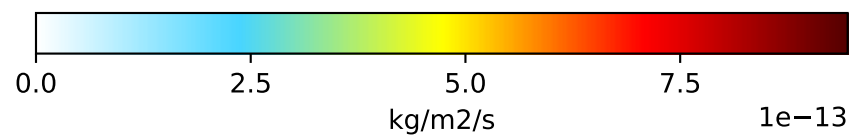
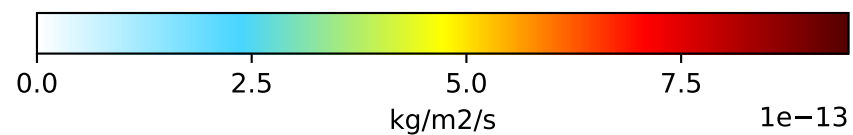


# EmisSOAP\_Aircraft (Apr2019)

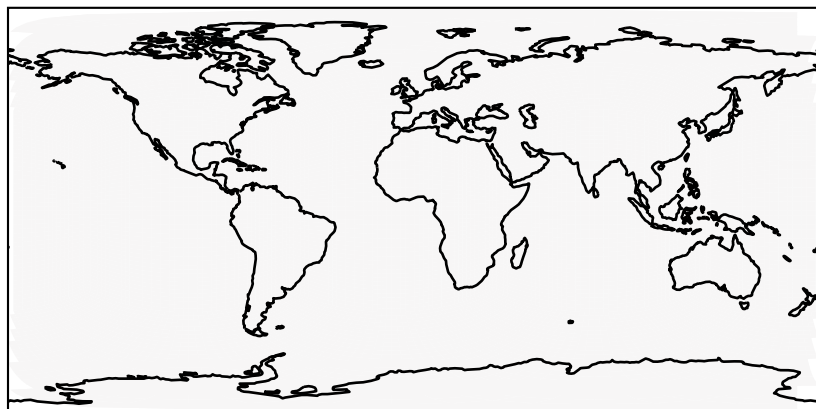
GCHP\_13.2.0 (Ref)  
c48



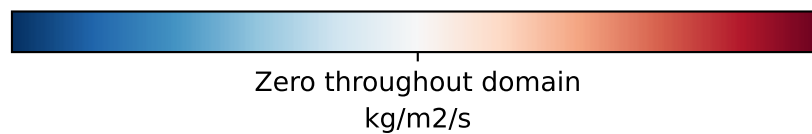
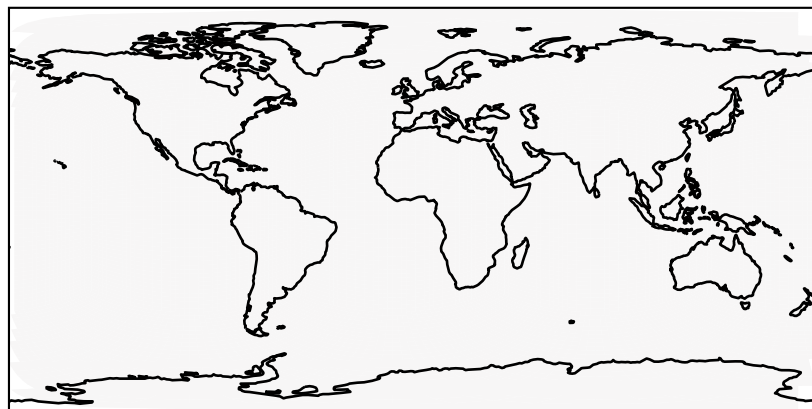
GCHP\_13.2.0-LuoWetdep (Dev)  
c48



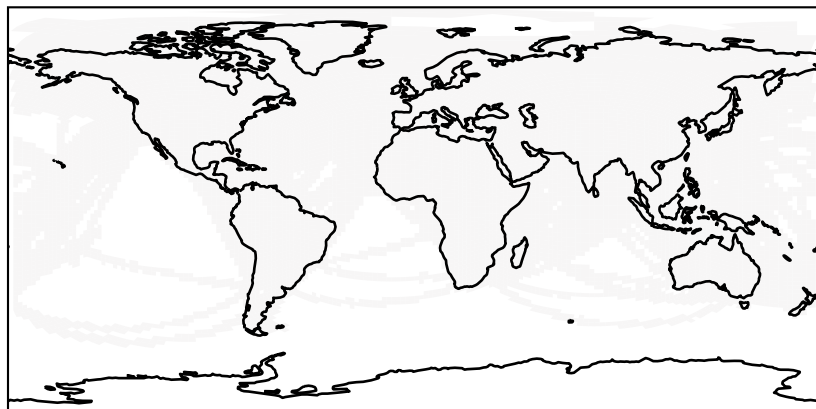
Difference  
Dev - Ref, Dynamic Range



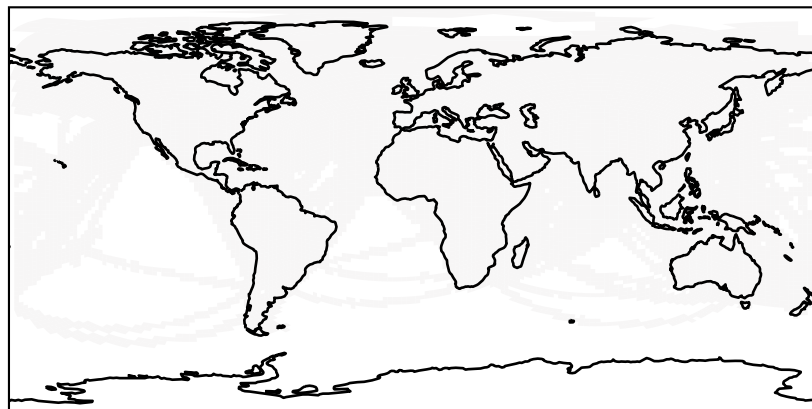
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

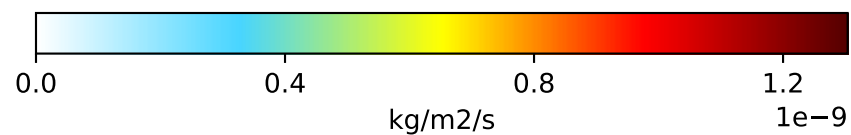


Ratio  
Dev/Ref, Fixed Range

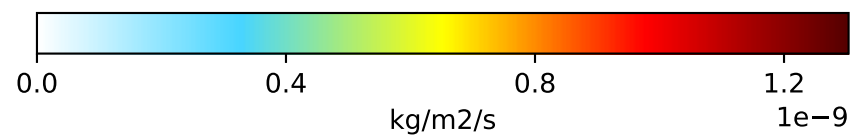


# EmisSOAP\_Anthro (Apr2019)

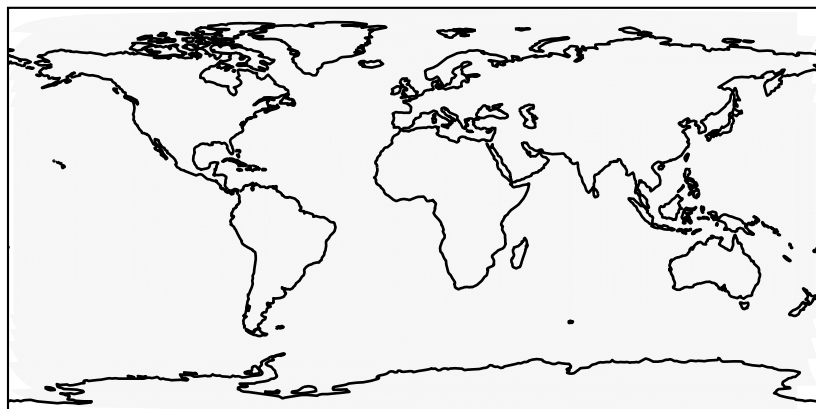
GCHP\_13.2.0 (Ref)  
c48



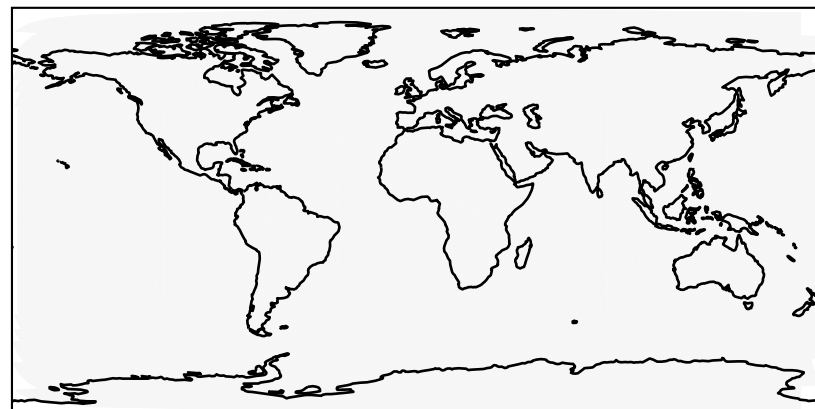
GCHP\_13.2.0-LuoWetdep (Dev)  
c48



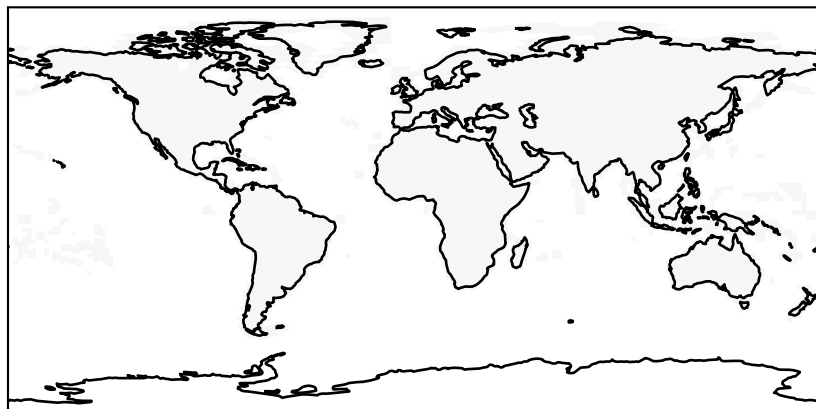
Difference  
Dev - Ref, Dynamic Range



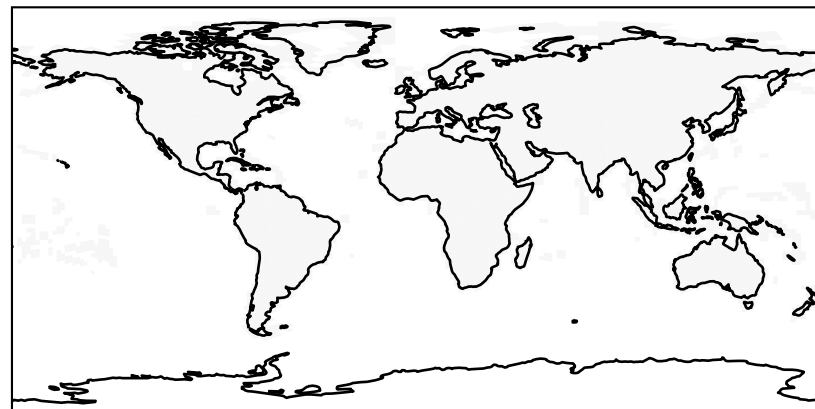
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

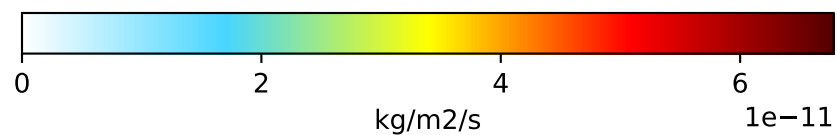
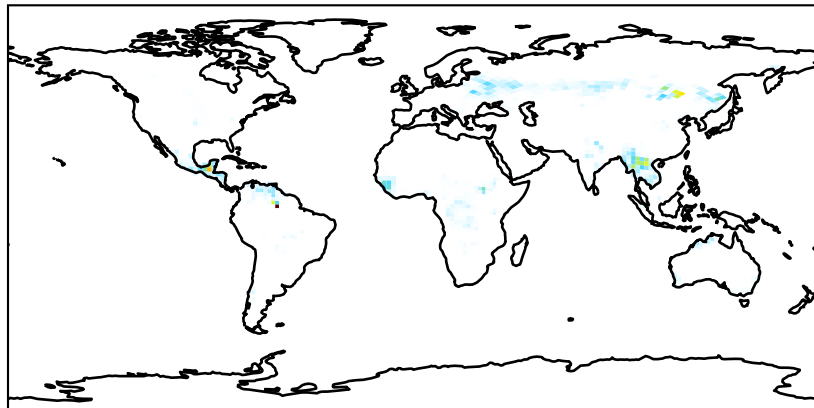


Ratio  
Dev/Ref, Fixed Range

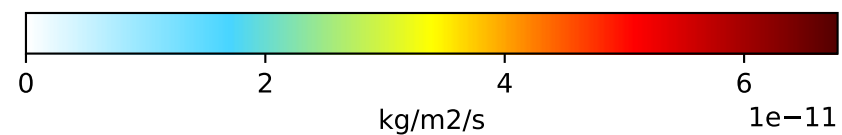
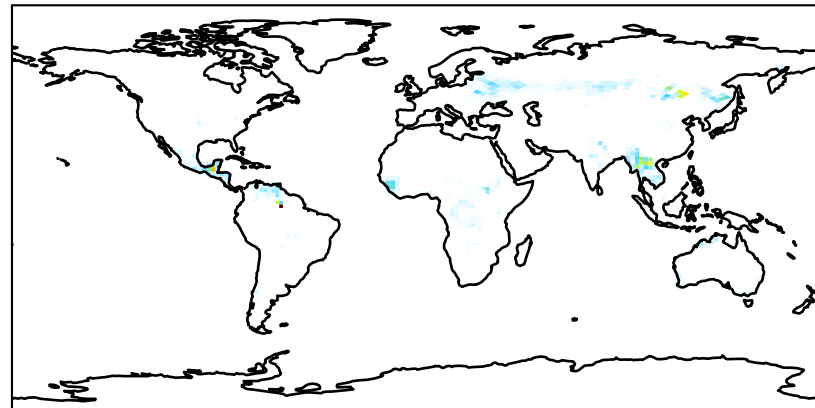


# EmisSOAP\_BioBurn (Apr2019)

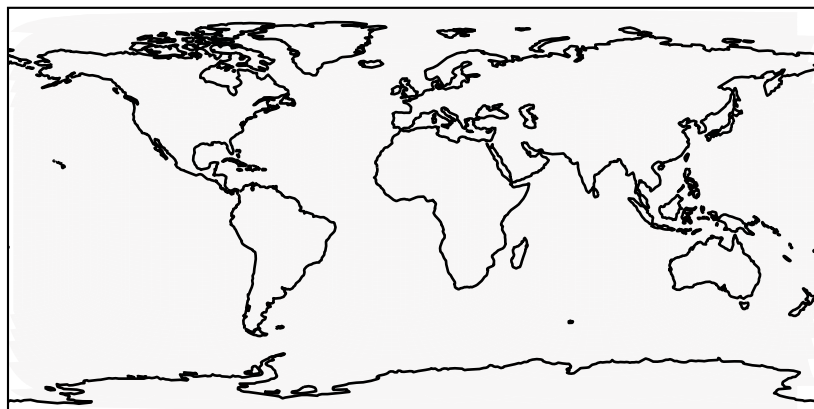
GCHP\_13.2.0 (Ref)  
c48



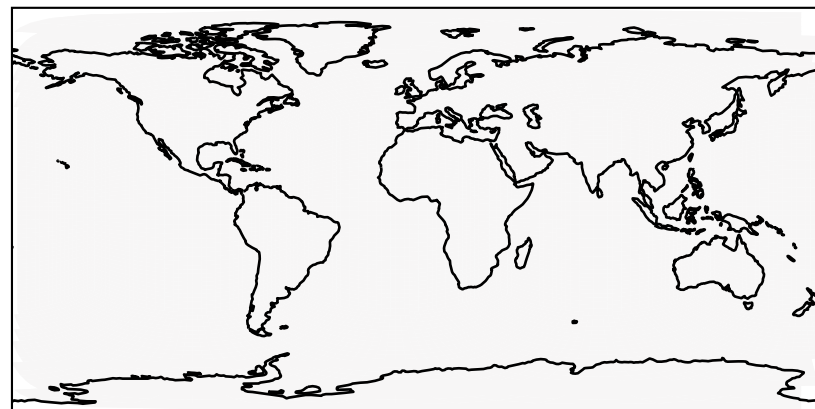
GCHP\_13.2.0-LuoWetdep (Dev)  
c48



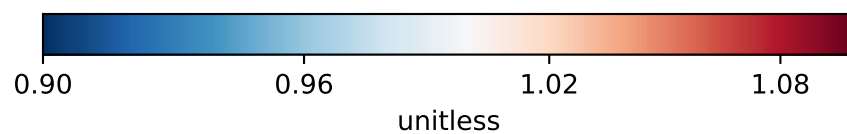
Difference  
Dev - Ref, Dynamic Range



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



Ratio  
Dev/Ref, Dynamic Range

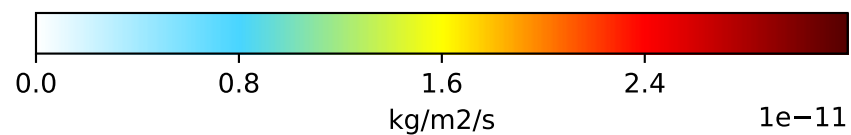
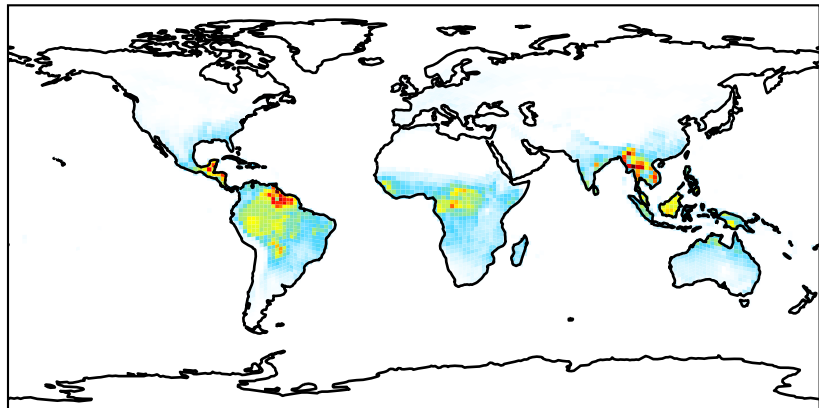


Ratio  
Dev/Ref, Fixed Range

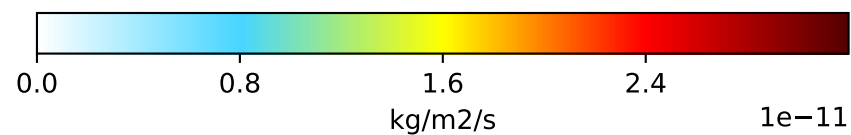
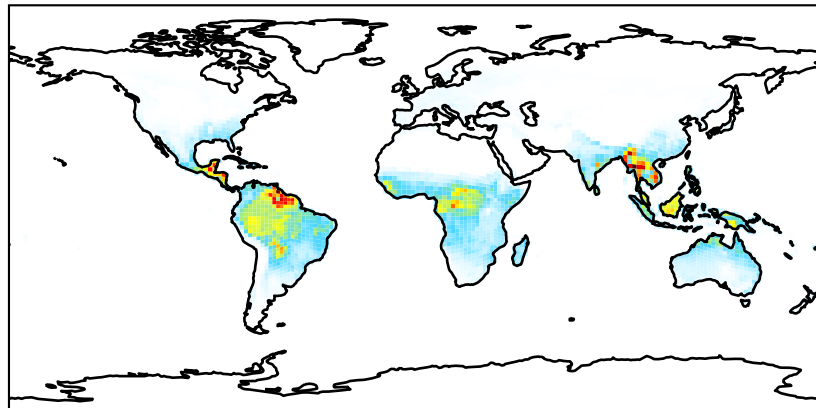


# EmisSOAP\_Biogenic (Apr2019)

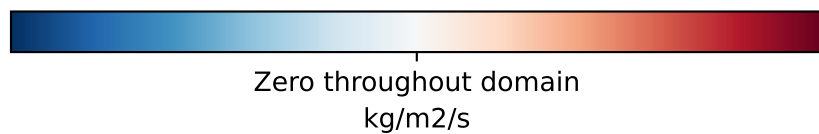
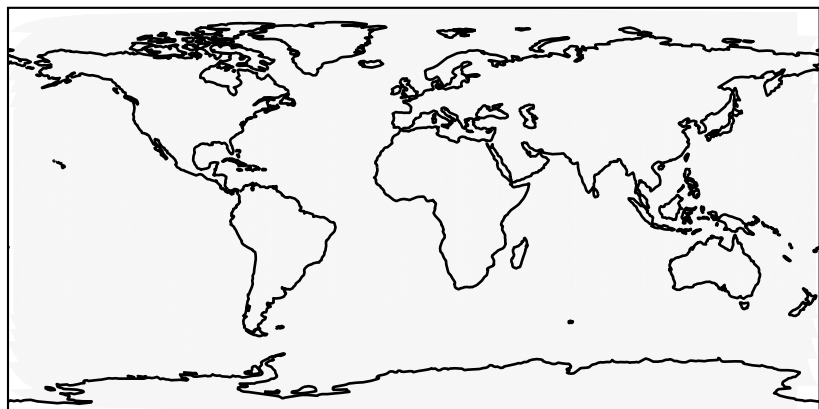
GCHP\_13.2.0 (Ref)  
c48



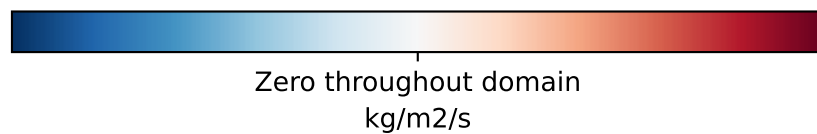
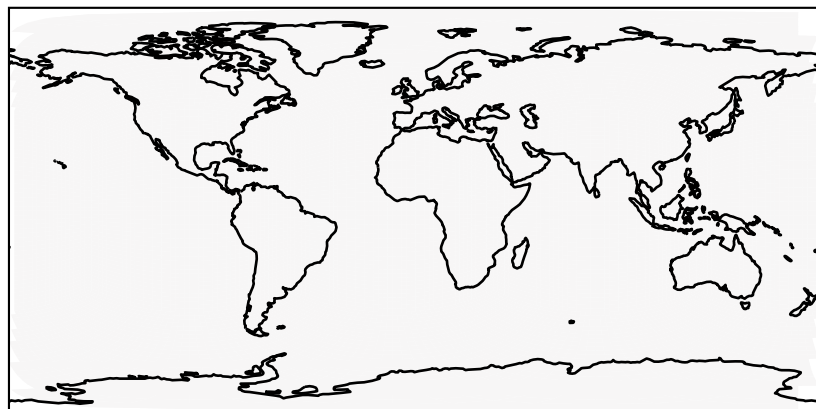
GCHP\_13.2.0-LuoWetdep (Dev)  
c48



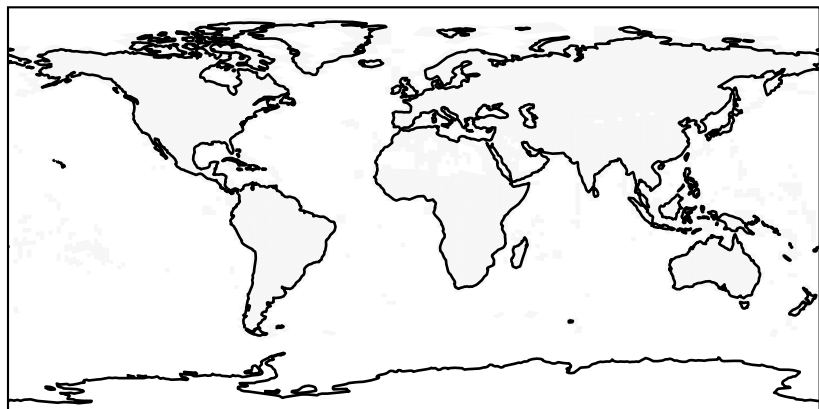
Difference  
Dev - Ref, Dynamic Range



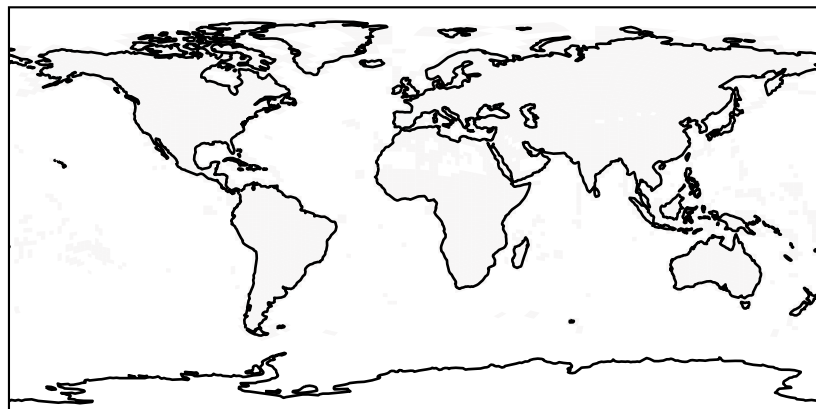
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range



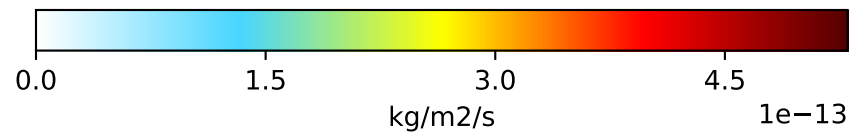
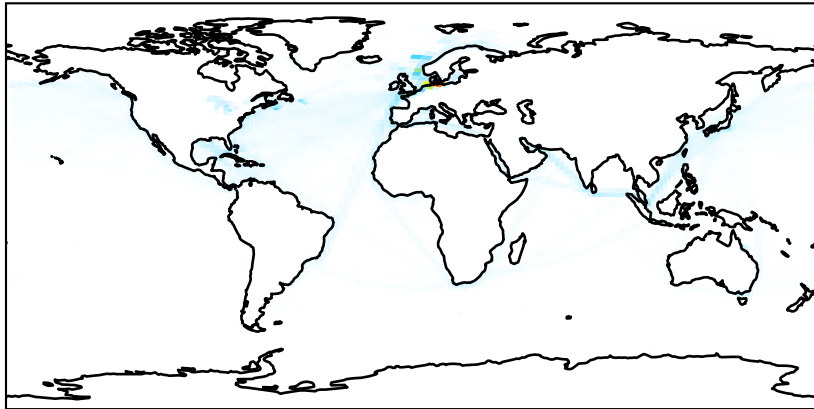
Ratio  
Dev/Ref, Fixed Range



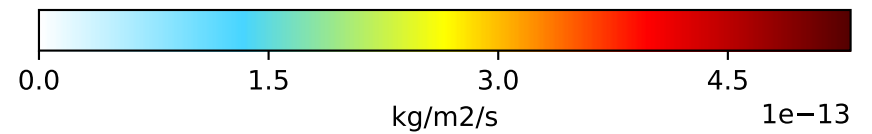
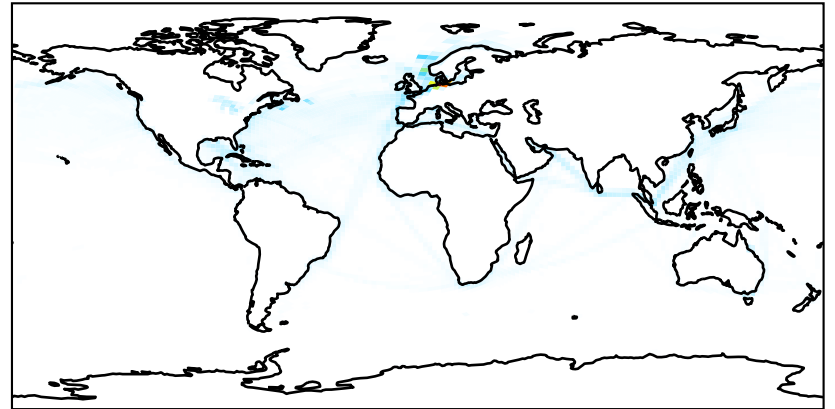


# EmisSOAP\_Ship (Apr2019)

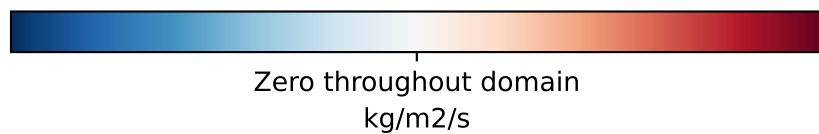
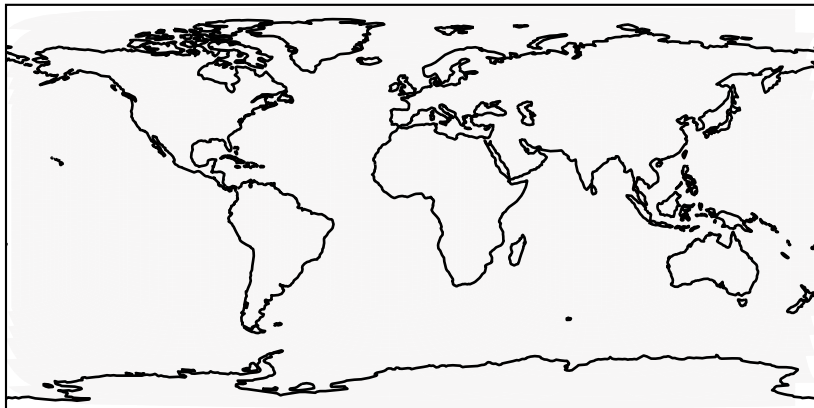
GCHP\_13.2.0 (Ref)  
c48



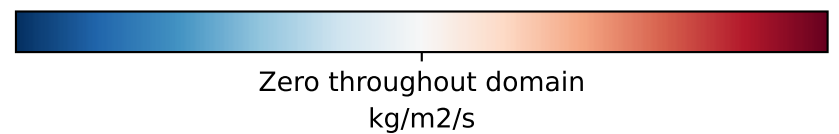
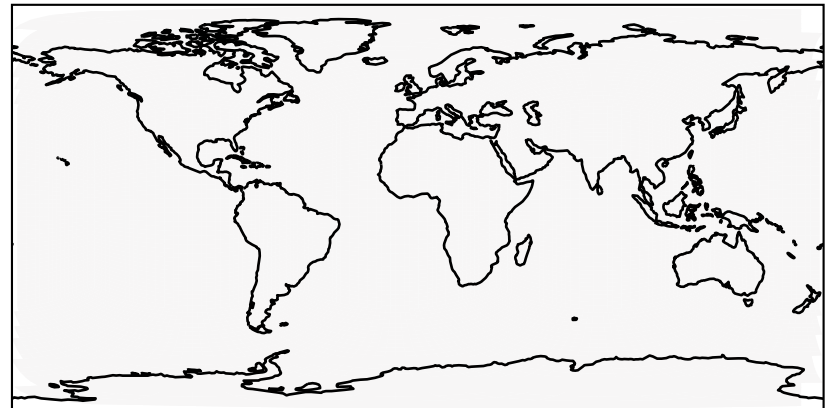
GCHP\_13.2.0-LuoWetdep (Dev)  
c48



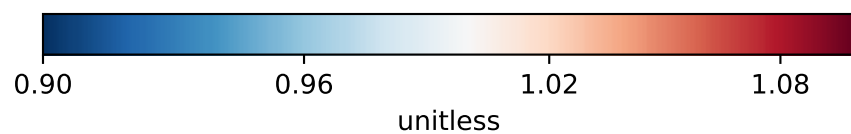
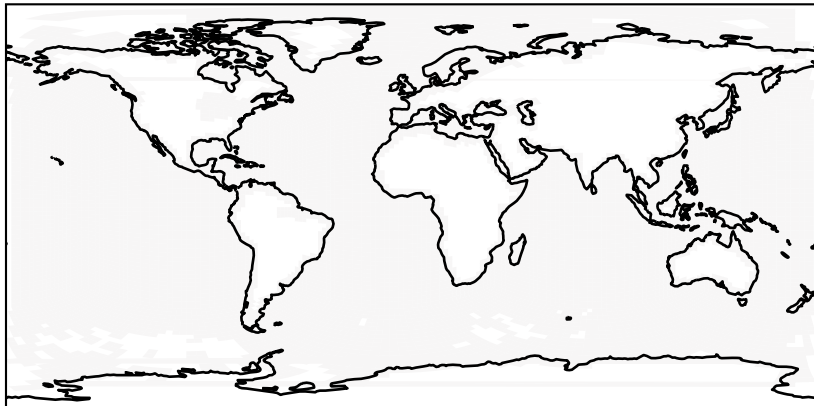
Difference  
Dev - Ref, Dynamic Range



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



Ratio  
Dev/Ref, Dynamic Range

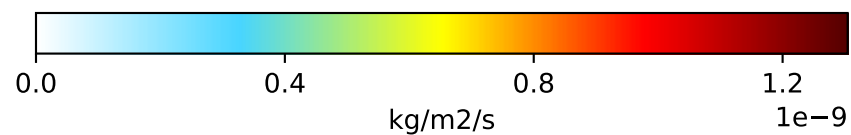


Ratio  
Dev/Ref, Fixed Range

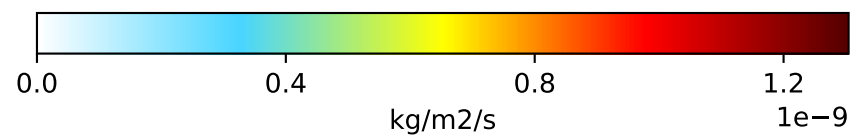


# EmisSOAP\_Total (Apr2019)

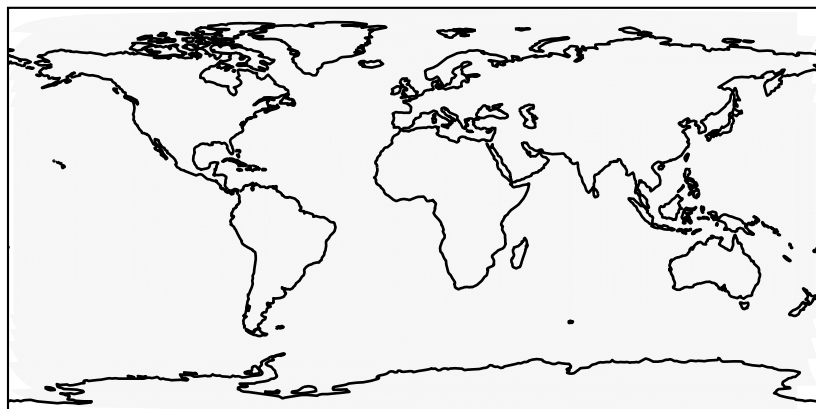
GCHP\_13.2.0 (Ref)  
c48



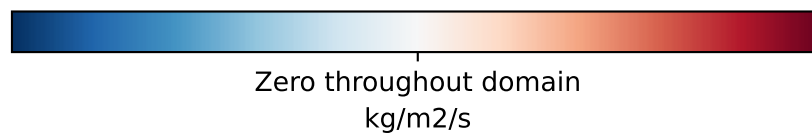
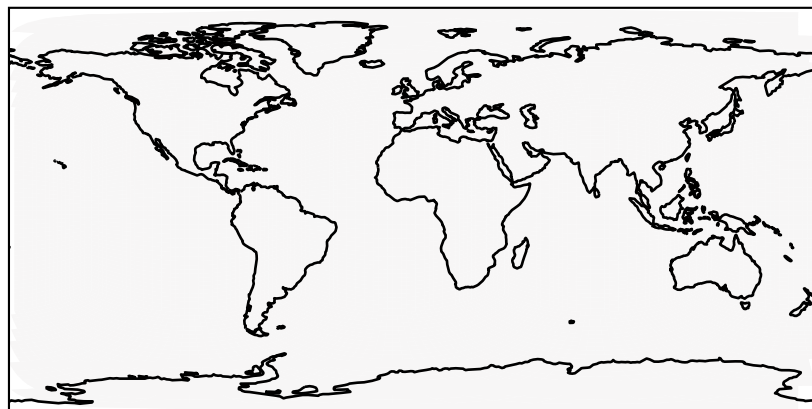
GCHP\_13.2.0-LuoWetdep (Dev)  
c48



Difference  
Dev - Ref, Dynamic Range



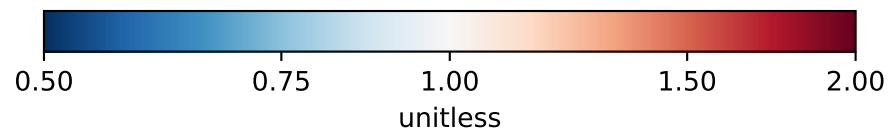
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

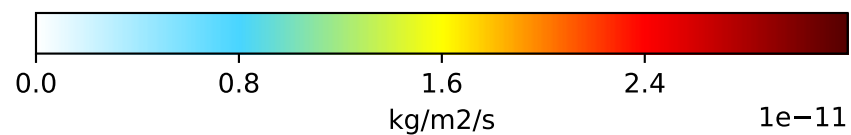
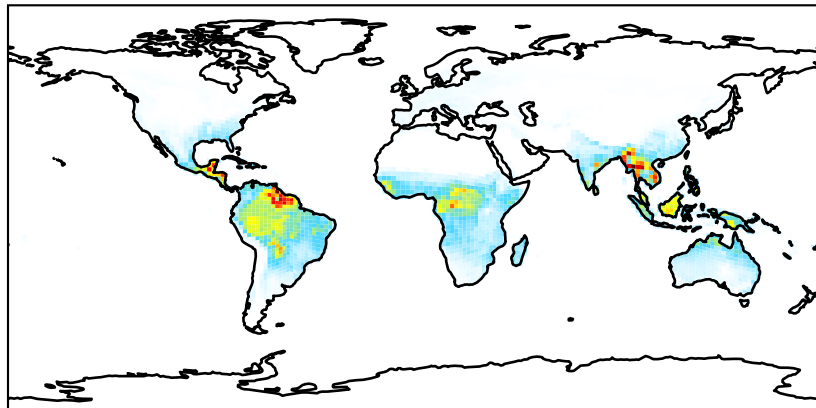


Ratio  
Dev/Ref, Fixed Range

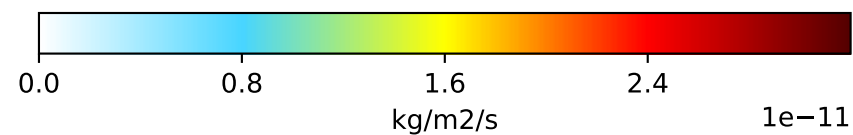
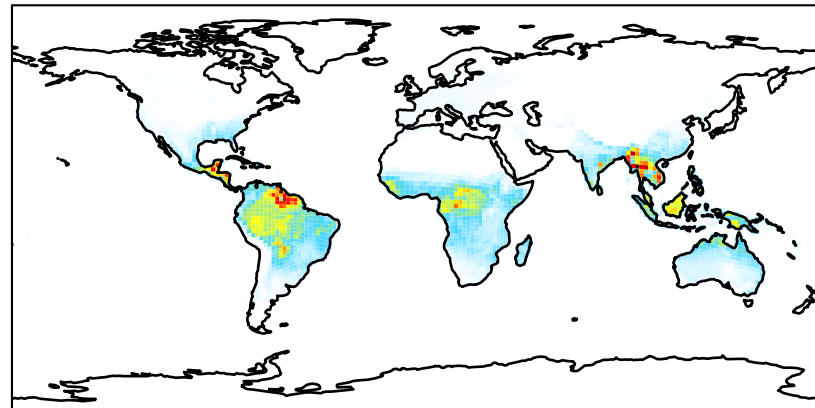


# EmisSOAS\_Biogenic (Apr2019)

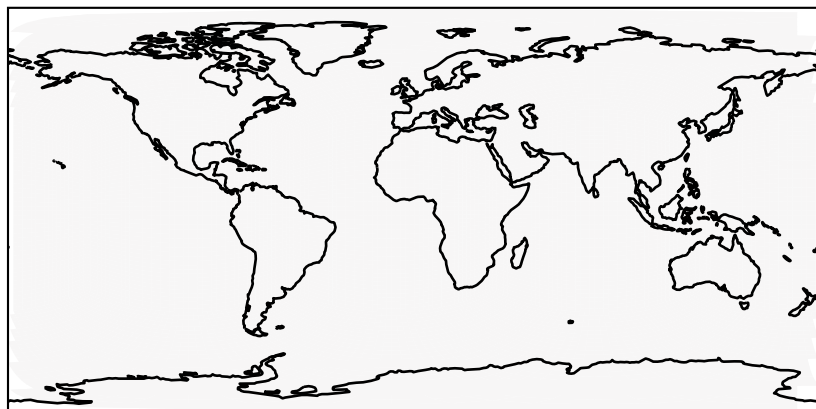
GCHP\_13.2.0 (Ref)  
c48



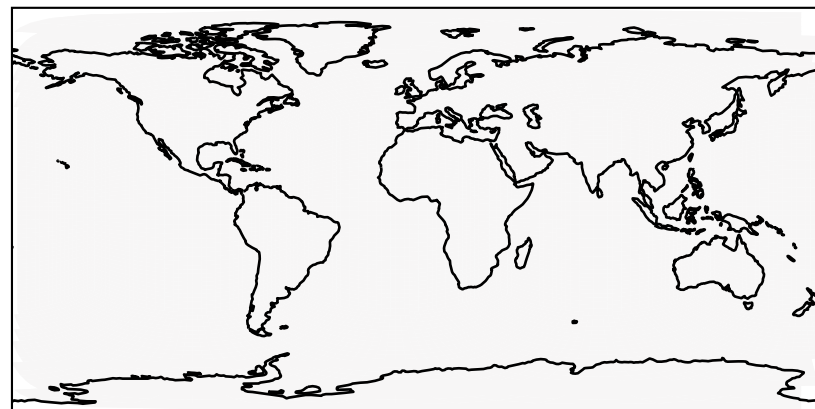
GCHP\_13.2.0-LuoWetdep (Dev)  
c48



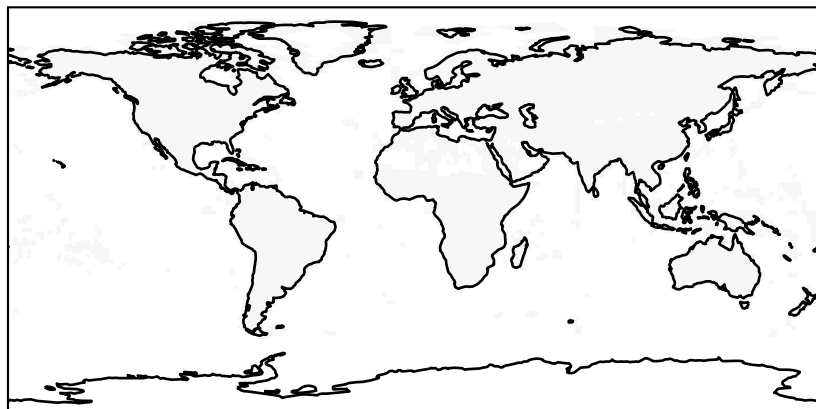
Difference  
Dev - Ref, Dynamic Range



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



Ratio  
Dev/Ref, Dynamic Range



Ratio  
Dev/Ref, Fixed Range

