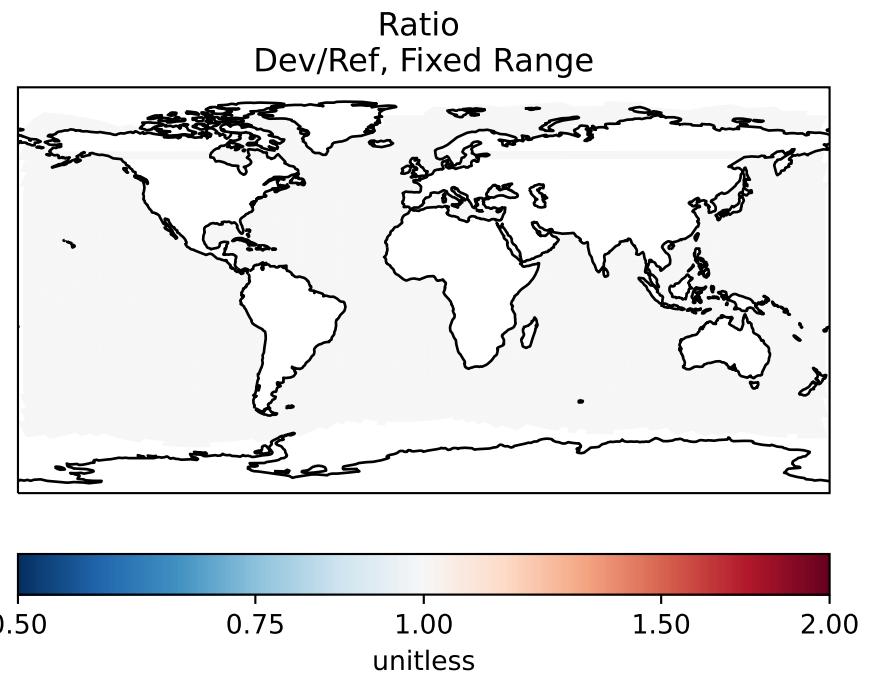
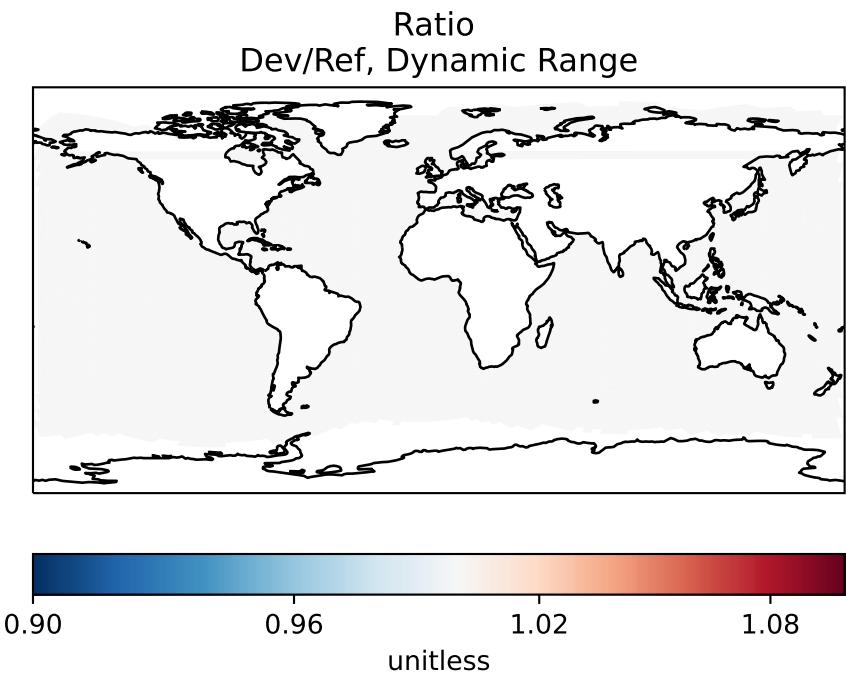
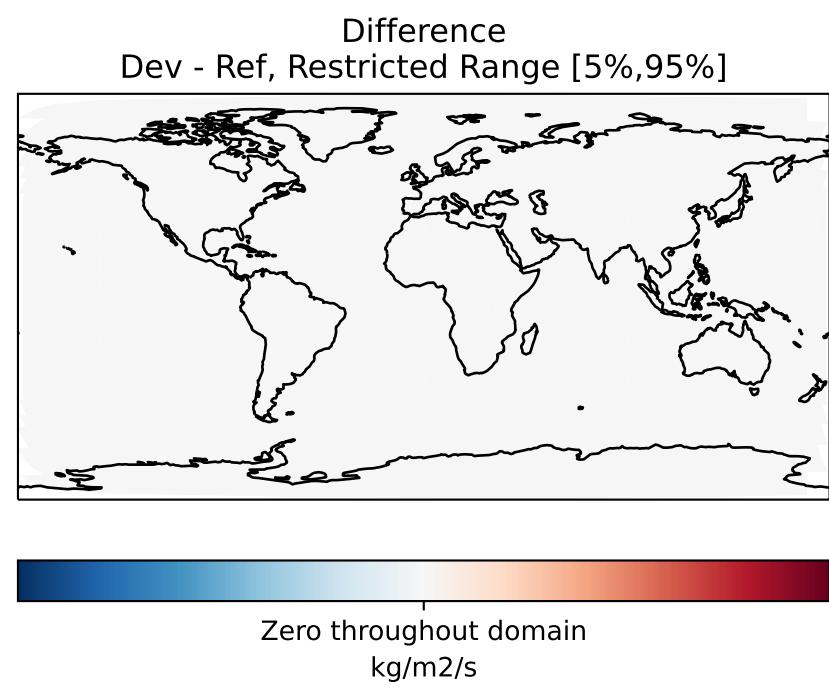
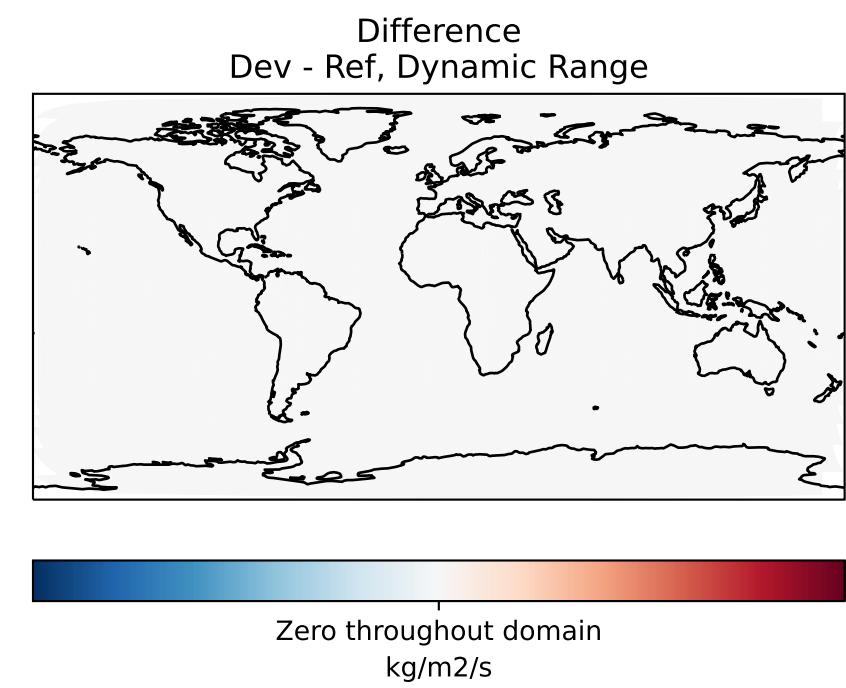
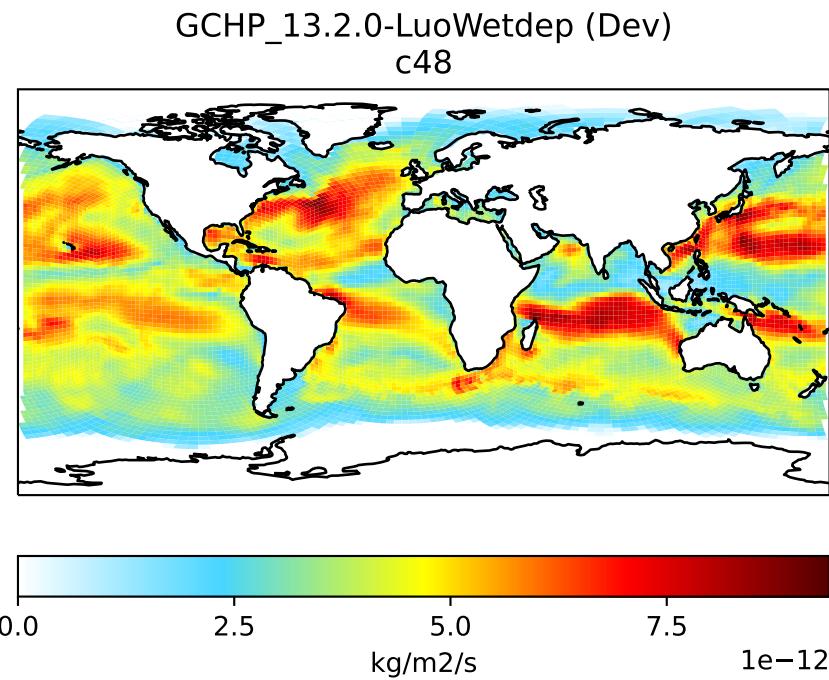
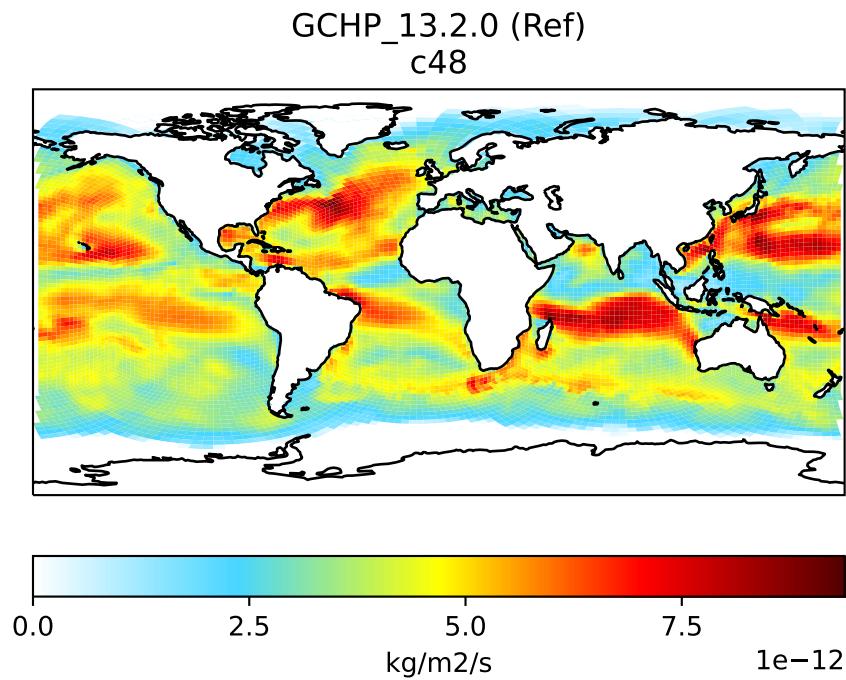
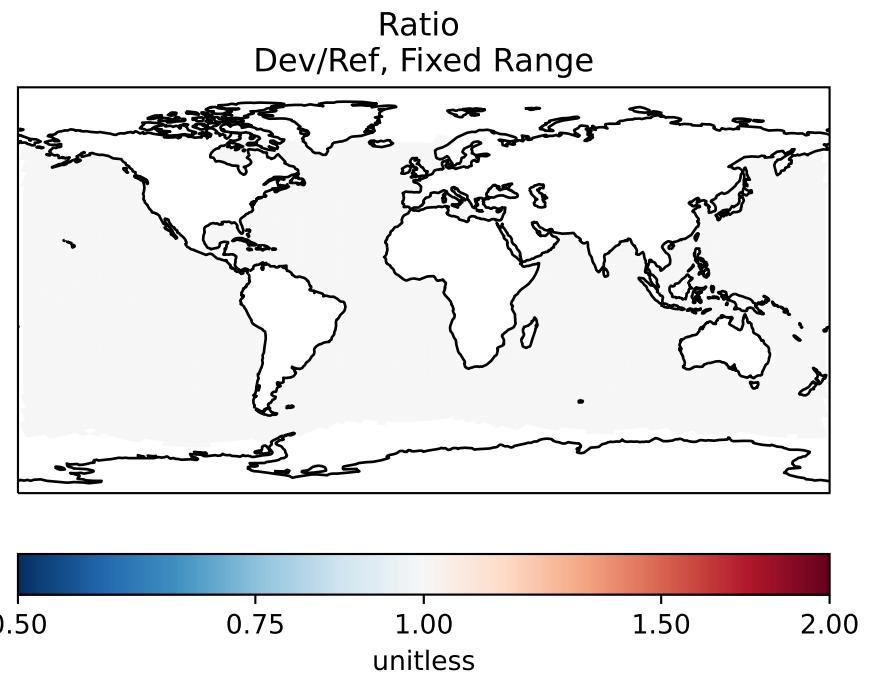
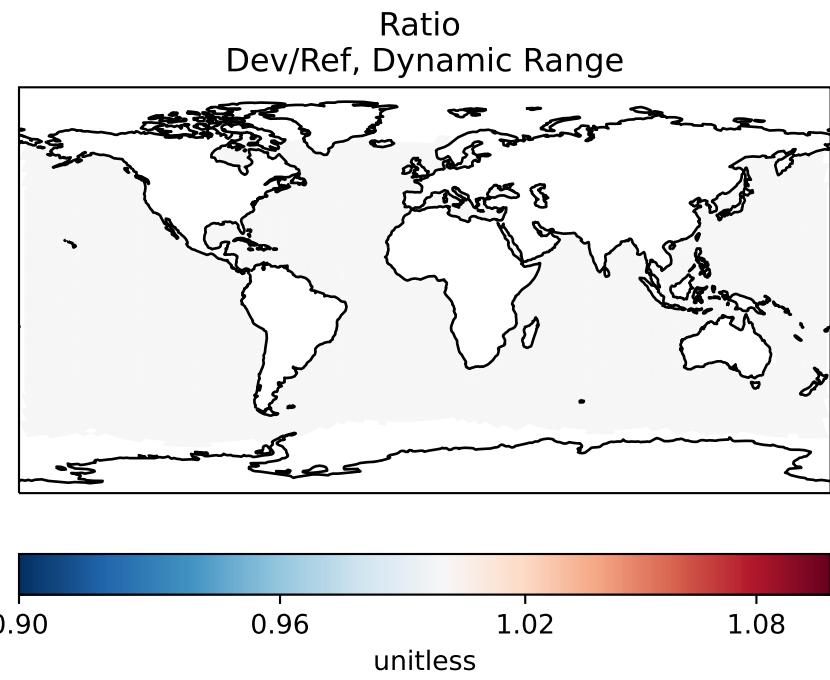
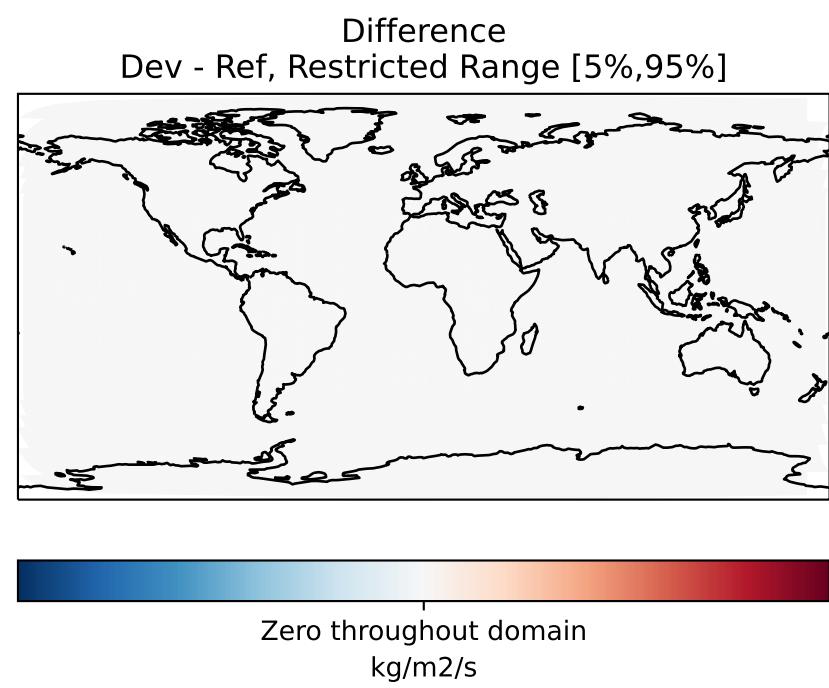
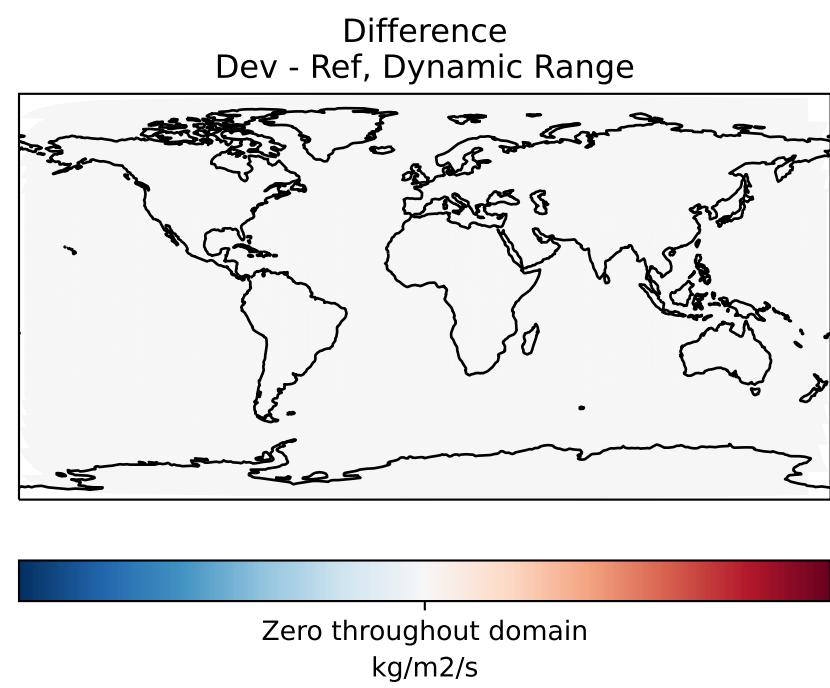
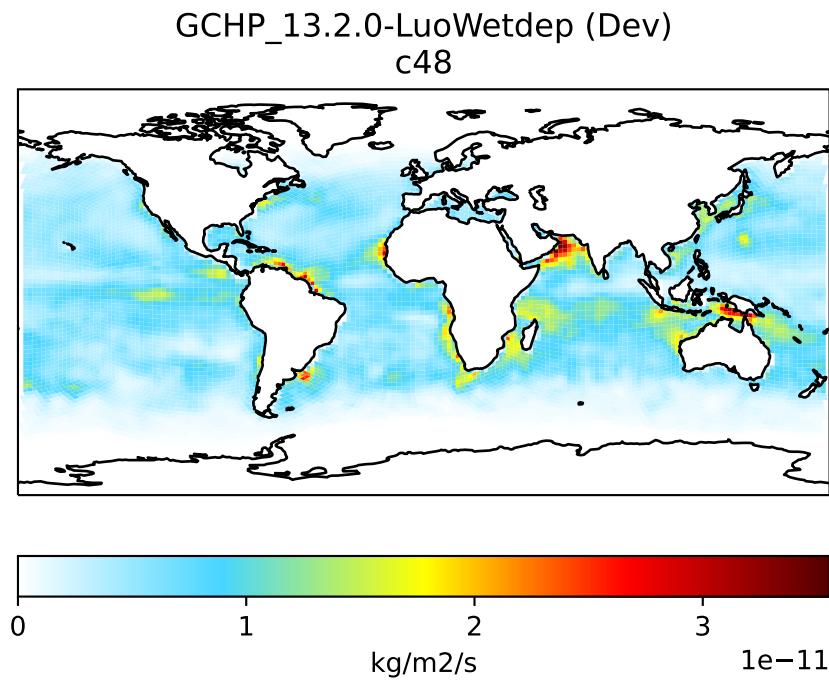
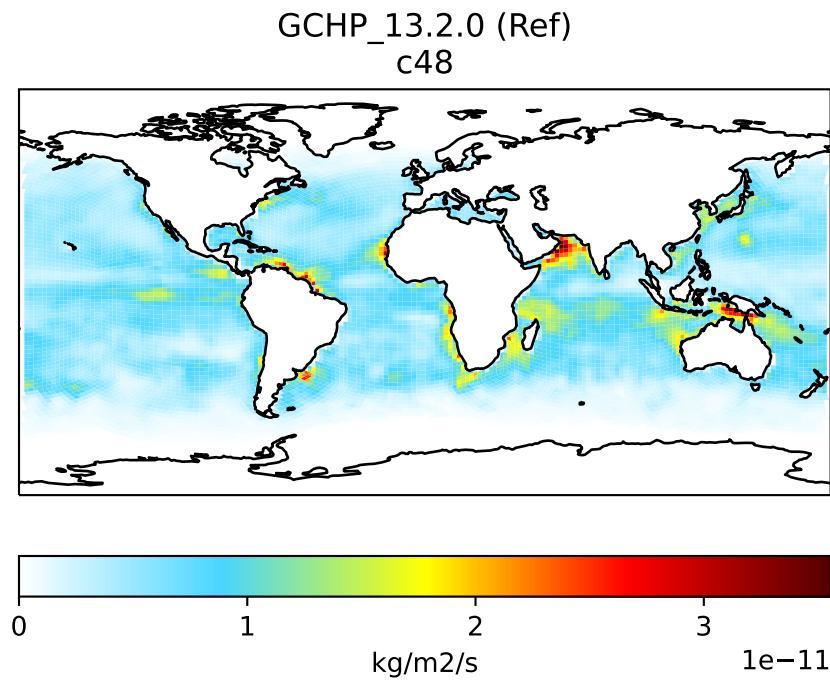


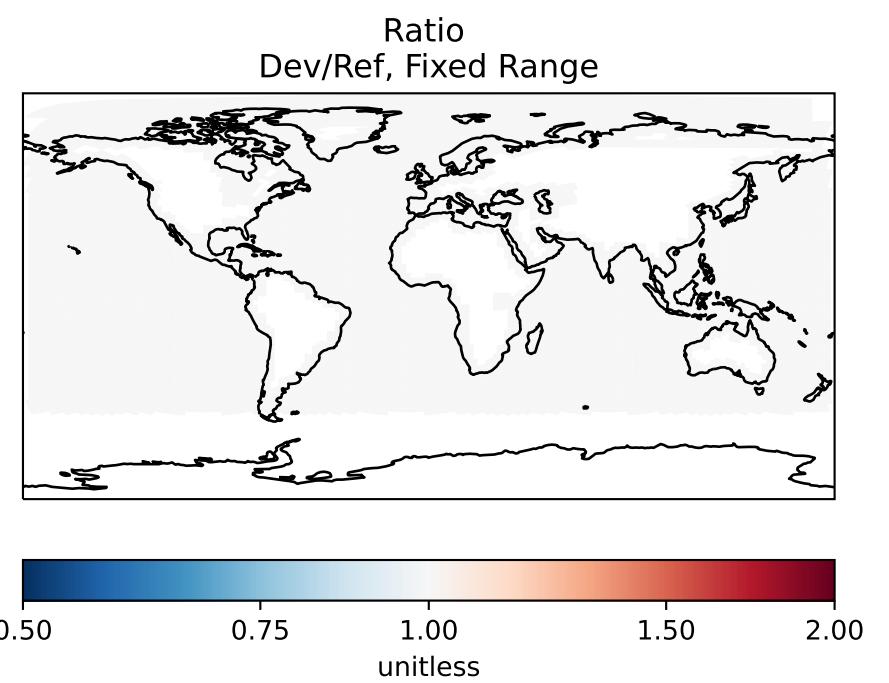
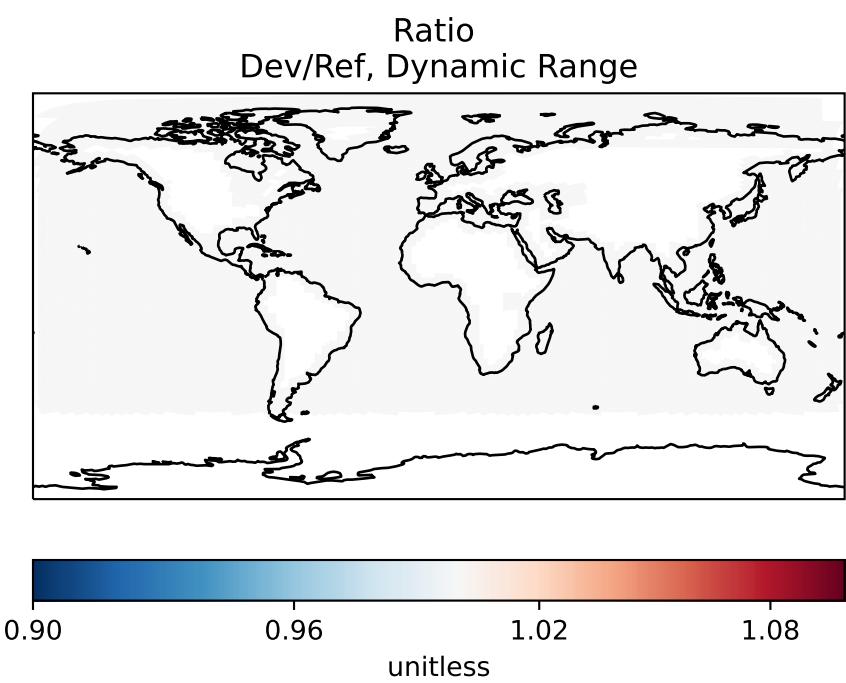
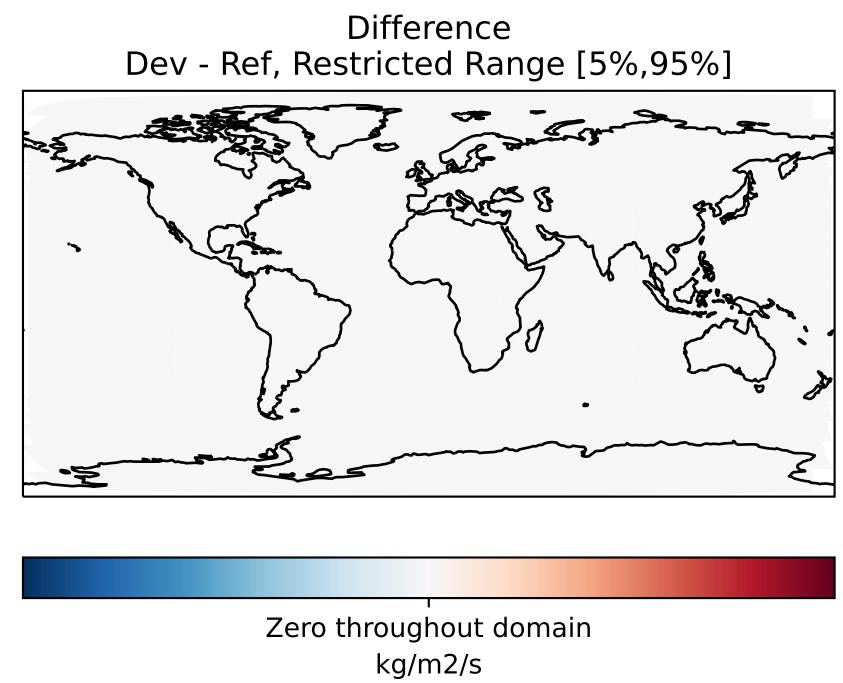
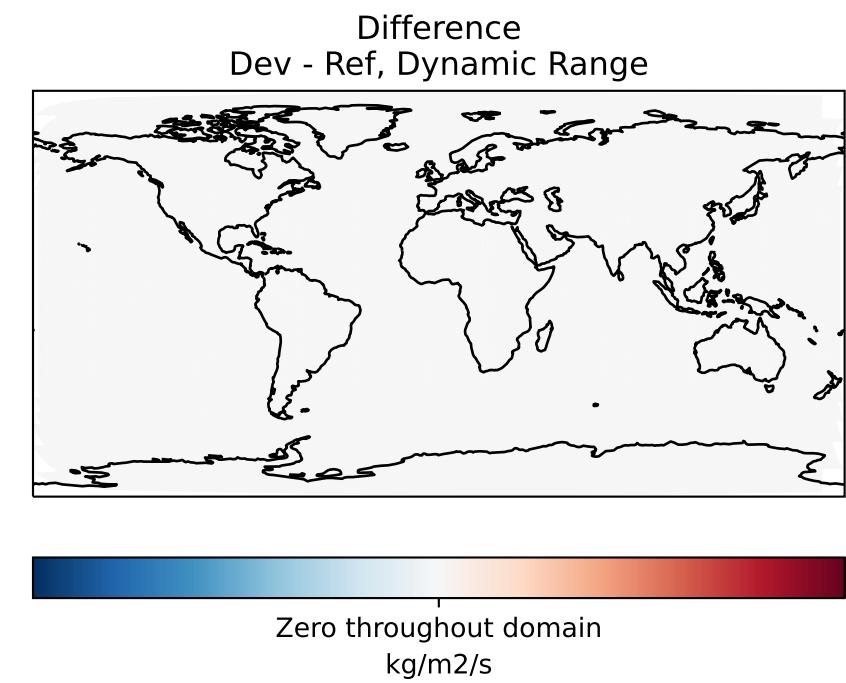
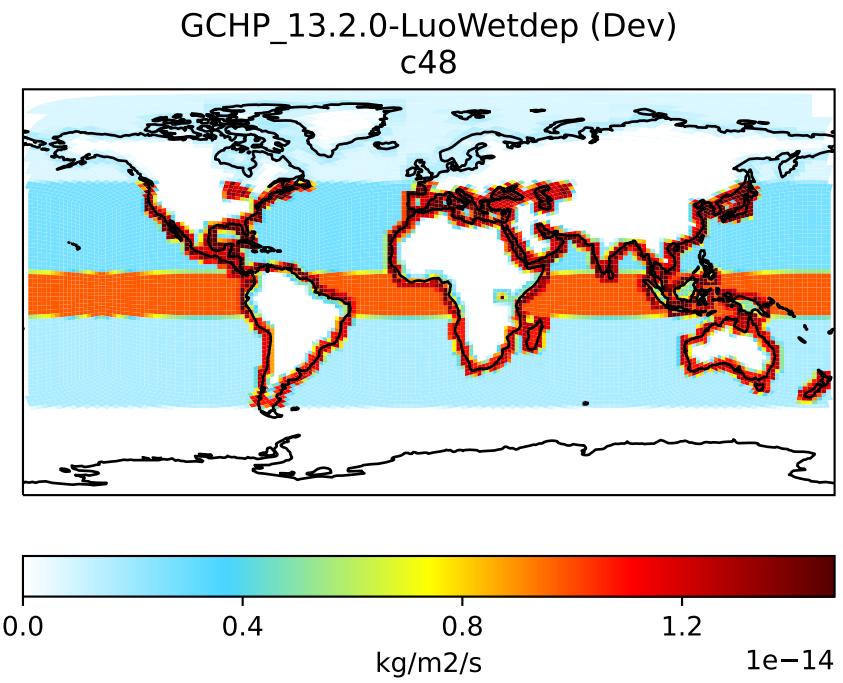
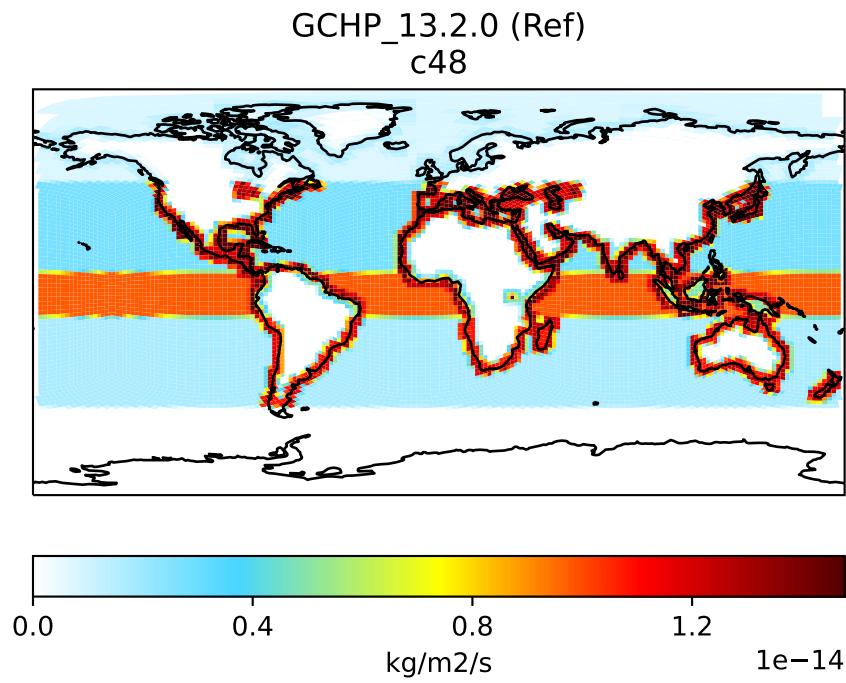
# EmisACET\_Ocean (Oct2019)



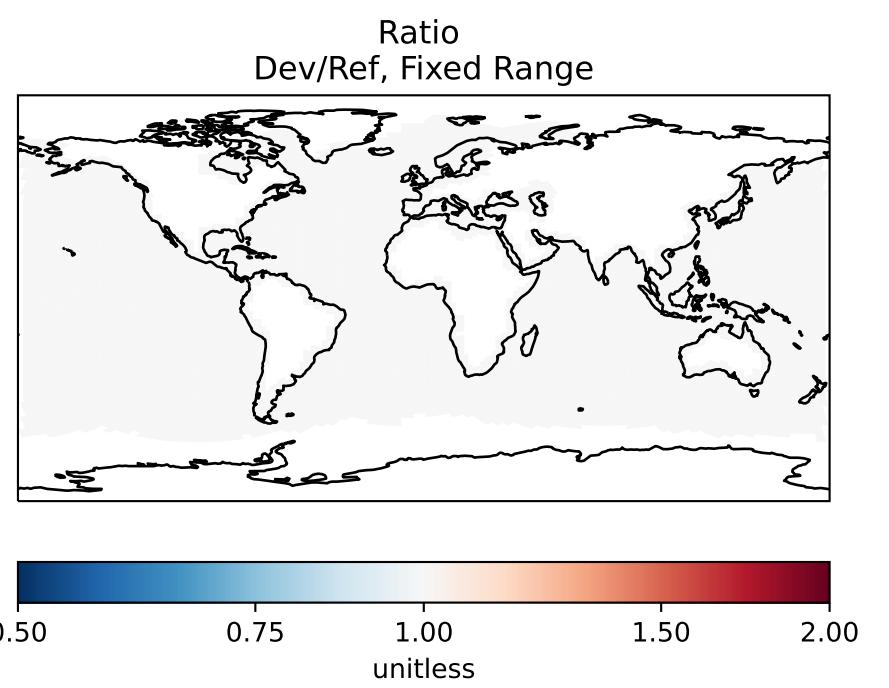
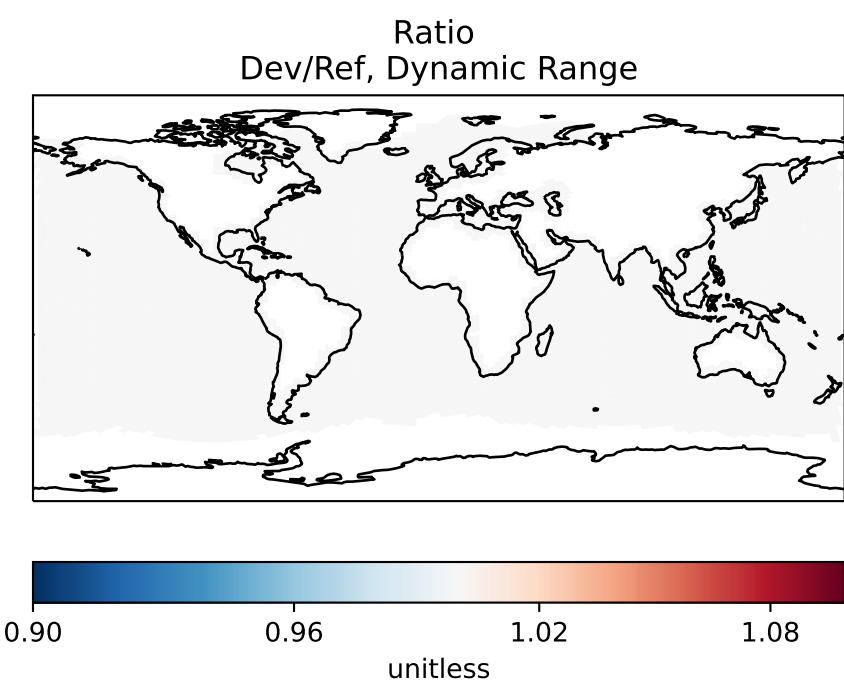
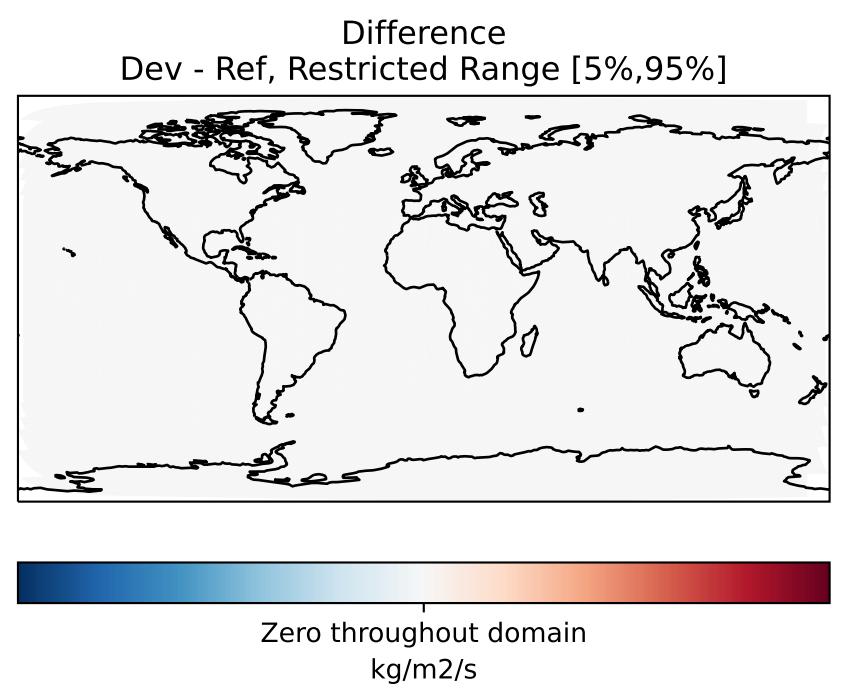
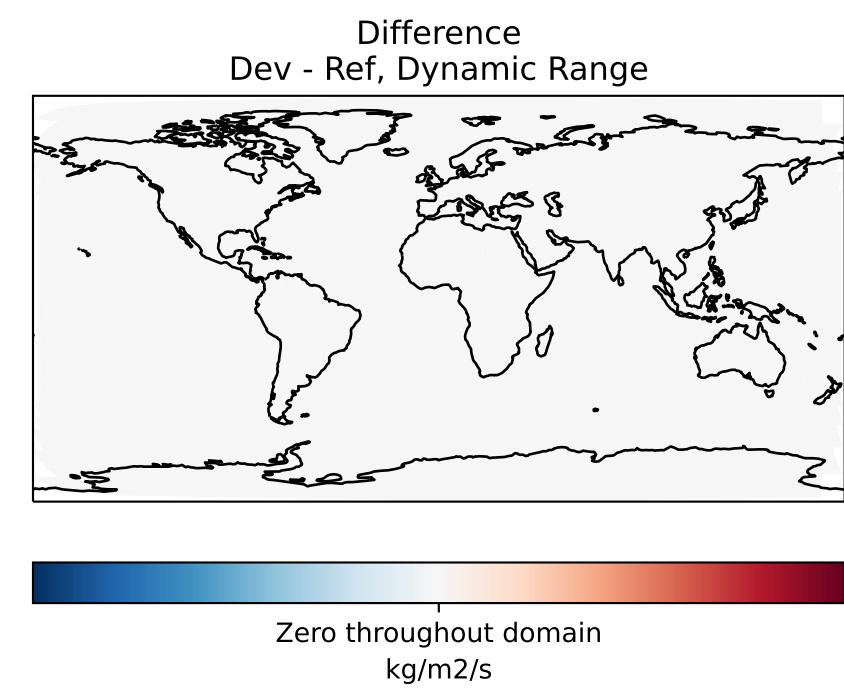
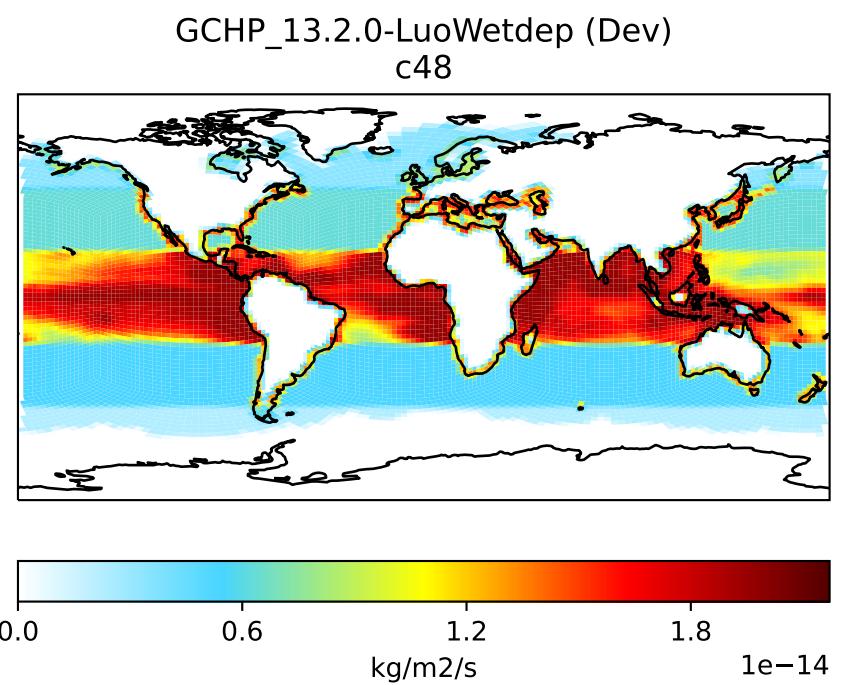
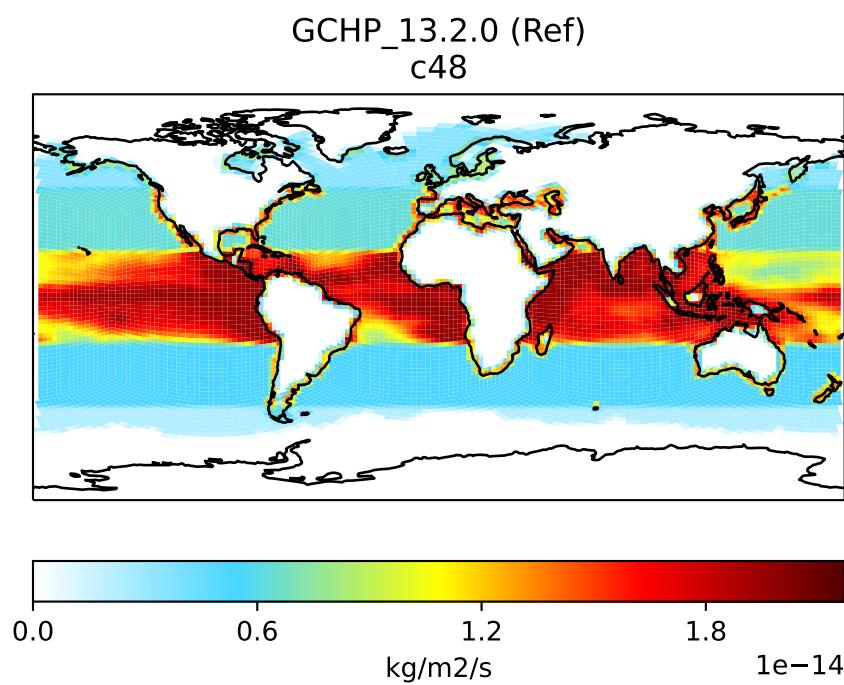
# EmisALD2\_Ocean (Oct2019)



# EmisCH2Br2\_Ocean (Oct2019)

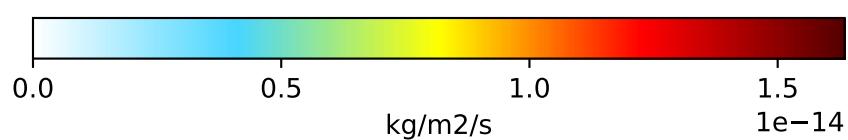
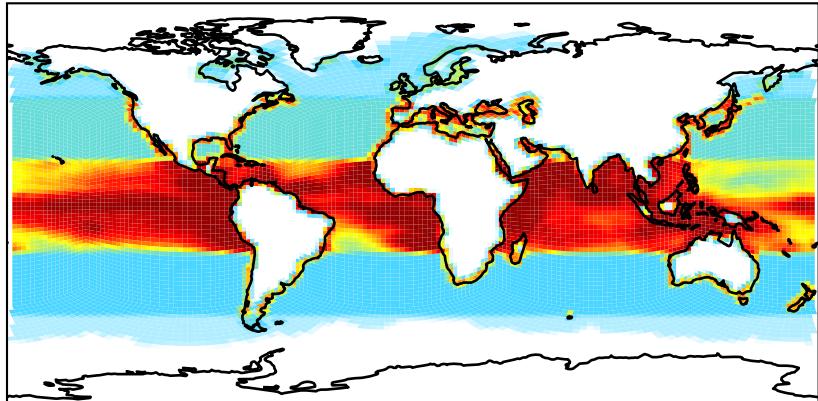


# EmisCH2I2\_Ocean (Oct2019)

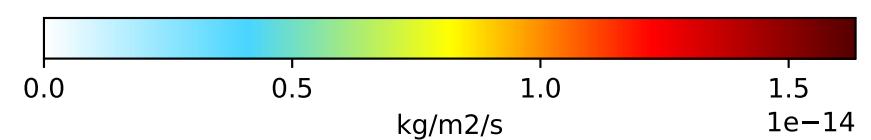
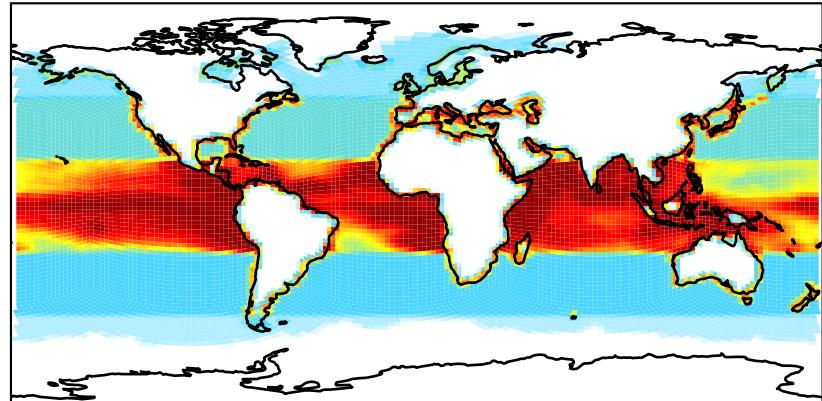


# EmisCH2IBr\_Ocean (Oct2019)

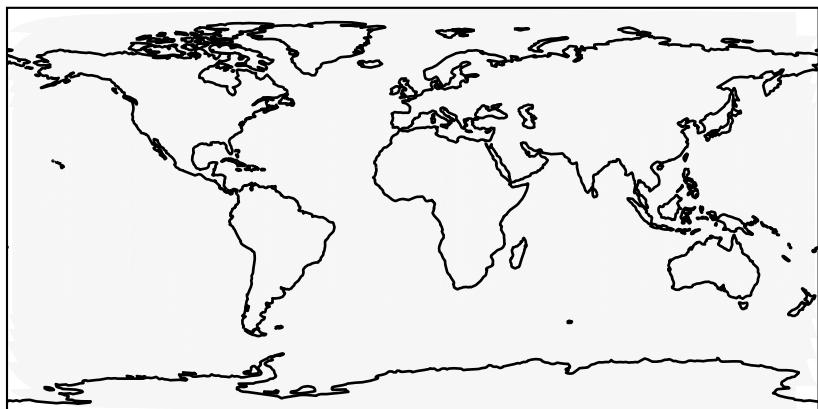
GCHP\_13.2.0 (Ref)  
c48



GCHP\_13.2.0-LuoWetdep (Dev)  
c48

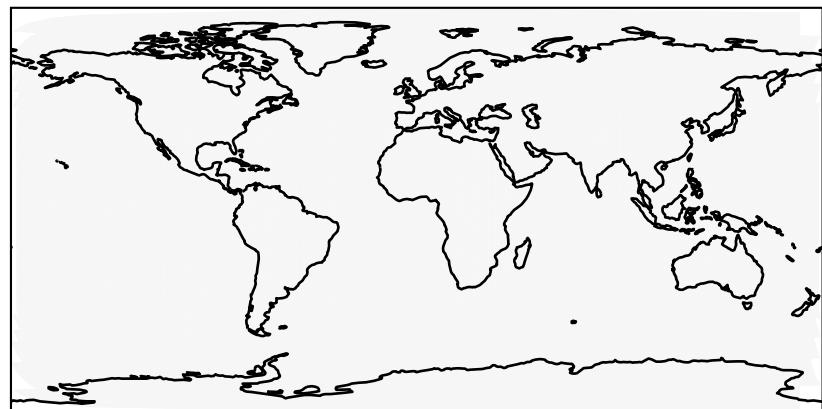


Difference  
Dev - Ref, Dynamic Range



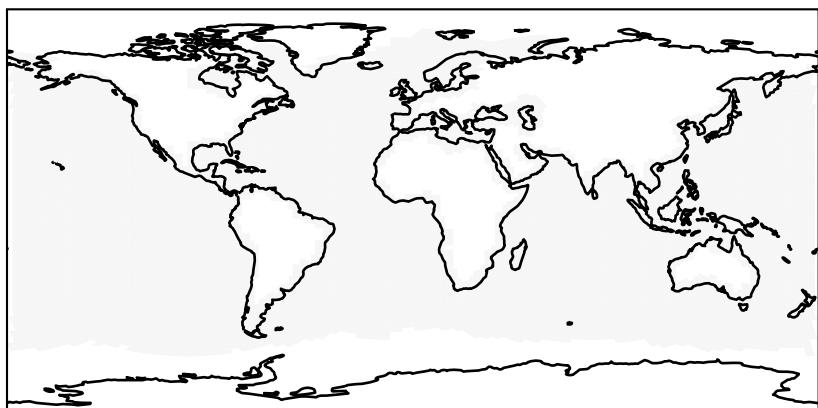
Zero throughout domain  
kg/m<sup>2</sup>/s

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



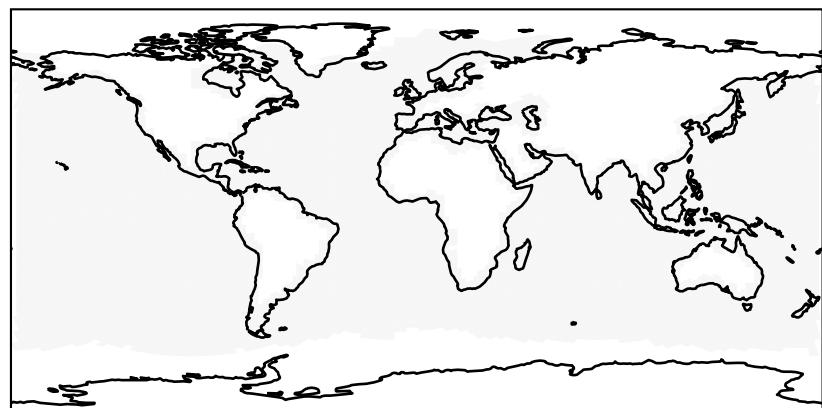
Zero throughout domain  
kg/m<sup>2</sup>/s

Ratio  
Dev/Ref, Dynamic Range



0.90      0.96      1.02      1.08  
unitless

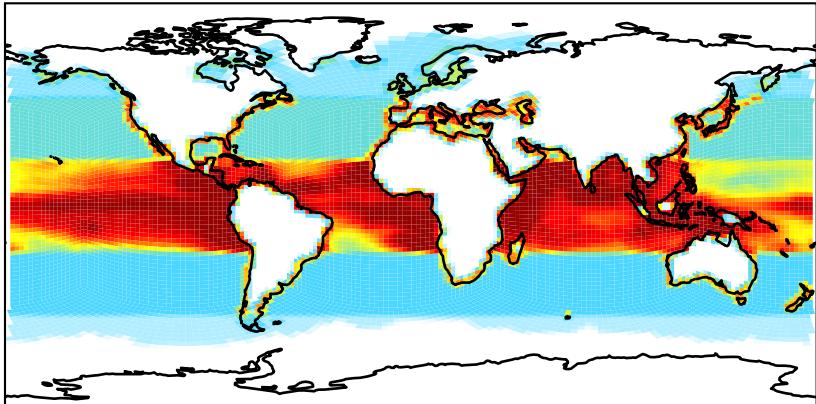
Ratio  
Dev/Ref, Fixed Range



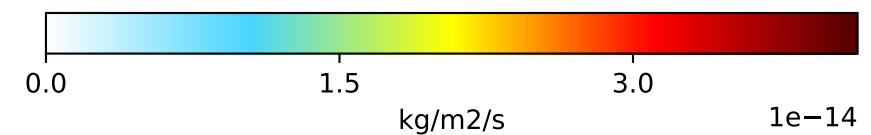
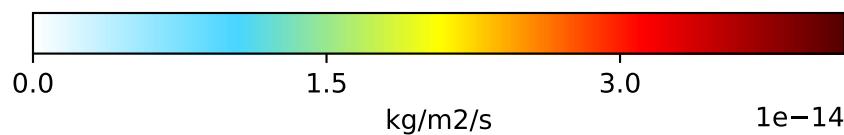
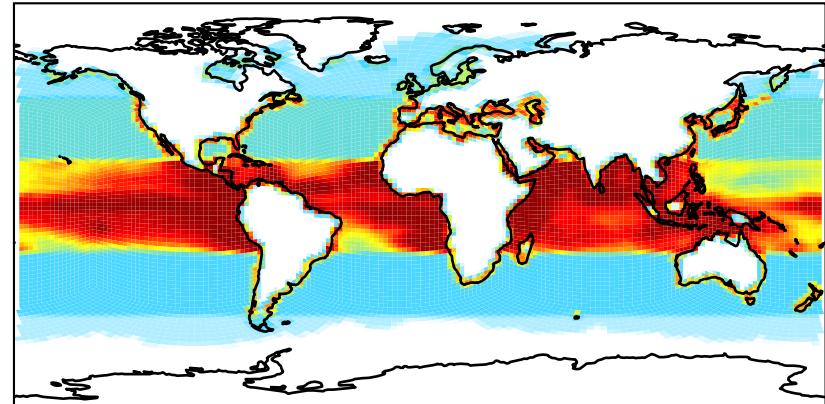
0.50      0.75      1.00      1.50      2.00  
unitless

# EmisCH2ICI\_Ocean (Oct2019)

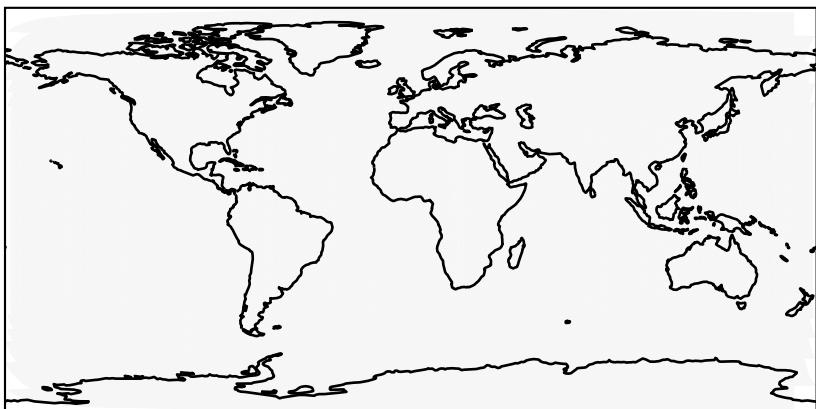
GCHP\_13.2.0 (Ref)  
c48



GCHP\_13.2.0-LuoWetdep (Dev)  
c48

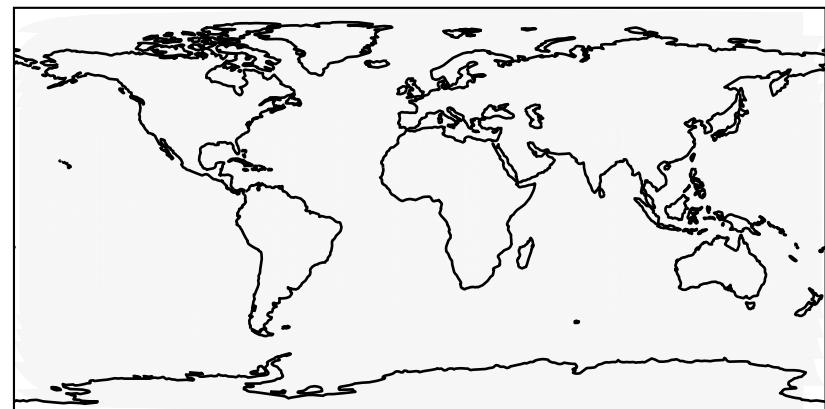


Difference  
Dev - Ref, Dynamic Range



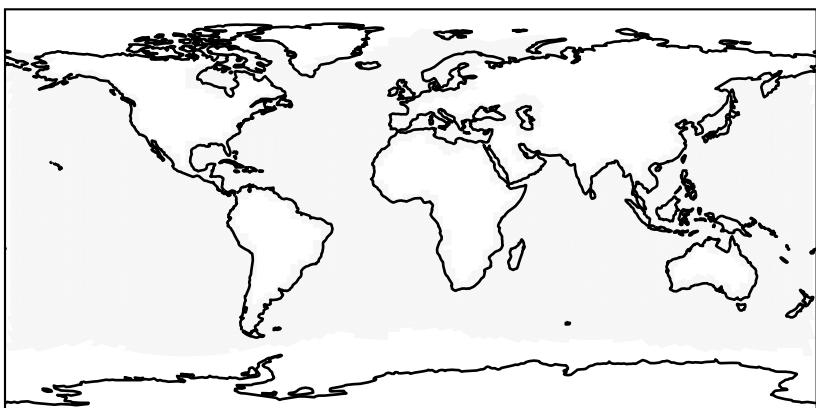
Zero throughout domain  
kg/m²/s

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



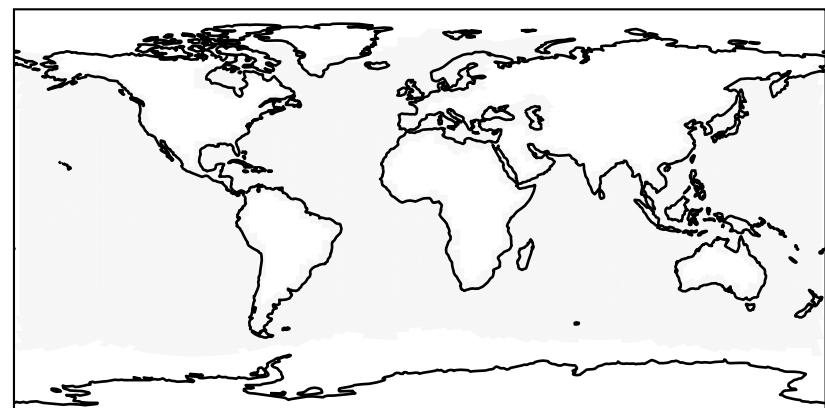
Zero throughout domain  
kg/m²/s

Ratio  
Dev/Ref, Dynamic Range



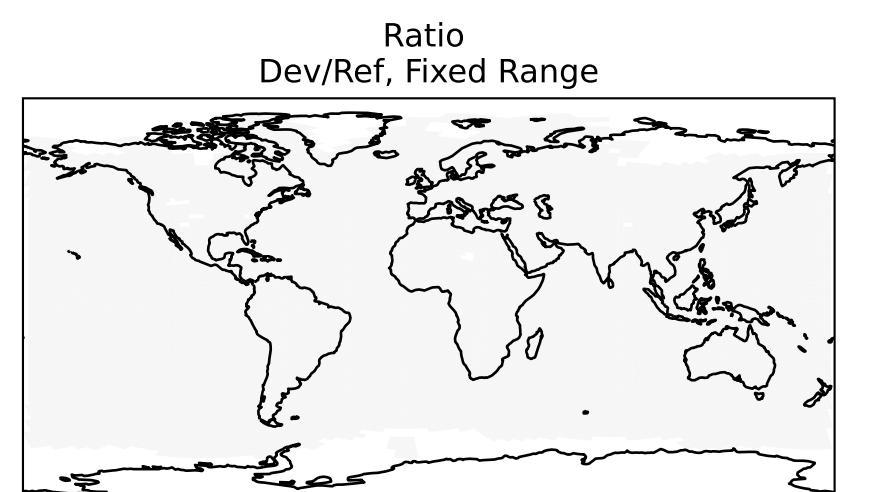
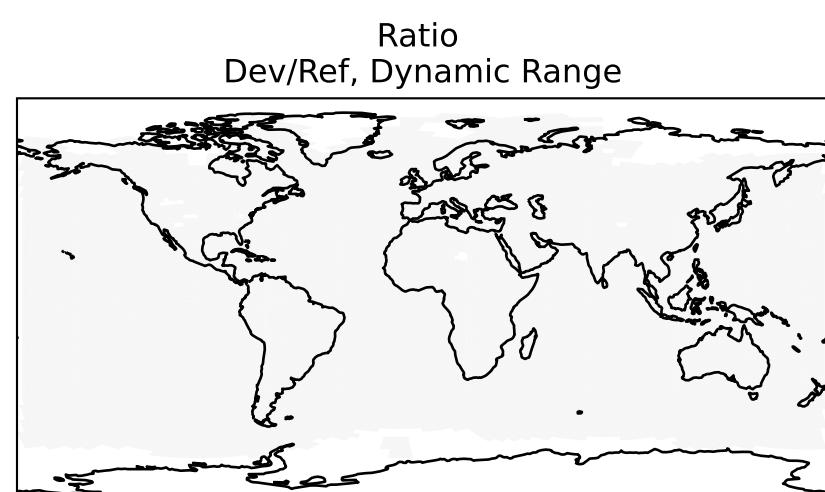
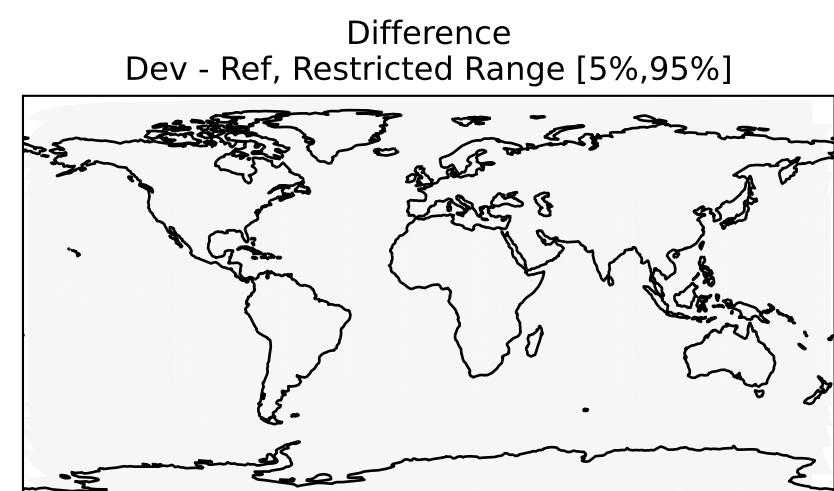
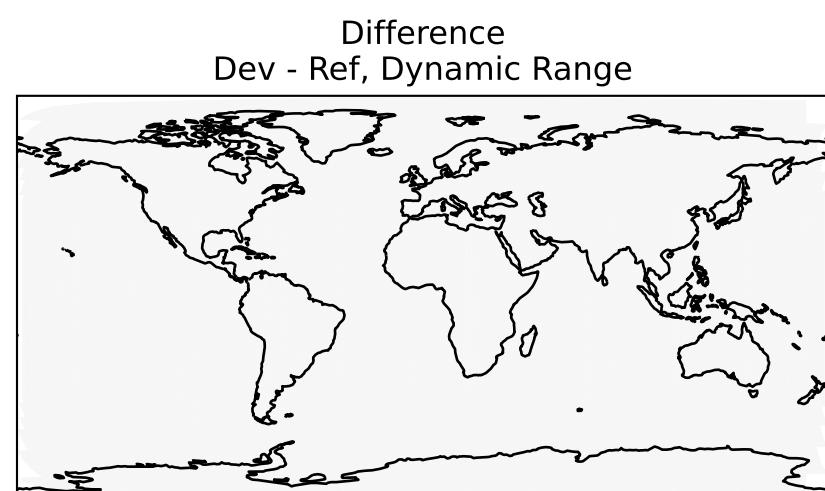
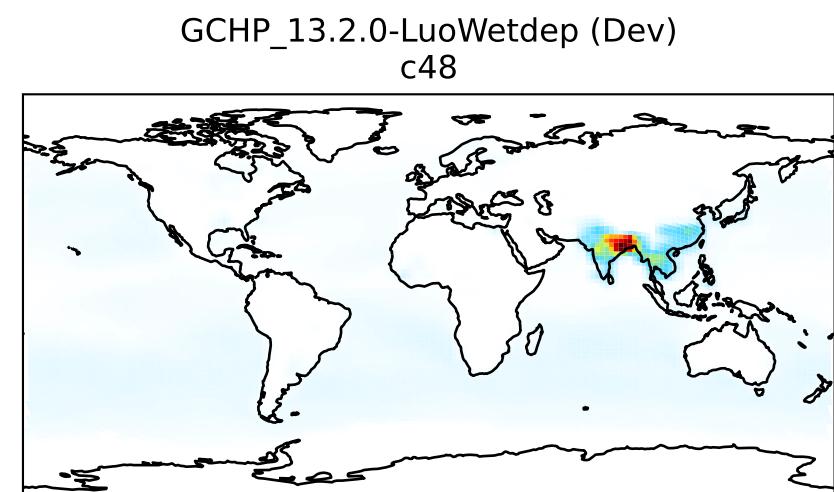
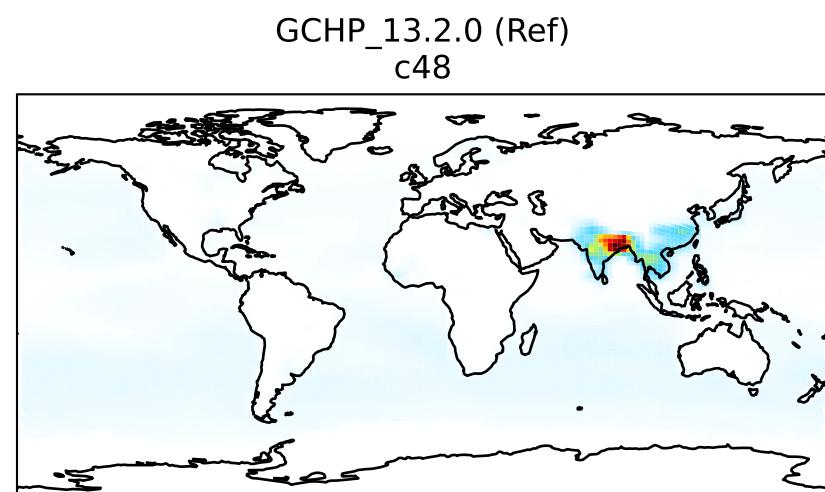
0.90      0.96      1.02      1.08  
unitless

Ratio  
Dev/Ref, Fixed Range



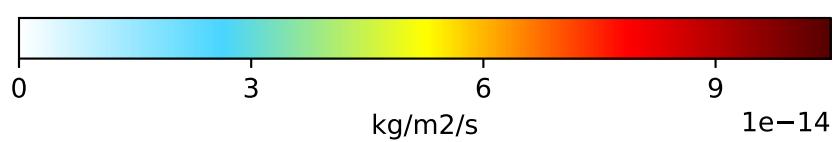
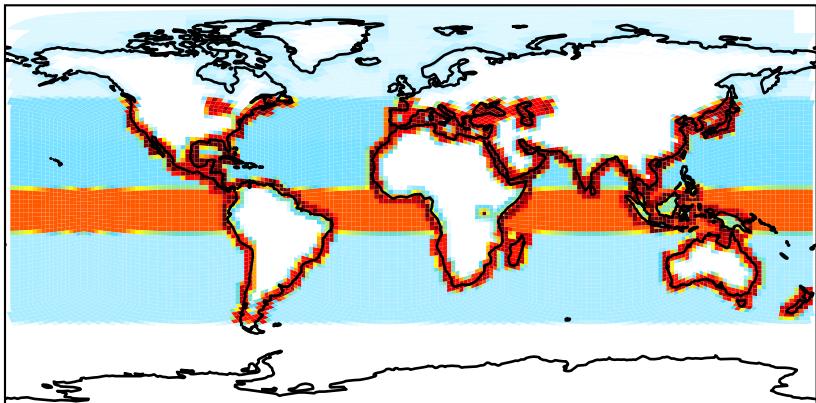
0.50      0.75      1.00      1.50      2.00  
unitless

# EmisCH3I\_Ocean (Oct2019)

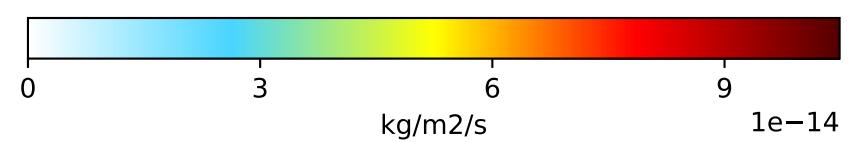
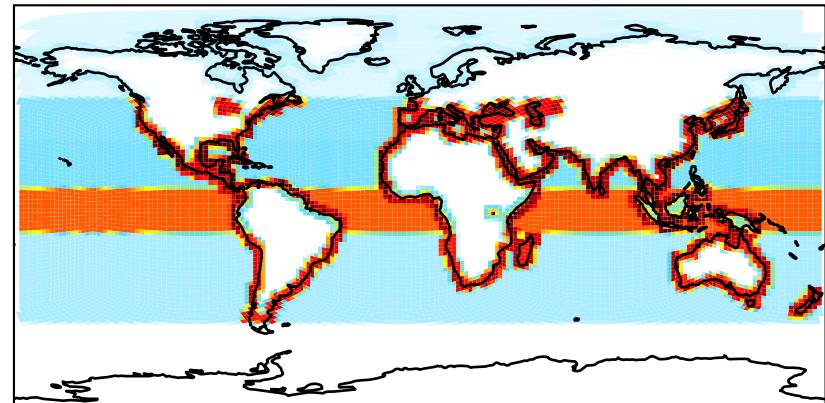


# EmisCHBr3\_Ocean (Oct2019)

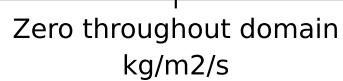
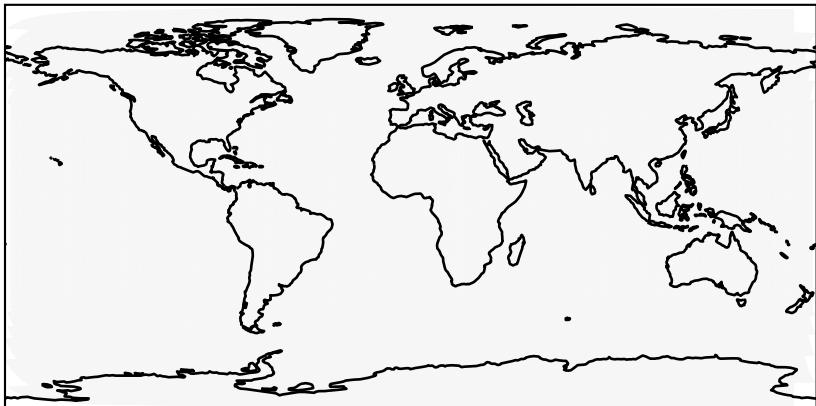
GCHP\_13.2.0 (Ref)  
c48



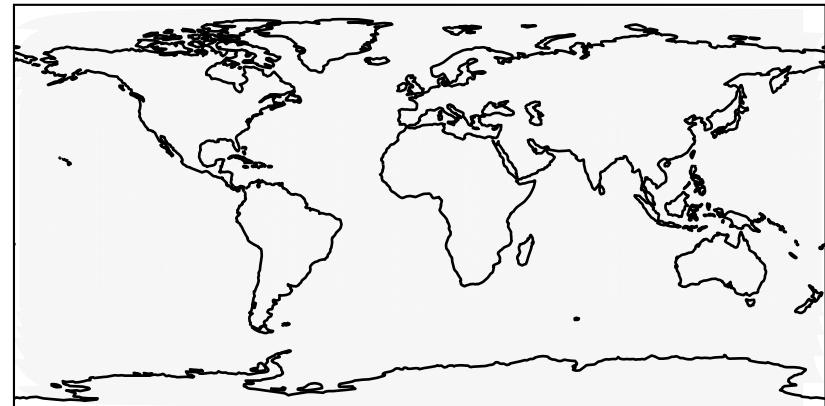
GCHP\_13.2.0-LuoWetdep (Dev)  
c48



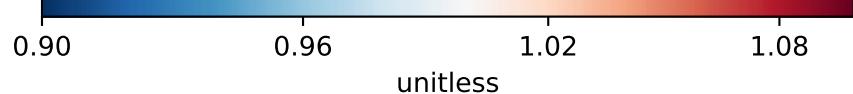
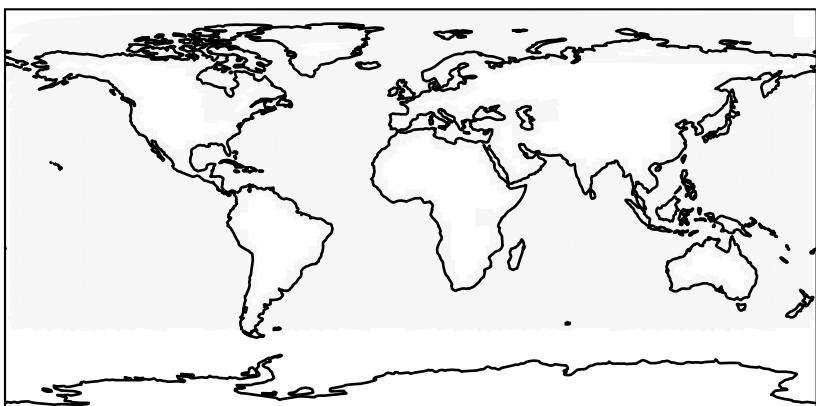
Difference  
Dev - Ref, Dynamic Range



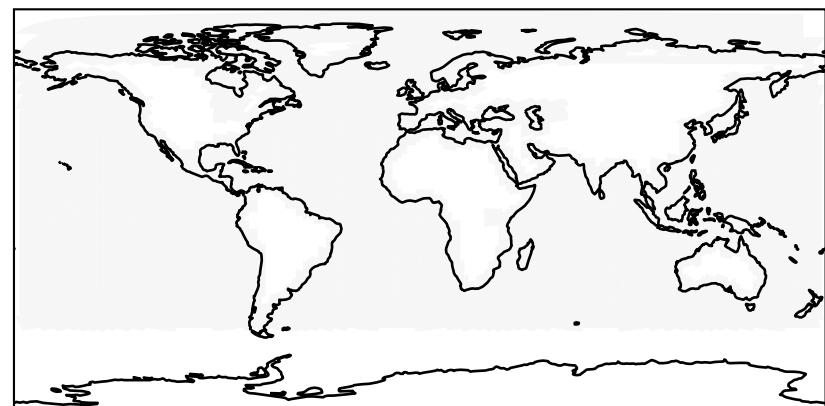
Difference  
Dev - Ref, Restricted Range [5%, 95%]



Ratio  
Dev/Ref, Dynamic Range

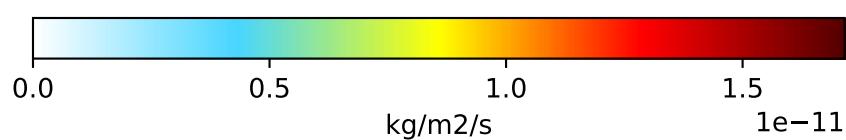
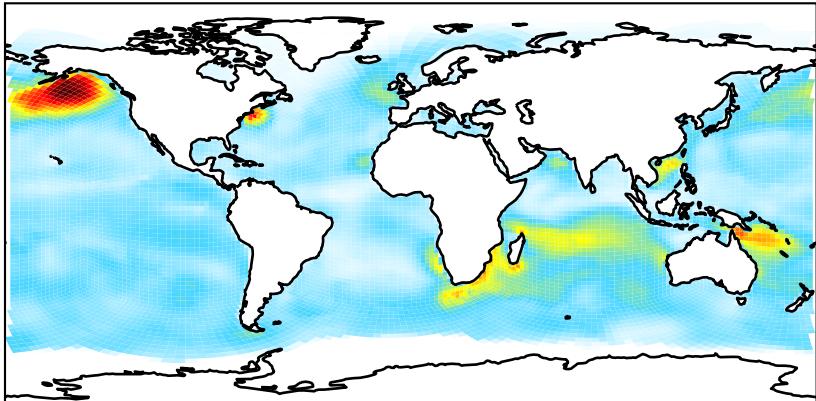


Ratio  
Dev/Ref, Fixed Range

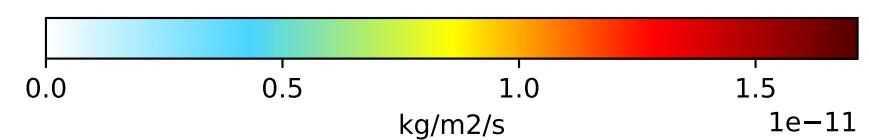
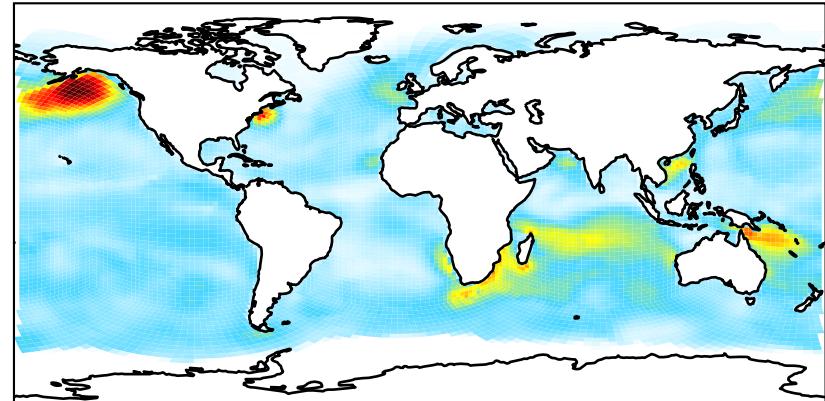


# EmisDMS\_Ocean (Oct2019)

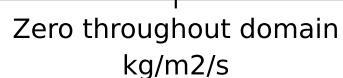
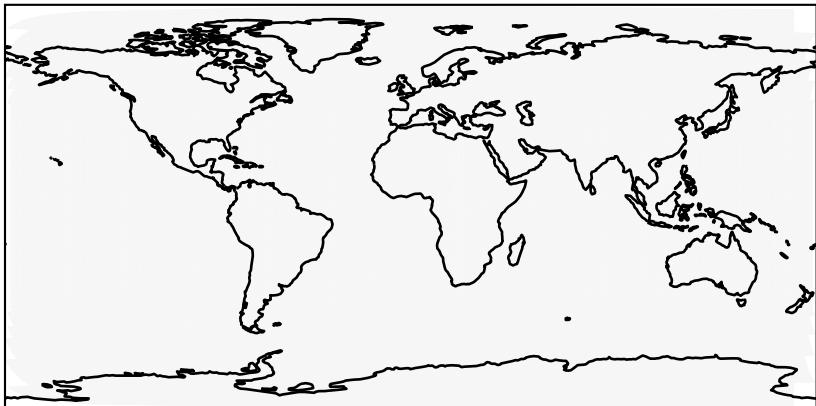
GCHP\_13.2.0 (Ref)  
c48



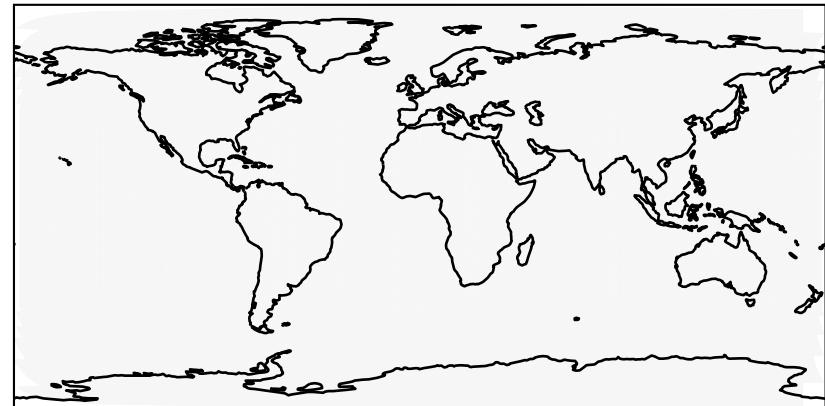
GCHP\_13.2.0-LuoWetdep (Dev)  
c48



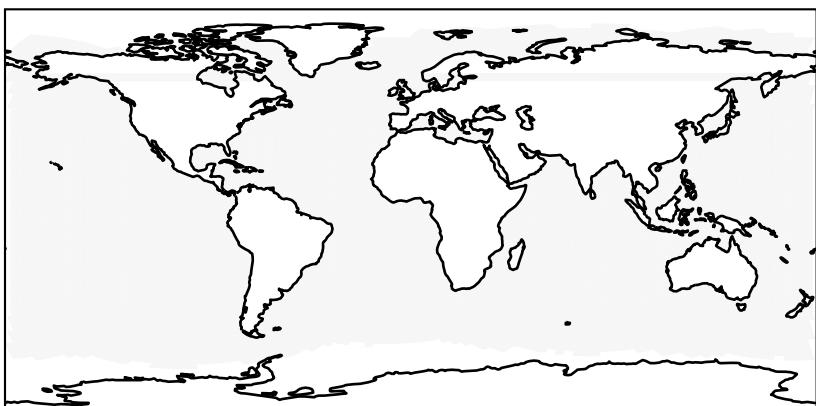
Difference  
Dev - Ref, Dynamic Range



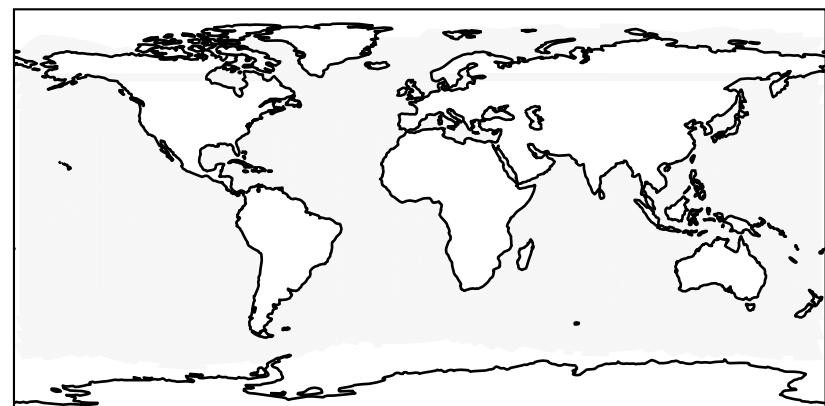
Difference  
Dev - Ref, Restricted Range [5%,95%]



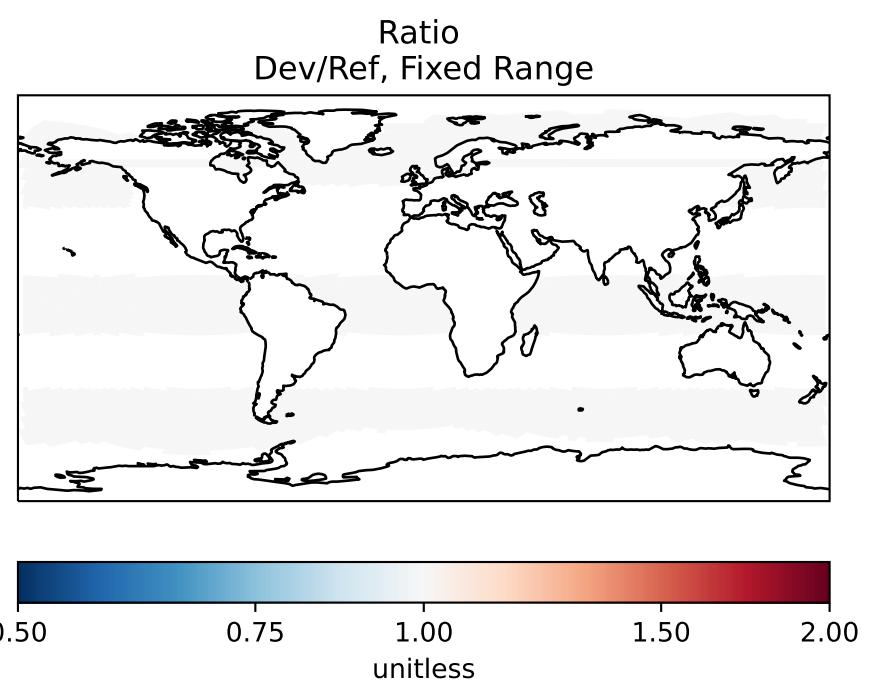
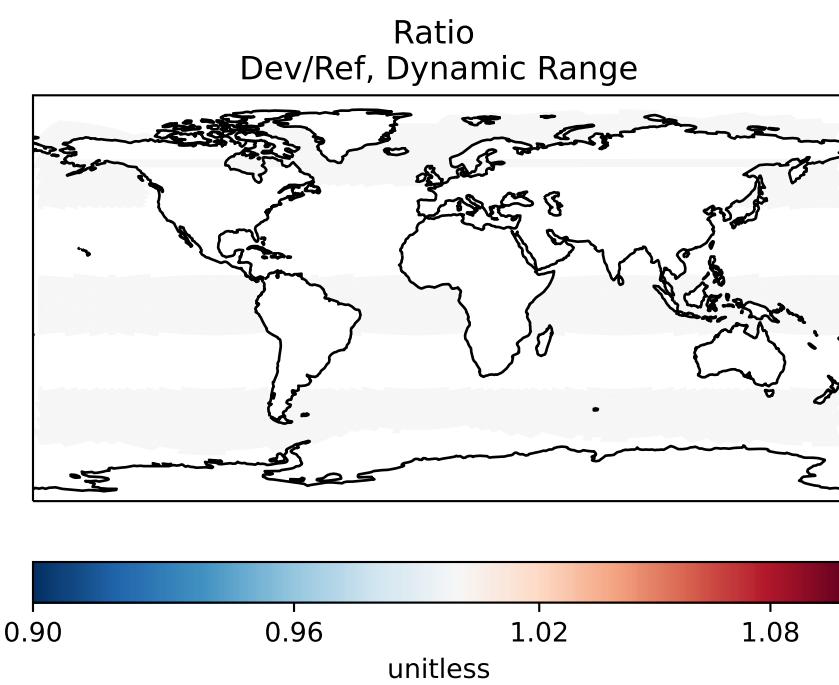
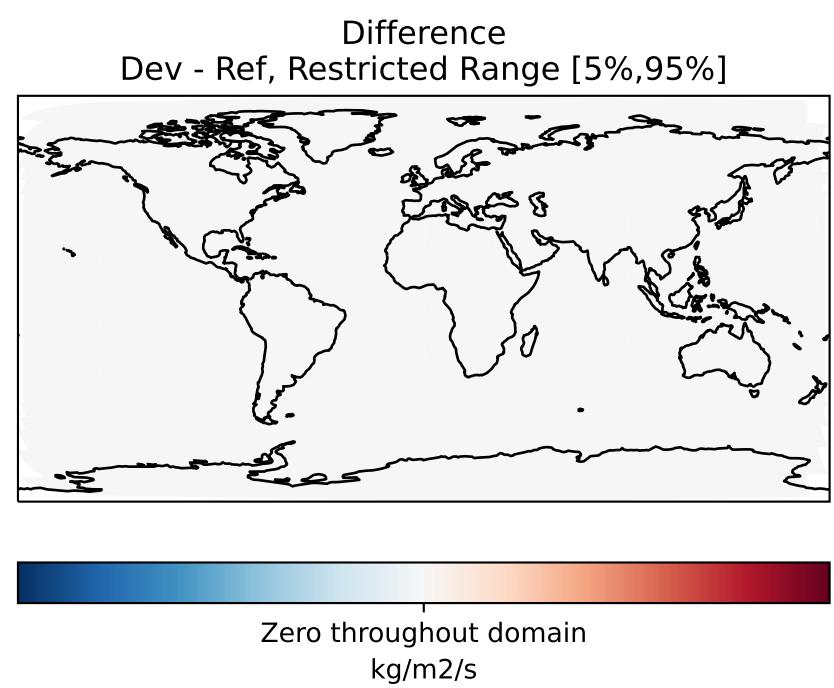
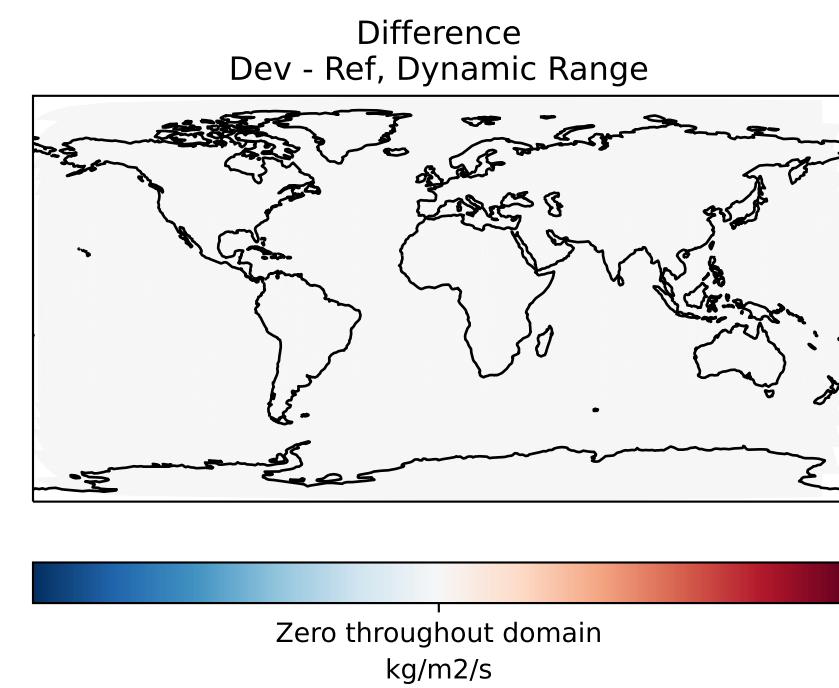
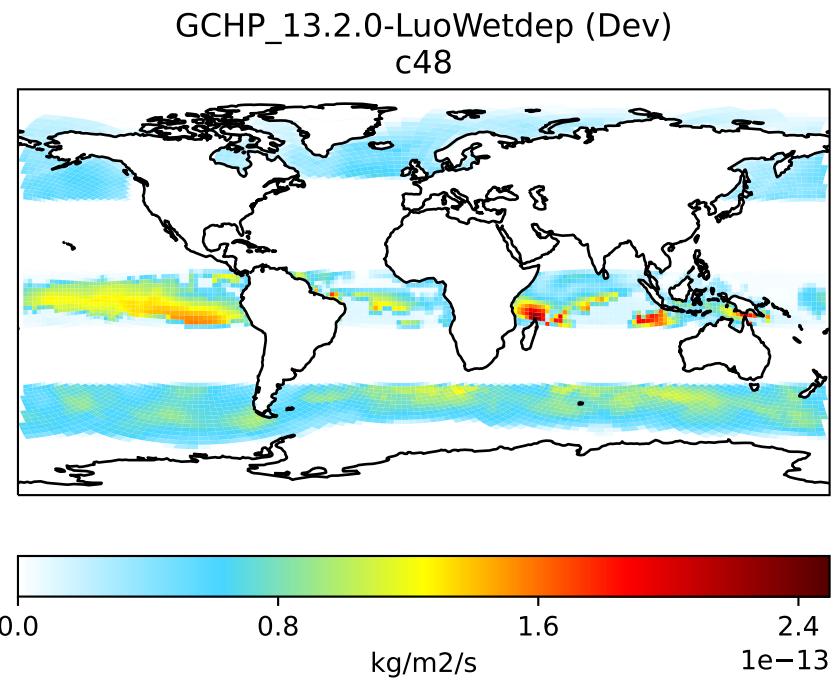
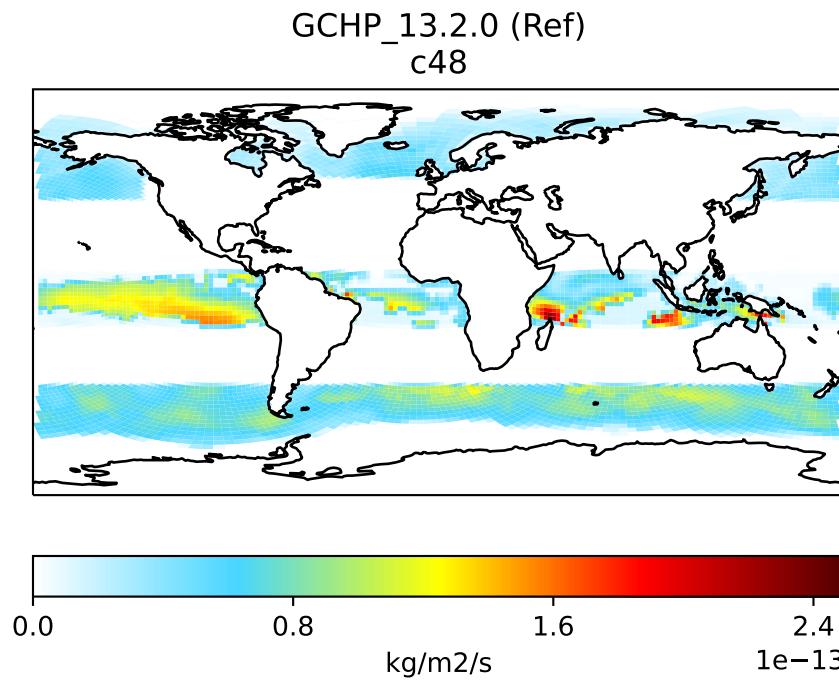
Ratio  
Dev/Ref, Dynamic Range



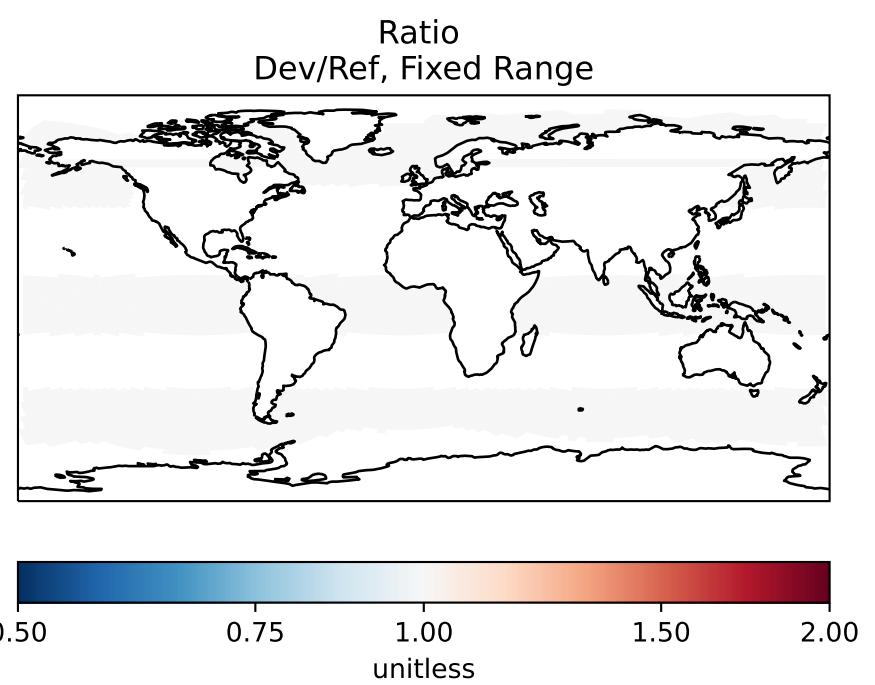
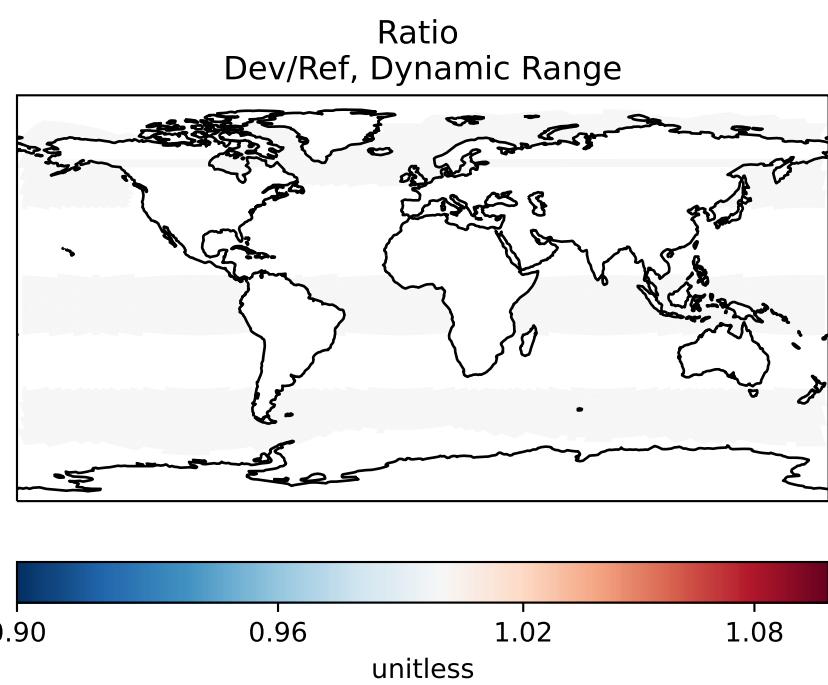
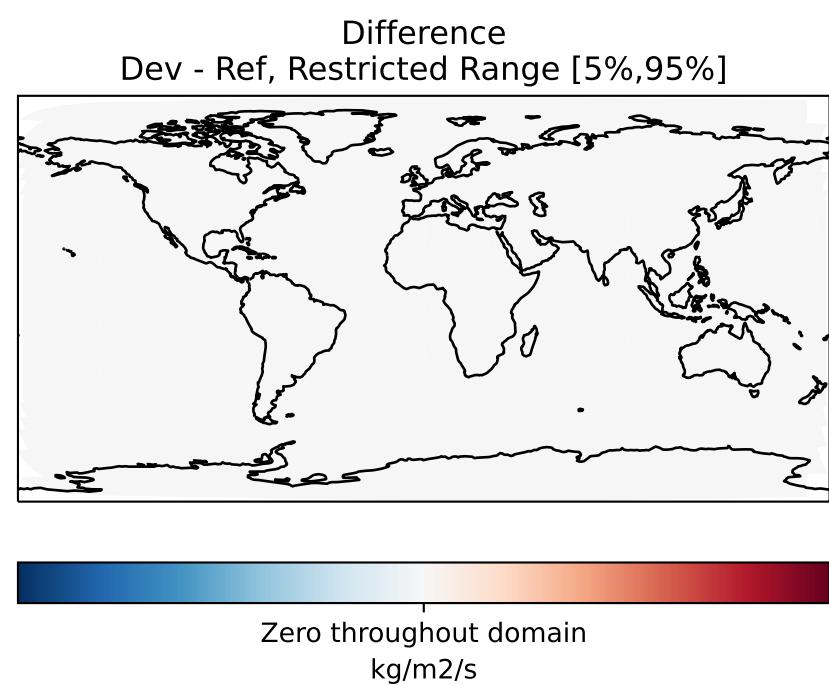
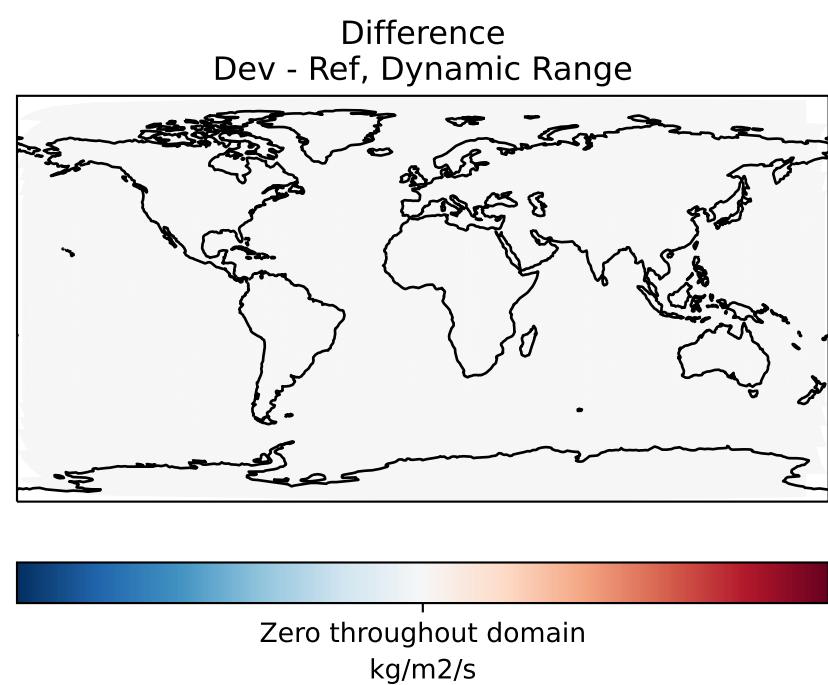
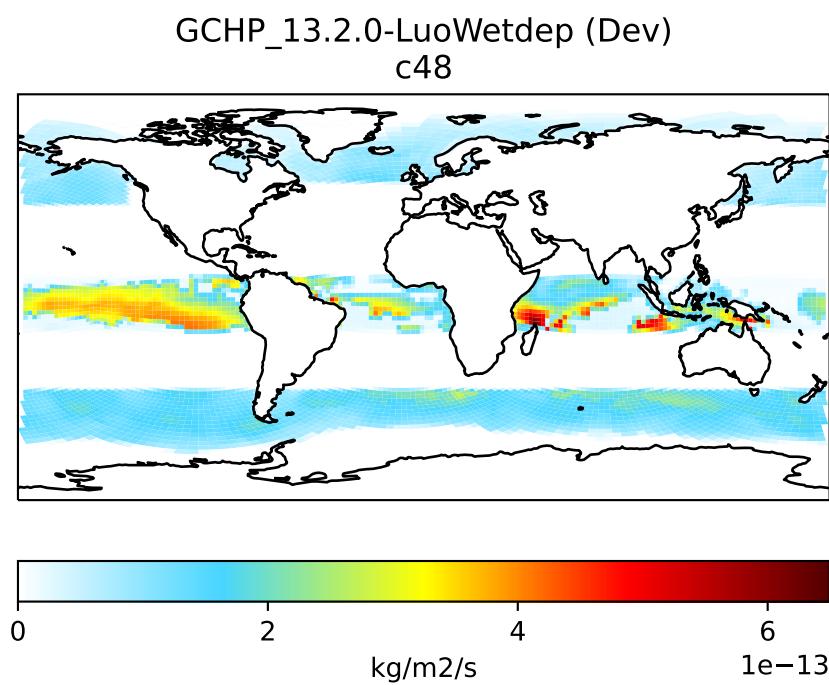
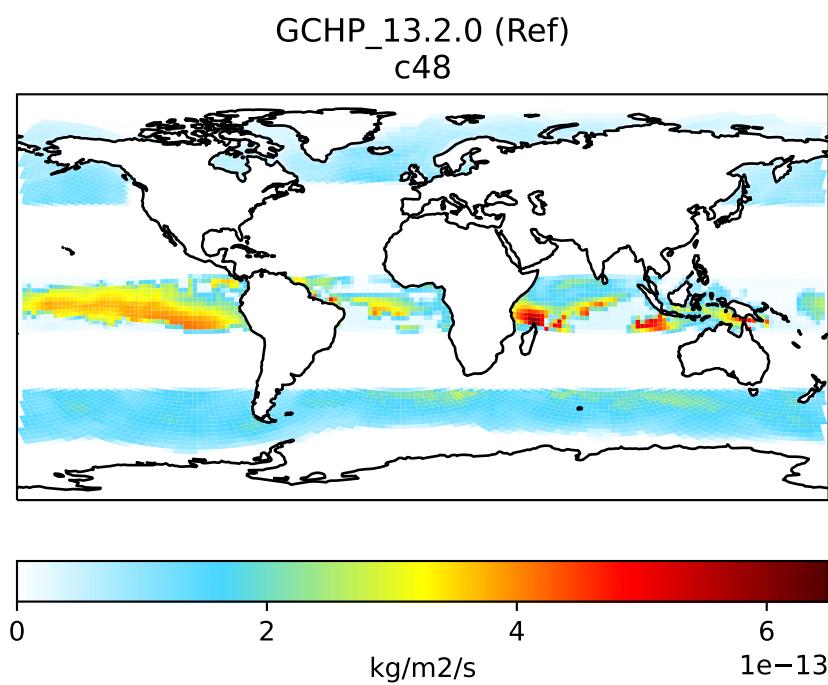
Ratio  
Dev/Ref, Fixed Range



# EmisETNO3\_Ocean (Oct2019)



# EmisMENO3\_Ocean (Oct2019)



# EmisMOH\_Ocean (Oct2019)

