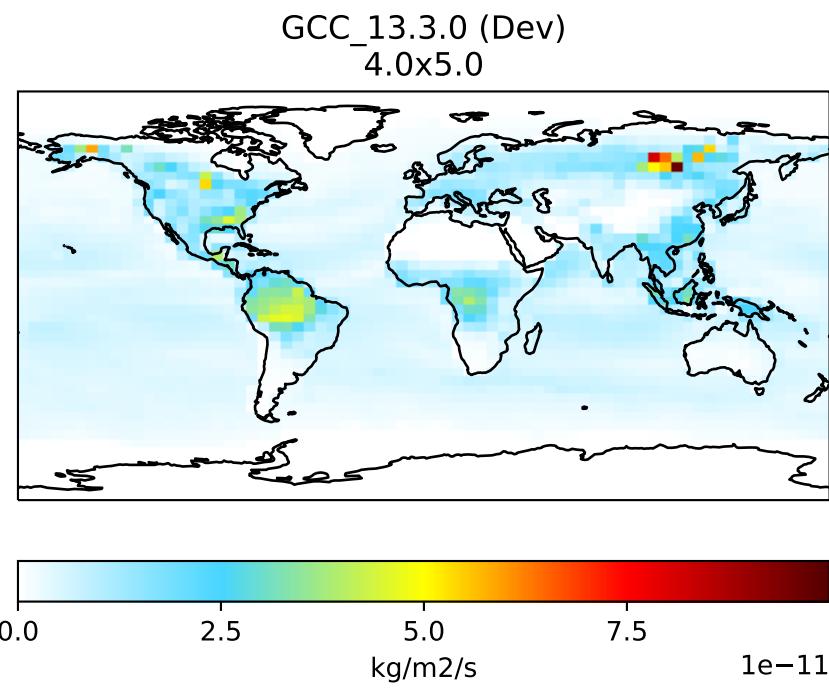
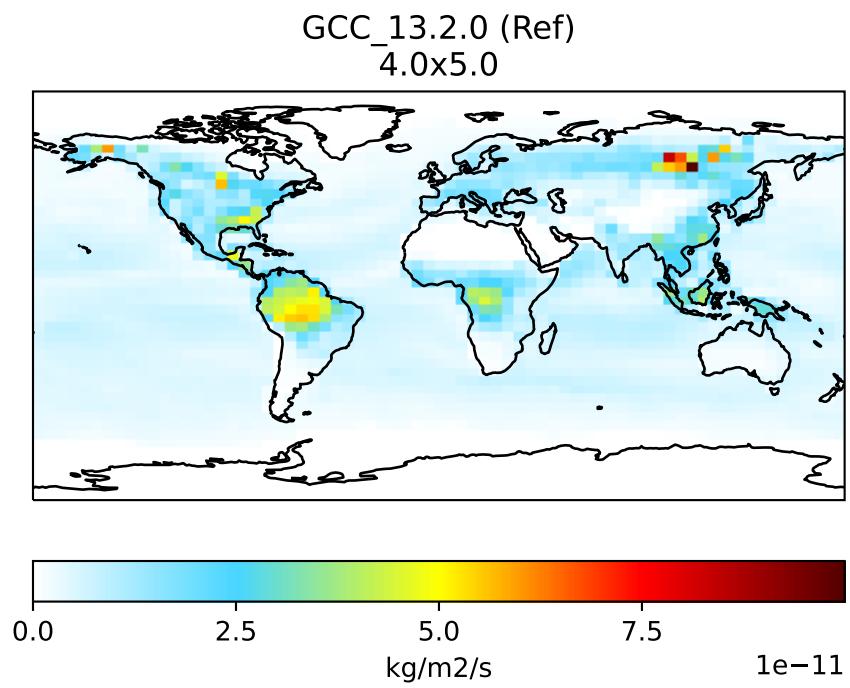
# EmisACET\_Biogenic (Jul2019)



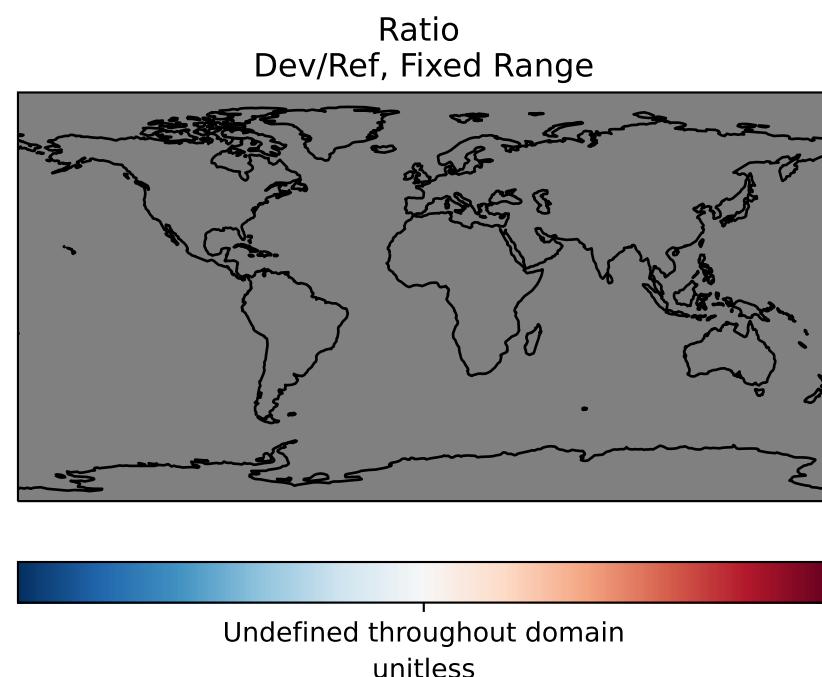
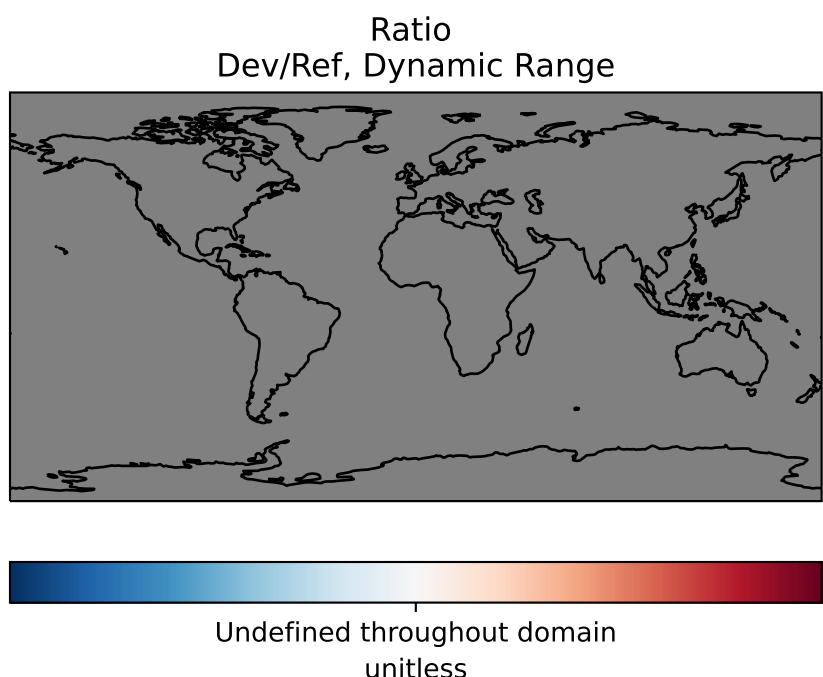
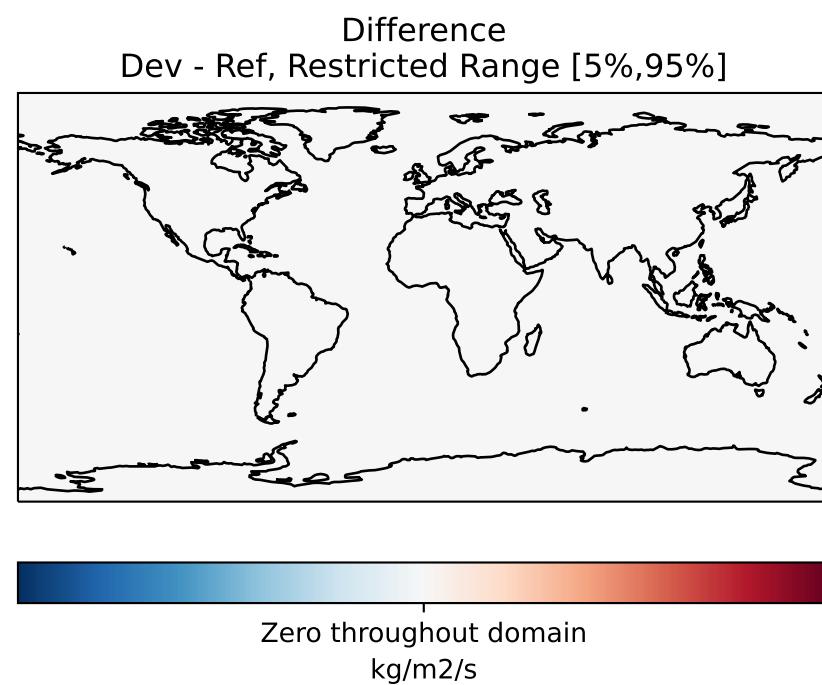
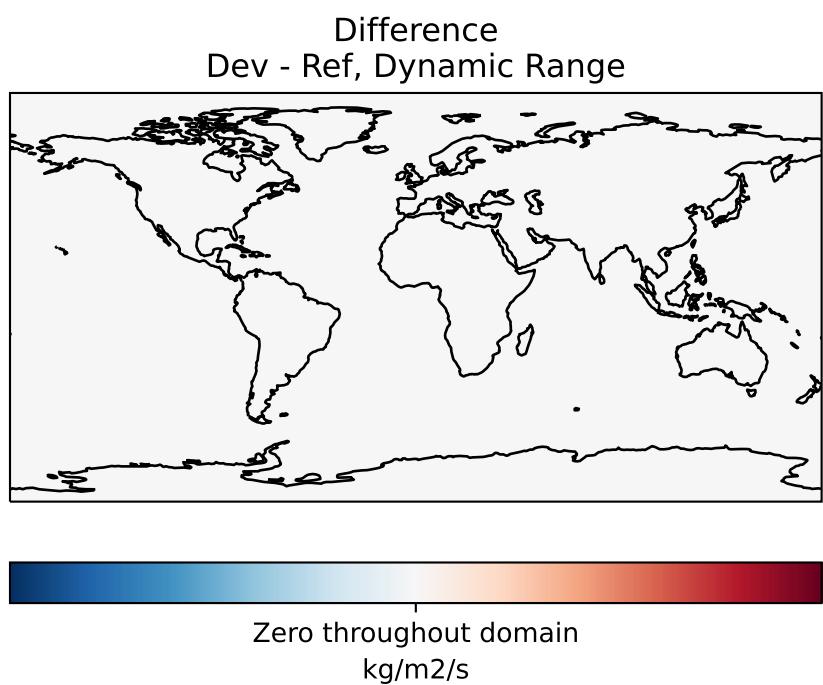
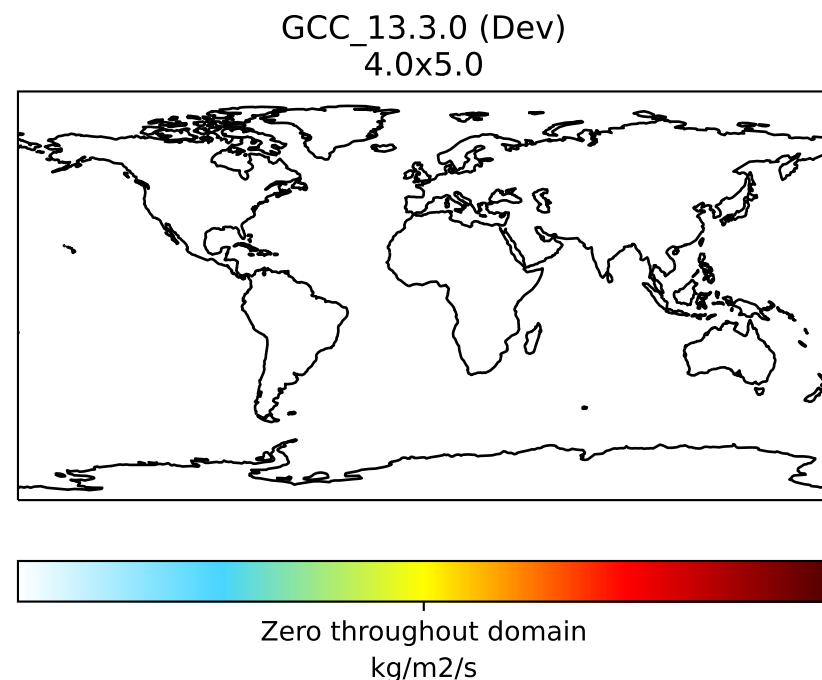
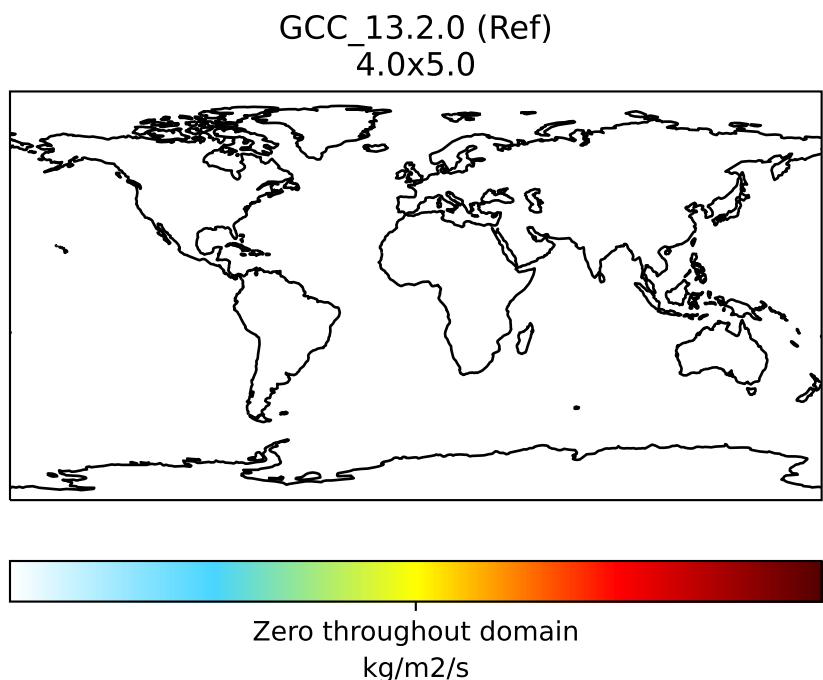
# EmisACET\_Ocean (Jul2019)



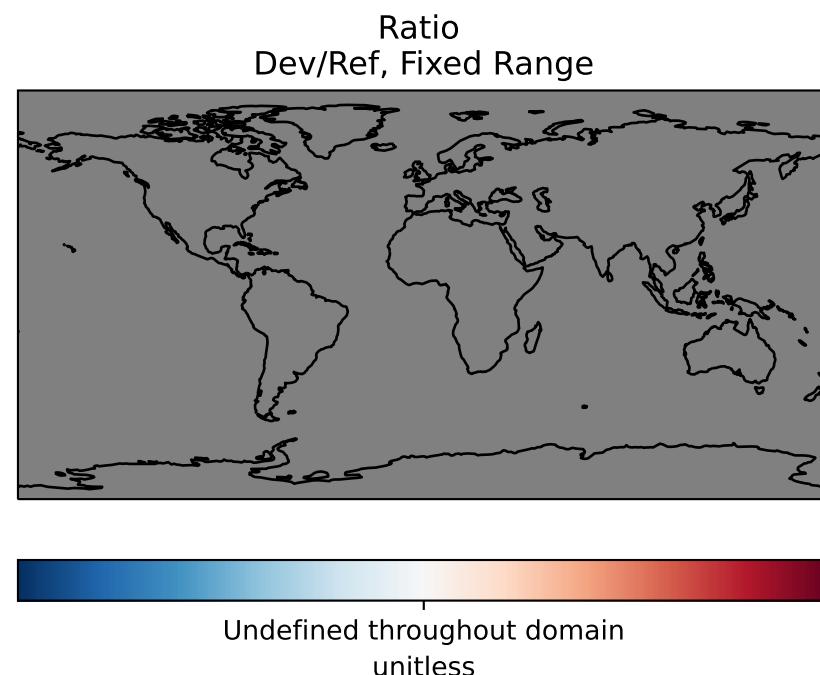
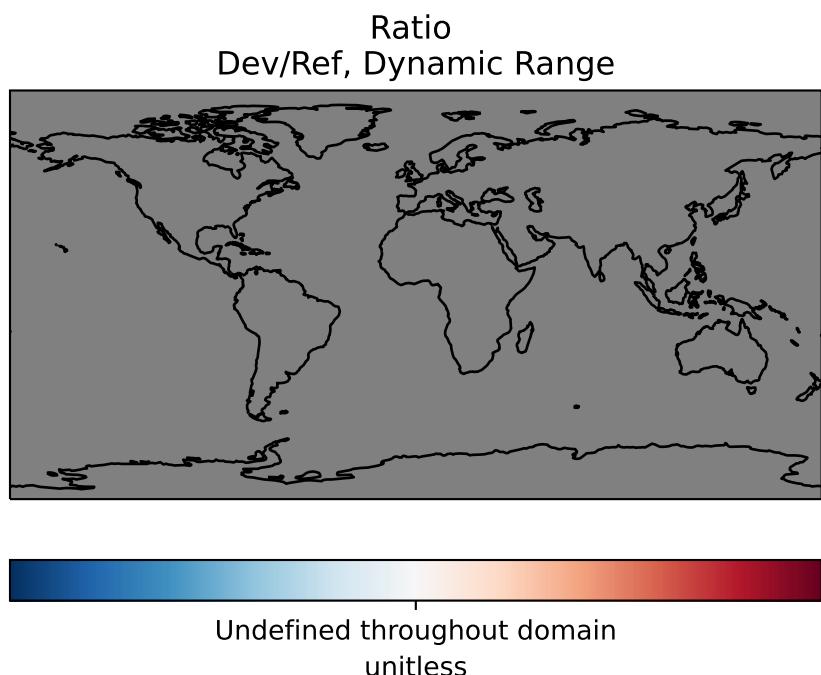
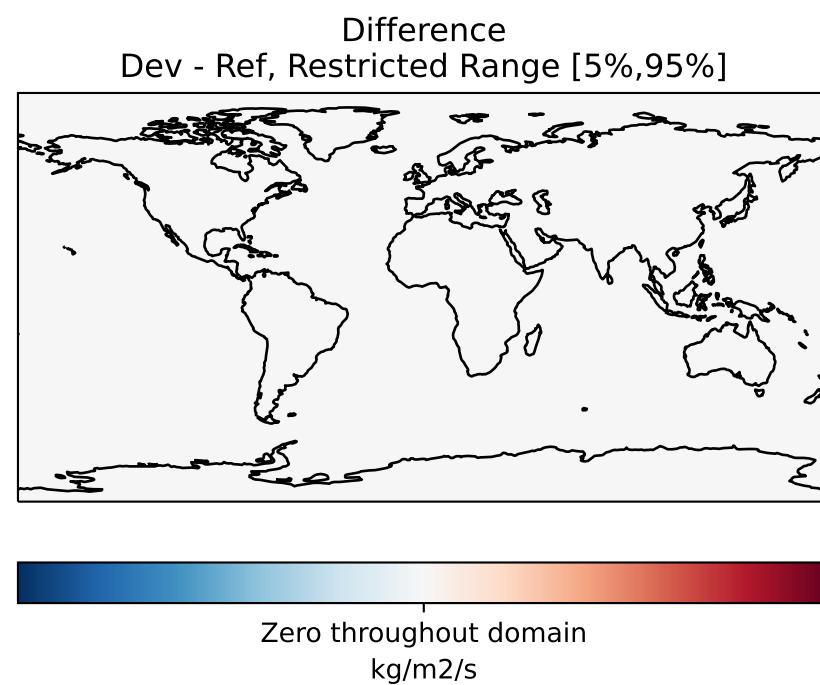
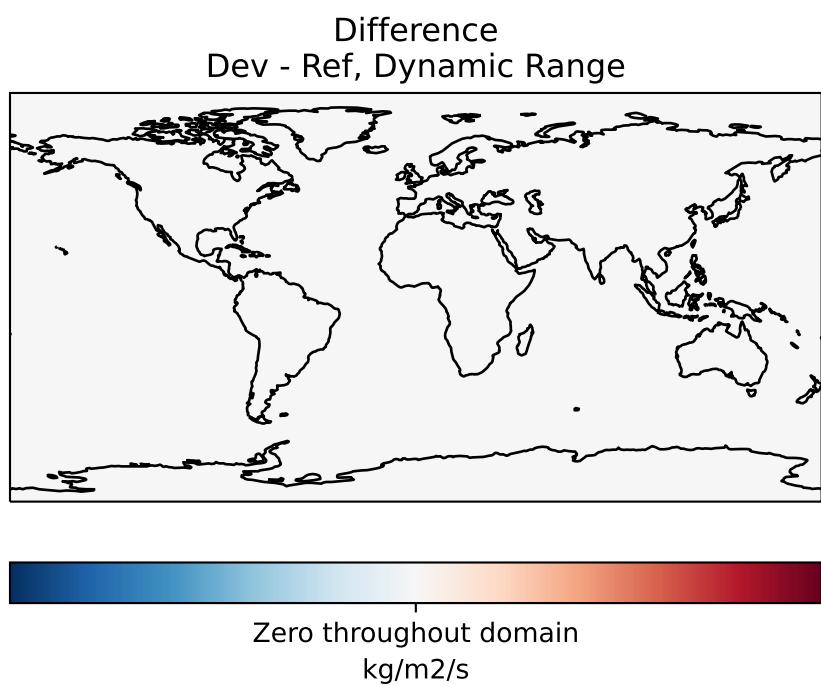
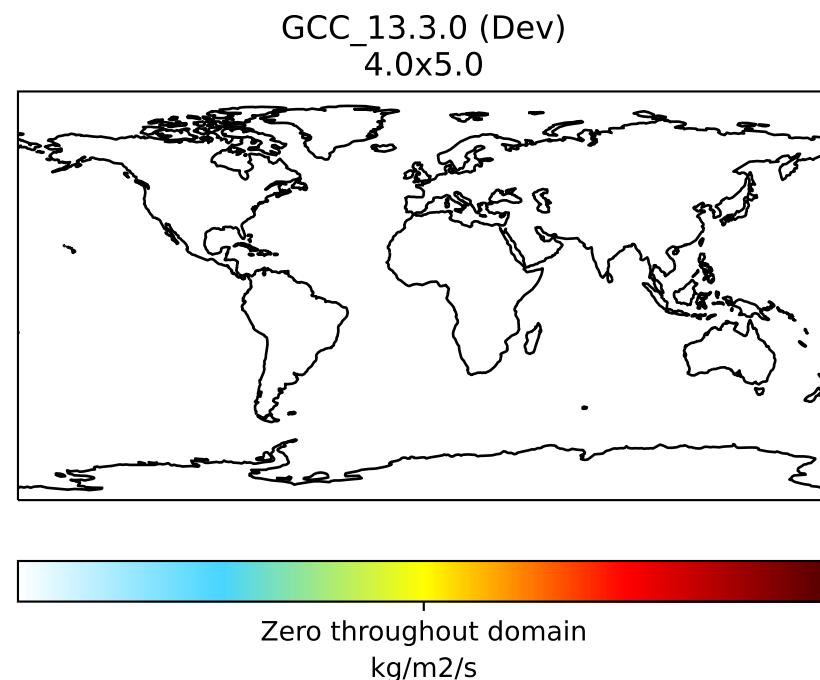
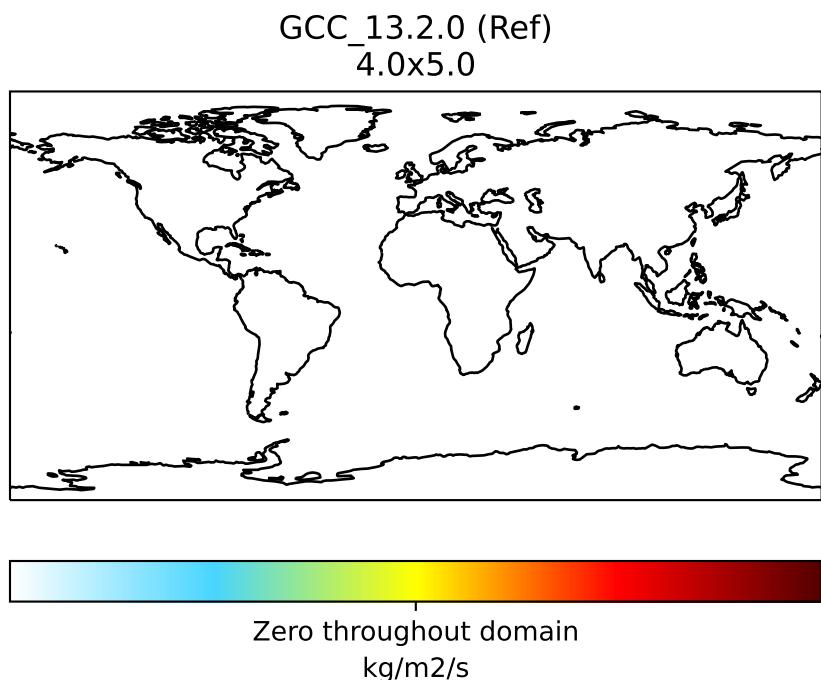
# EmisACET\_Total (Jul2019)



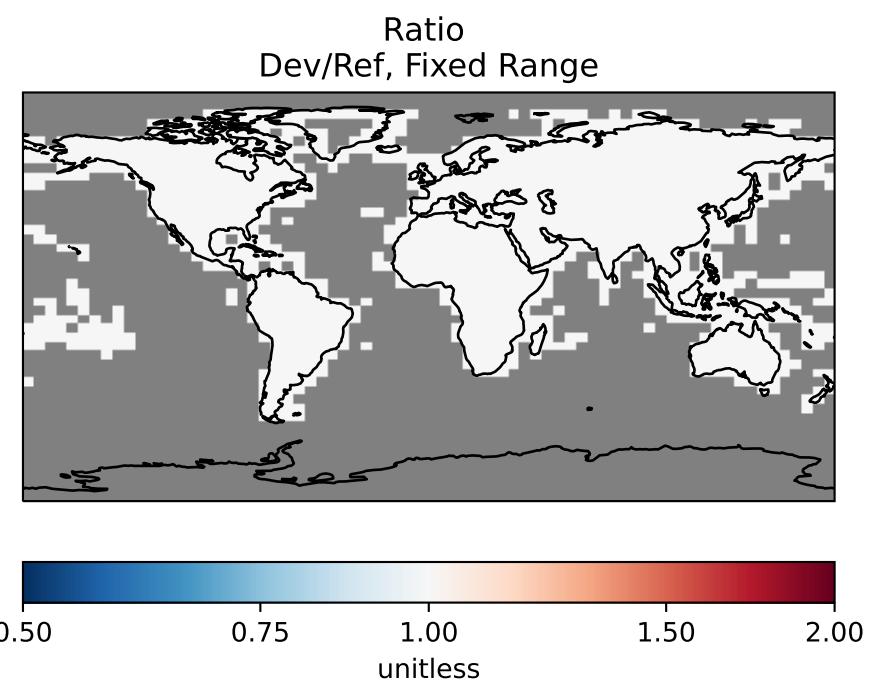
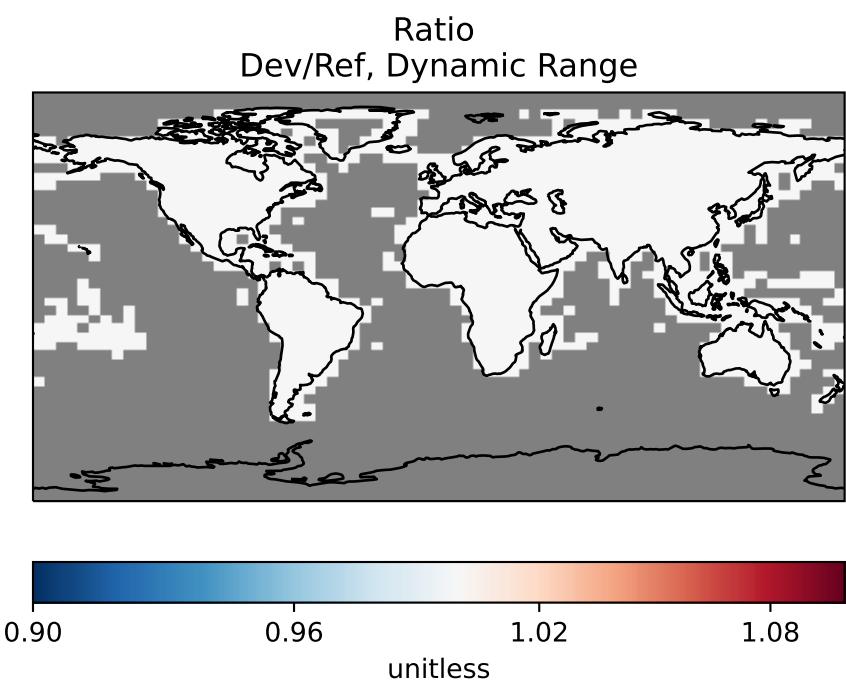
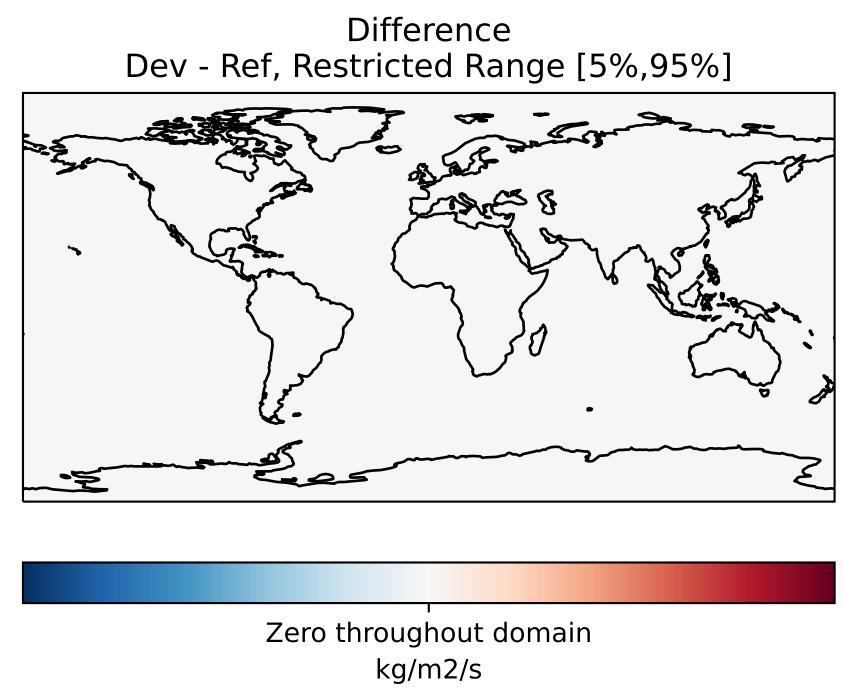
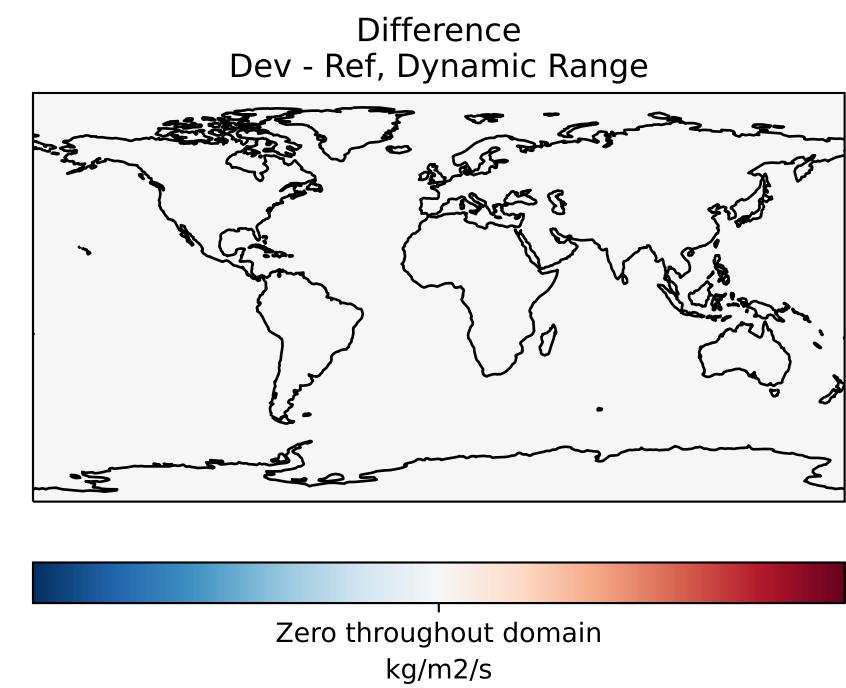
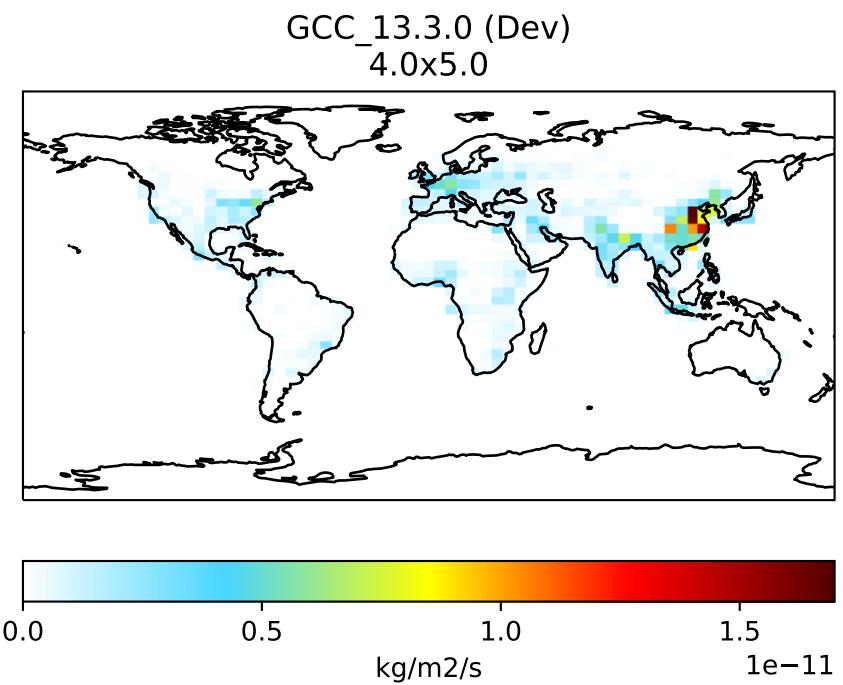
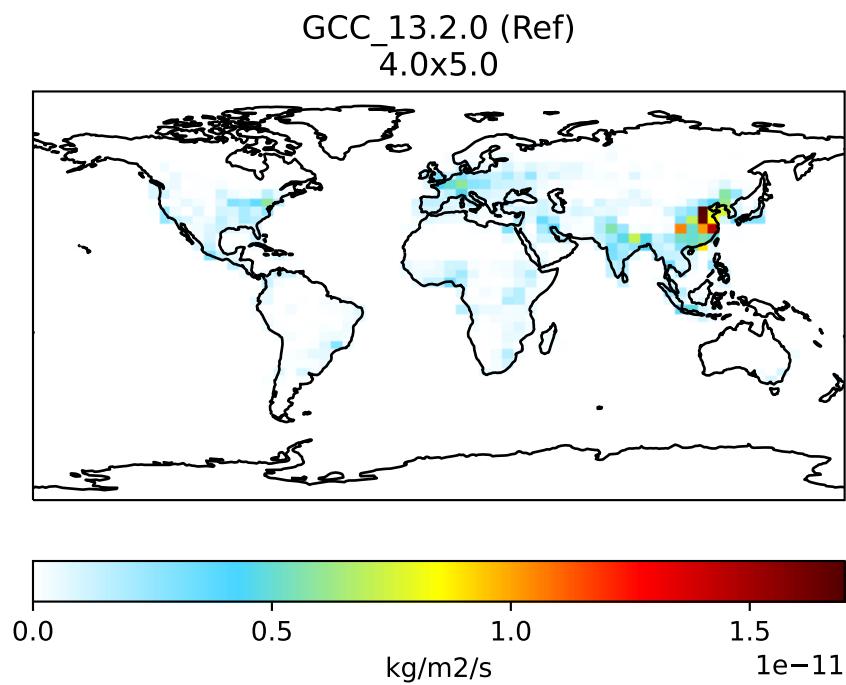
# EmisHAC\_Anthro (Jul2019)



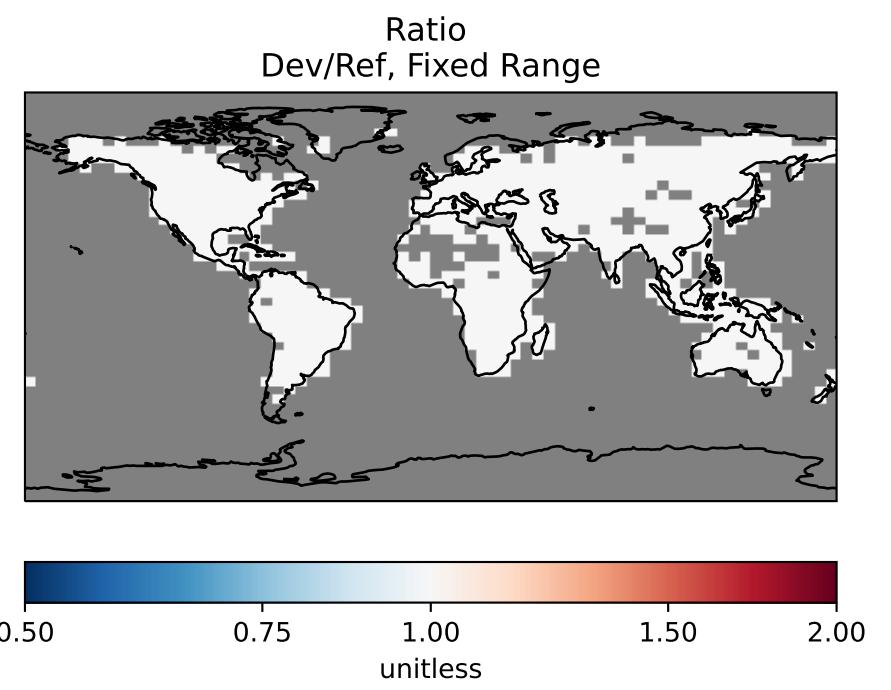
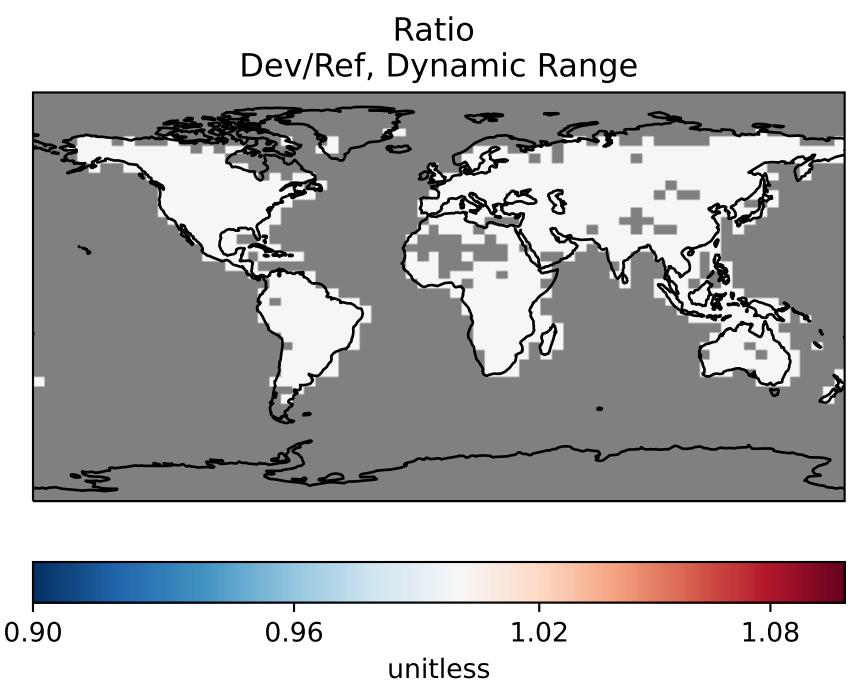
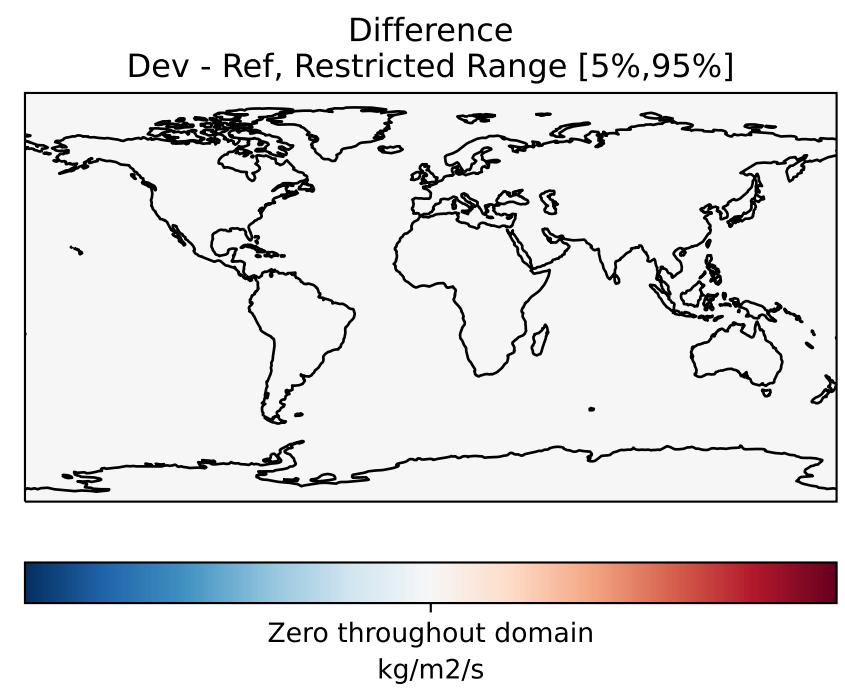
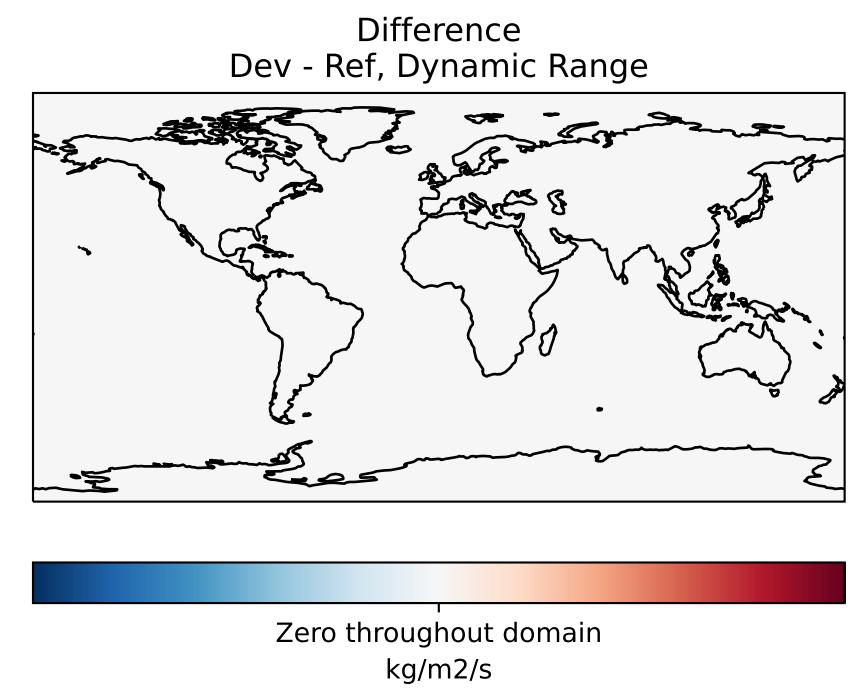
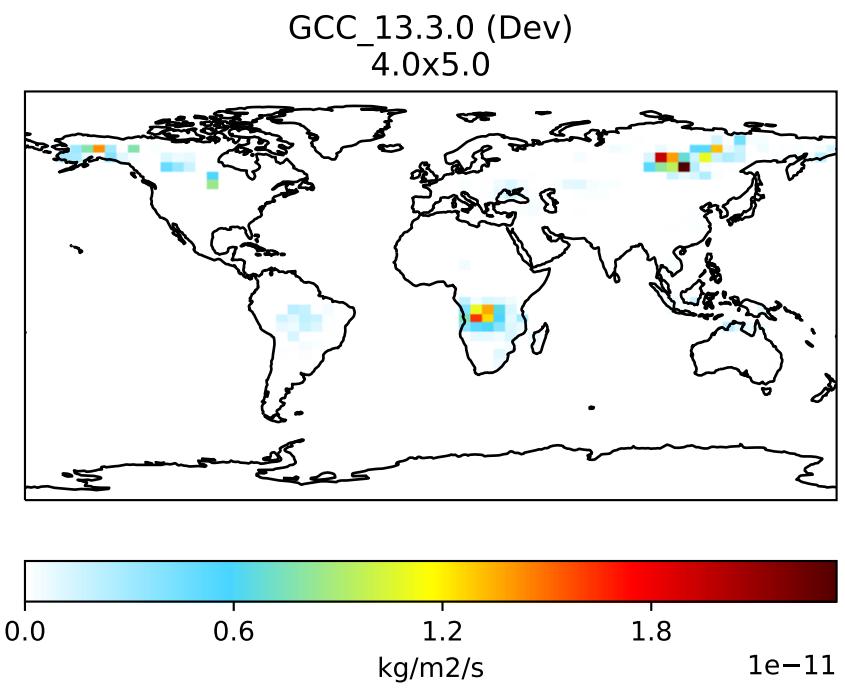
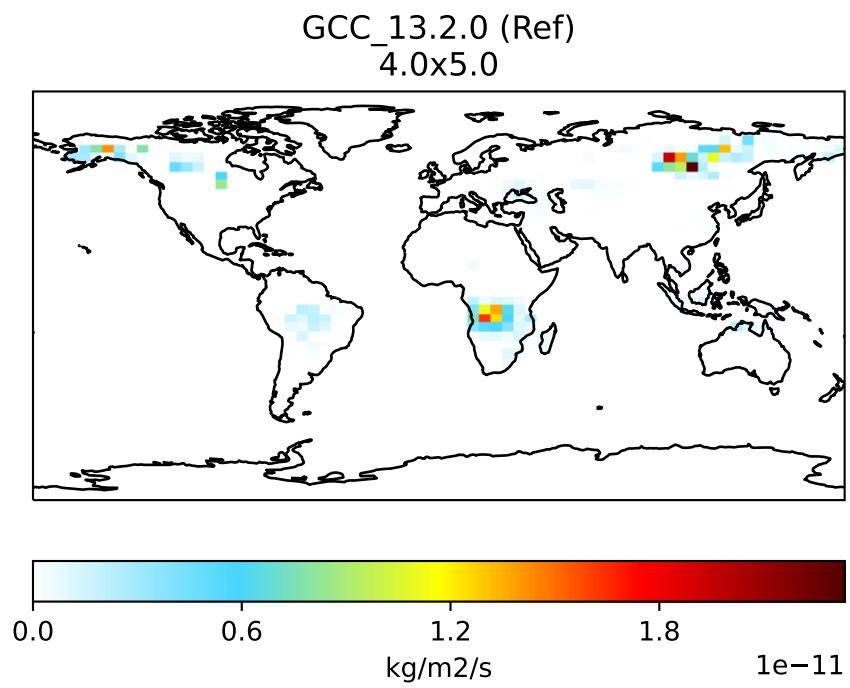
# EmisHAC\_Total (Jul2019)



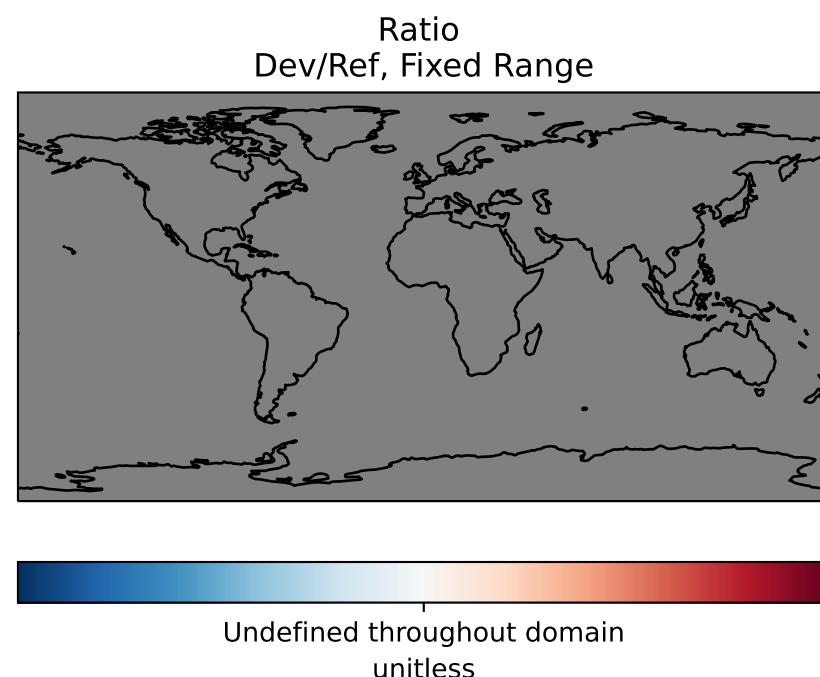
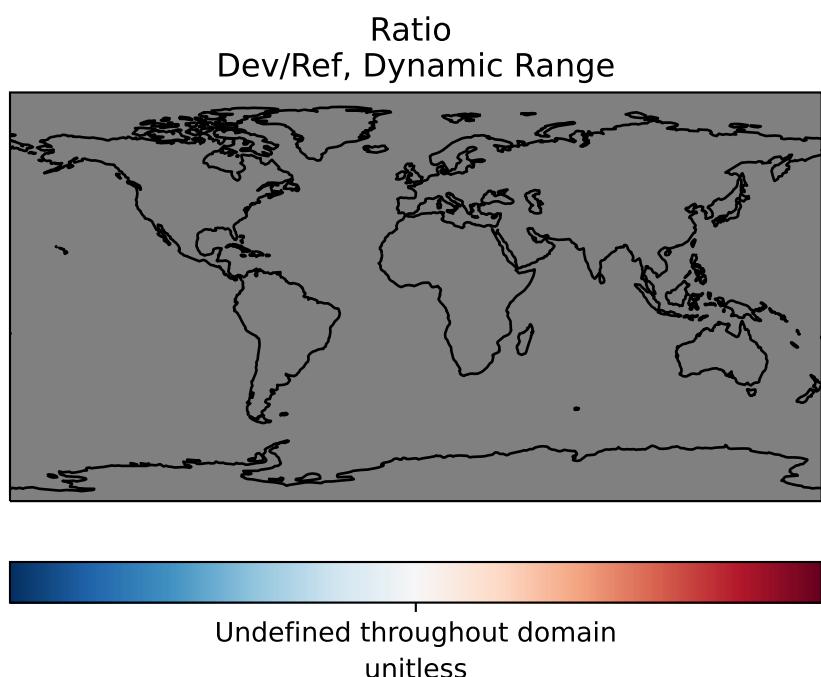
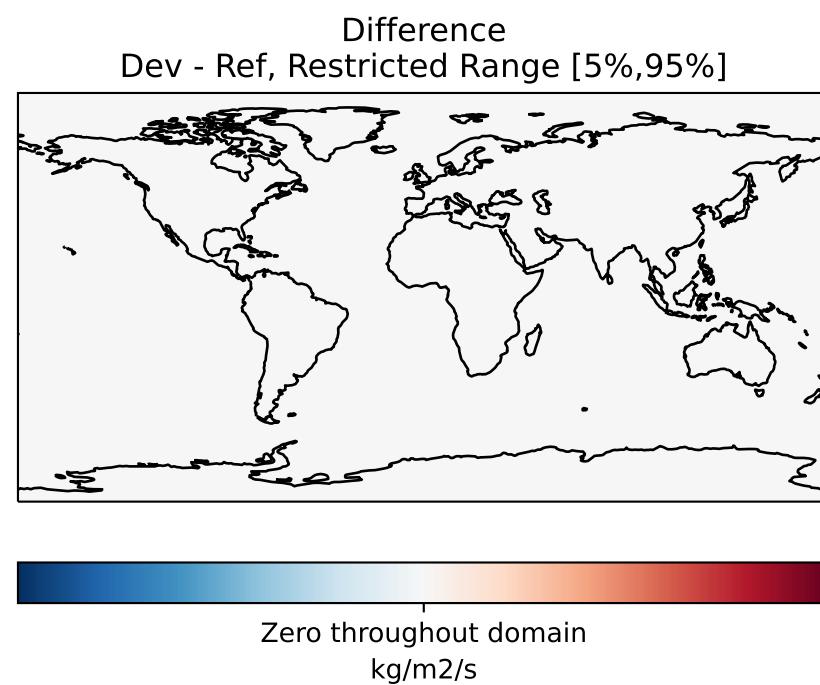
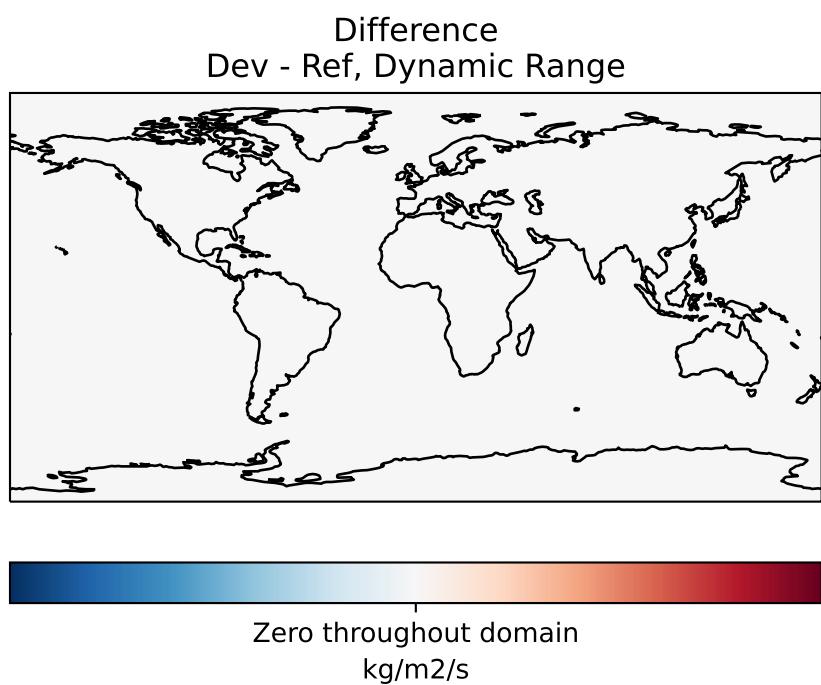
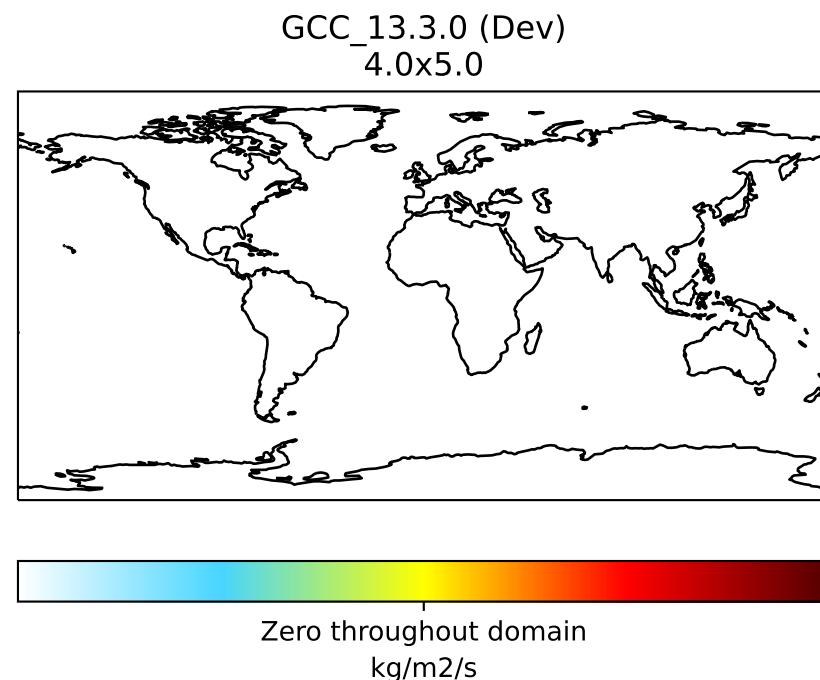
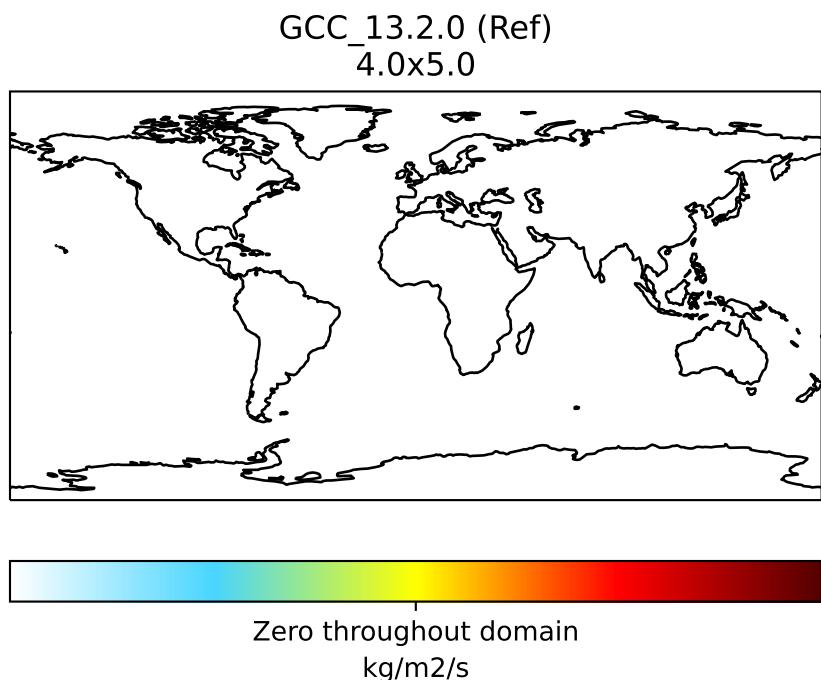
# EmisMEK\_Anthro (Jul2019)



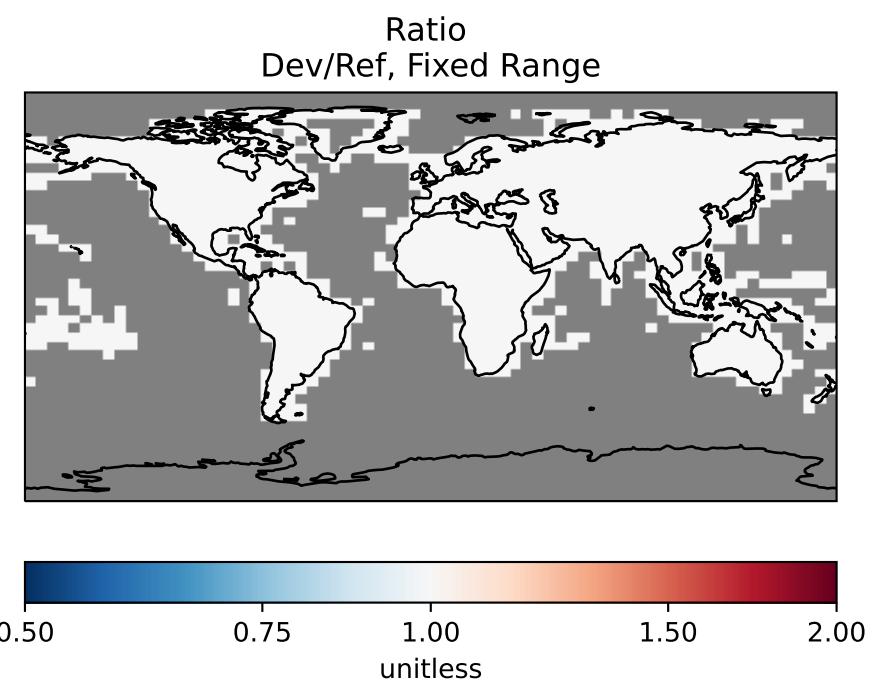
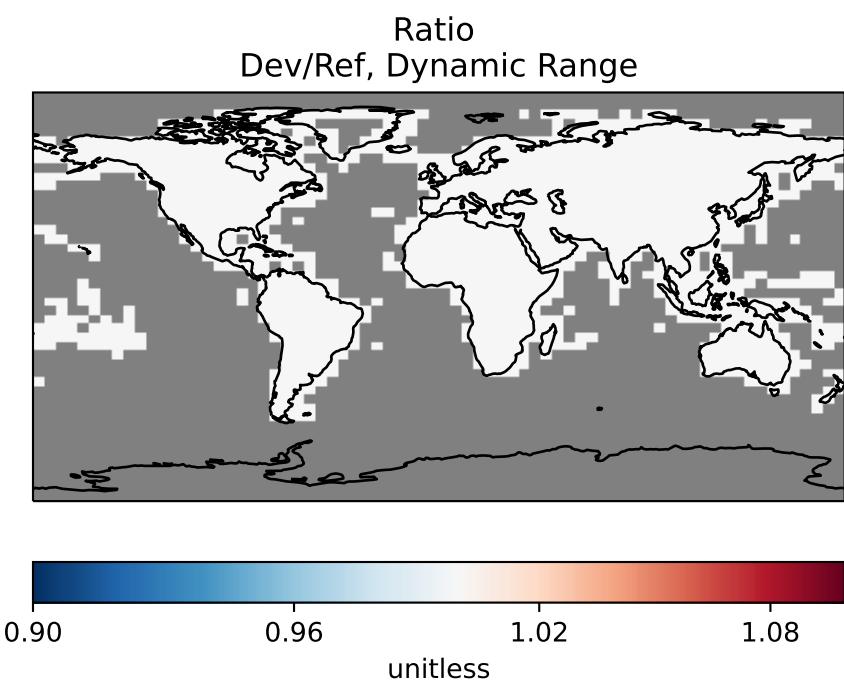
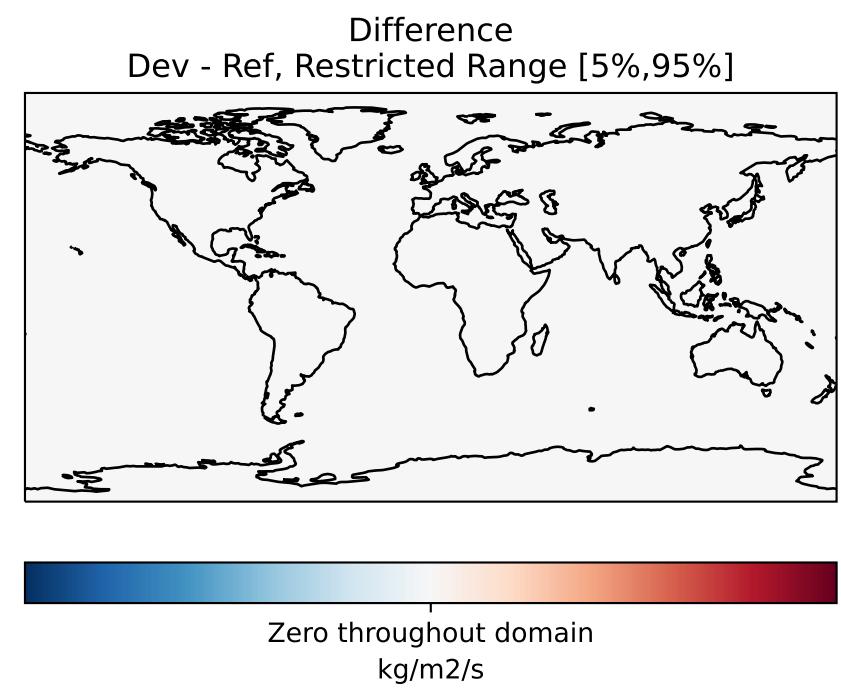
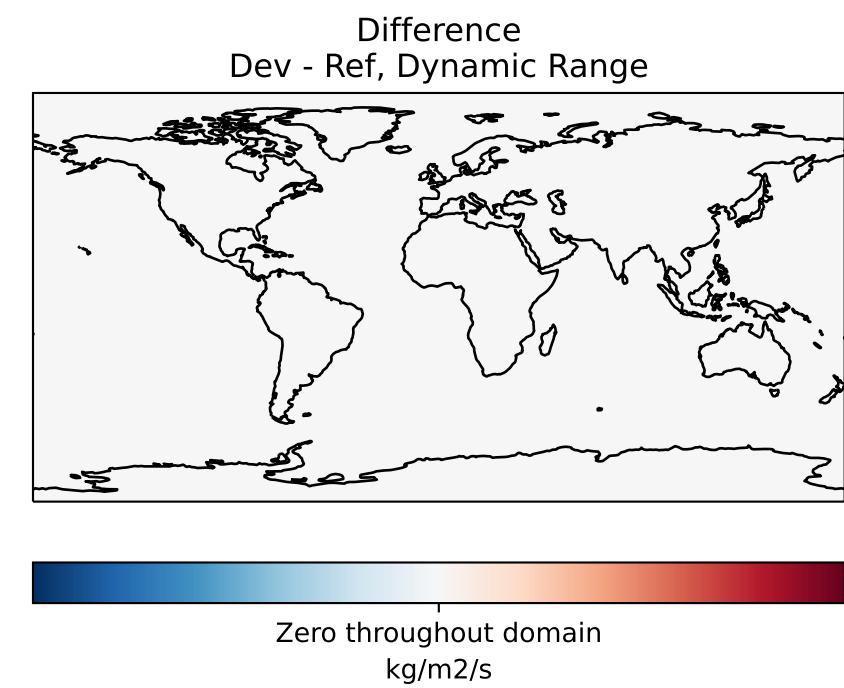
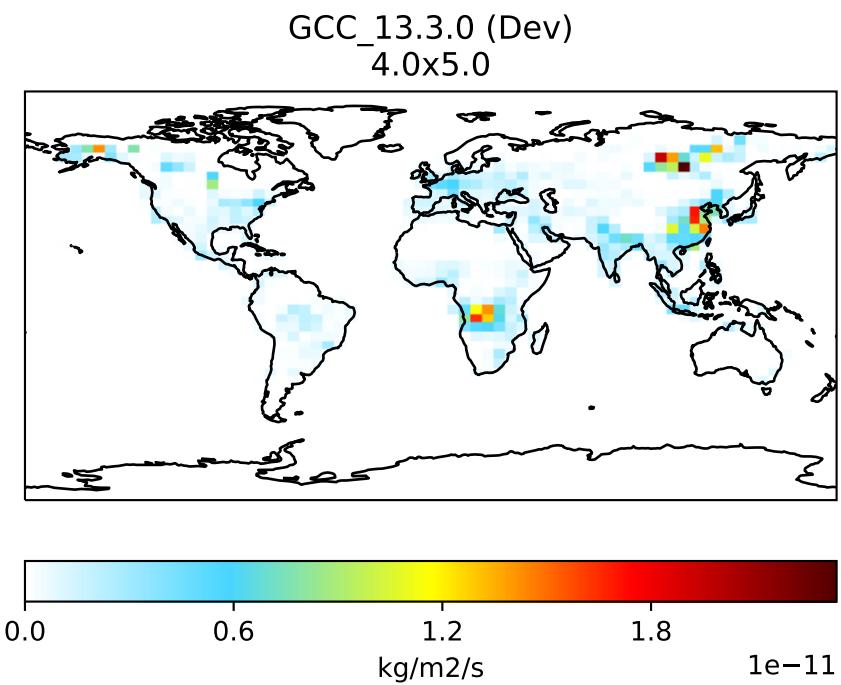
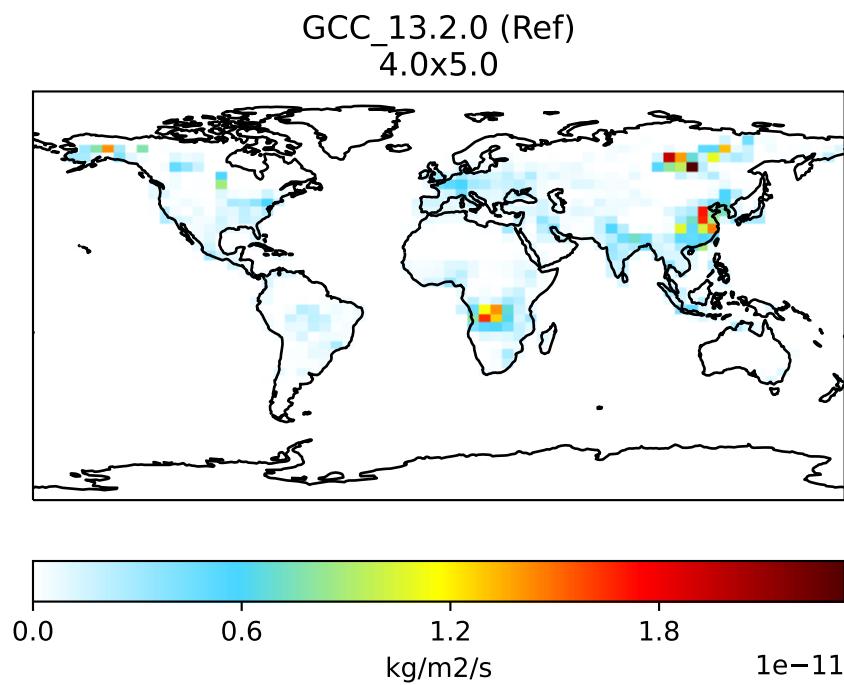
# EmisMEK\_BioBurn (Jul2019)



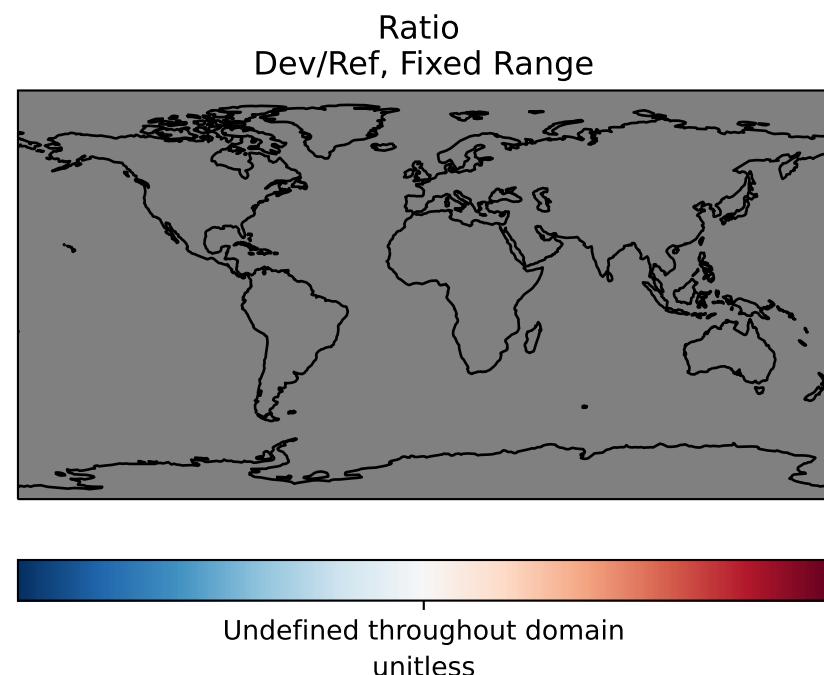
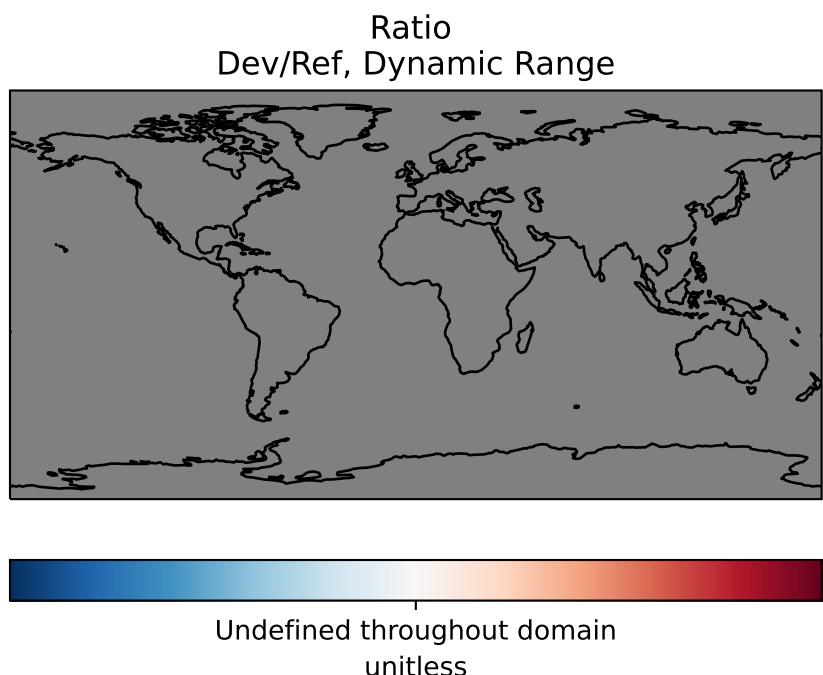
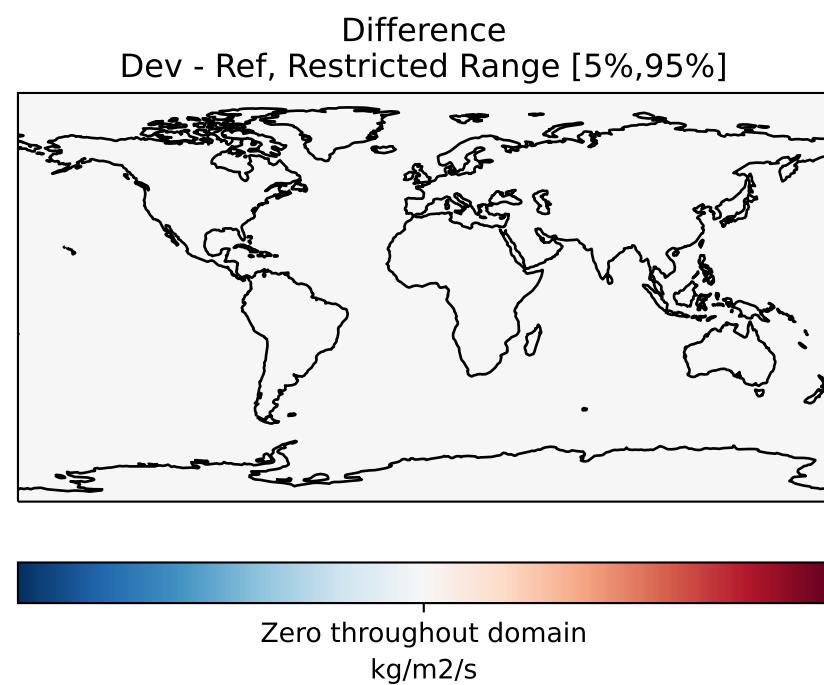
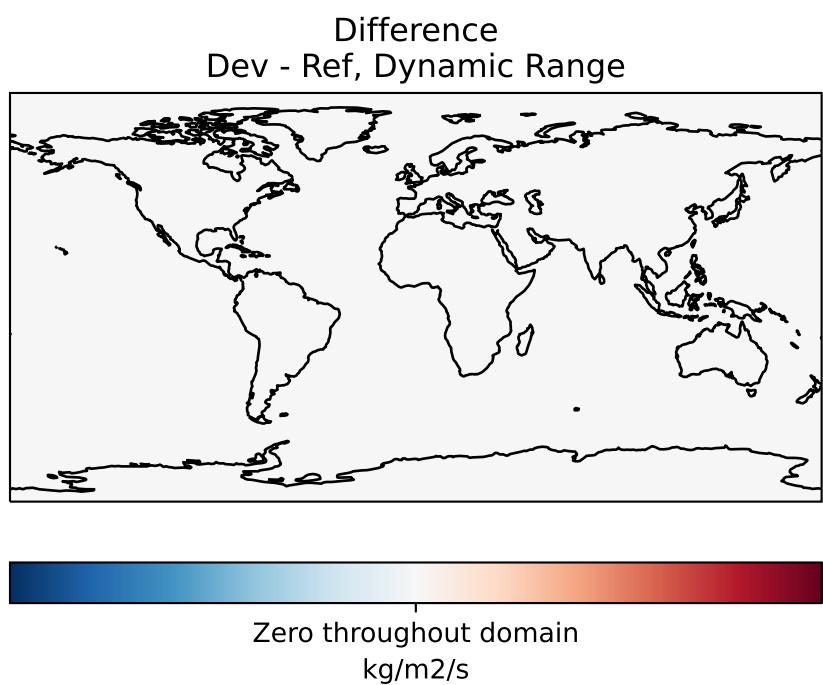
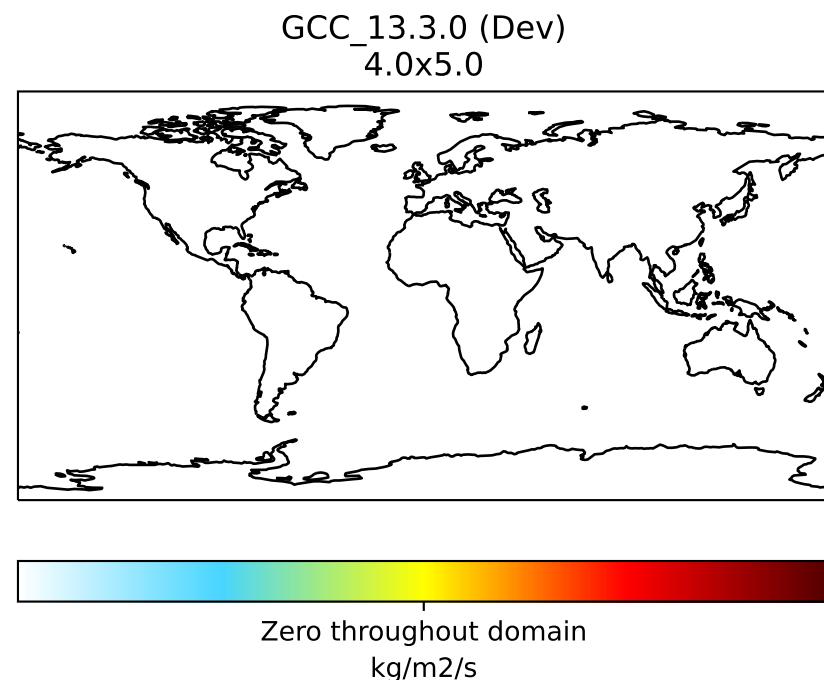
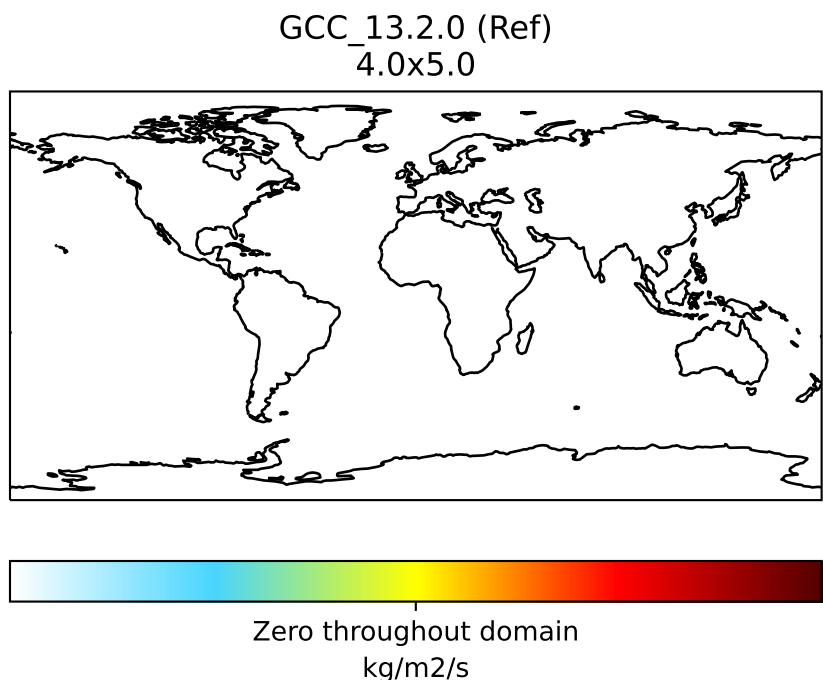
# EmisMEK\_Ship (Jul2019)



# EmisMEK\_Total (Jul2019)

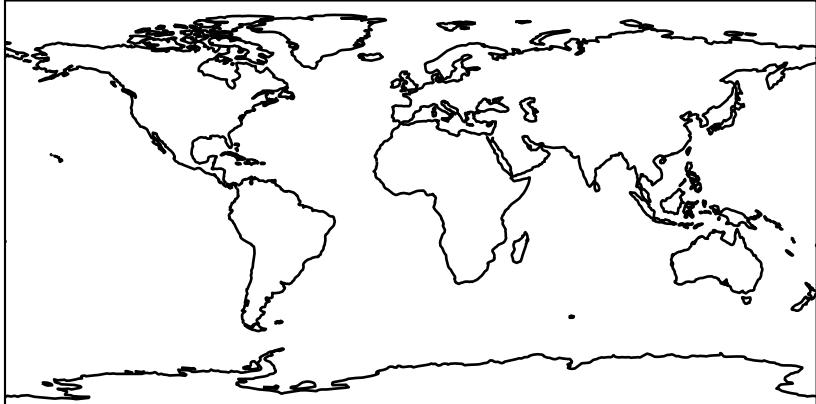


# EmisMVK\_Anthro (Jul2019)



# EmisGLYC\_Anthro (Jul2019)

GCC\_13.2.0 (Ref)  
4.0x5.0



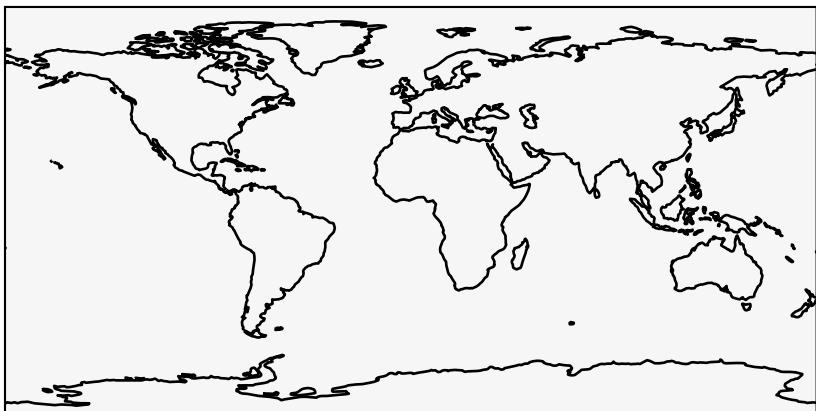
GCC\_13.3.0 (Dev)  
4.0x5.0



Zero throughout domain  
kg/m<sup>2</sup>/s

Zero throughout domain  
kg/m<sup>2</sup>/s

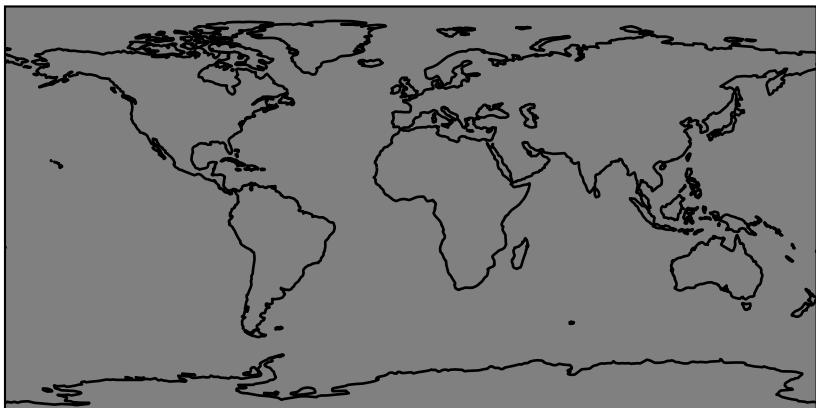
Difference  
Dev - Ref, Dynamic Range



Zero throughout domain  
kg/m<sup>2</sup>/s

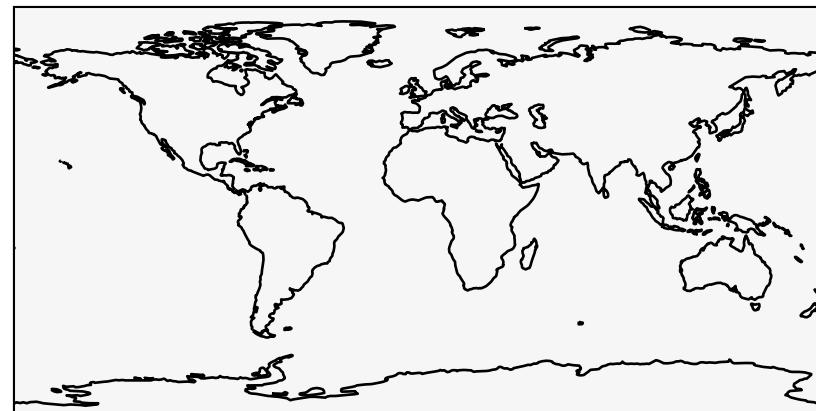
Zero throughout domain  
kg/m<sup>2</sup>/s

Ratio  
Dev/Ref, Dynamic Range



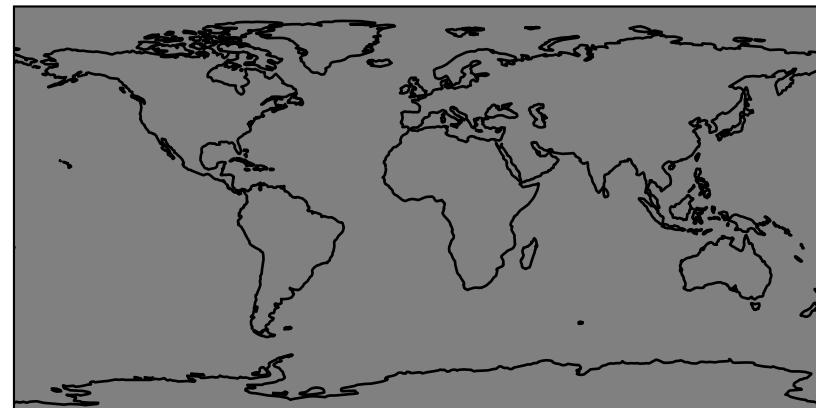
Undefined throughout domain  
unitless

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



Zero throughout domain  
kg/m<sup>2</sup>/s

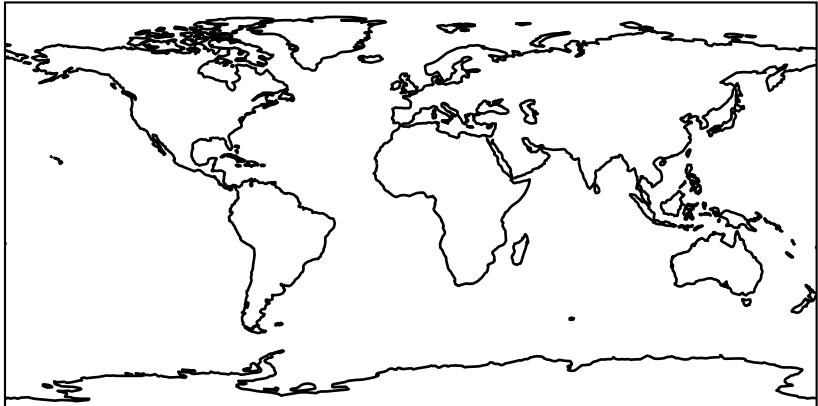
Ratio  
Dev/Ref, Fixed Range



Undefined throughout domain  
unitless

# EmisGLYC\_Total (Jul2019)

GCC\_13.2.0 (Ref)  
4.0x5.0



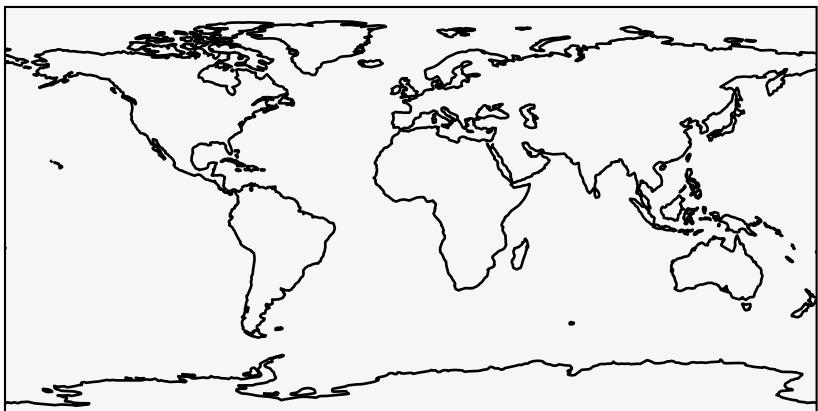
GCC\_13.3.0 (Dev)  
4.0x5.0



Zero throughout domain  
kg/m<sup>2</sup>/s

Zero throughout domain  
kg/m<sup>2</sup>/s

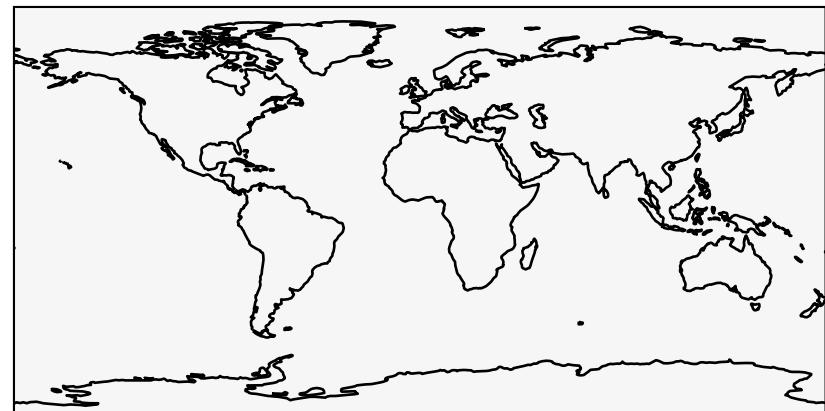
Difference  
Dev - Ref, Dynamic Range



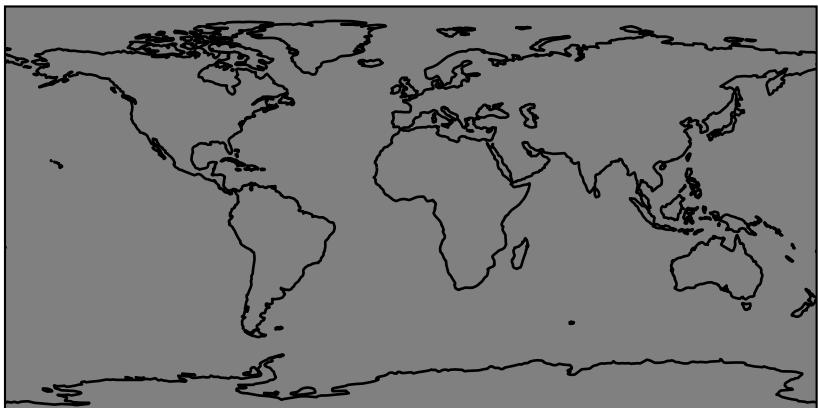
Zero throughout domain  
kg/m<sup>2</sup>/s

Zero throughout domain  
kg/m<sup>2</sup>/s

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

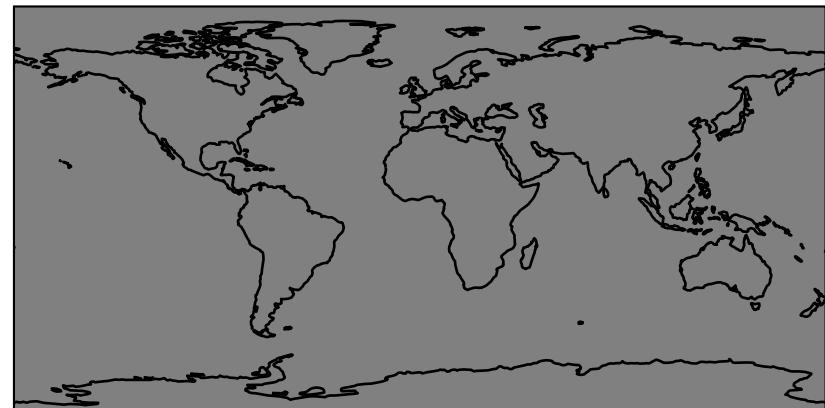


Ratio  
Dev/Ref, Dynamic Range



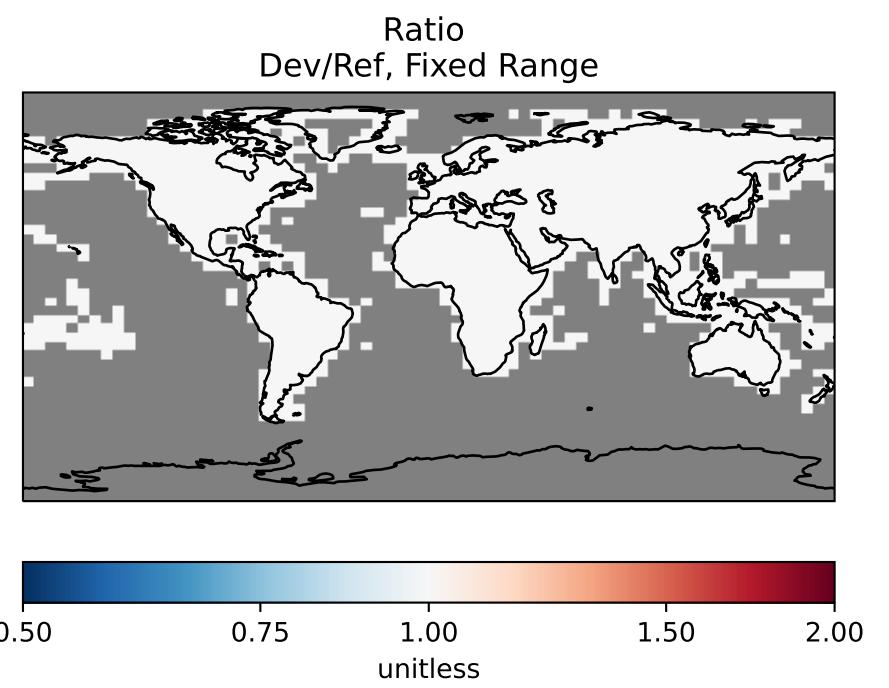
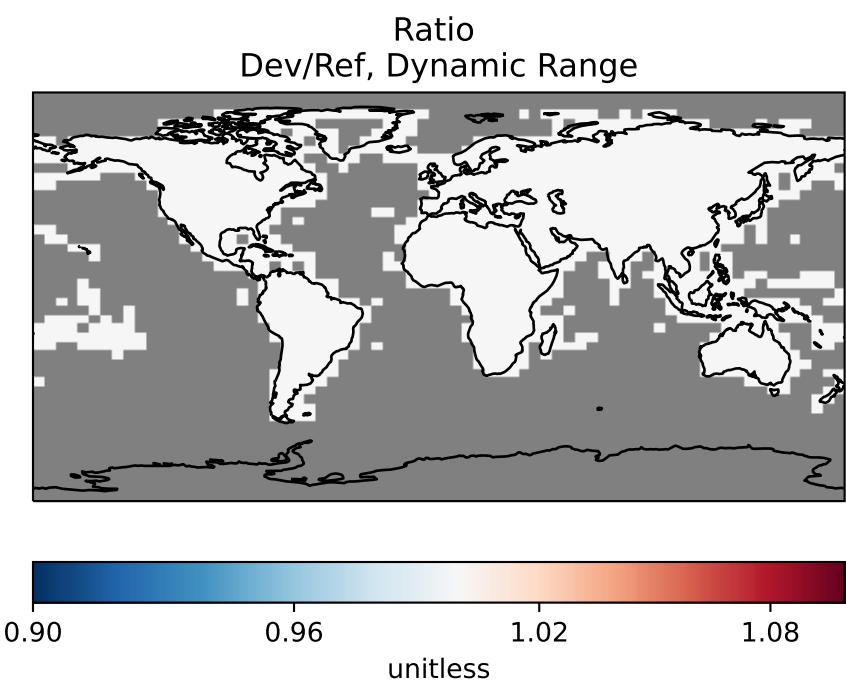
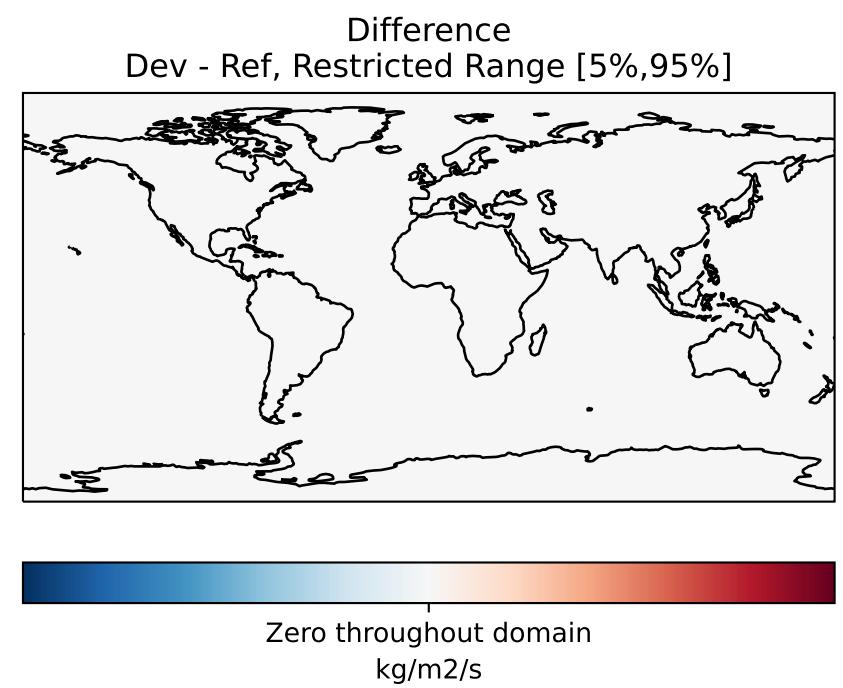
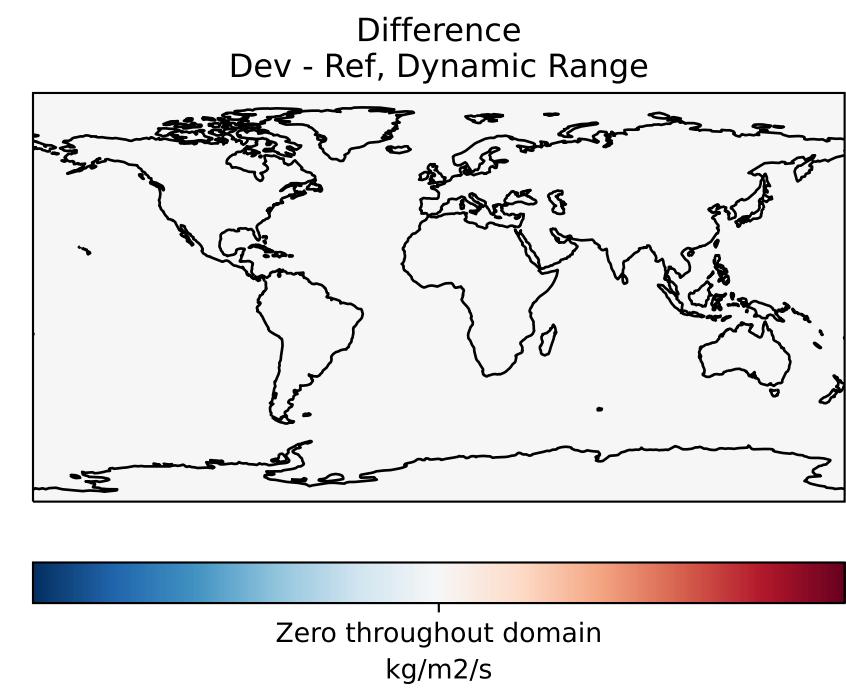
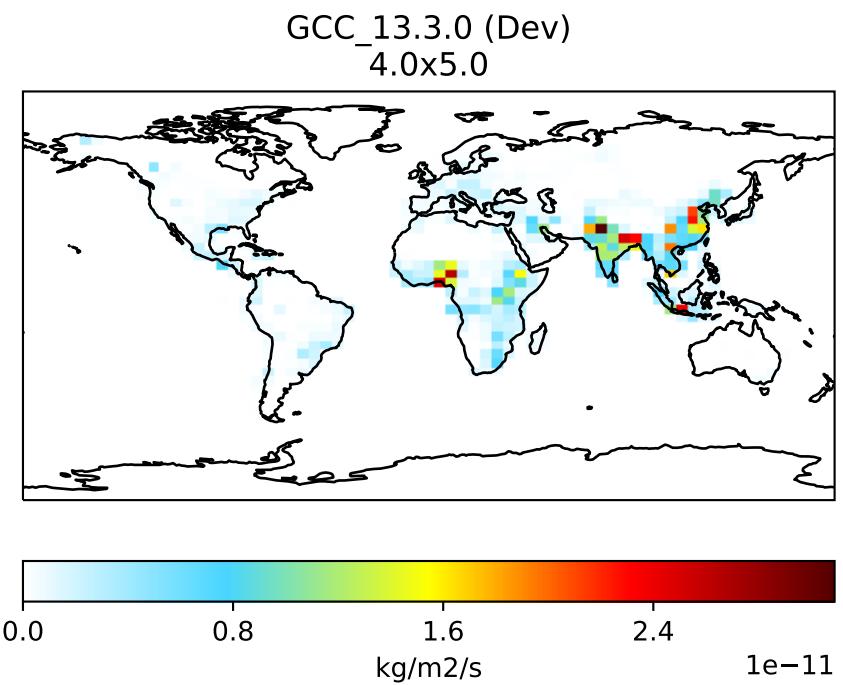
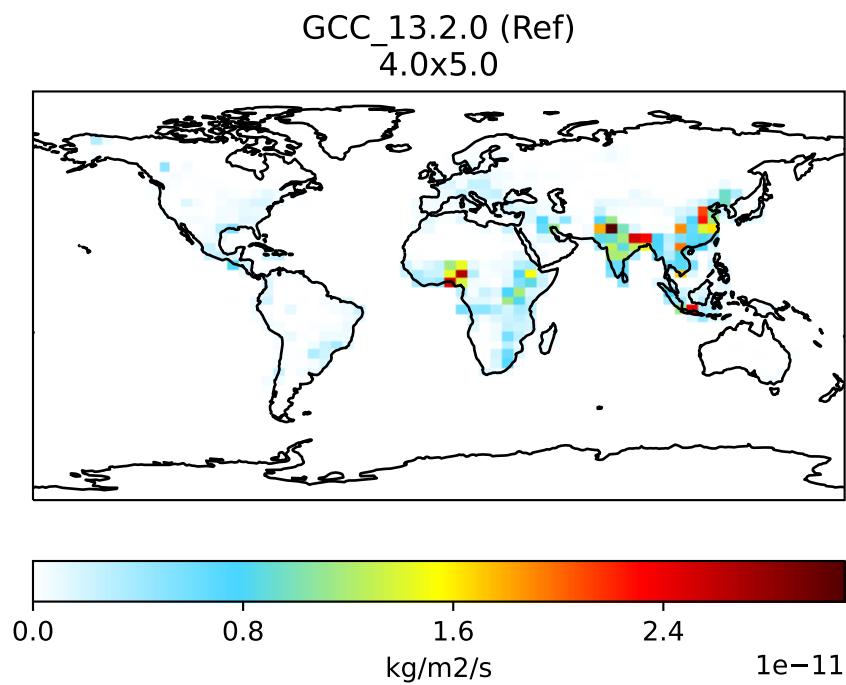
Undefined throughout domain  
unitless

Ratio  
Dev/Ref, Fixed Range



Undefined throughout domain  
unitless

# EmisHCOOH\_Anthro (Jul2019)



# EmisHCOOH\_Ship (Jul2019)

GCC\_13.2.0 (Ref)  
4.0x5.0



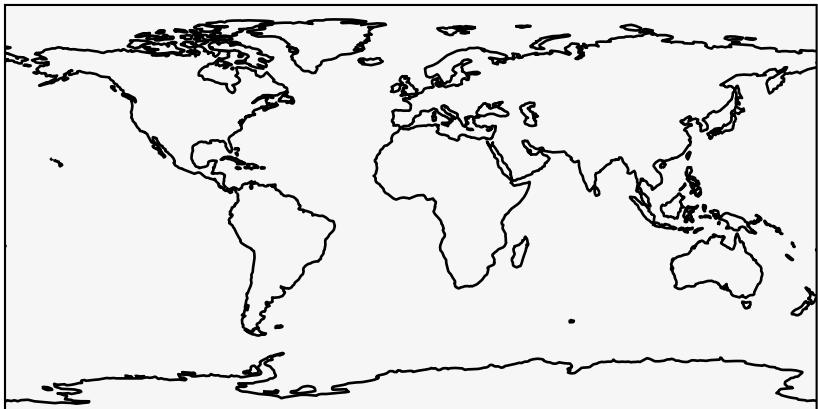
GCC\_13.3.0 (Dev)  
4.0x5.0



Zero throughout domain  
kg/m<sup>2</sup>/s

Zero throughout domain  
kg/m<sup>2</sup>/s

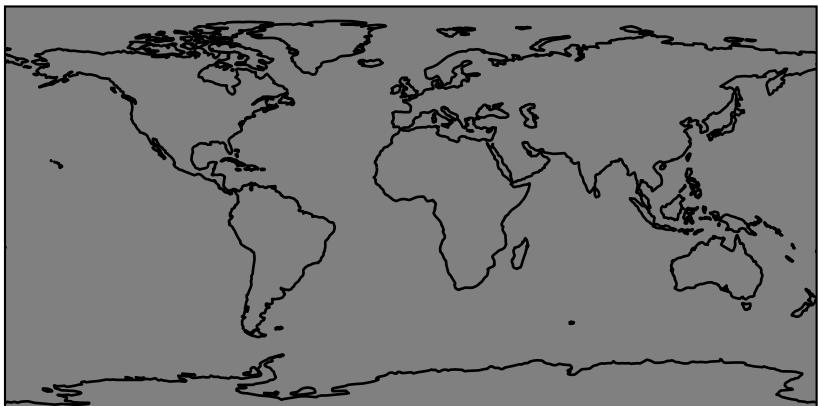
Difference  
Dev - Ref, Dynamic Range



Zero throughout domain  
kg/m<sup>2</sup>/s

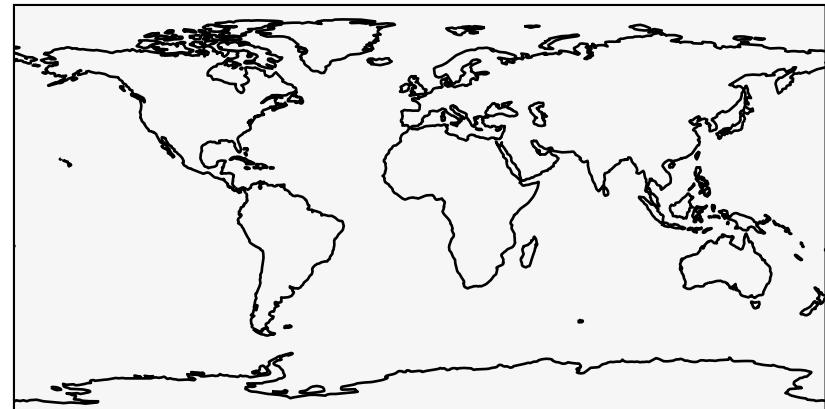
Zero throughout domain  
kg/m<sup>2</sup>/s

Ratio  
Dev/Ref, Dynamic Range



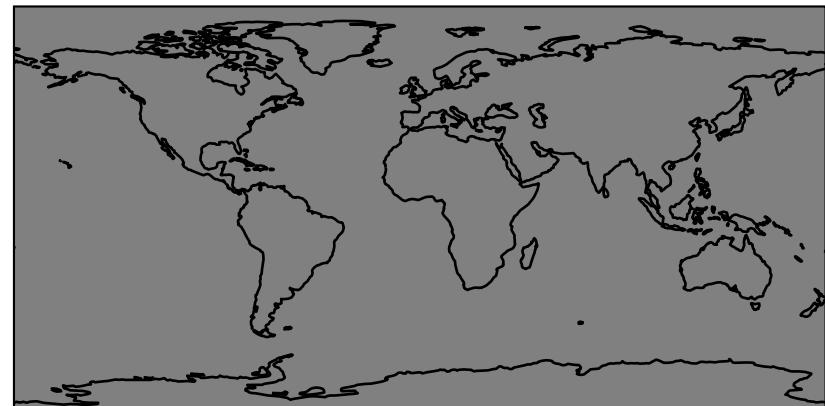
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Difference  
Dev - Ref, Restricted Range [5%,95%]



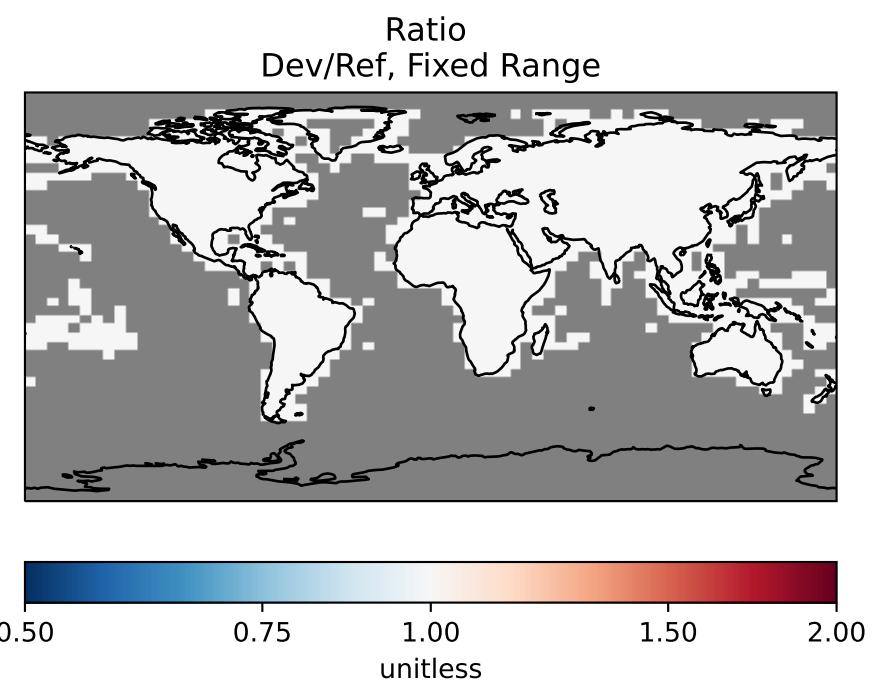
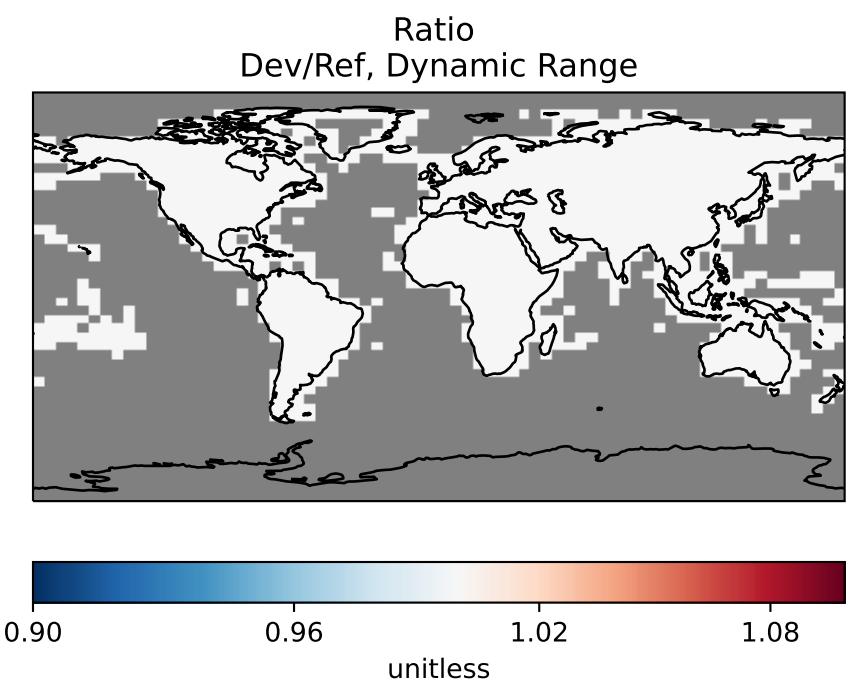
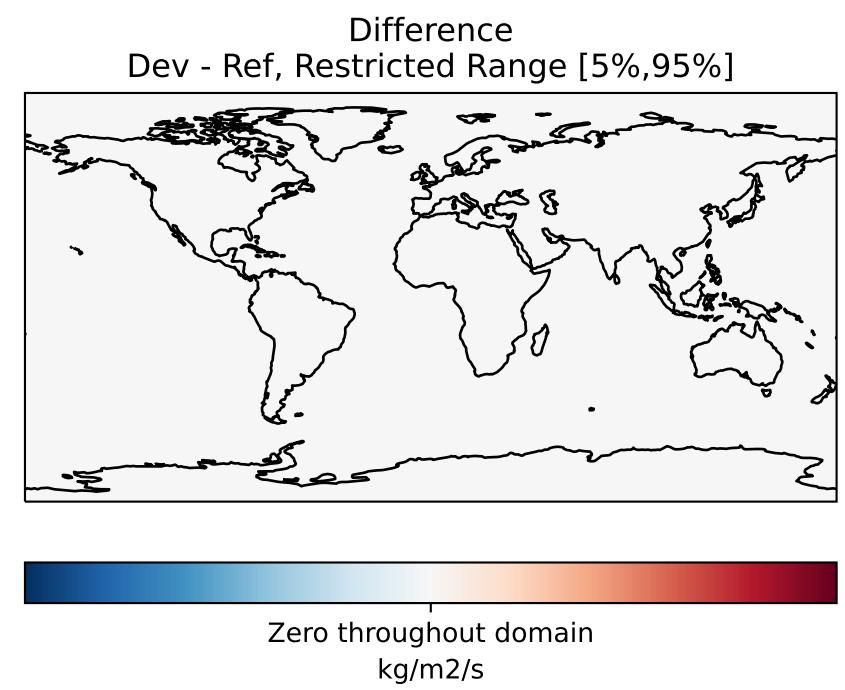
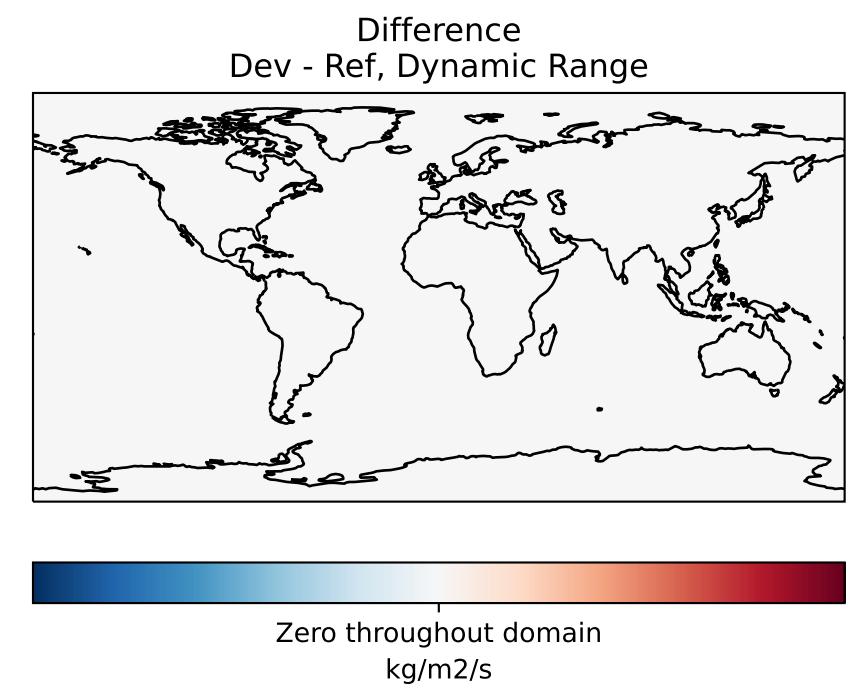
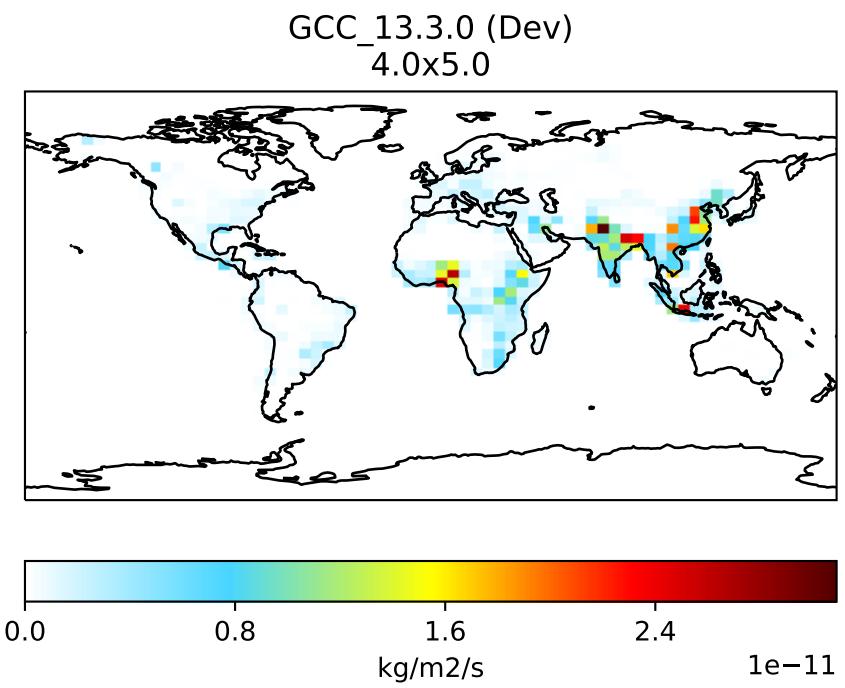
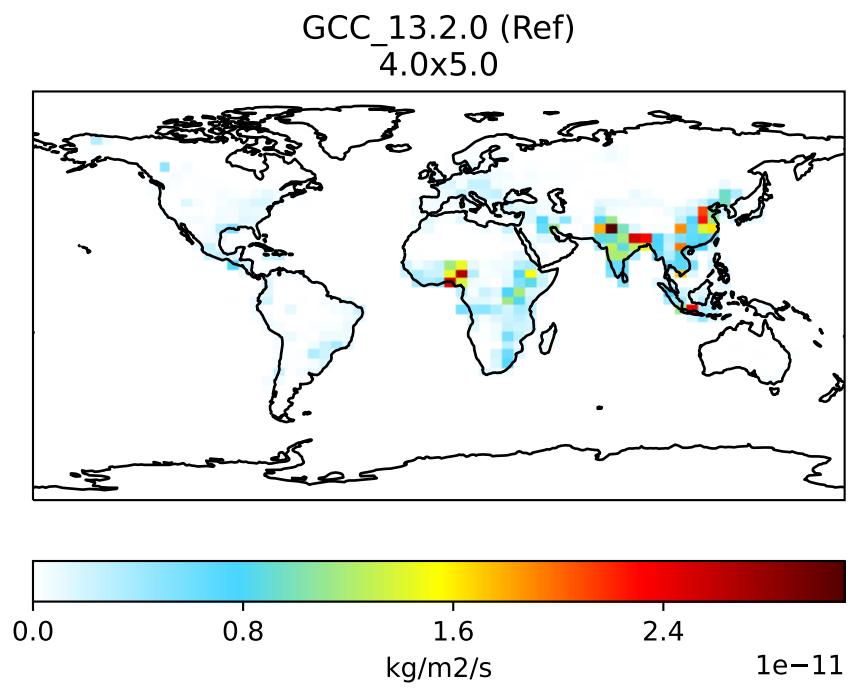
Zero throughout domain  
kg/m<sup>2</sup>/s

Ratio  
Dev/Ref, Fixed Range

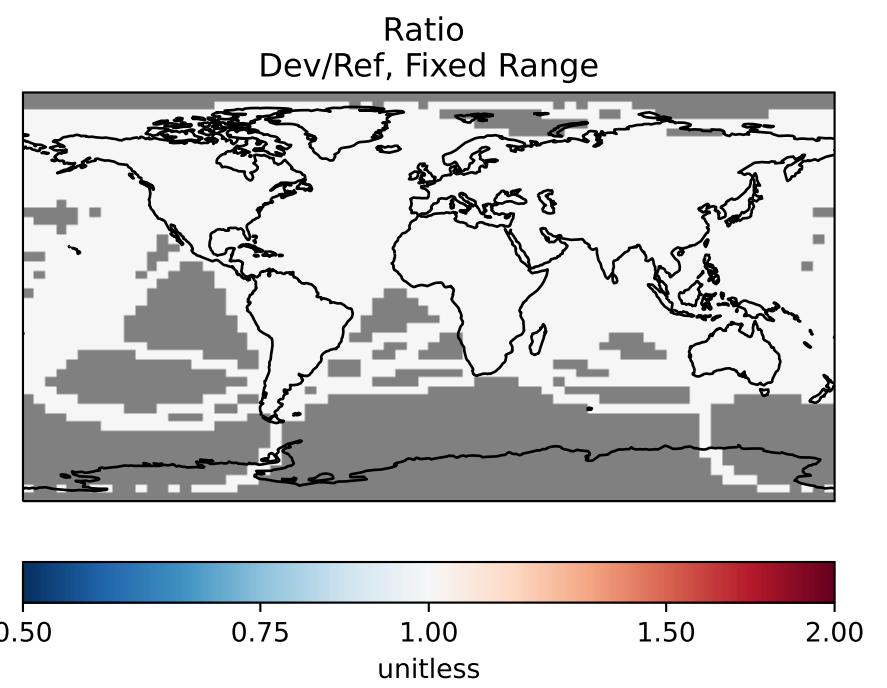
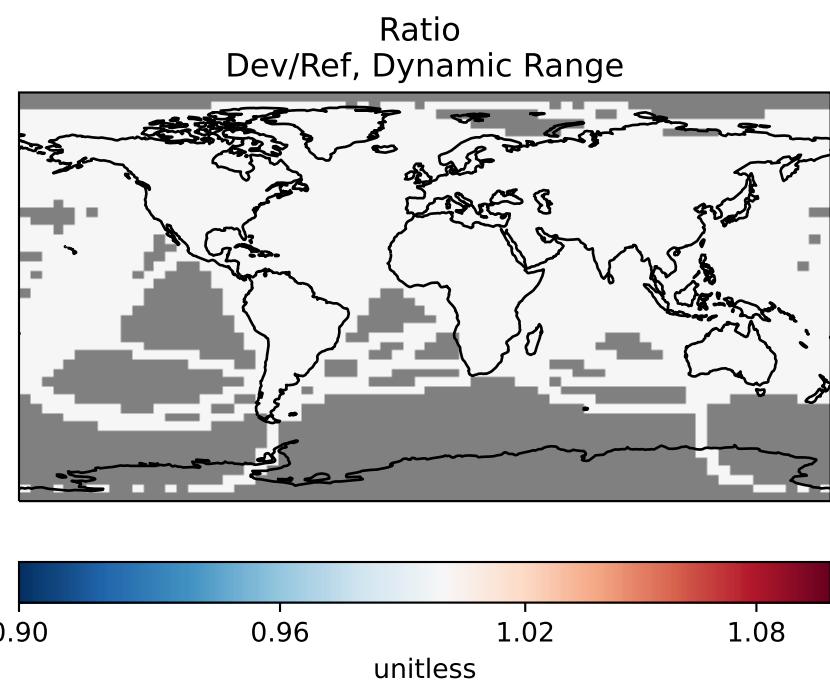
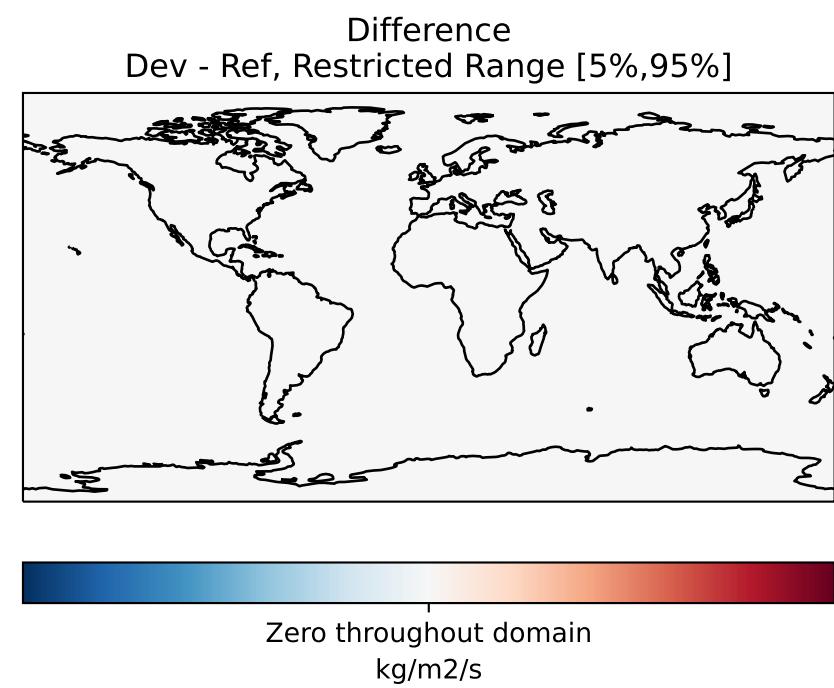
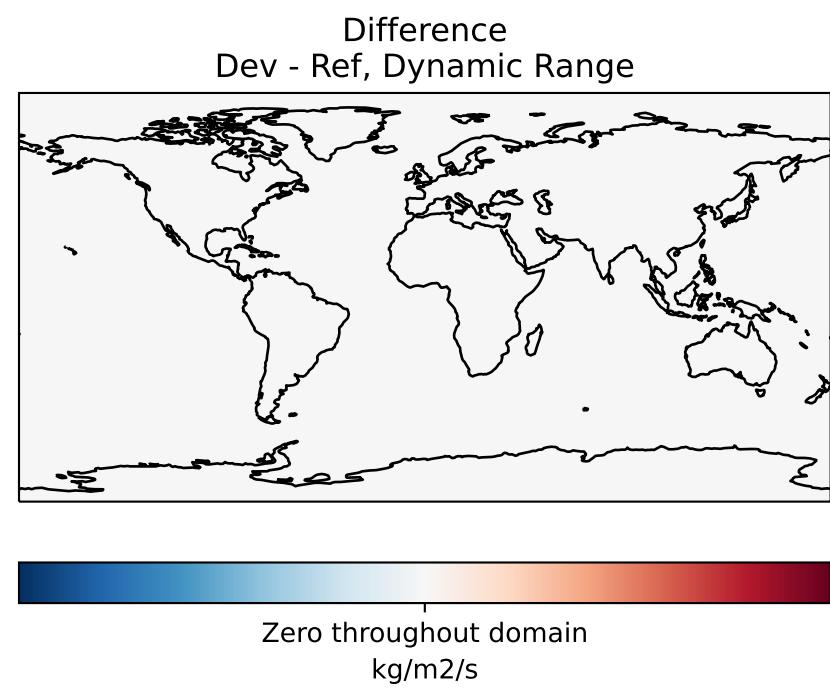
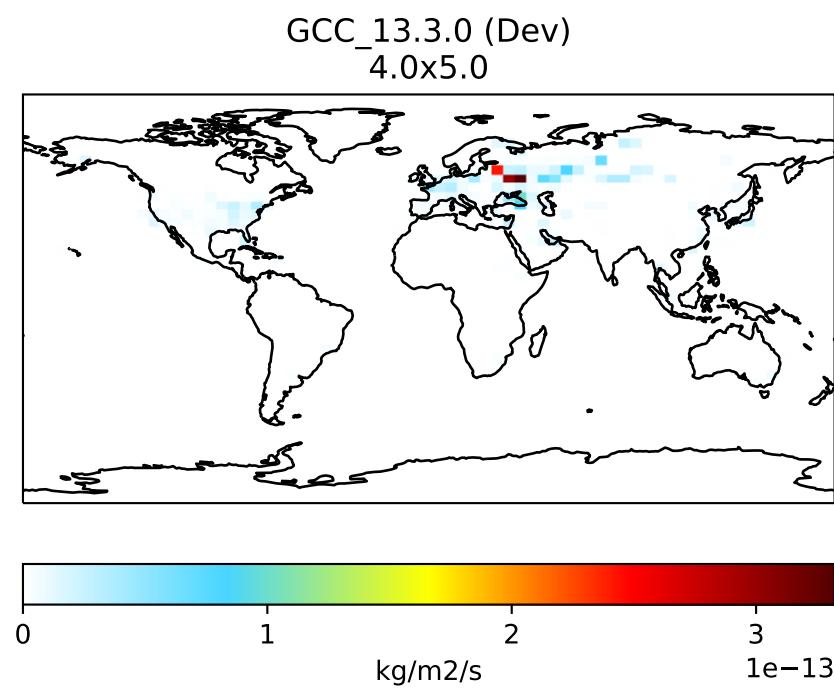
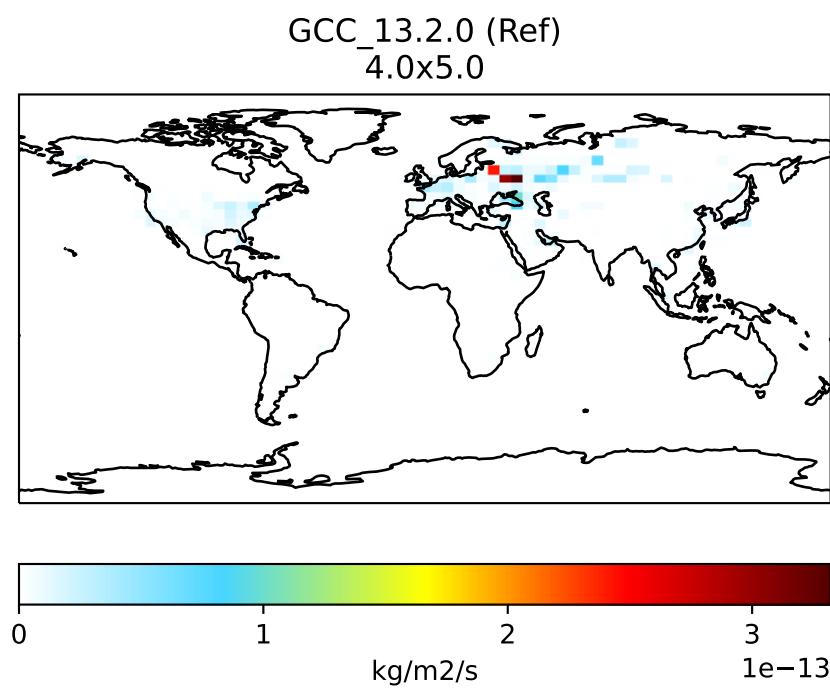


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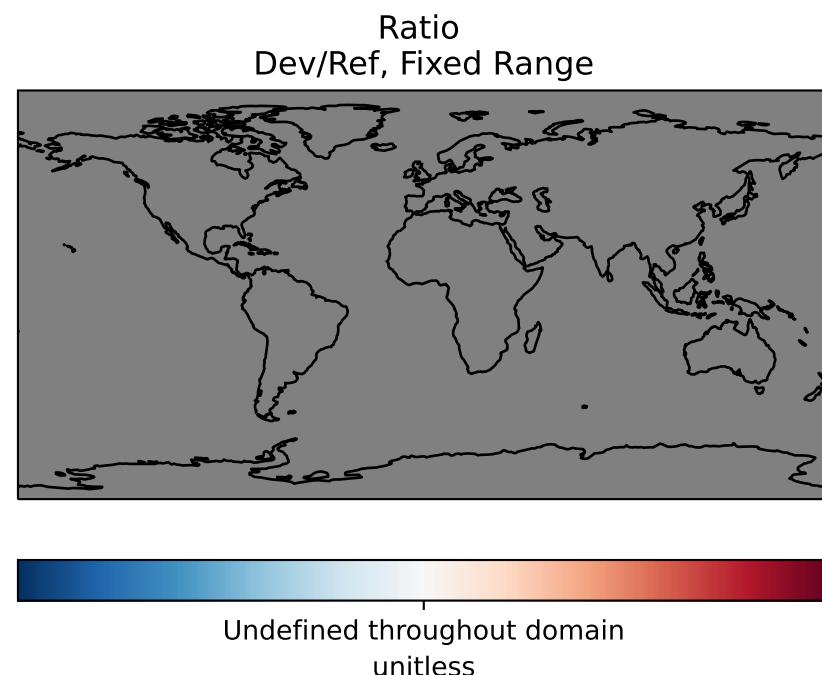
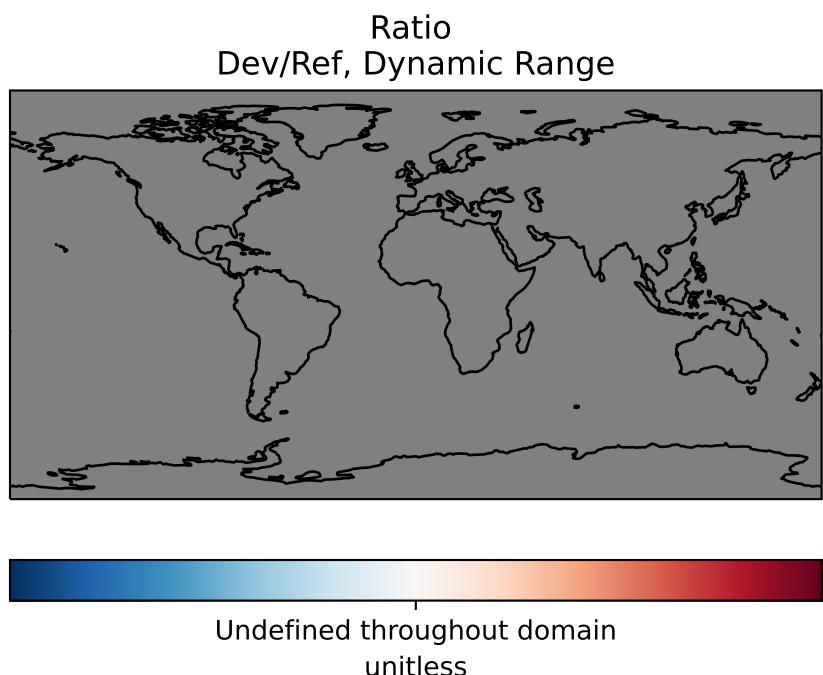
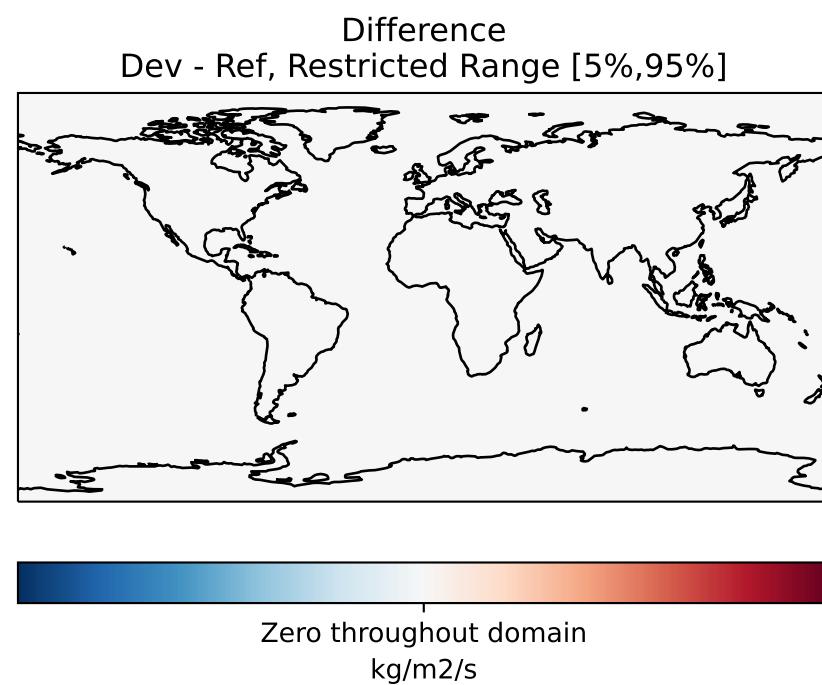
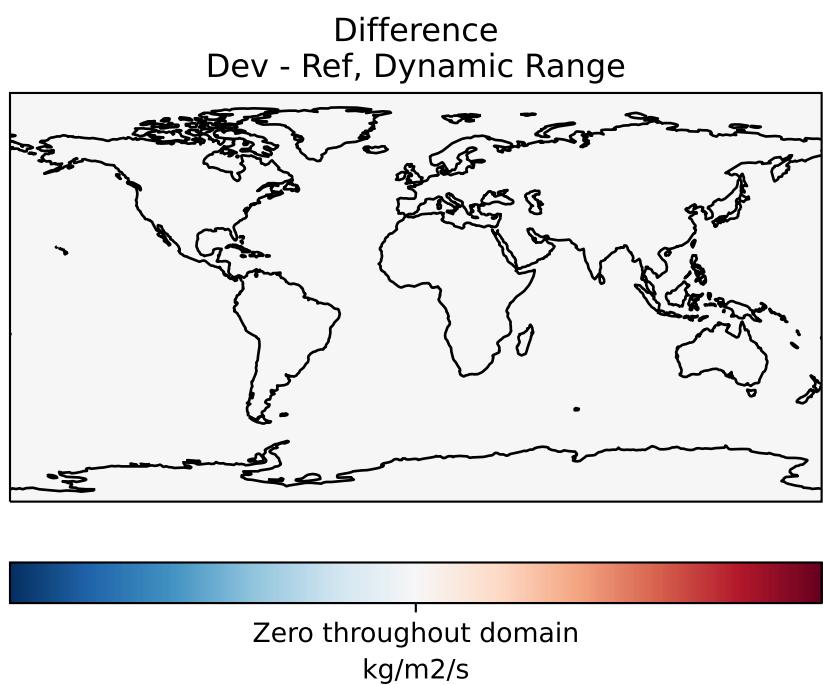
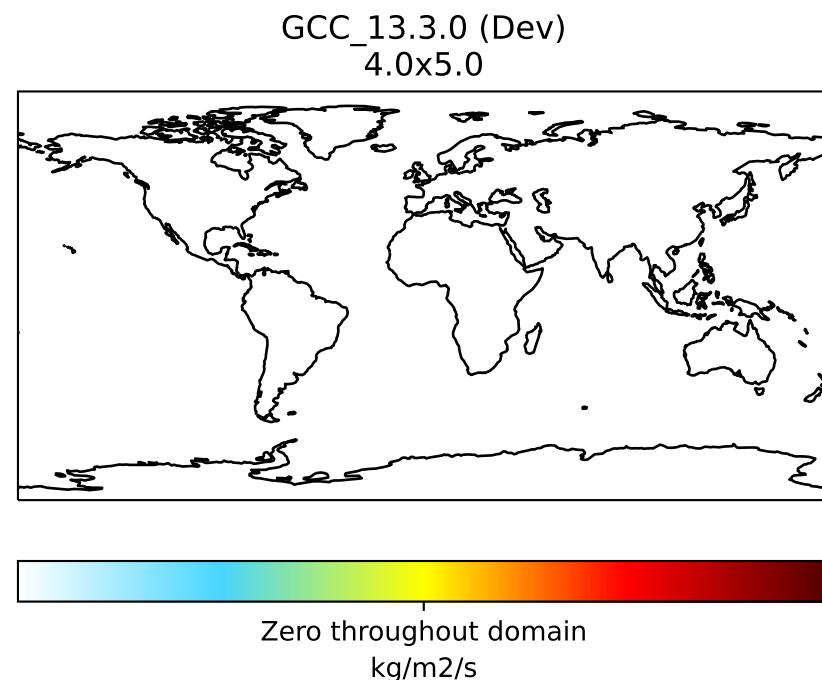
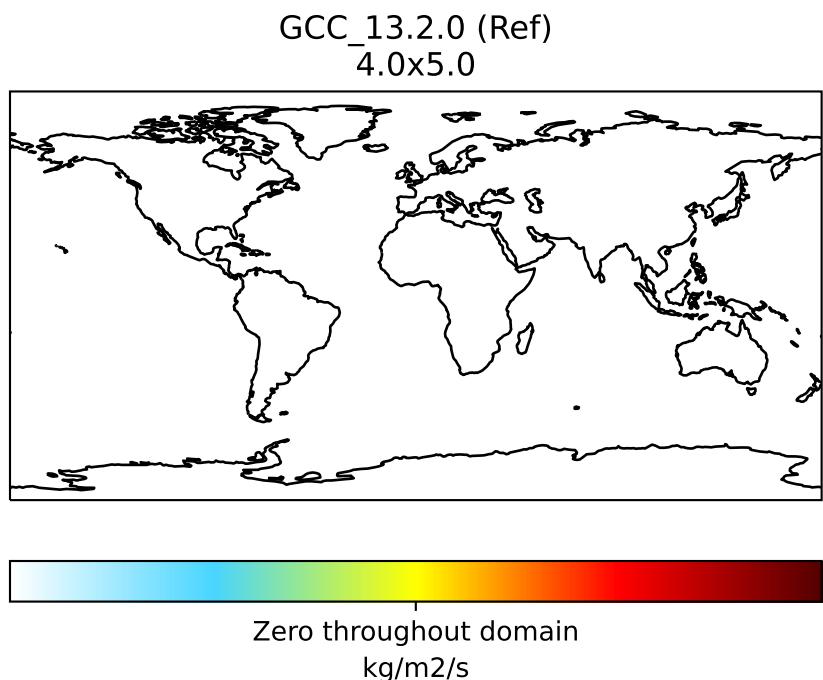
# EmisHCOOH\_Total (Jul2019)



# EmisRCHO\_Aircraft (Jul2019)



# EmisRCHO\_Anthro (Jul2019)



# EmisRCHO\_Total (Jul2019)

