

# EmisALD2\_Ship

GC\_12.4.0 (Ref)  
4x5



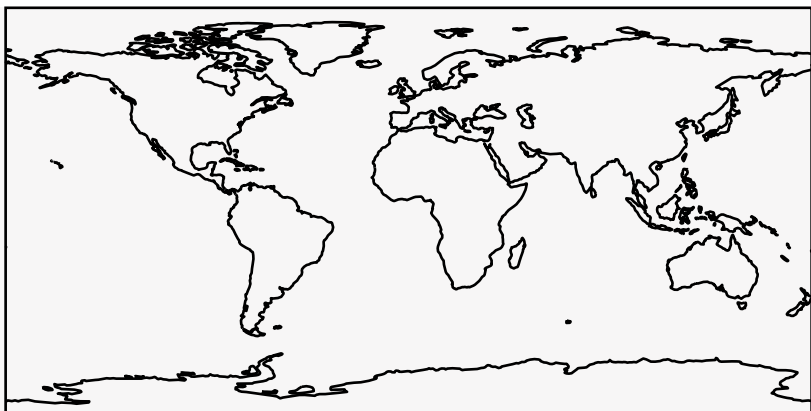
Zero throughout domain  
kg/m2/s

GC\_12.6.0 (Dev)  
4x5



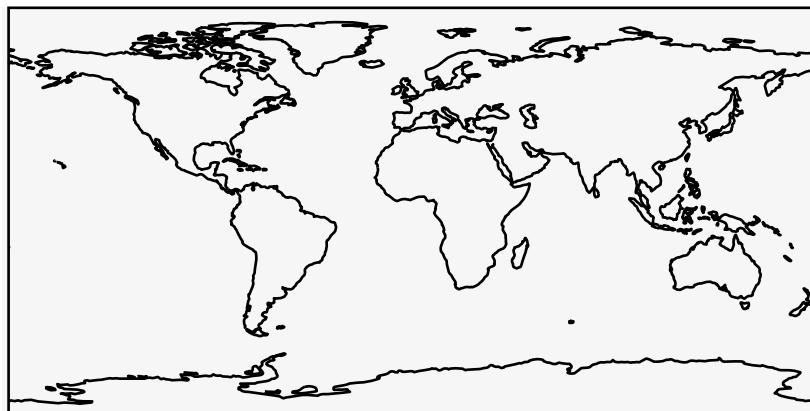
Zero throughout domain  
kg/m2/s

Difference  
Dev - Ref, Dynamic Range



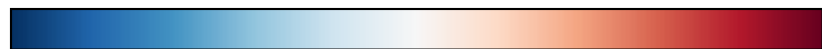
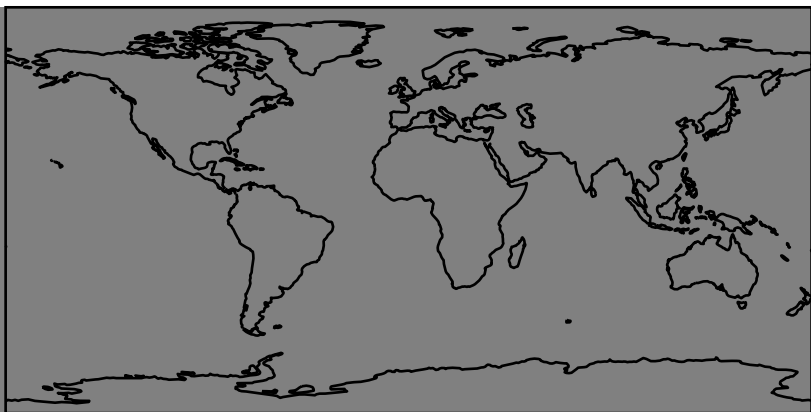
Zero throughout domain  
kg/m2/s

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



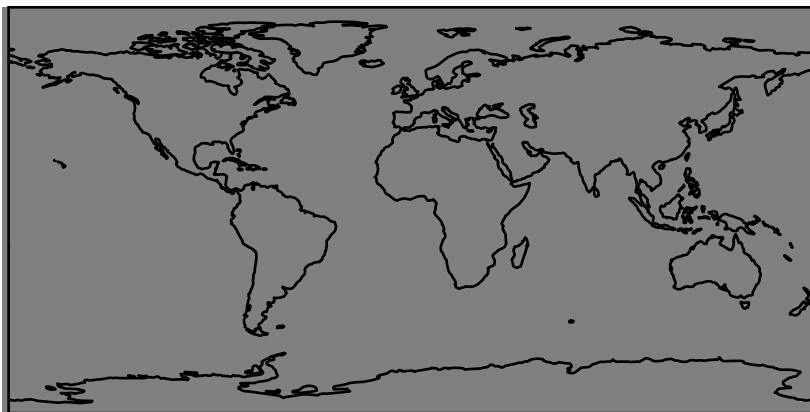
Zero throughout domain  
kg/m2/s

Fractional Difference  
(Dev-Ref)/Ref, Dynamic Range



Undefined throughout domain  
unitless

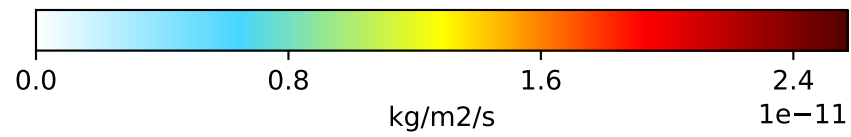
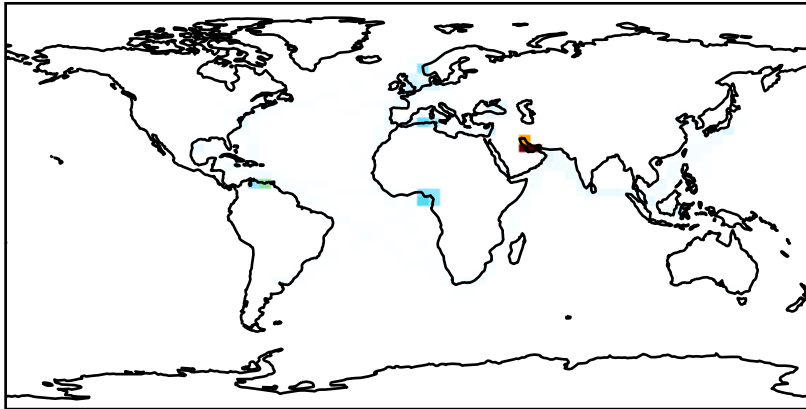
Fractional Difference  
(Dev-Ref)/Ref, Fixed Range



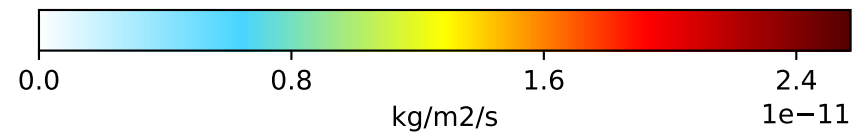
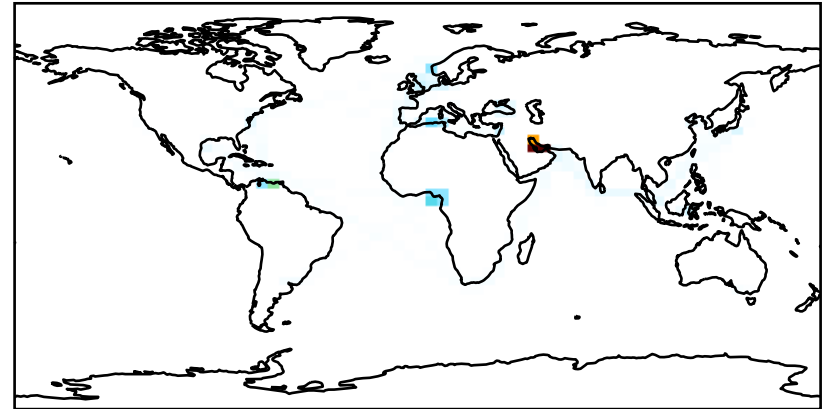
Undefined throughout domain  
unitless

# EmisALK4\_Ship

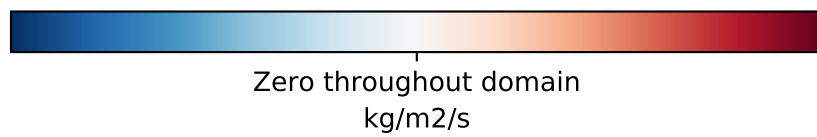
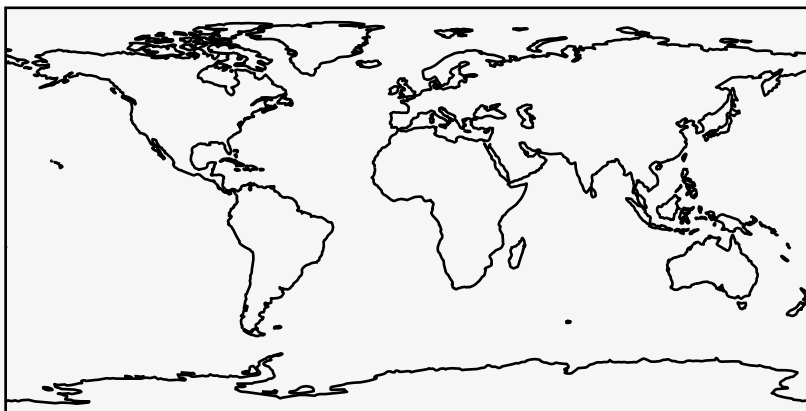
GC\_12.4.0 (Ref)  
4x5



GC\_12.6.0 (Dev)  
4x5



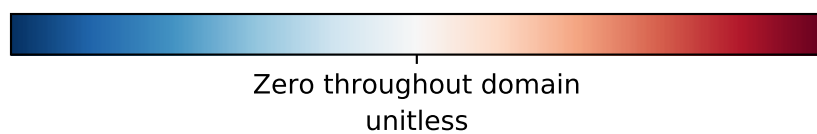
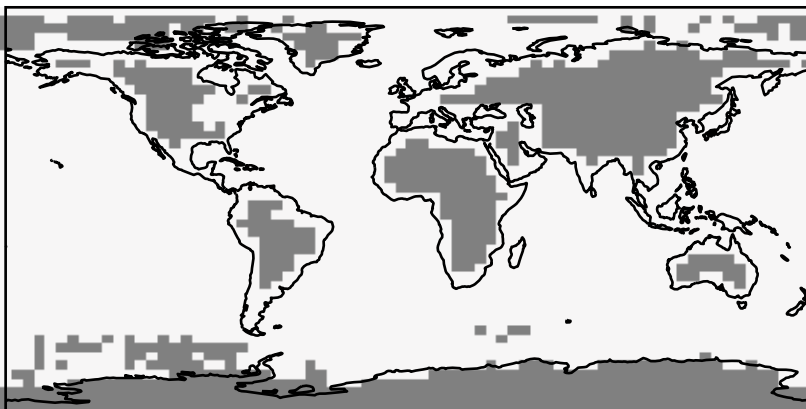
Difference  
Dev - Ref, Dynamic Range



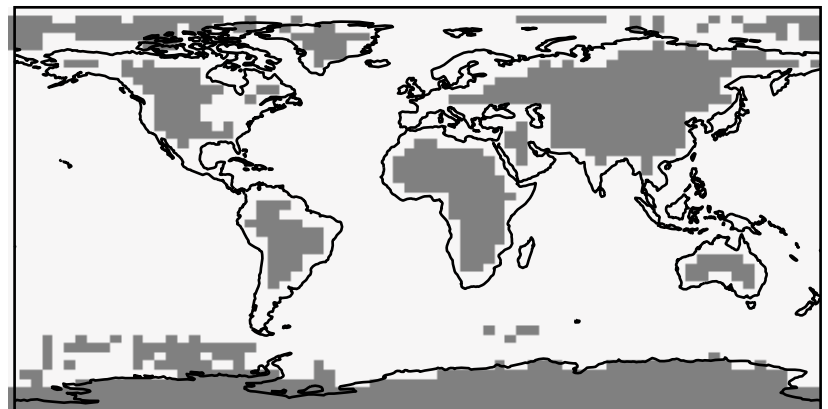
Difference  
Dev - Ref, Restricted Range [5%,95%]



Fractional Difference  
(Dev-Ref)/Ref, Dynamic Range

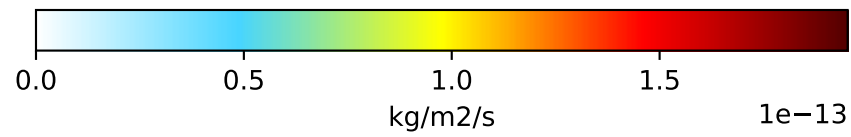
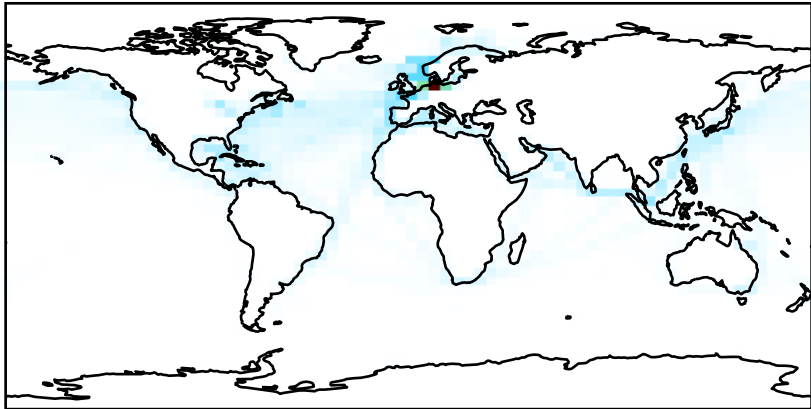


Fractional Difference  
(Dev-Ref)/Ref, Fixed Range

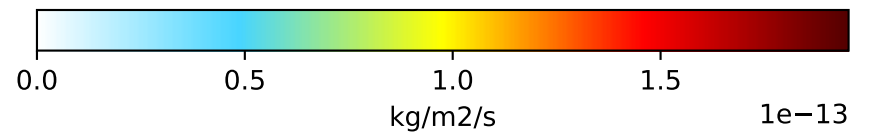
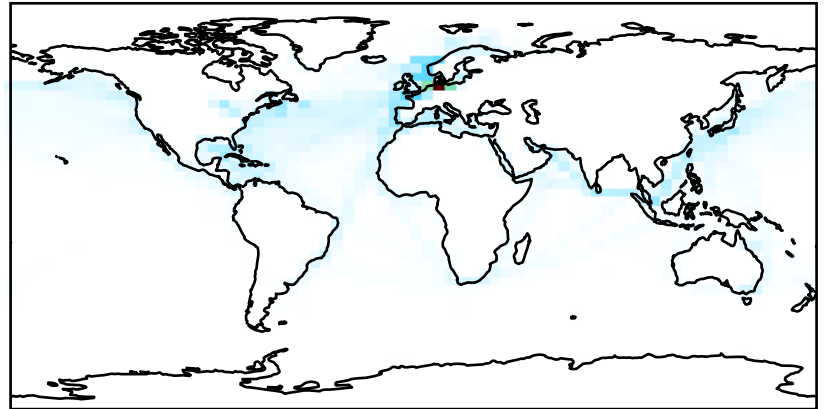


# EmisBCPI\_Ship

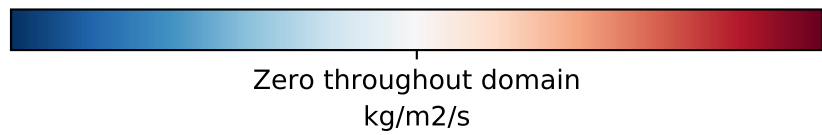
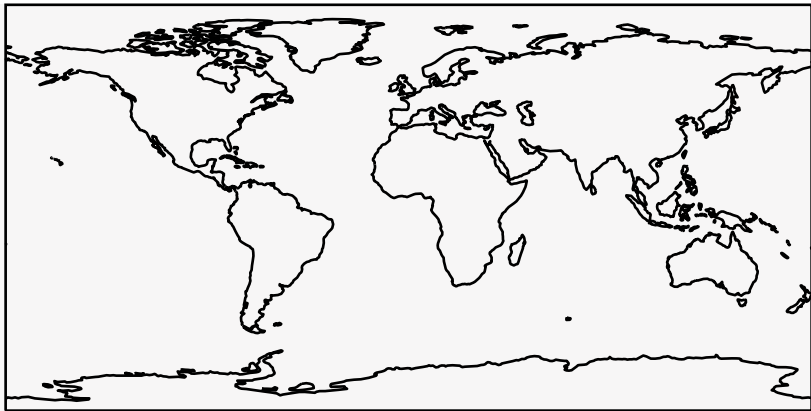
GC\_12.4.0 (Ref)  
4x5



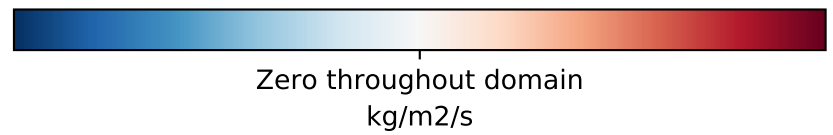
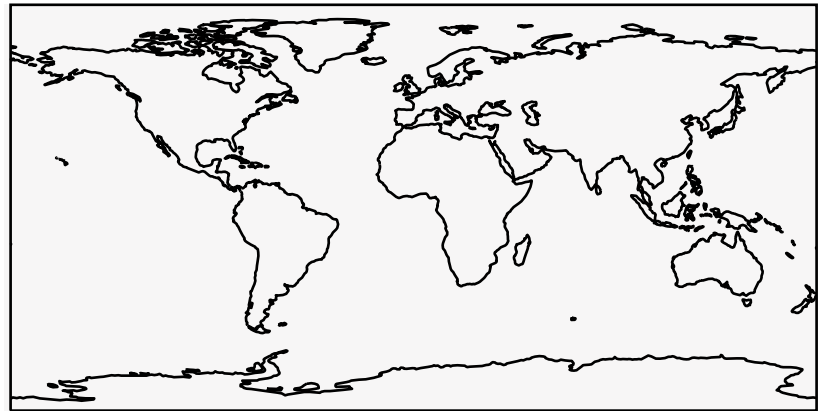
GC\_12.6.0 (Dev)  
4x5



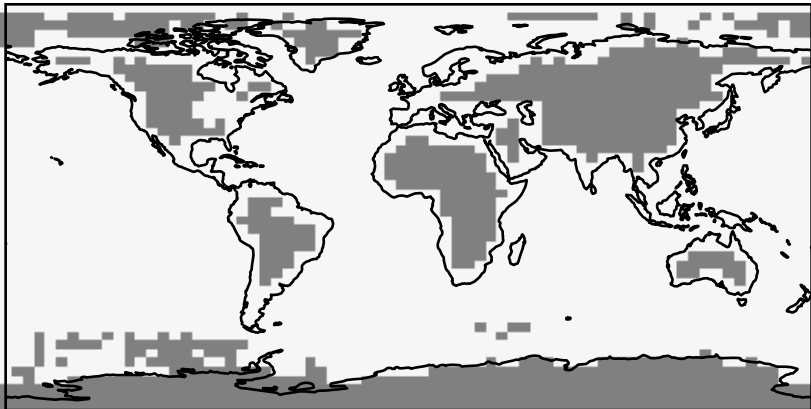
Difference  
Dev - Ref, Dynamic Range



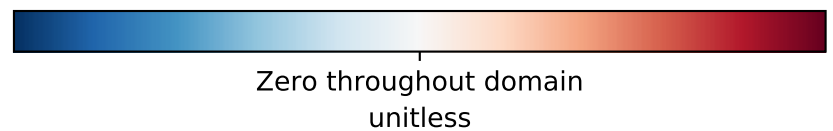
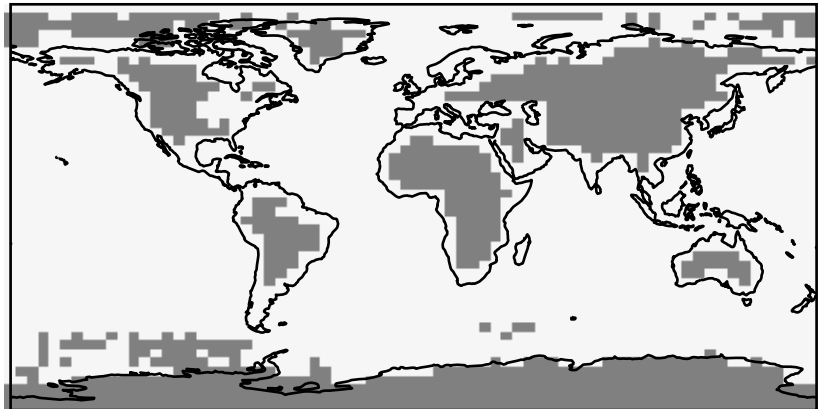
Difference  
Dev - Ref, Restricted Range [5%,95%]



Fractional Difference  
(Dev-Ref)/Ref, Dynamic Range

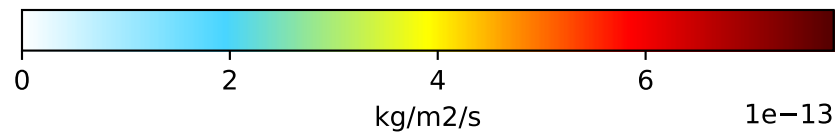
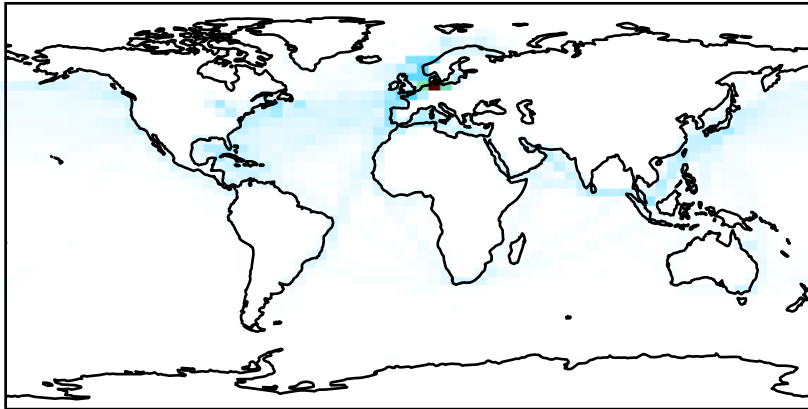


Fractional Difference  
(Dev-Ref)/Ref, Fixed Range

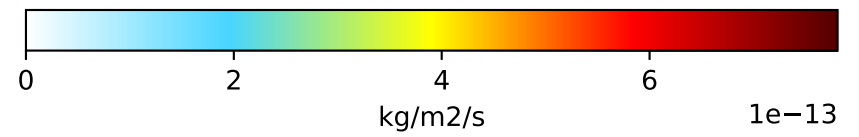
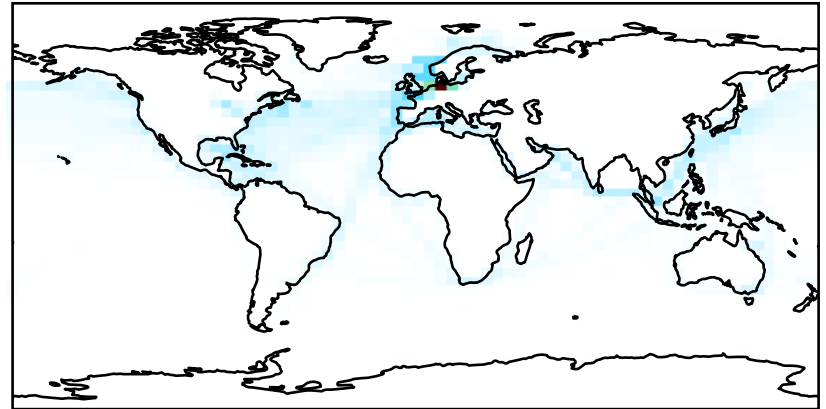


# EmisBCPO\_Ship

GC\_12.4.0 (Ref)  
4x5



GC\_12.6.0 (Dev)  
4x5



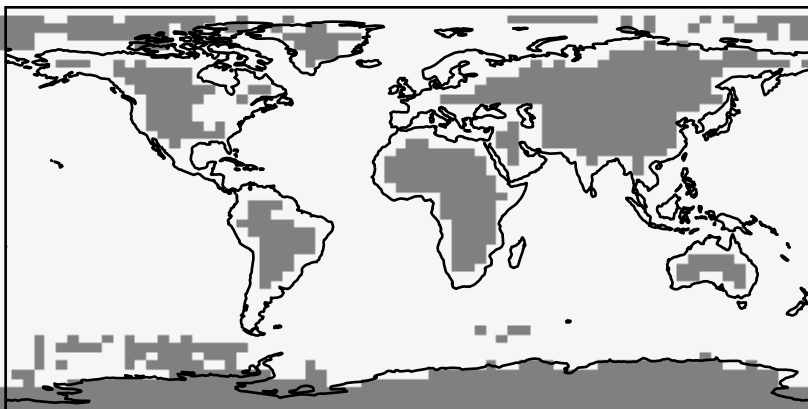
Difference  
Dev - Ref, Dynamic Range



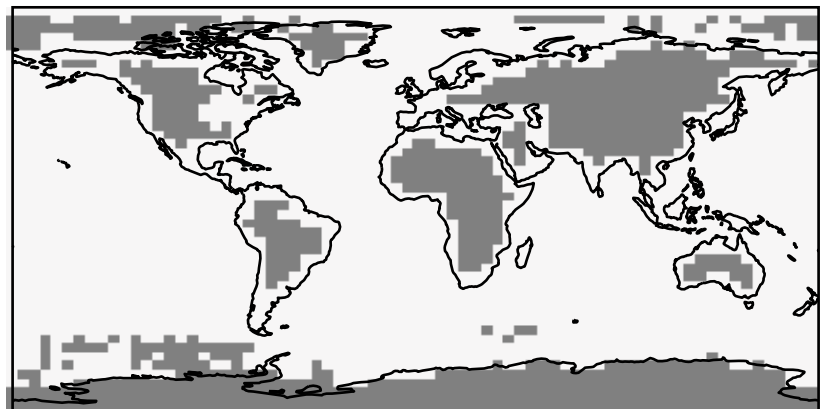
Difference  
Dev - Ref, Restricted Range [5%,95%]



Fractional Difference  
(Dev-Ref)/Ref, Dynamic Range

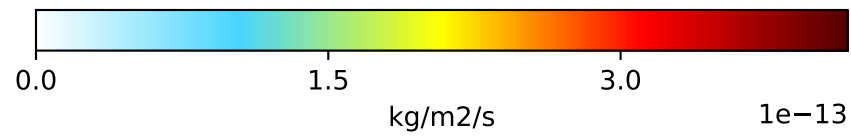
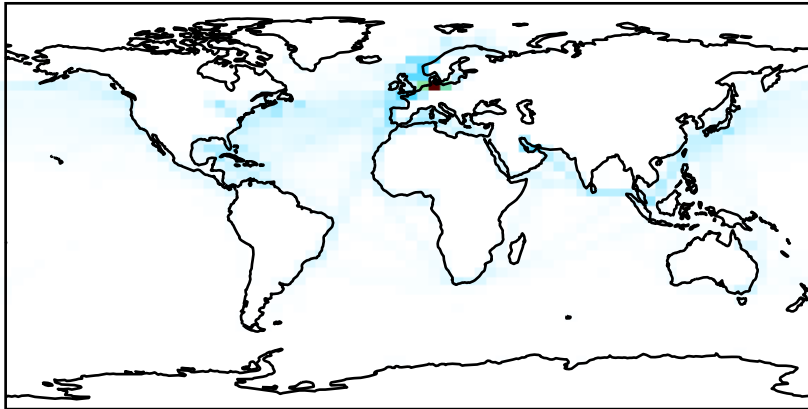


Fractional Difference  
(Dev-Ref)/Ref, Fixed Range

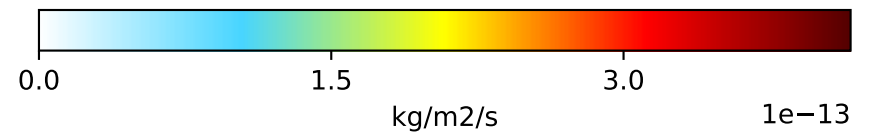
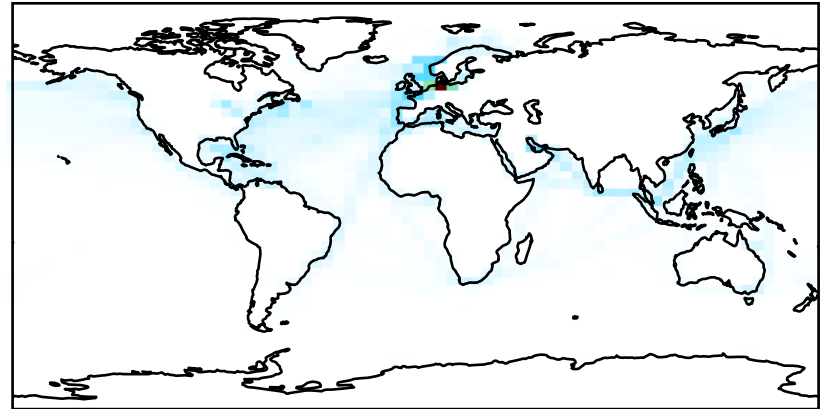


# EmisBENZ\_Ship

GC\_12.4.0 (Ref)  
4x5



GC\_12.6.0 (Dev)  
4x5



Difference  
Dev - Ref, Dynamic Range



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



Fractional Difference  
(Dev-Ref)/Ref, Dynamic Range

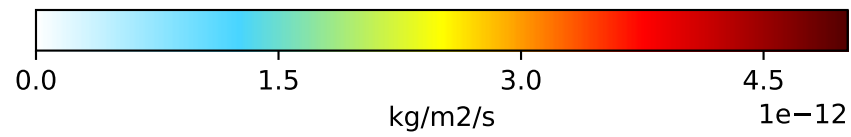
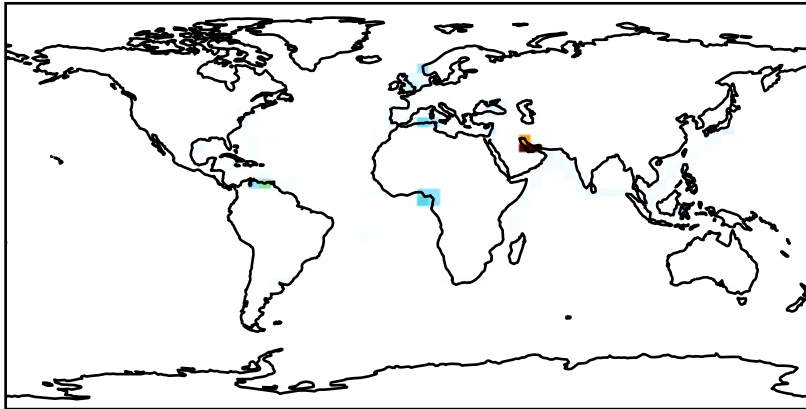


Fractional Difference  
(Dev-Ref)/Ref, Fixed Range

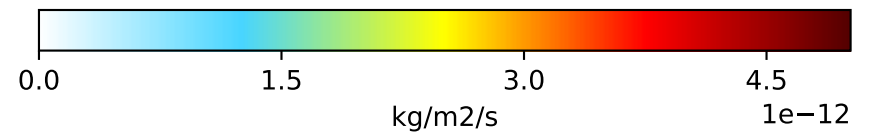
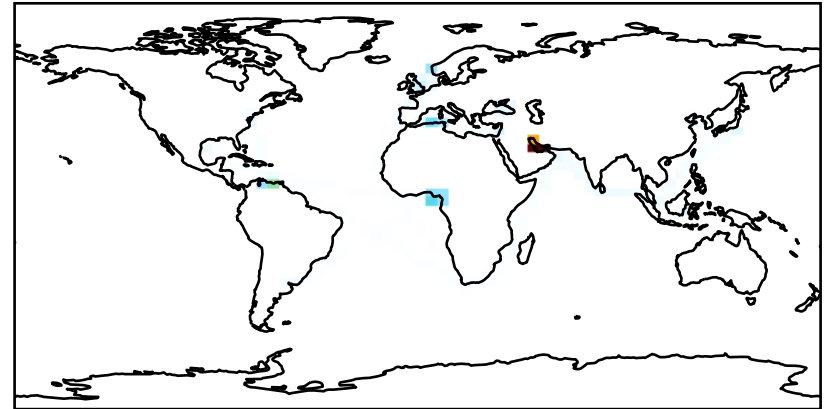


# EmisC2H6\_Ship

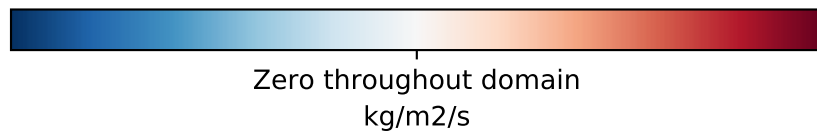
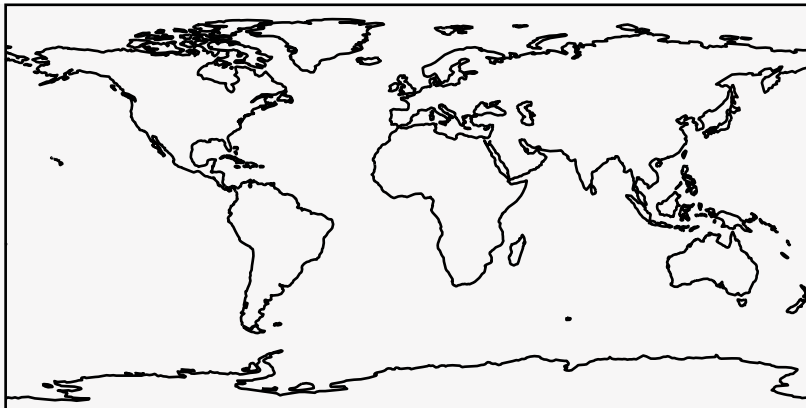
GC\_12.4.0 (Ref)  
4x5



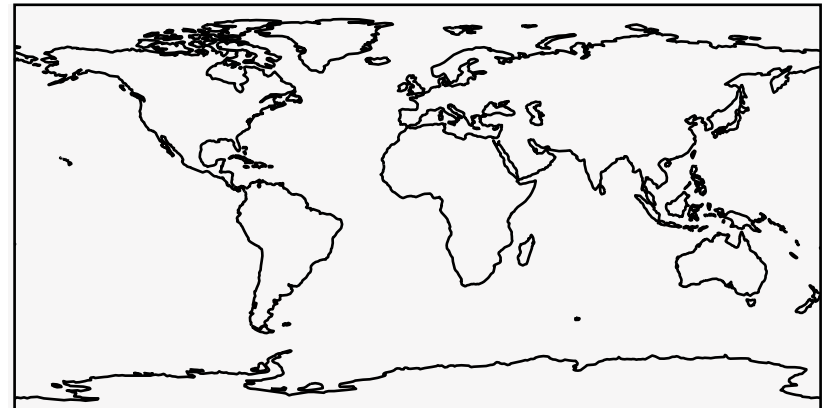
GC\_12.6.0 (Dev)  
4x5



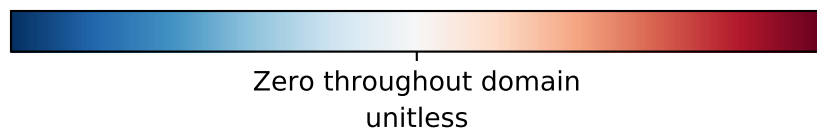
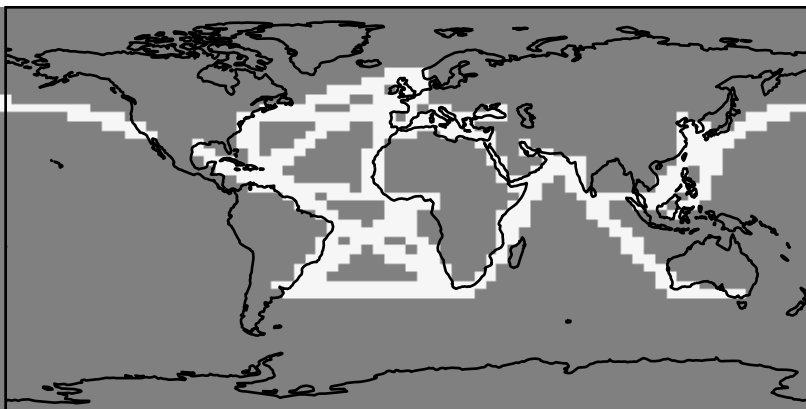
Difference  
Dev - Ref, Dynamic Range



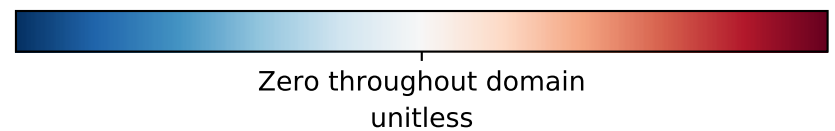
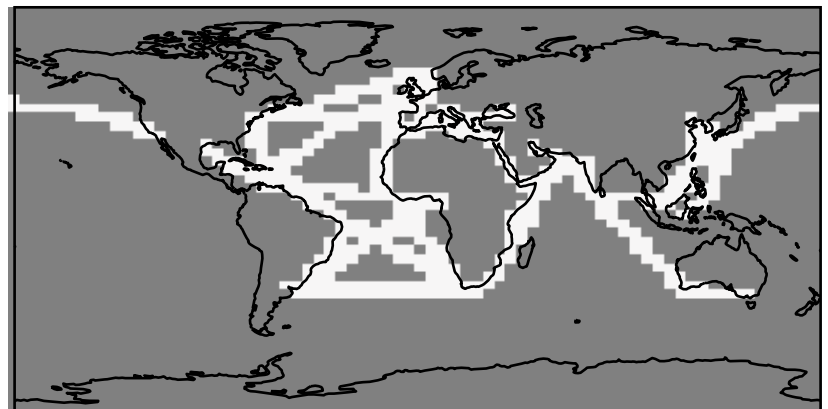
Difference  
Dev - Ref, Restricted Range [5%,95%]



Fractional Difference  
(Dev-Ref)/Ref, Dynamic Range



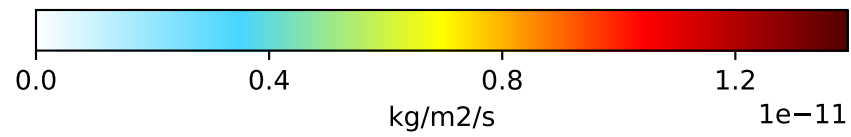
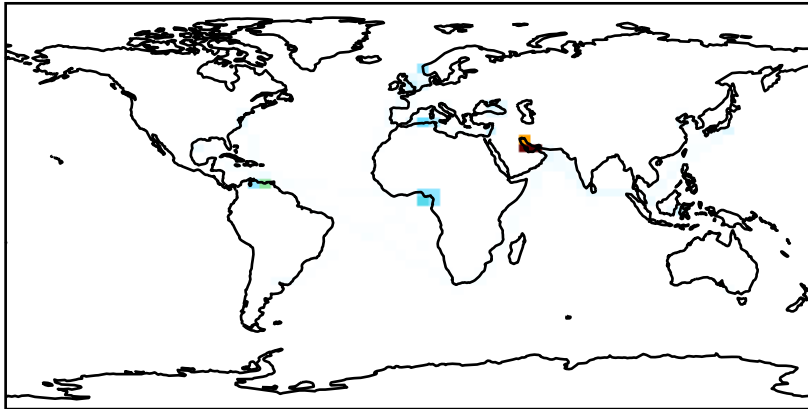
Fractional Difference  
(Dev-Ref)/Ref, Fixed Range



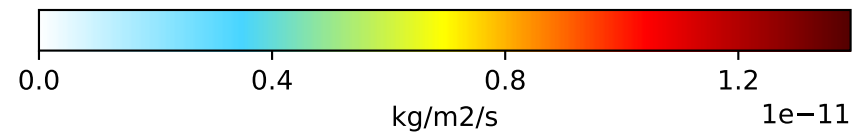
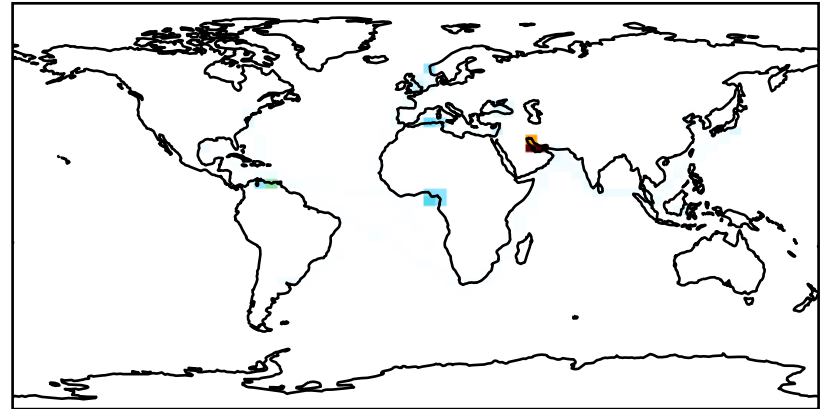


# EmisC3H8\_Ship

GC\_12.4.0 (Ref)  
4x5



GC\_12.6.0 (Dev)  
4x5



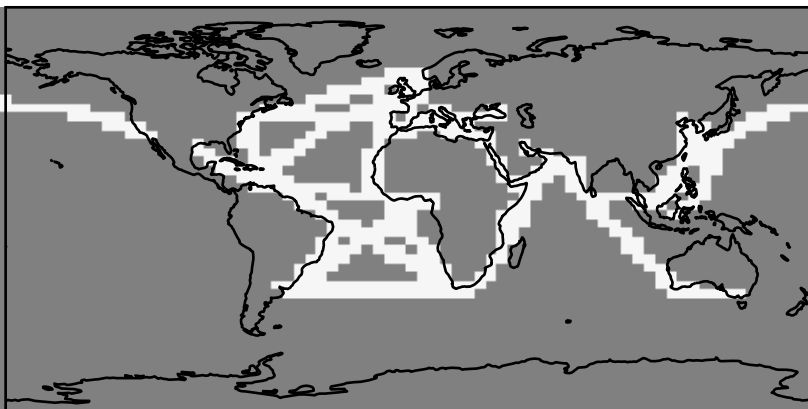
Difference  
Dev - Ref, Dynamic Range



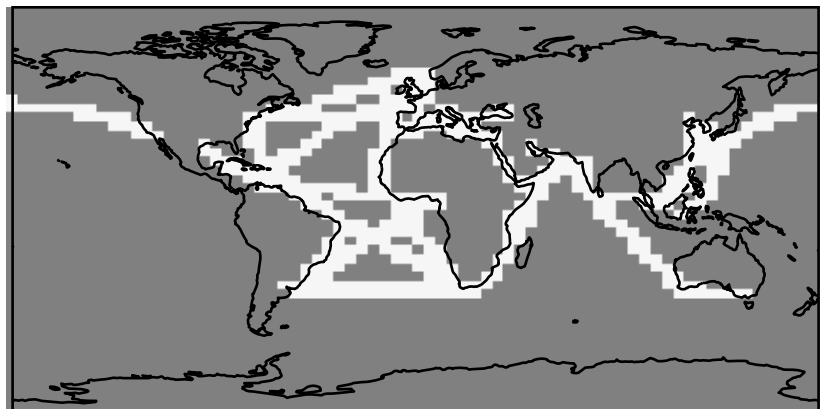
Difference  
Dev - Ref, Restricted Range [5%,95%]



Fractional Difference  
(Dev-Ref)/Ref, Dynamic Range



Fractional Difference  
(Dev-Ref)/Ref, Fixed Range



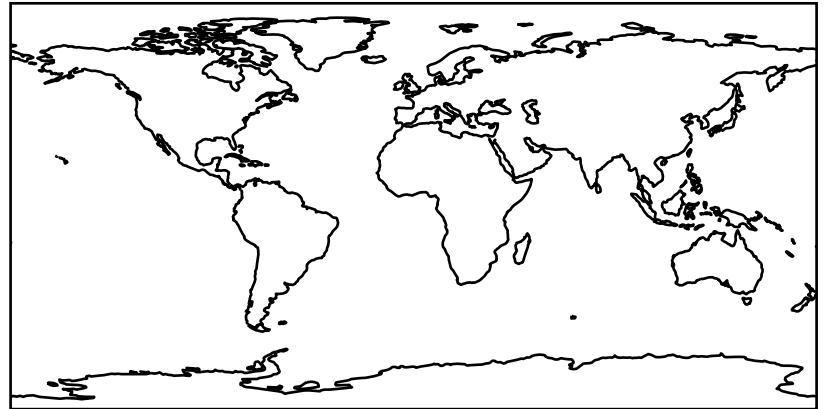
# EmisCH20\_Ship

GC\_12.4.0 (Ref)  
4x5



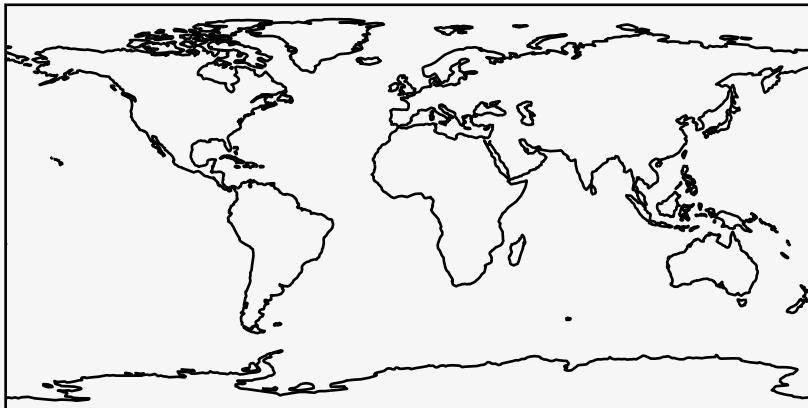
Zero throughout domain  
kg/m2/s

GC\_12.6.0 (Dev)  
4x5



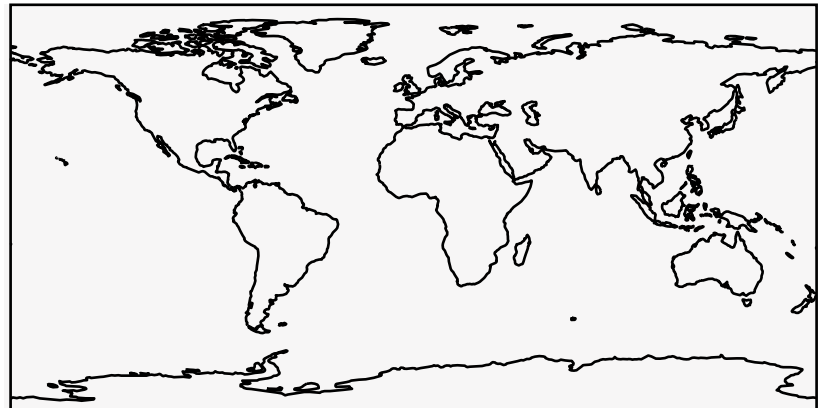
Zero throughout domain  
kg/m2/s

Difference  
Dev - Ref, Dynamic Range



Zero throughout domain  
kg/m2/s

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



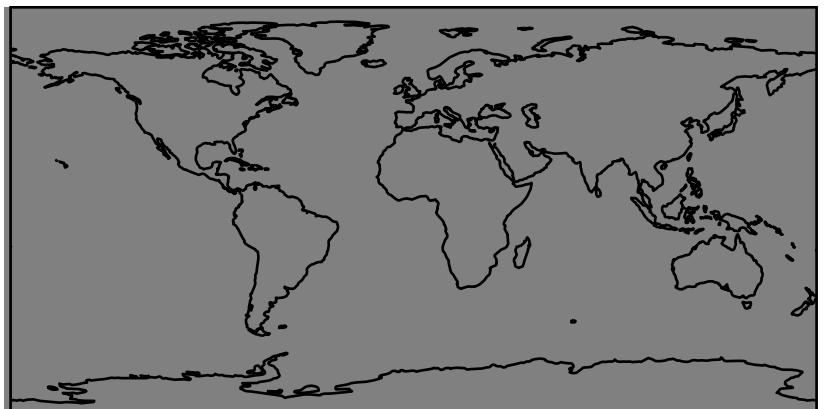
Zero throughout domain  
kg/m2/s

Fractional Difference  
(Dev-Ref)/Ref, Dynamic Range



Undefined throughout domain  
unitless

Fractional Difference  
(Dev-Ref)/Ref, Fixed Range



Undefined throughout domain  
unitless



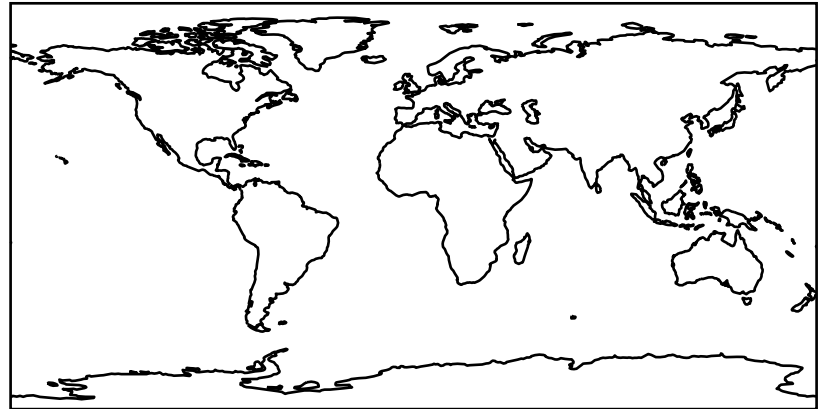
# EmisCH4\_Ship

GC\_12.4.0 (Ref)  
4x5



Zero throughout domain  
kg/m2/s

GC\_12.6.0 (Dev)  
4x5



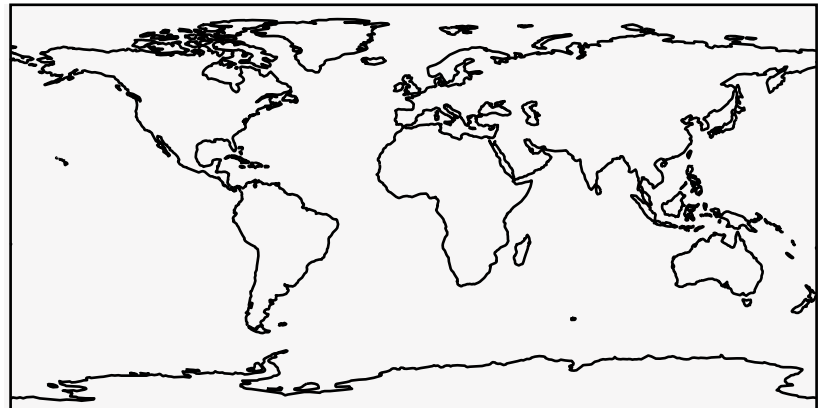
Zero throughout domain  
kg/m2/s

Difference  
Dev - Ref, Dynamic Range



Zero throughout domain  
kg/m2/s

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



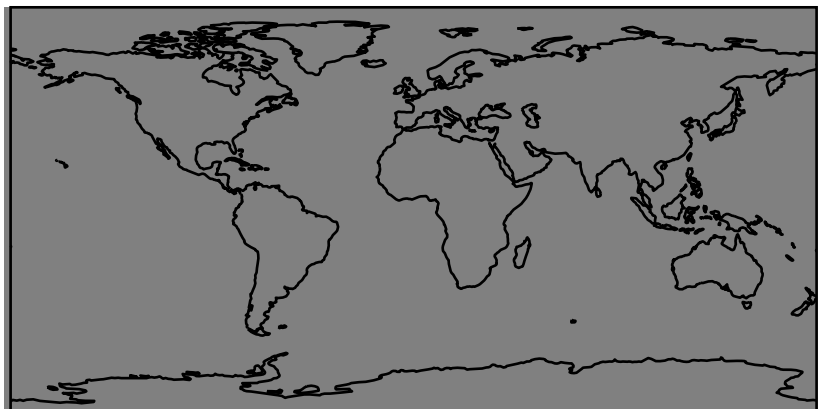
Zero throughout domain  
kg/m2/s

Fractional Difference  
(Dev-Ref)/Ref, Dynamic Range



Undefined throughout domain  
unitless

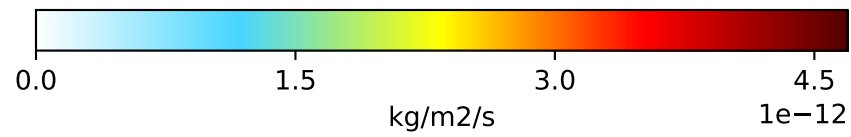
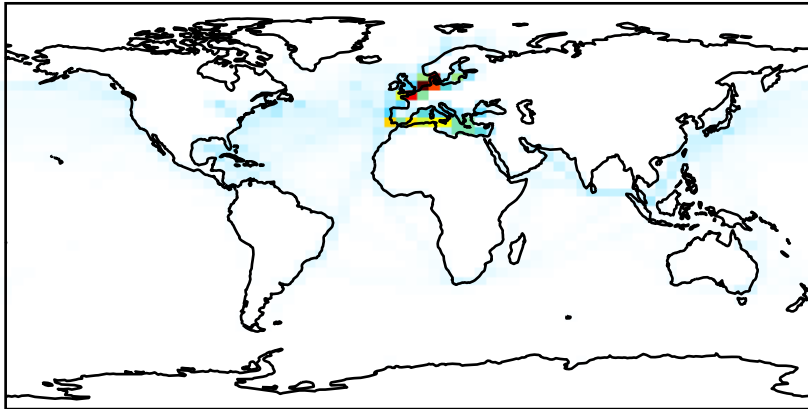
Fractional Difference  
(Dev-Ref)/Ref, Fixed Range



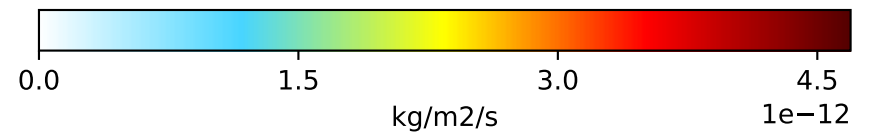
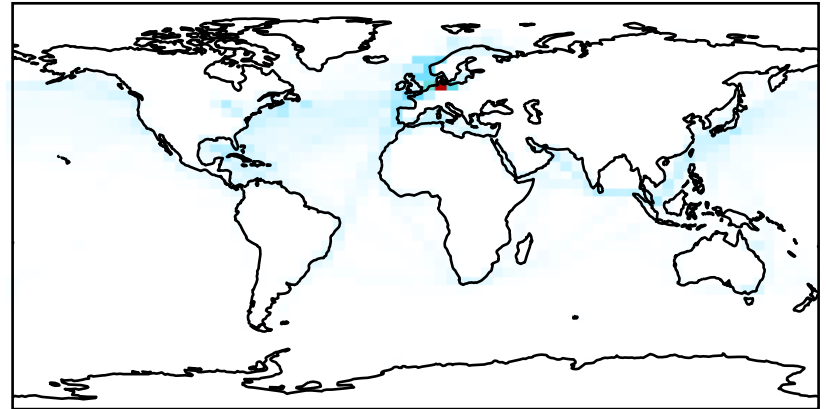
Undefined throughout domain  
unitless

# EmisCO\_Ship

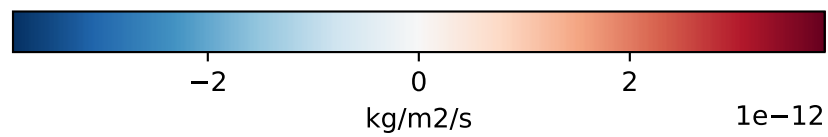
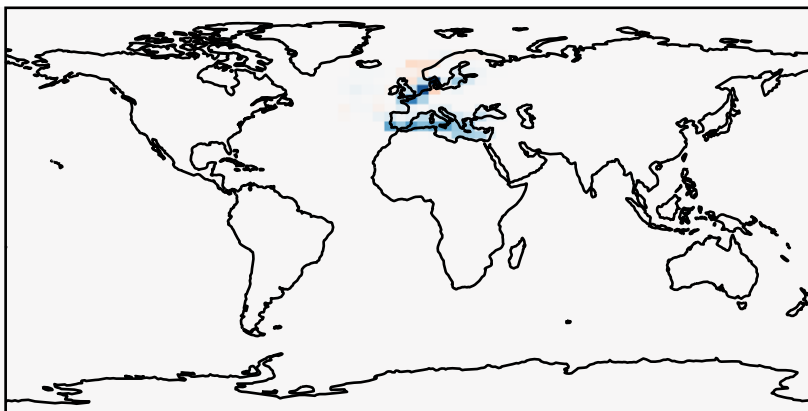
GC\_12.4.0 (Ref)  
4x5



GC\_12.6.0 (Dev)  
4x5



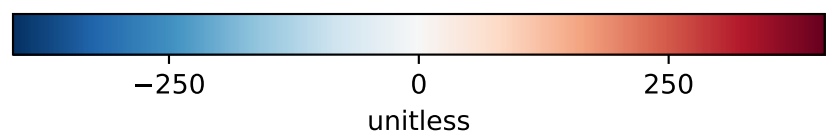
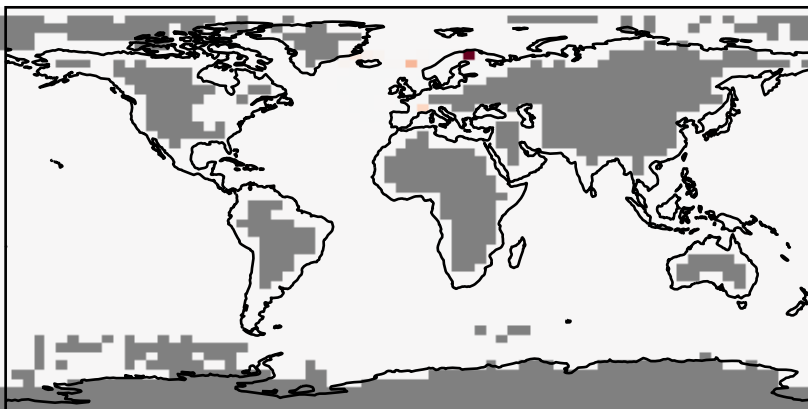
Difference  
Dev - Ref, Dynamic Range



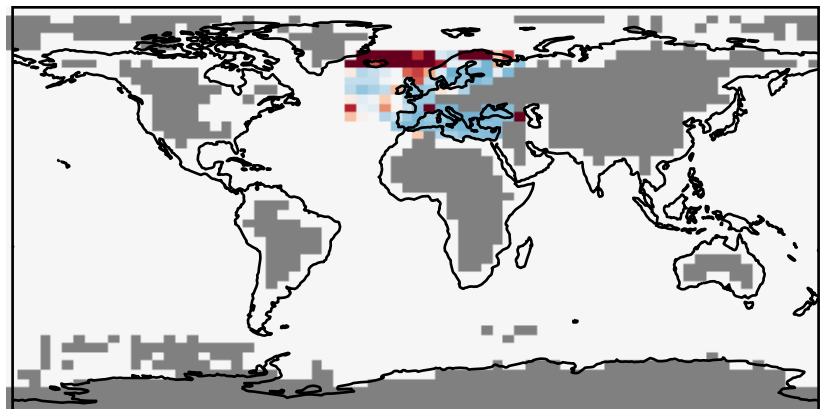
Difference  
Dev - Ref, Restricted Range [5%,95%]



Fractional Difference  
(Dev-Ref)/Ref, Dynamic Range

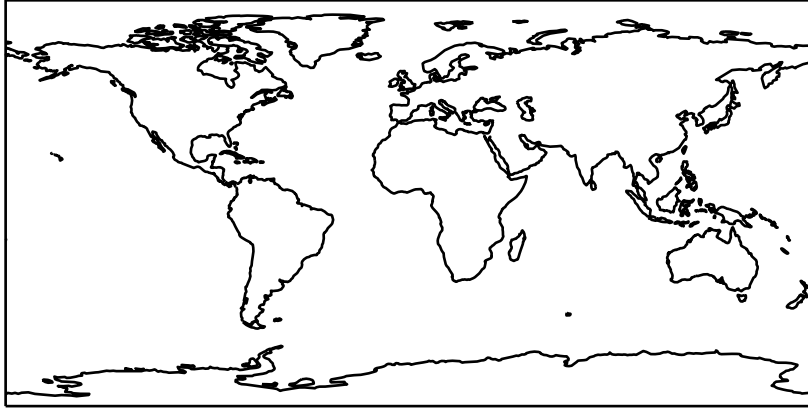


Fractional Difference  
(Dev-Ref)/Ref, Fixed Range



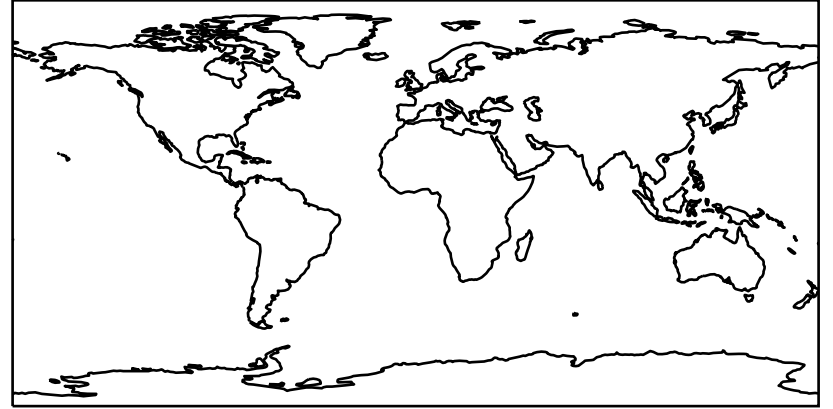
# EmisEOH\_Ship

GC\_12.4.0 (Ref)  
4x5



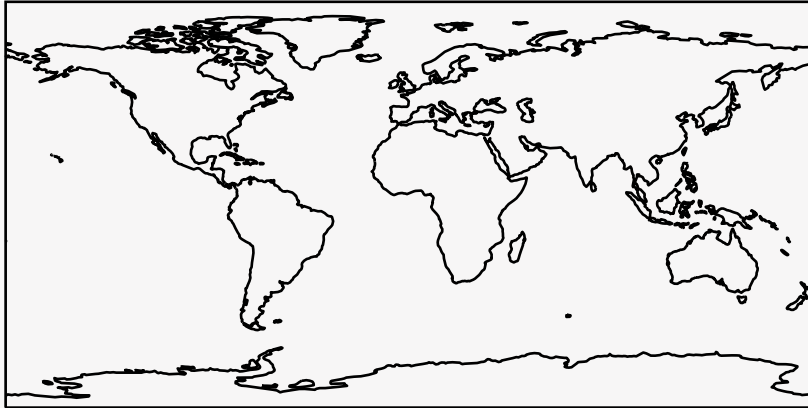
Zero throughout domain  
kg/m2/s

GC\_12.6.0 (Dev)  
4x5



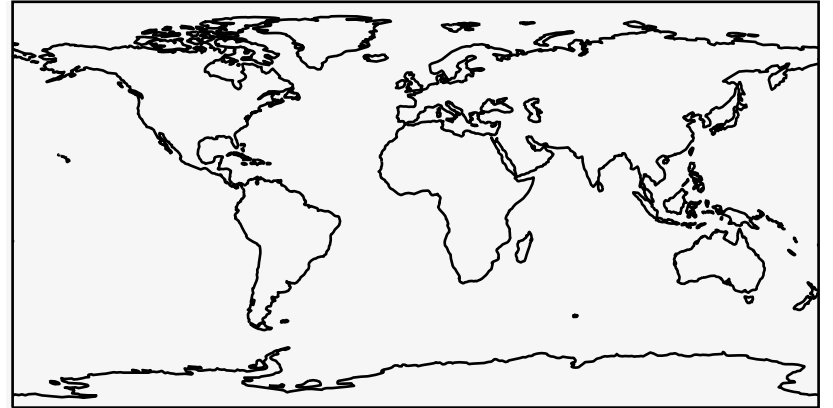
Zero throughout domain  
kg/m2/s

Difference  
Dev - Ref, Dynamic Range



Zero throughout domain  
kg/m2/s

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



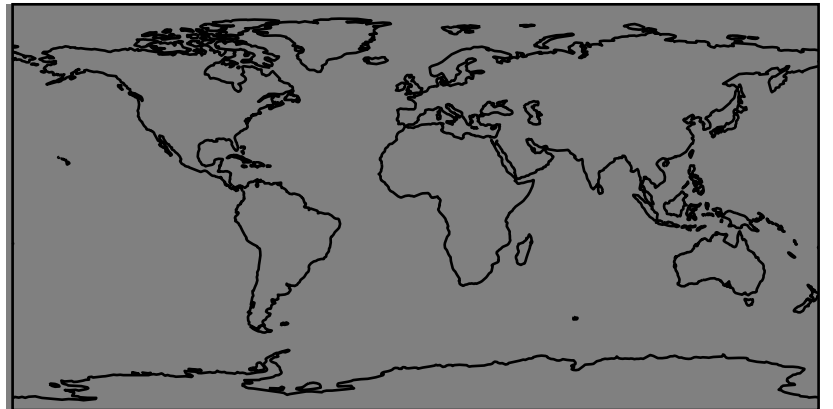
Zero throughout domain  
kg/m2/s

Fractional Difference  
(Dev-Ref)/Ref, Dynamic Range



Undefined throughout domain  
unitless

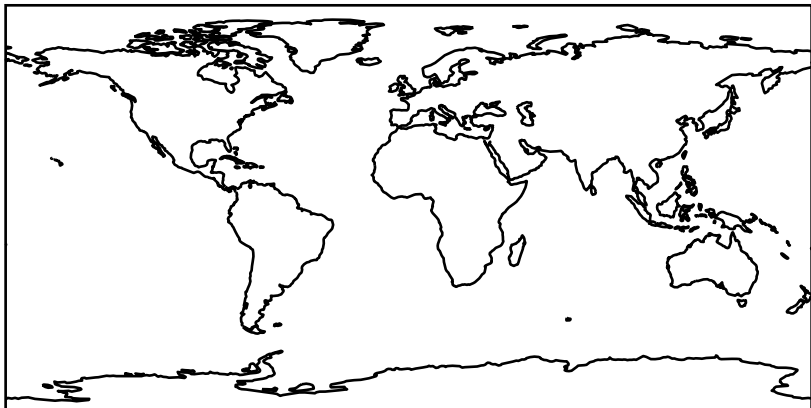
Fractional Difference  
(Dev-Ref)/Ref, Fixed Range



Undefined throughout domain  
unitless

# EmisHCOOH\_Ship

GC\_12.4.0 (Ref)  
4x5



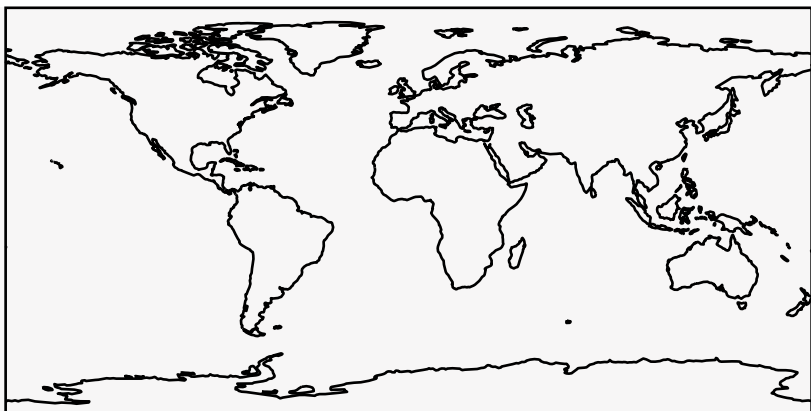
Zero throughout domain  
kg/m2/s

GC\_12.6.0 (Dev)  
4x5



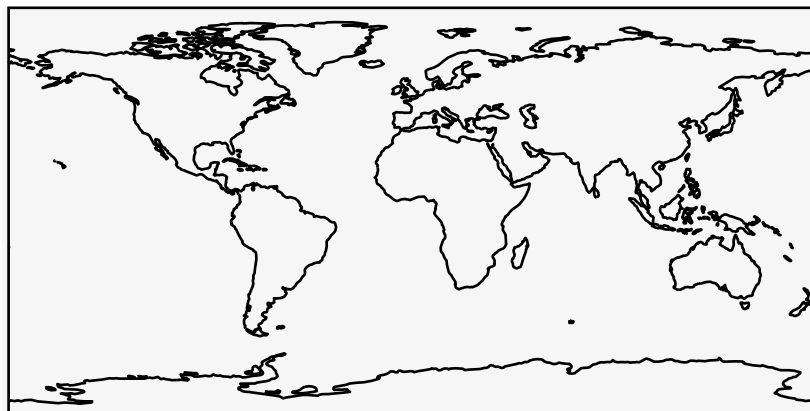
Zero throughout domain  
kg/m2/s

Difference  
Dev - Ref, Dynamic Range



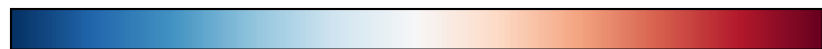
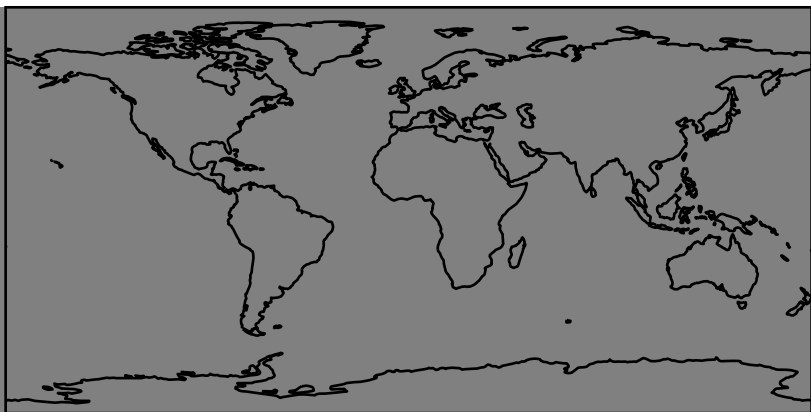
Zero throughout domain  
kg/m2/s

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



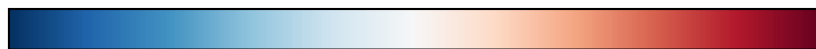
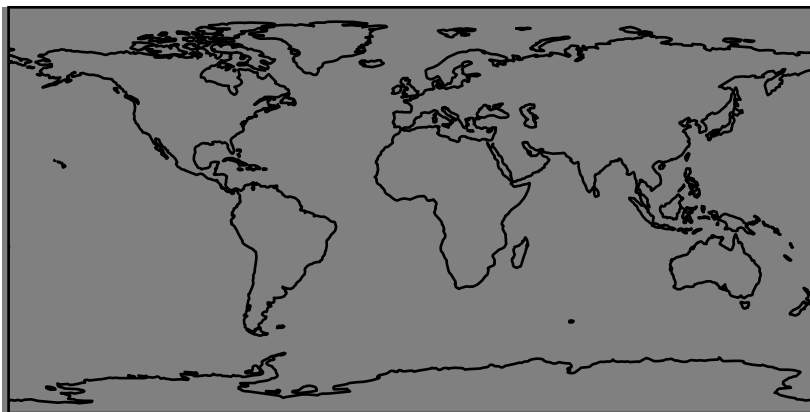
Zero throughout domain  
kg/m2/s

Fractional Difference  
(Dev-Ref)/Ref, Dynamic Range



Undefined throughout domain  
unitless

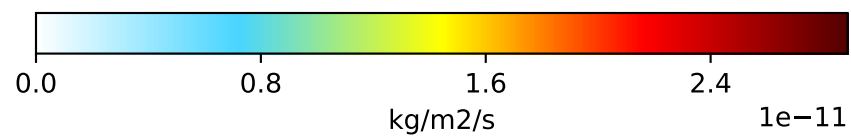
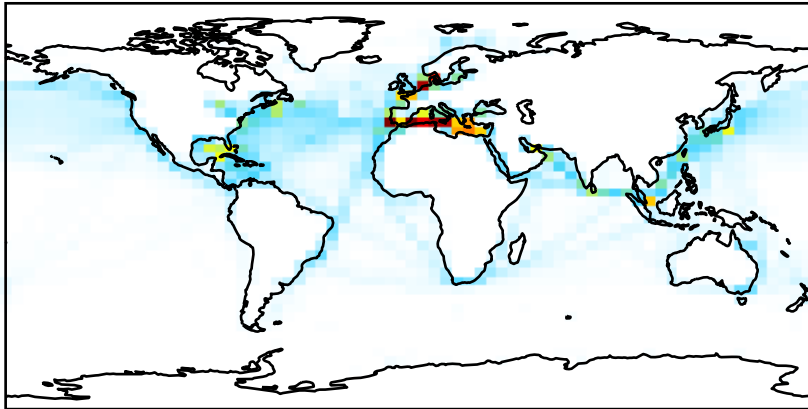
Fractional Difference  
(Dev-Ref)/Ref, Fixed Range



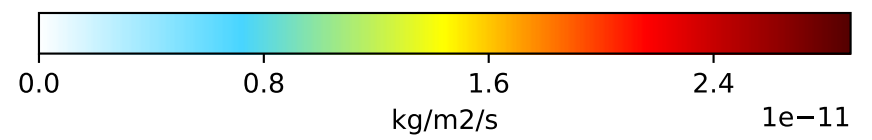
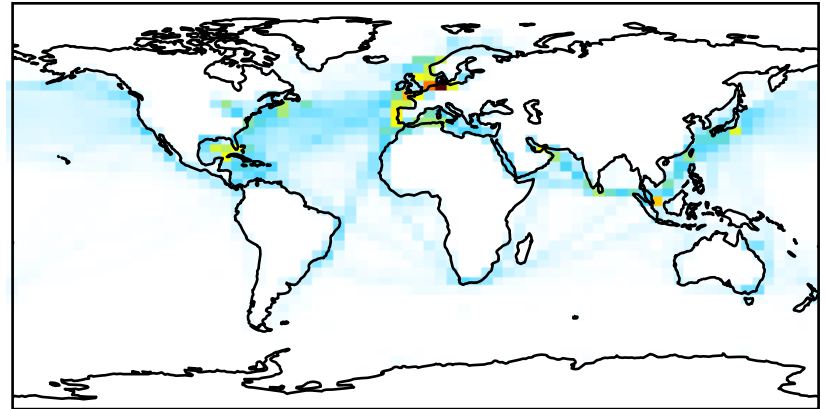
Undefined throughout domain  
unitless

# EmisHNO3\_Ship

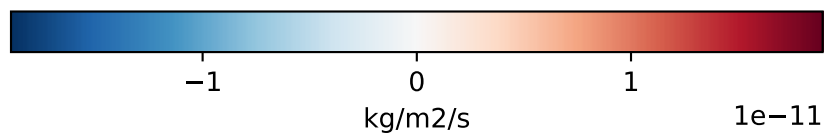
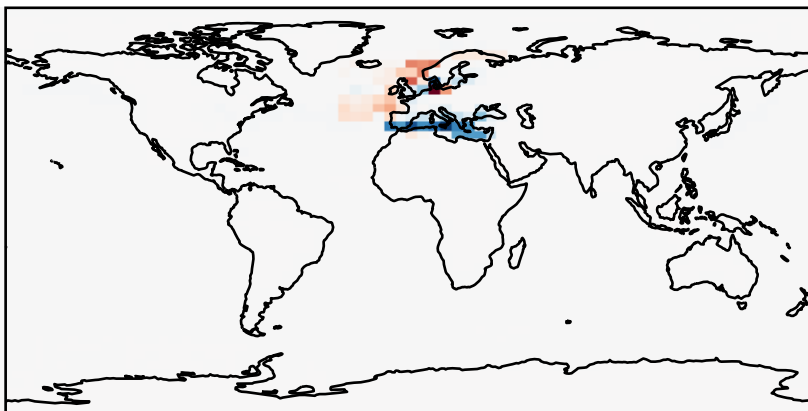
GC\_12.4.0 (Ref)  
4x5



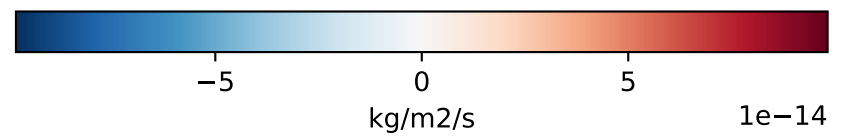
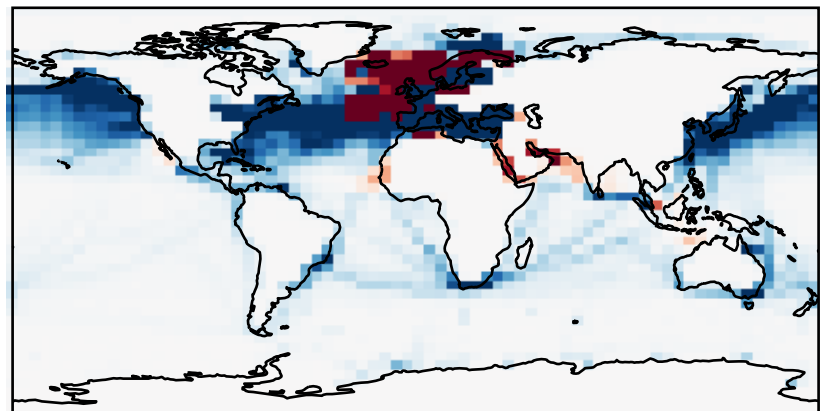
GC\_12.6.0 (Dev)  
4x5



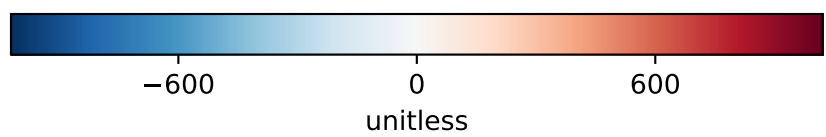
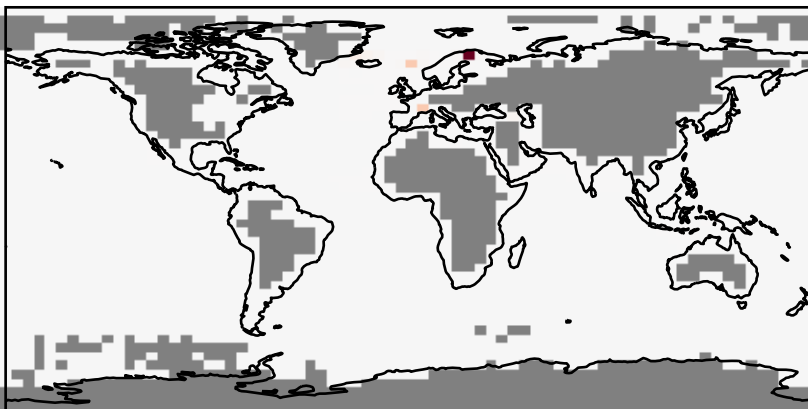
Difference  
Dev - Ref, Dynamic Range



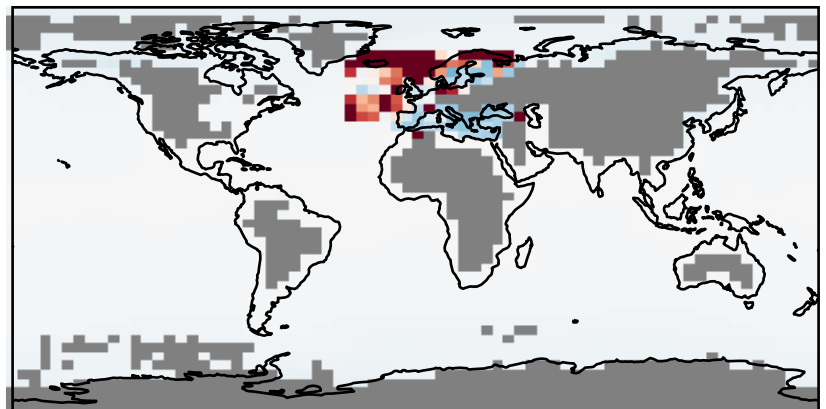
Difference  
Dev - Ref, Restricted Range [5%,95%]



Fractional Difference  
(Dev-Ref)/Ref, Dynamic Range

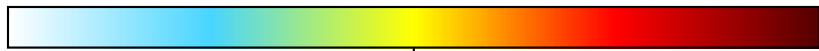
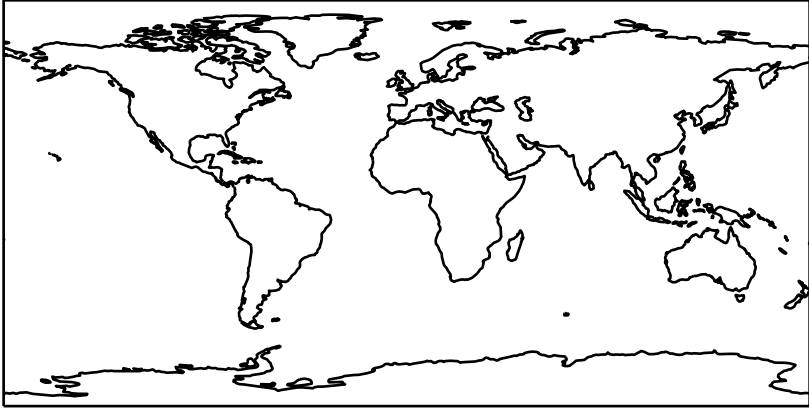


Fractional Difference  
(Dev-Ref)/Ref, Fixed Range



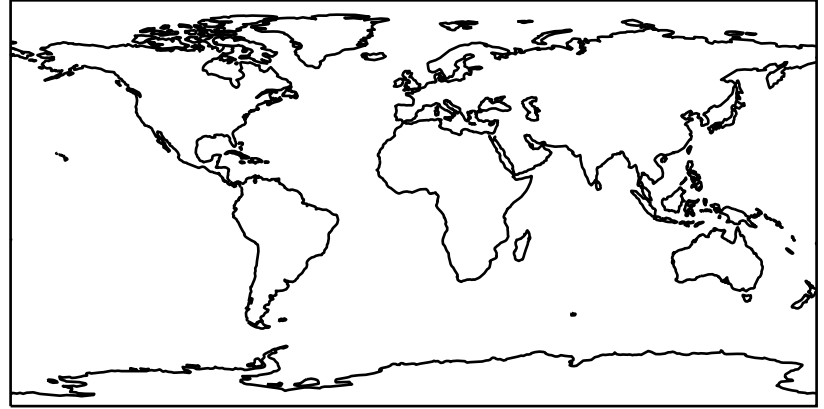
# EmisMEK\_Ship

GC\_12.4.0 (Ref)  
4x5



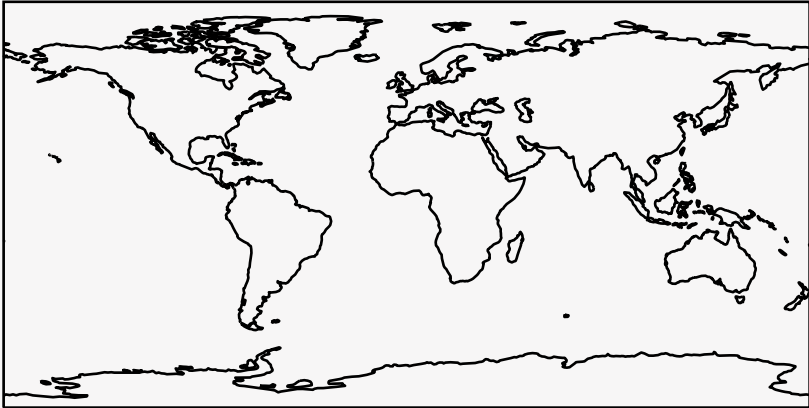
Zero throughout domain  
kg/m2/s

GC\_12.6.0 (Dev)  
4x5



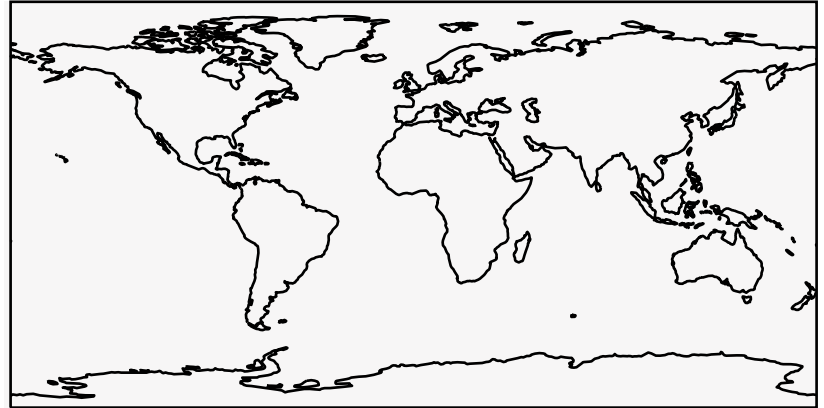
Zero throughout domain  
kg/m2/s

Difference  
Dev - Ref, Dynamic Range



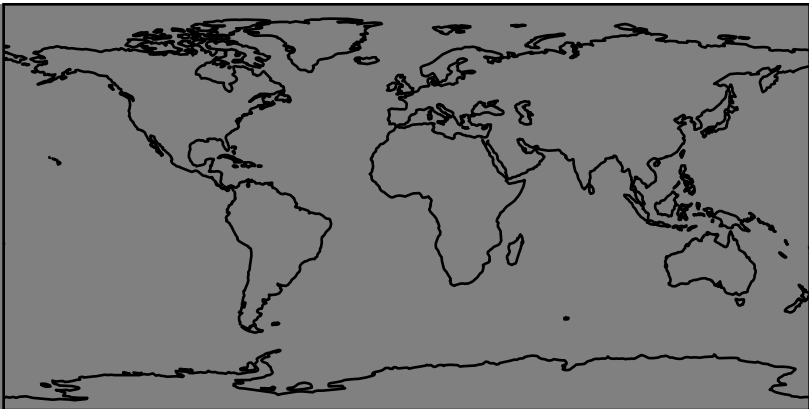
Zero throughout domain  
kg/m2/s

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



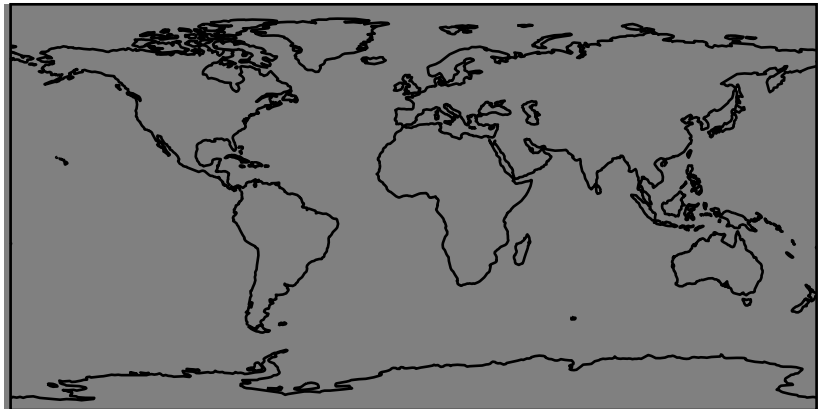
Zero throughout domain  
kg/m2/s

Fractional Difference  
(Dev-Ref)/Ref, Dynamic Range



Undefined throughout domain  
unitless

Fractional Difference  
(Dev-Ref)/Ref, Fixed Range

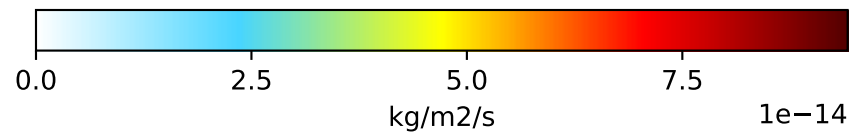
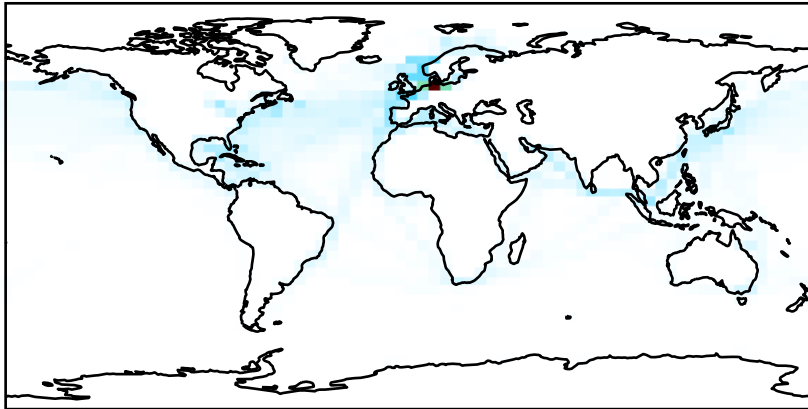


Undefined throughout domain  
unitless

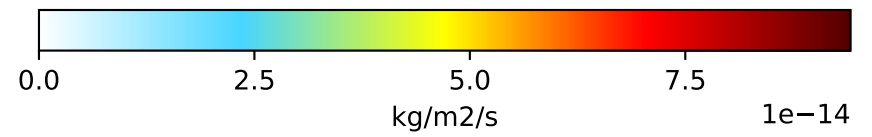
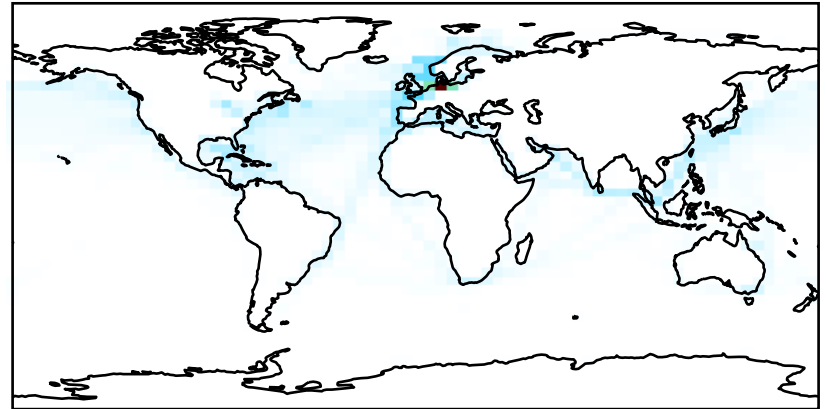


# EmisNH3\_Ship

GC\_12.4.0 (Ref)  
4x5



GC\_12.6.0 (Dev)  
4x5



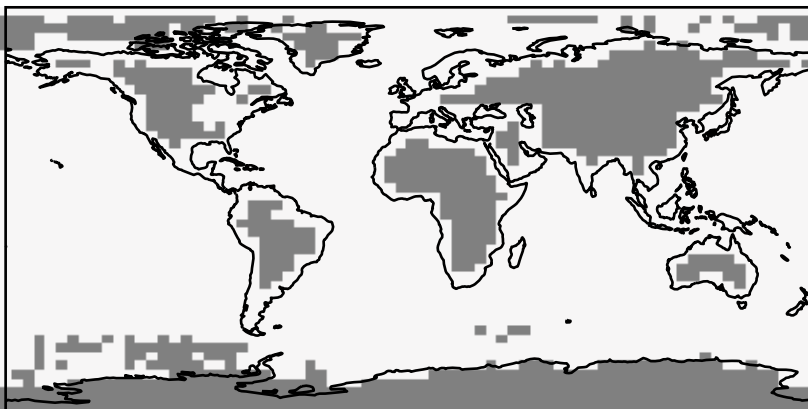
Difference  
Dev - Ref, Dynamic Range



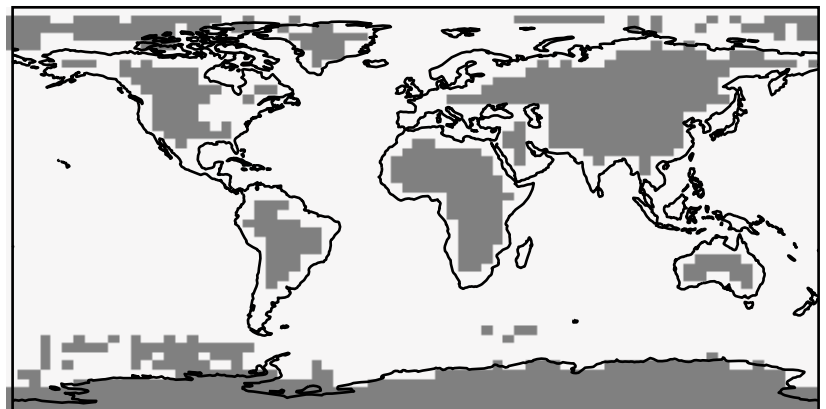
Difference  
Dev - Ref, Restricted Range [5%,95%]



Fractional Difference  
(Dev-Ref)/Ref, Dynamic Range

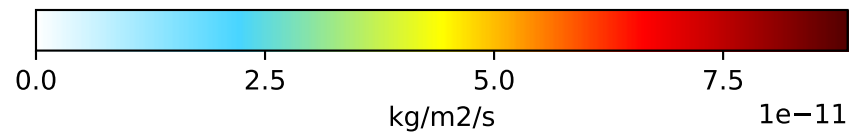
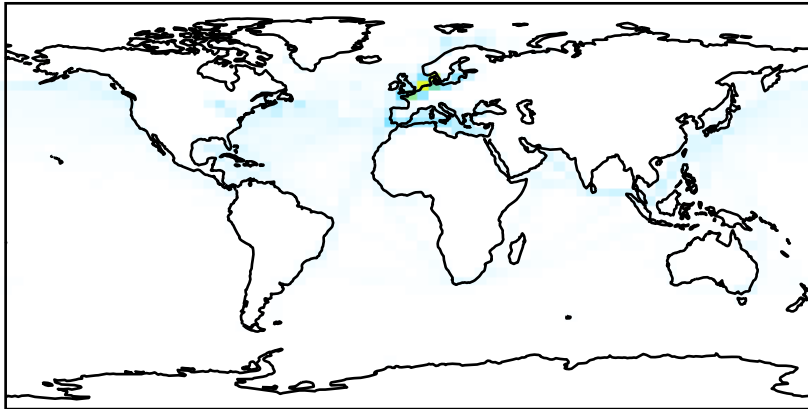


Fractional Difference  
(Dev-Ref)/Ref, Fixed Range

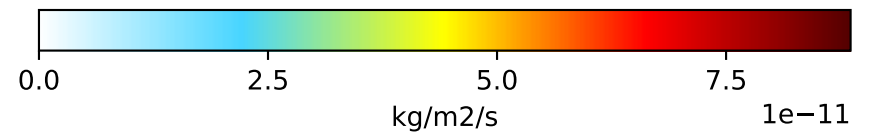
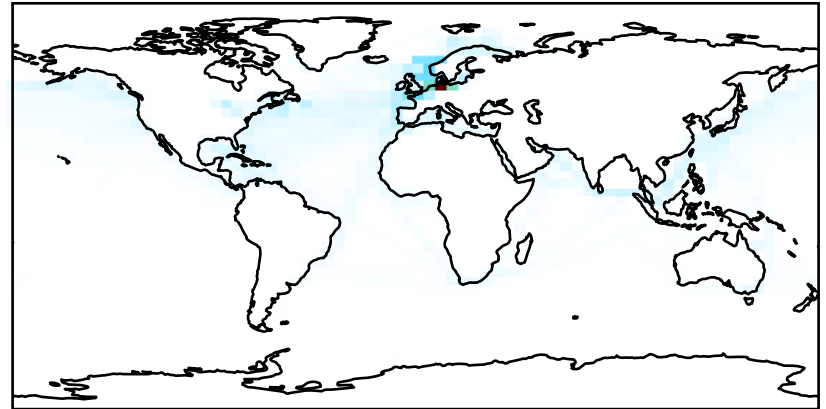


# EmisNO2\_Ship

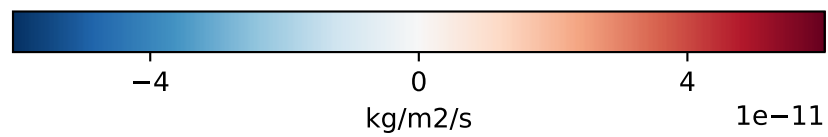
GC\_12.4.0 (Ref)  
4x5



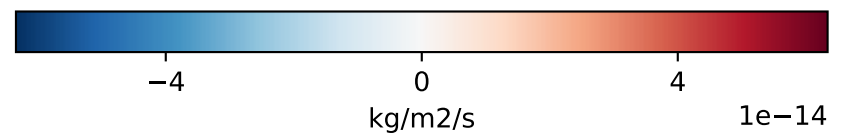
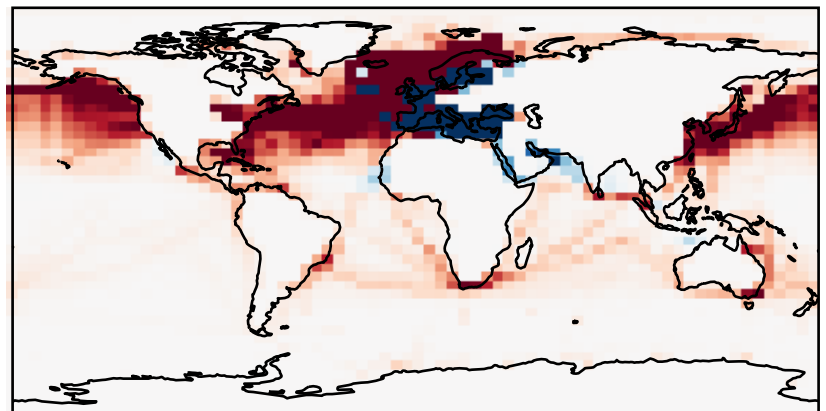
GC\_12.6.0 (Dev)  
4x5



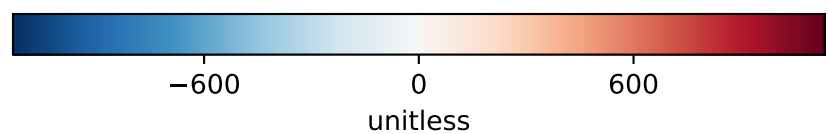
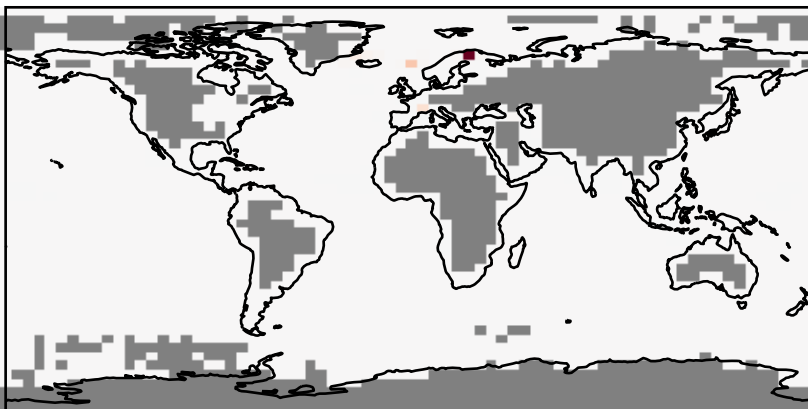
Difference  
Dev - Ref, Dynamic Range



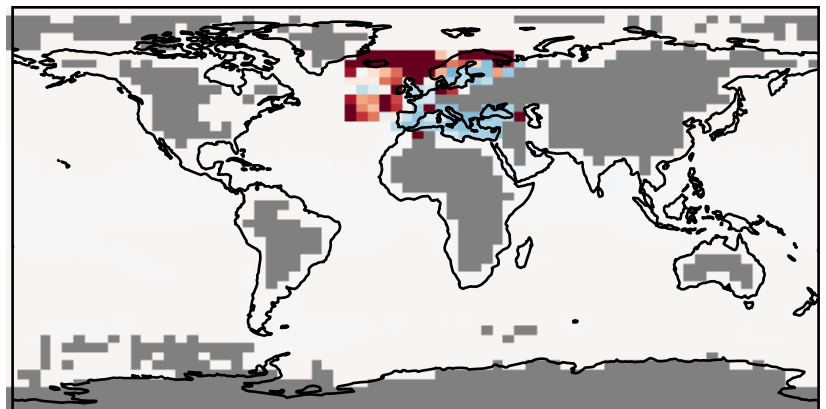
Difference  
Dev - Ref, Restricted Range [5%,95%]



Fractional Difference  
(Dev-Ref)/Ref, Dynamic Range

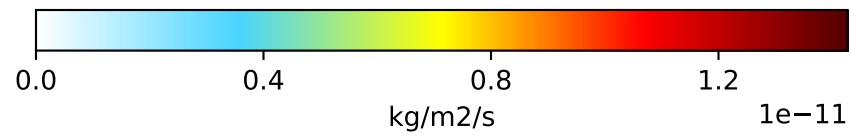


Fractional Difference  
(Dev-Ref)/Ref, Fixed Range

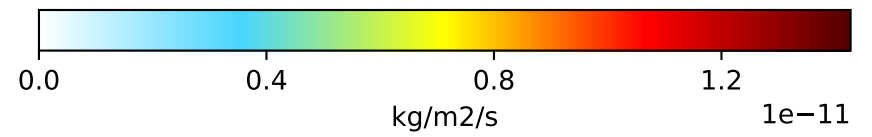
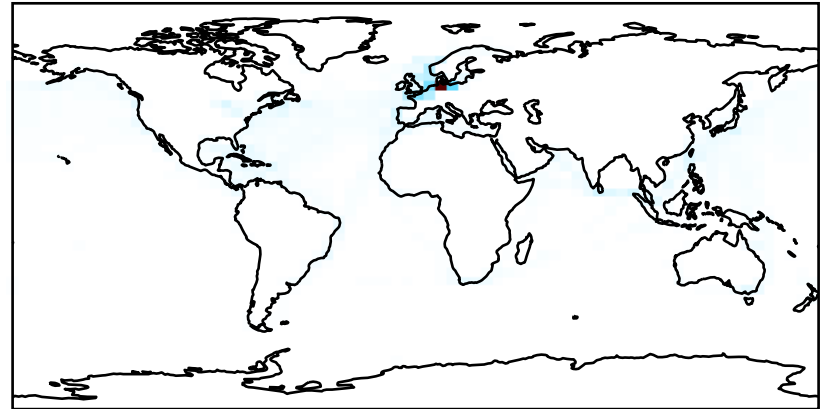


# EmisNO\_Ship

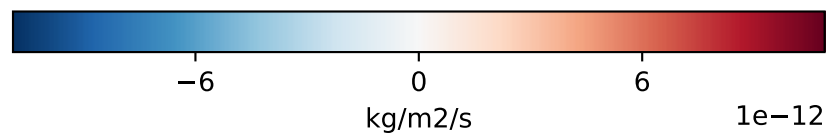
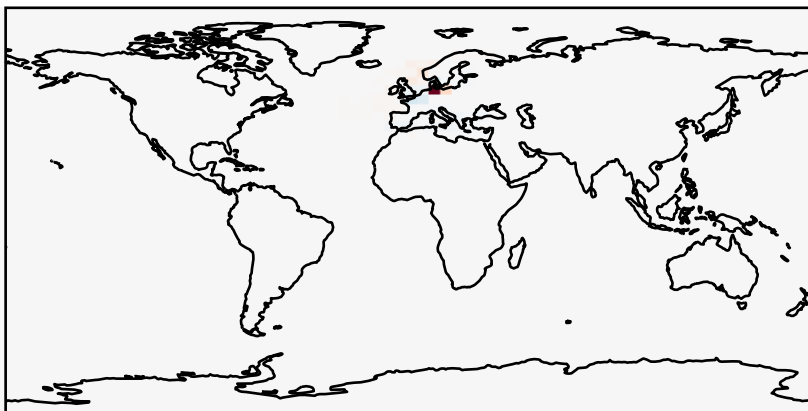
GC\_12.4.0 (Ref)  
4x5



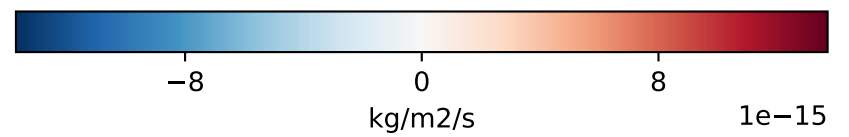
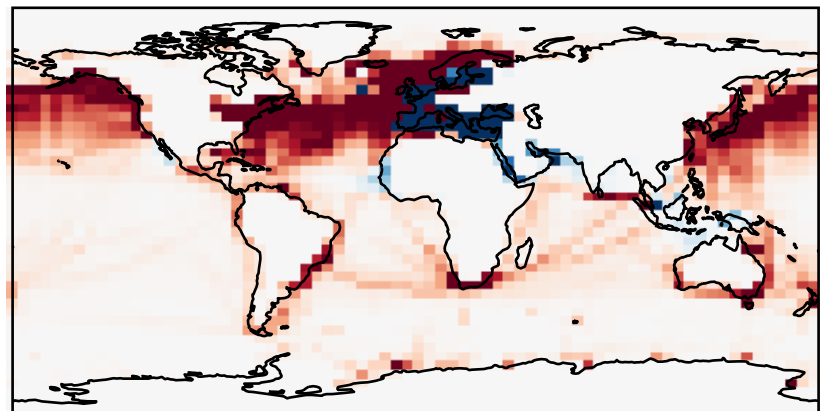
GC\_12.6.0 (Dev)  
4x5



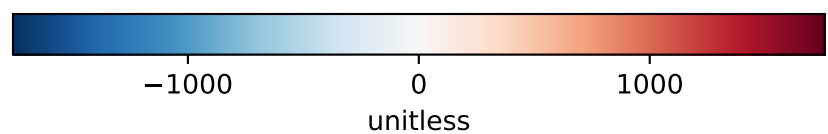
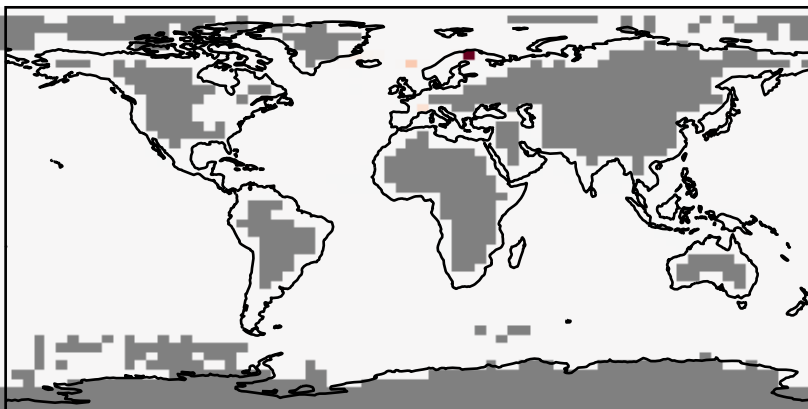
Difference  
Dev - Ref, Dynamic Range



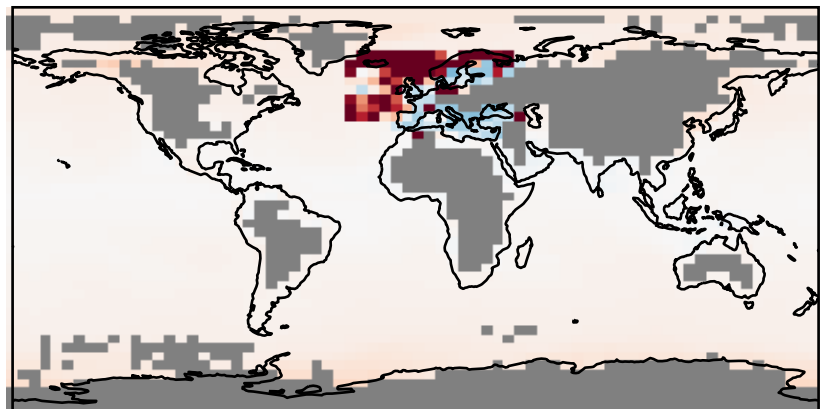
Difference  
Dev - Ref, Restricted Range [5%,95%]



Fractional Difference  
(Dev-Ref)/Ref, Dynamic Range

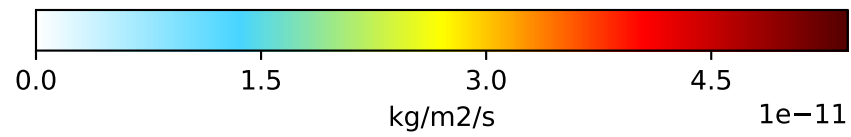
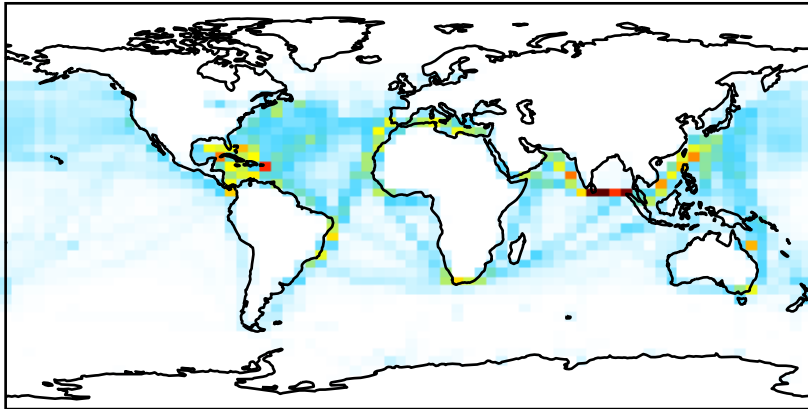


Fractional Difference  
(Dev-Ref)/Ref, Fixed Range

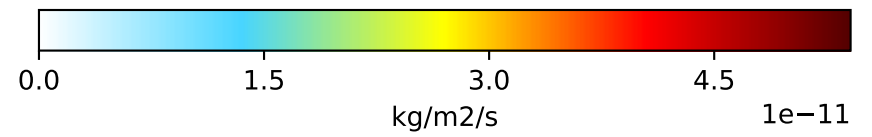
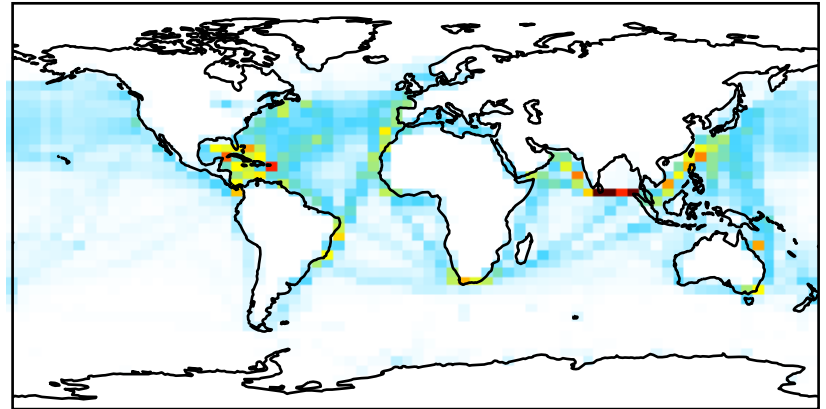


# Emis03\_Ship

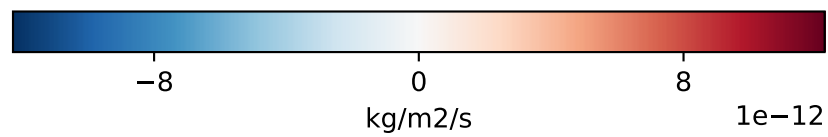
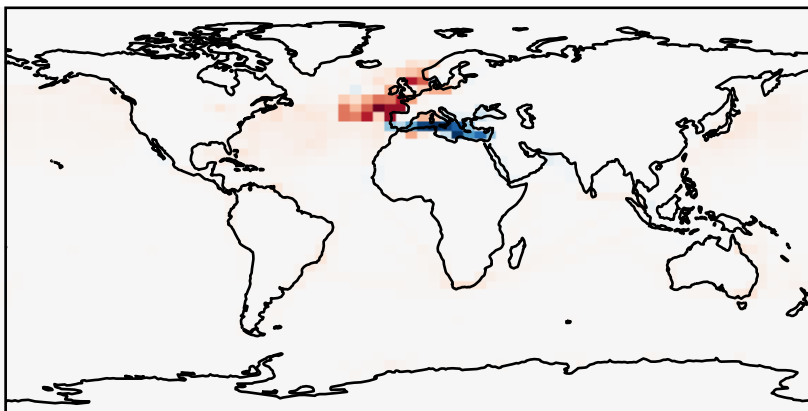
GC\_12.4.0 (Ref)  
4x5



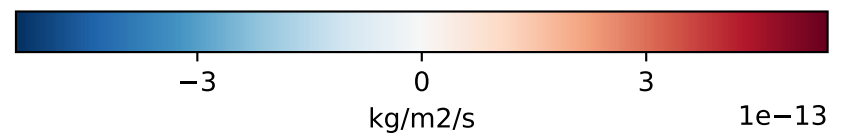
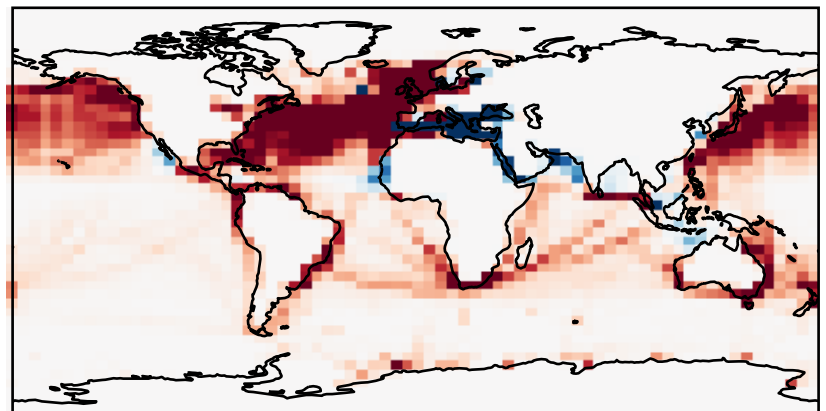
GC\_12.6.0 (Dev)  
4x5



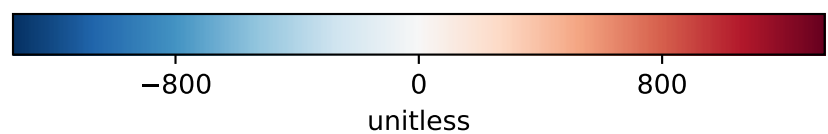
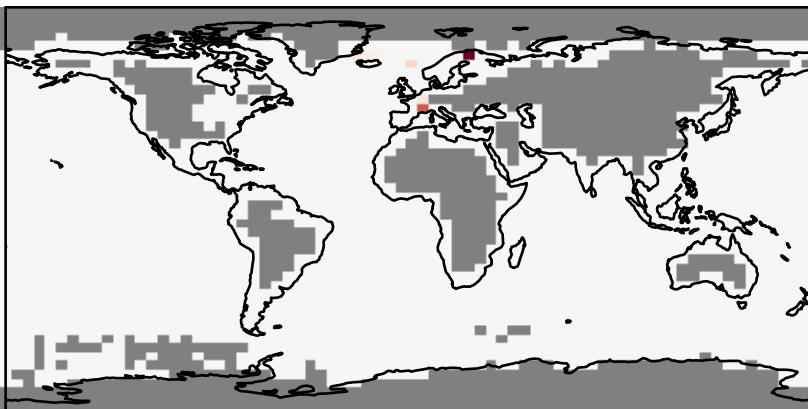
Difference  
Dev - Ref, Dynamic Range



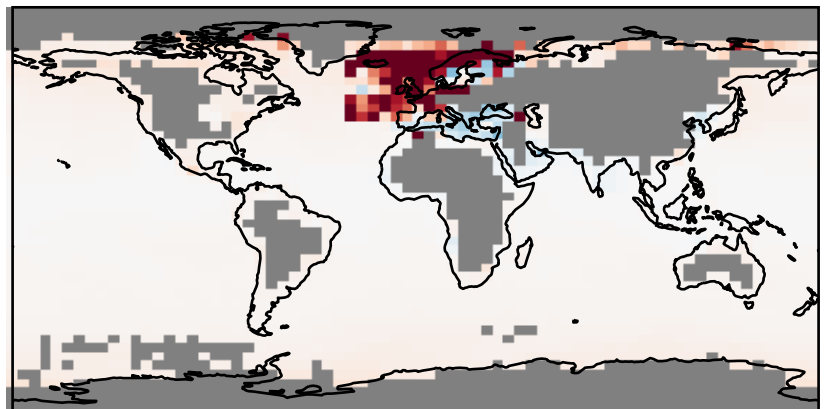
Difference  
Dev - Ref, Restricted Range [5%,95%]



Fractional Difference  
(Dev-Ref)/Ref, Dynamic Range

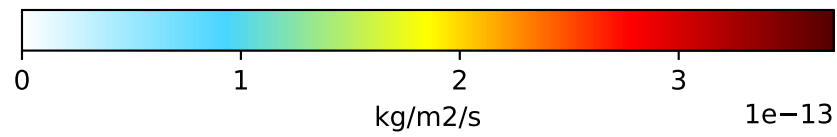
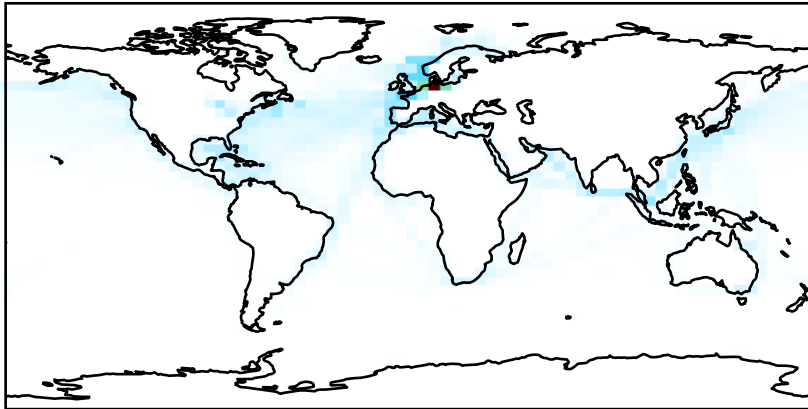


Fractional Difference  
(Dev-Ref)/Ref, Fixed Range

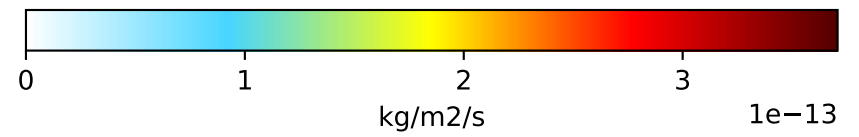
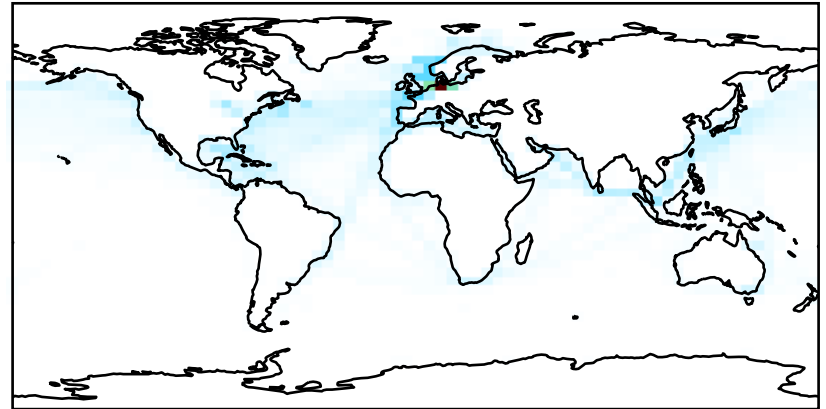


# EmisOCPI\_Ship

GC\_12.4.0 (Ref)  
4x5



GC\_12.6.0 (Dev)  
4x5



Difference  
Dev - Ref, Dynamic Range



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



Fractional Difference  
(Dev-Ref)/Ref, Dynamic Range



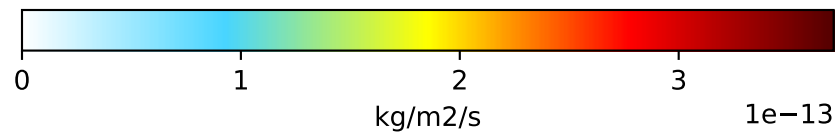
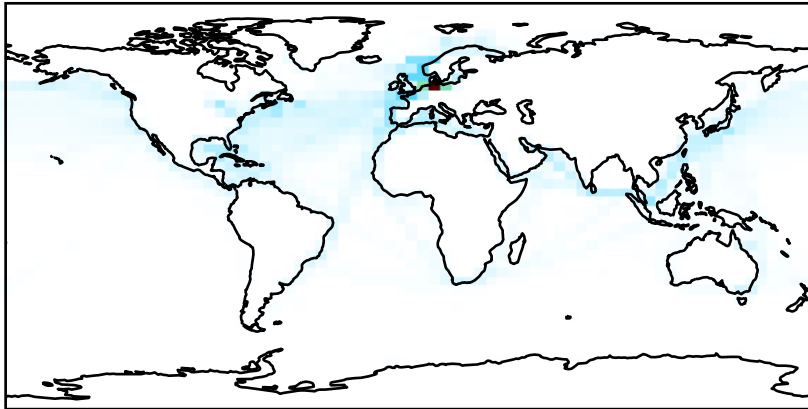
Fractional Difference  
(Dev-Ref)/Ref, Fixed Range



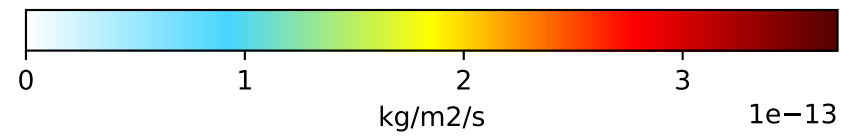
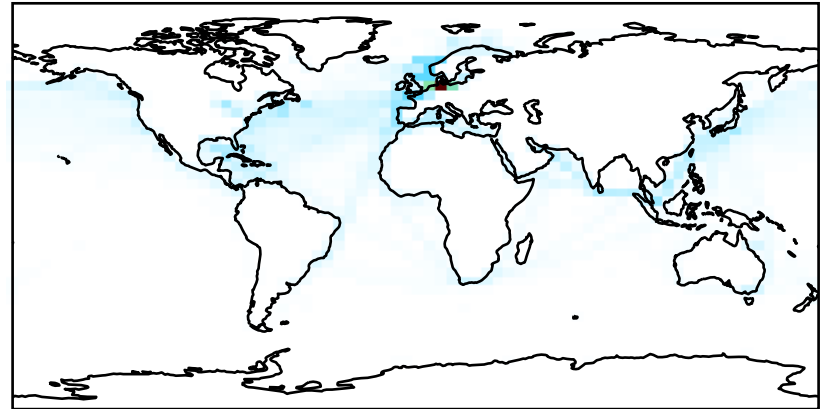


# EmisOCPO\_Ship

GC\_12.4.0 (Ref)  
4x5



GC\_12.6.0 (Dev)  
4x5



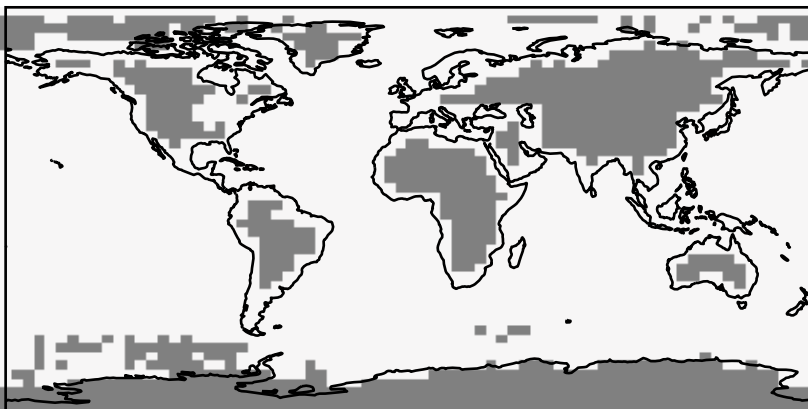
Difference  
Dev - Ref, Dynamic Range



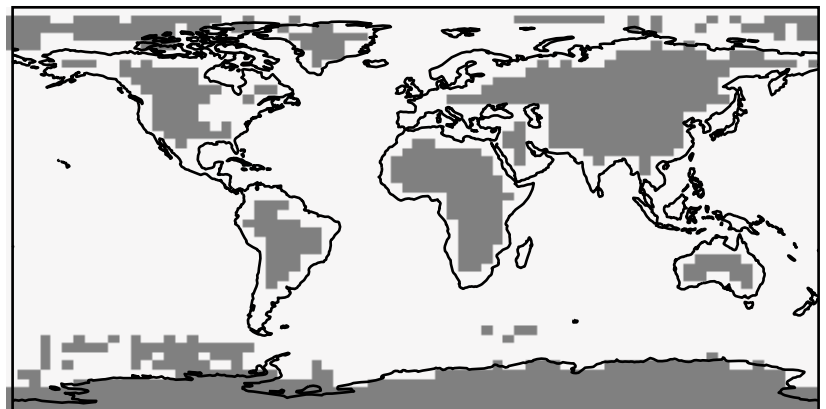
Difference  
Dev - Ref, Restricted Range [5%,95%]



Fractional Difference  
(Dev-Ref)/Ref, Dynamic Range



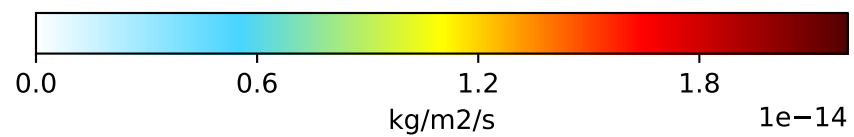
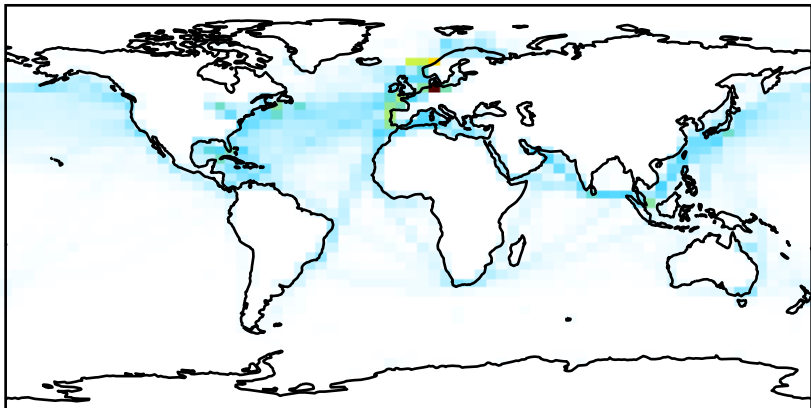
Fractional Difference  
(Dev-Ref)/Ref, Fixed Range



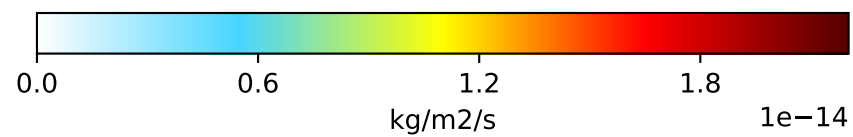
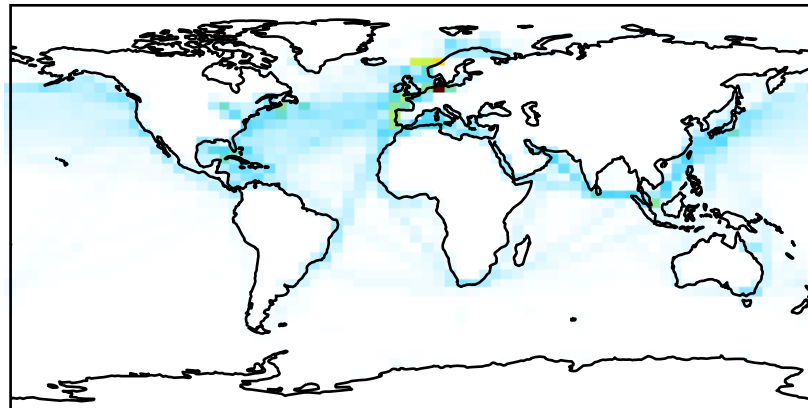


# EmispFe\_Ship

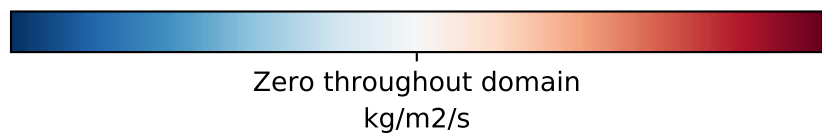
GC\_12.4.0 (Ref)  
4x5



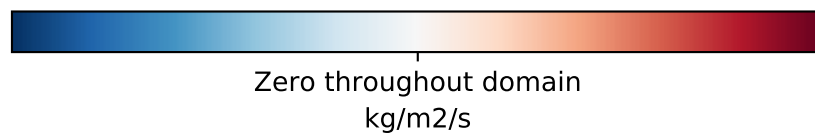
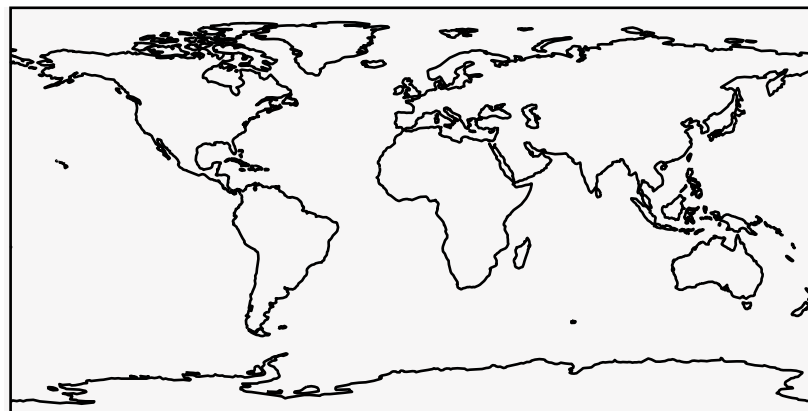
GC\_12.6.0 (Dev)  
4x5



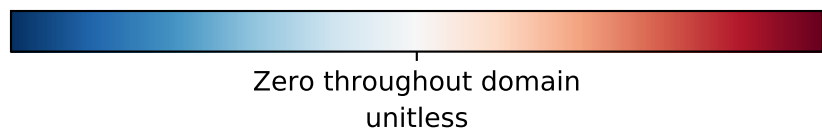
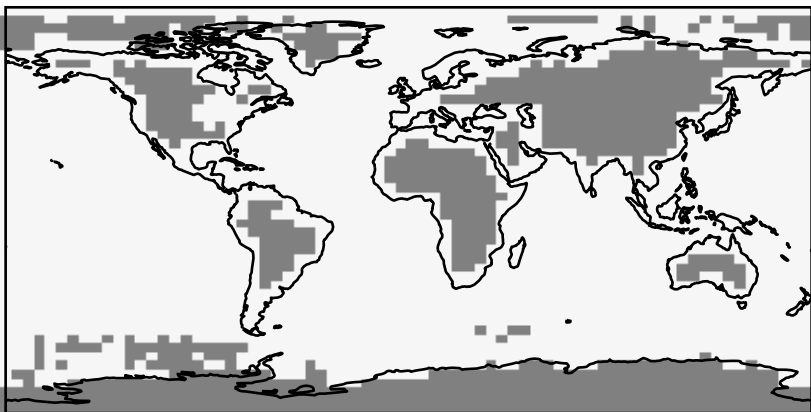
Difference  
Dev - Ref, Dynamic Range



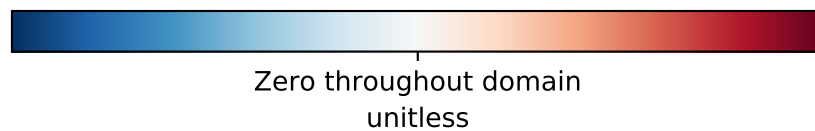
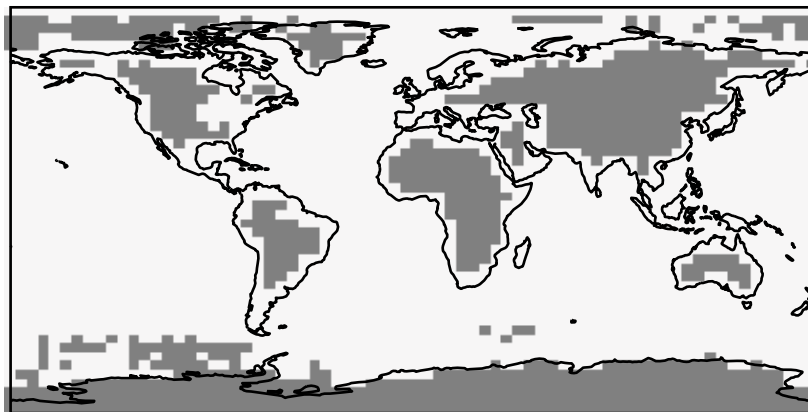
Difference  
Dev - Ref, Restricted Range [5%,95%]



Fractional Difference  
(Dev-Ref)/Ref, Dynamic Range

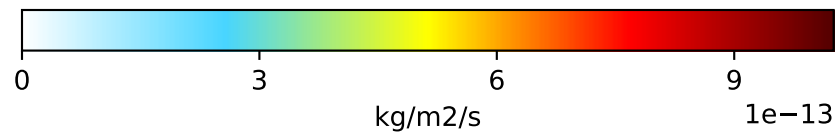
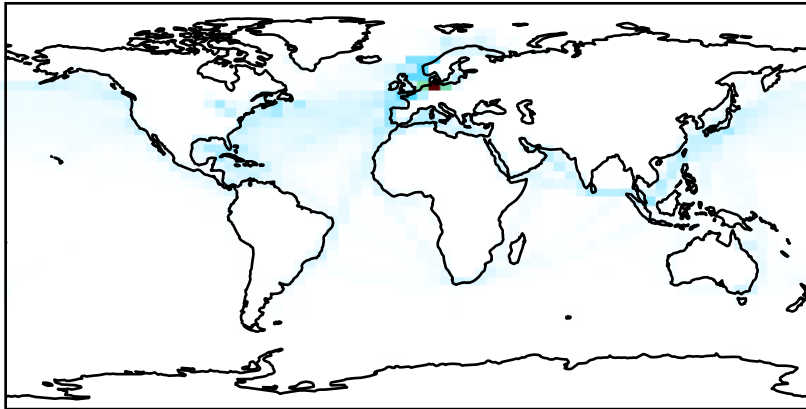


Fractional Difference  
(Dev-Ref)/Ref, Fixed Range

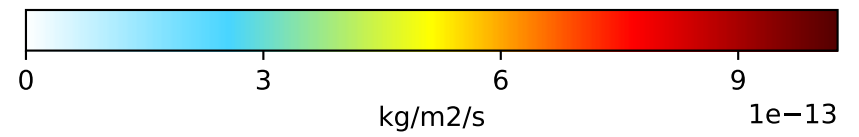
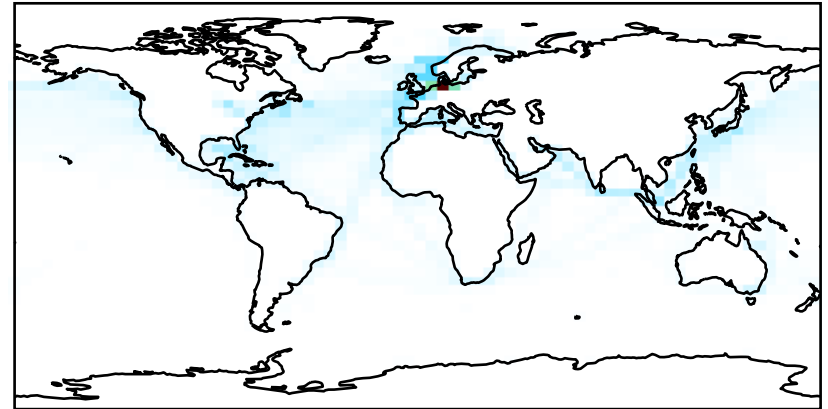


# EmisPRPE\_Ship

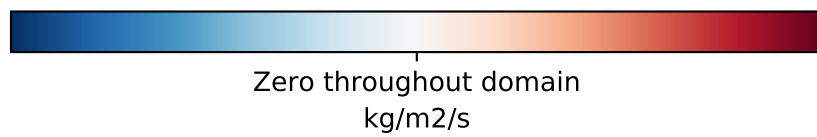
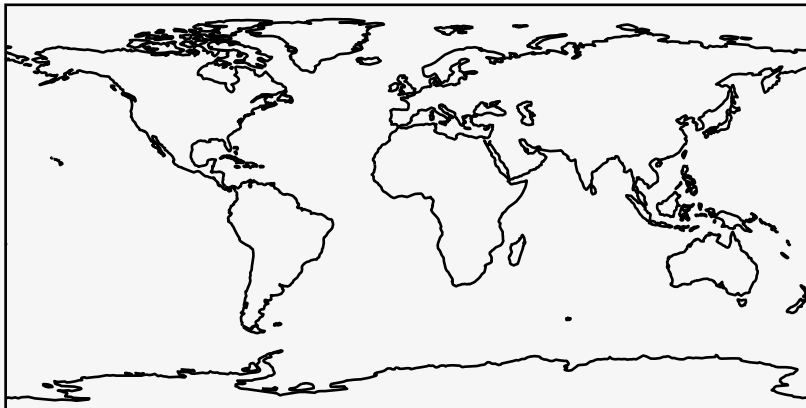
GC\_12.4.0 (Ref)  
4x5



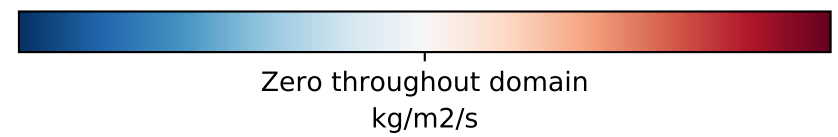
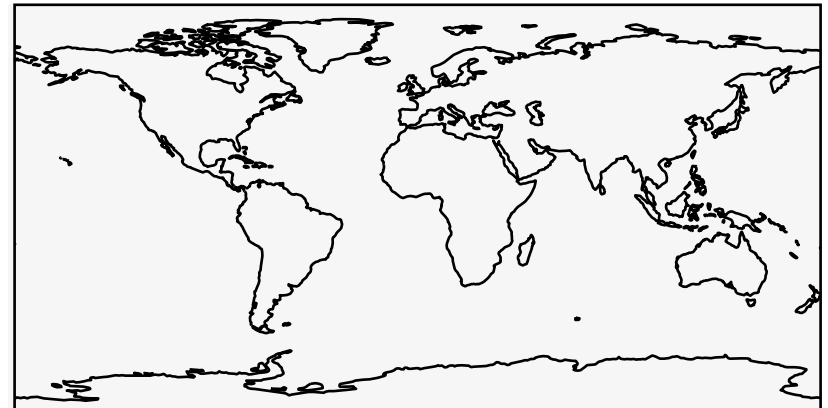
GC\_12.6.0 (Dev)  
4x5



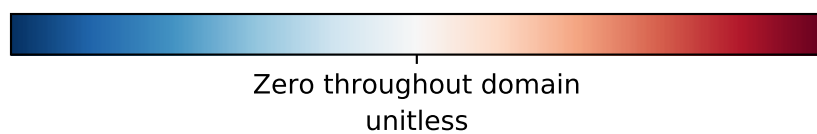
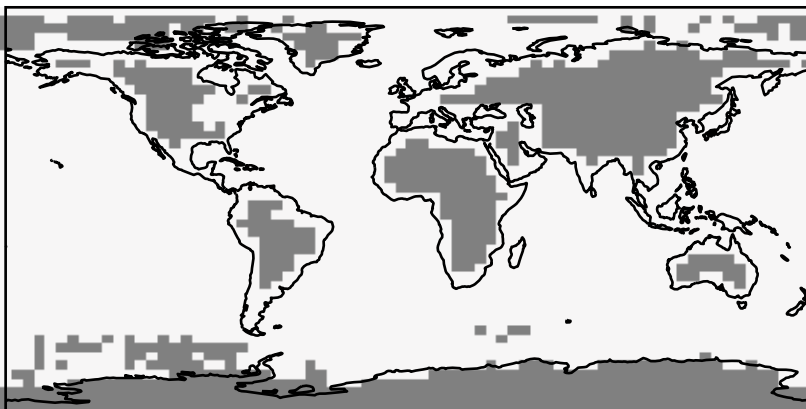
Difference  
Dev - Ref, Dynamic Range



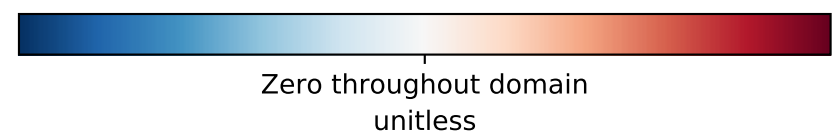
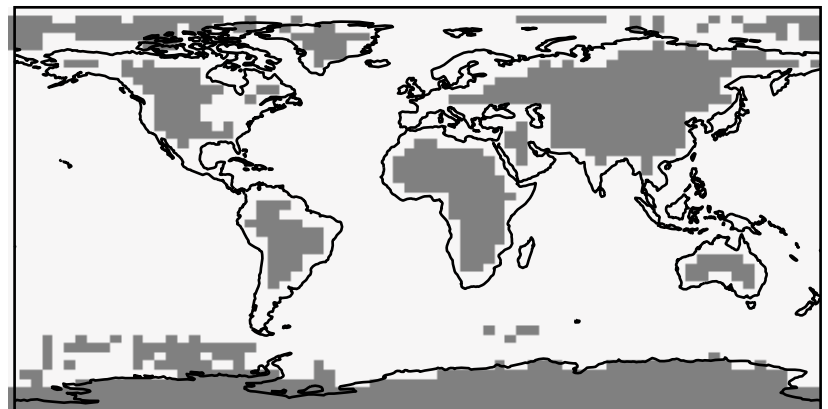
Difference  
Dev - Ref, Restricted Range [5%,95%]



Fractional Difference  
(Dev-Ref)/Ref, Dynamic Range

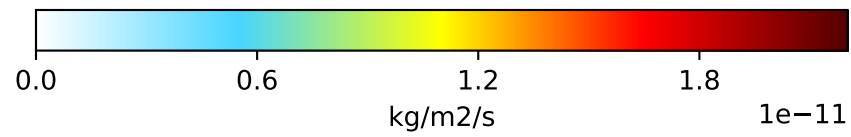
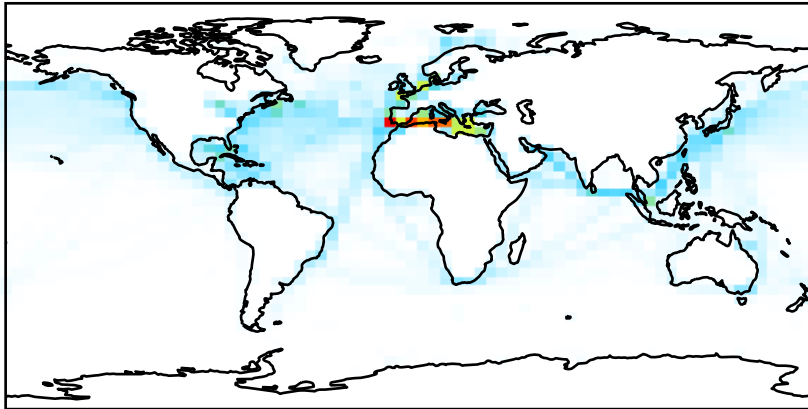


Fractional Difference  
(Dev-Ref)/Ref, Fixed Range

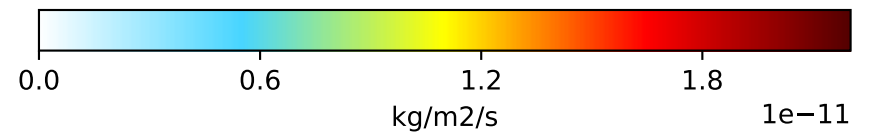
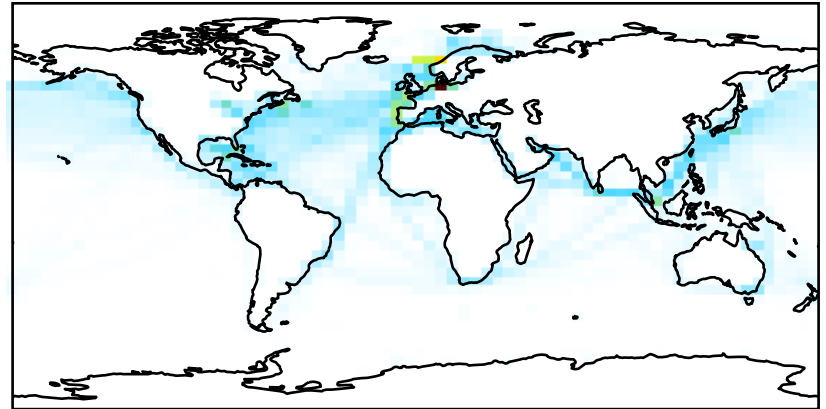


# EmisSO2\_Ship

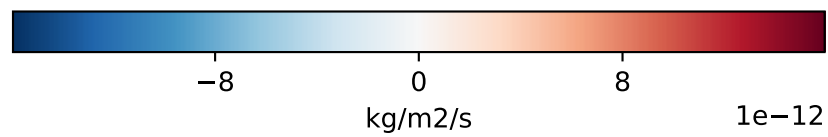
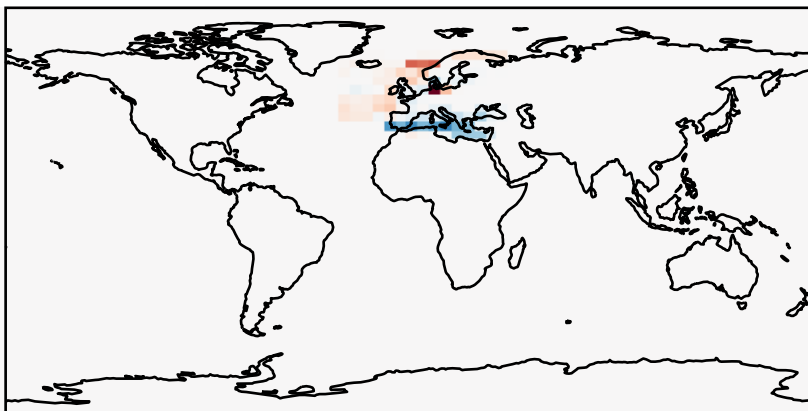
GC\_12.4.0 (Ref)  
4x5



GC\_12.6.0 (Dev)  
4x5



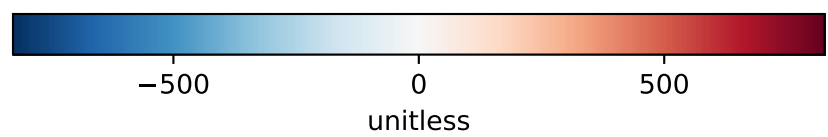
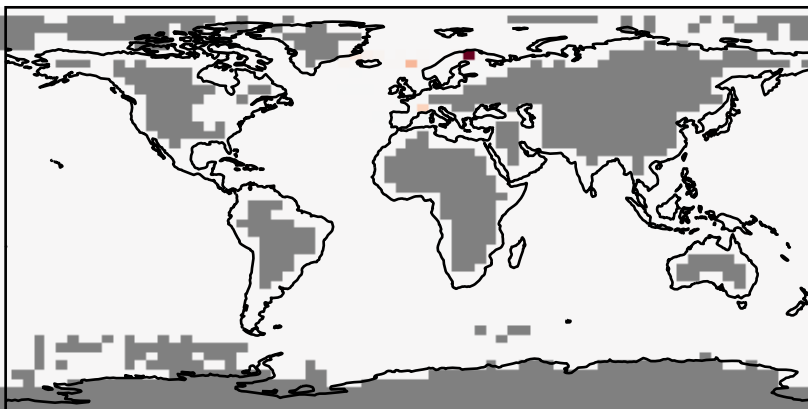
Difference  
Dev - Ref, Dynamic Range



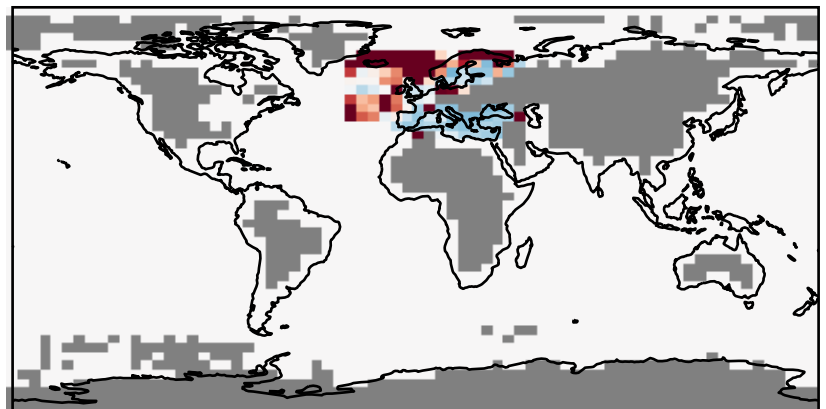
Difference  
Dev - Ref, Restricted Range [5%,95%]



Fractional Difference  
(Dev-Ref)/Ref, Dynamic Range

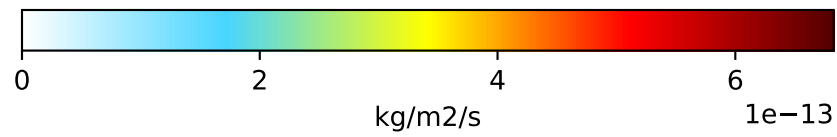
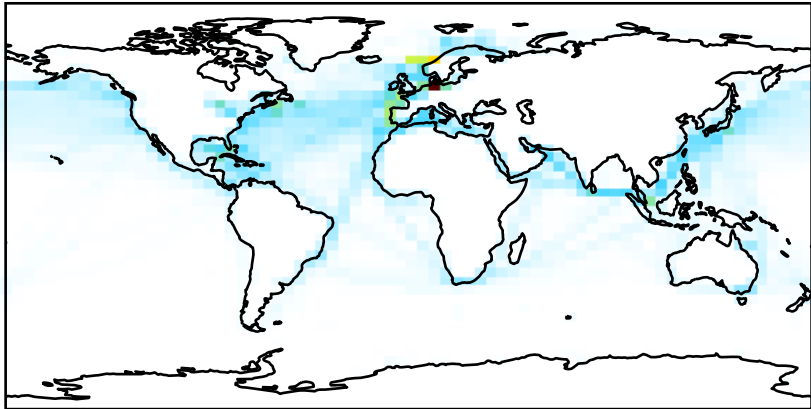


Fractional Difference  
(Dev-Ref)/Ref, Fixed Range

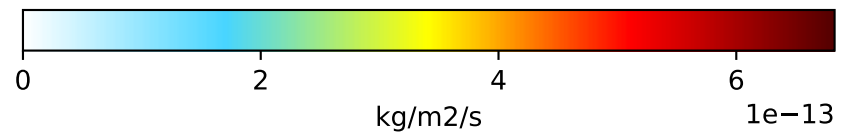
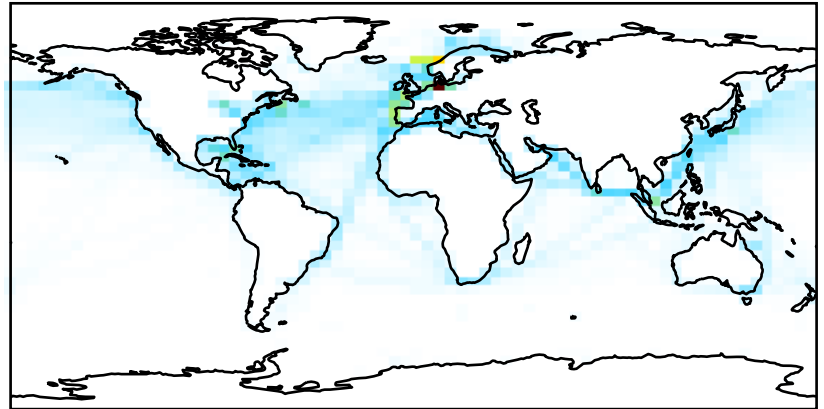


# EmisSO4\_Ship

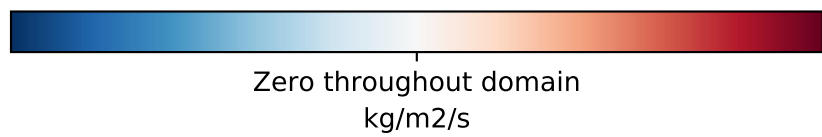
GC\_12.4.0 (Ref)  
4x5



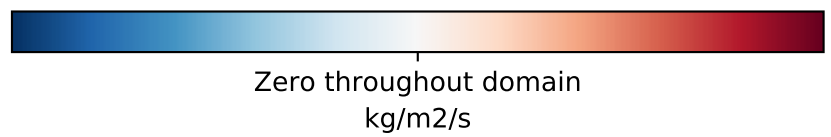
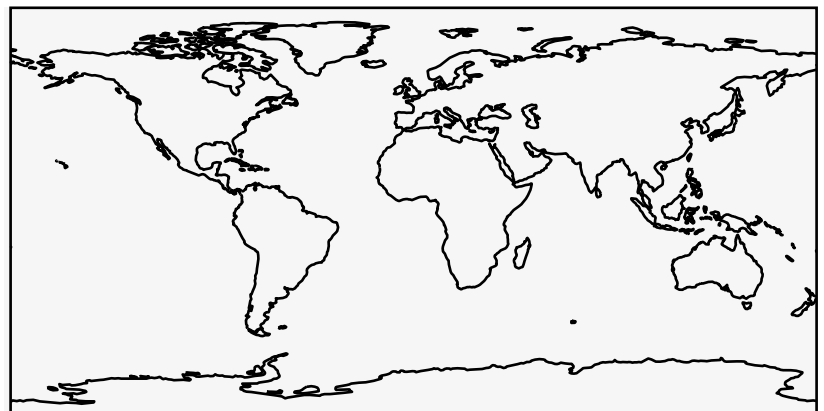
GC\_12.6.0 (Dev)  
4x5



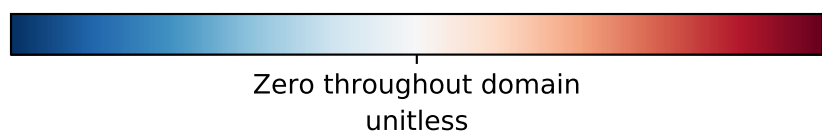
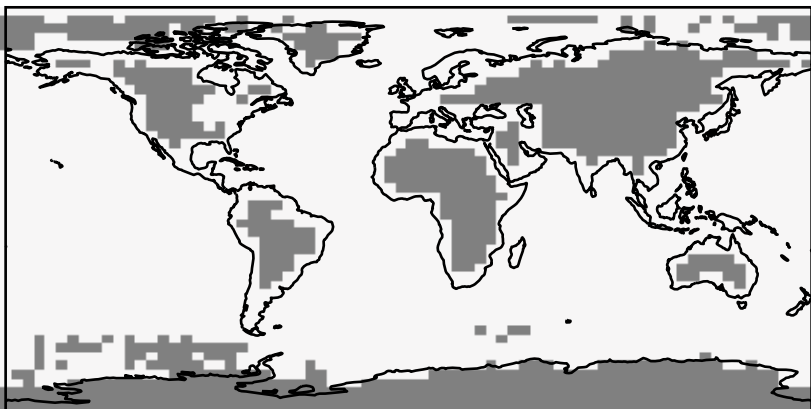
Difference  
Dev - Ref, Dynamic Range



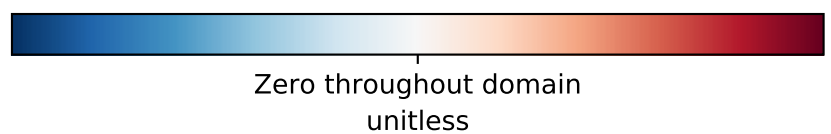
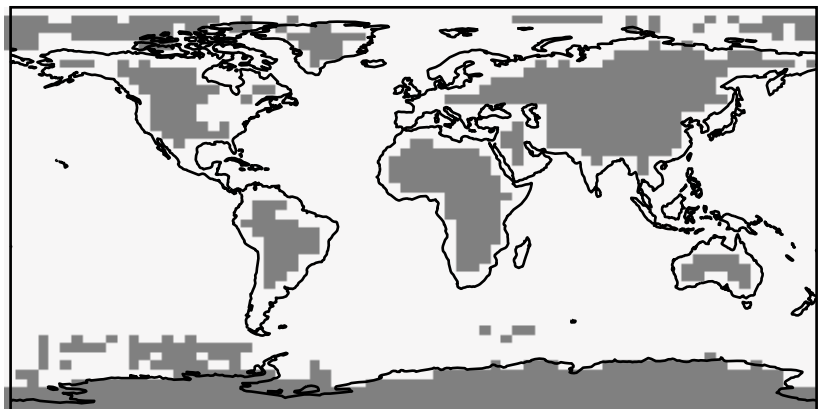
Difference  
Dev - Ref, Restricted Range [5%,95%]



Fractional Difference  
(Dev-Ref)/Ref, Dynamic Range

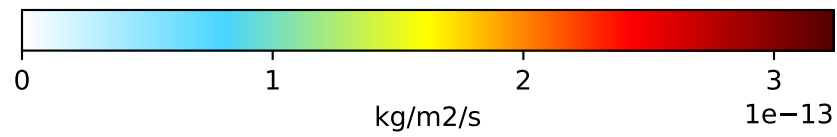
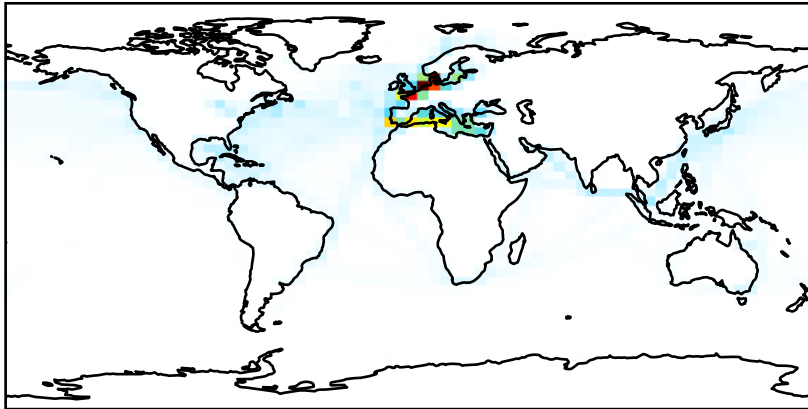


Fractional Difference  
(Dev-Ref)/Ref, Fixed Range

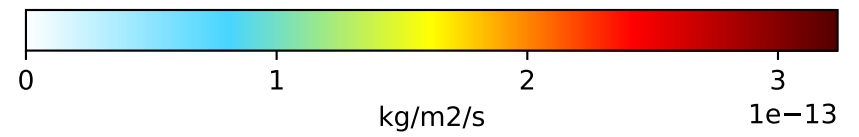
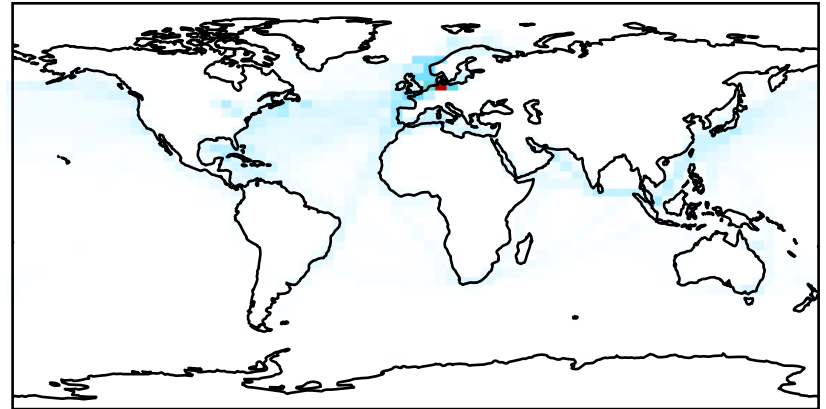


# EmisSOAP\_Ship

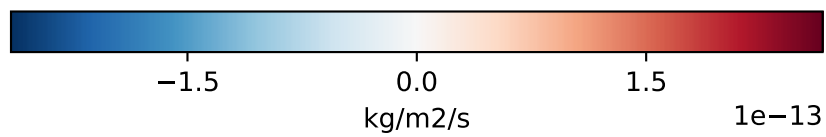
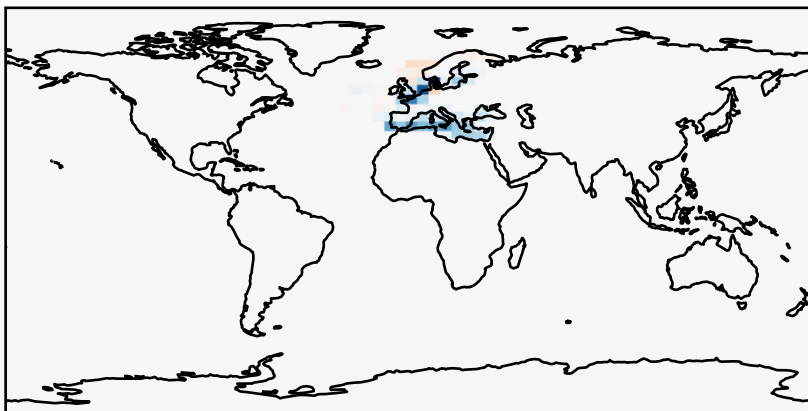
GC\_12.4.0 (Ref)  
4x5



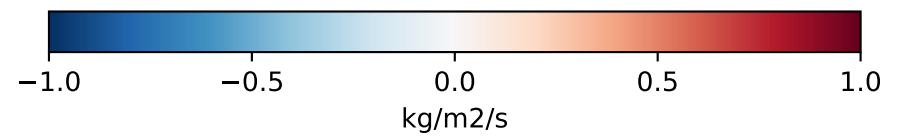
GC\_12.6.0 (Dev)  
4x5



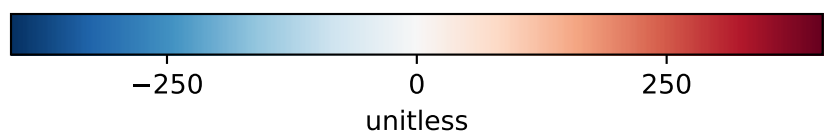
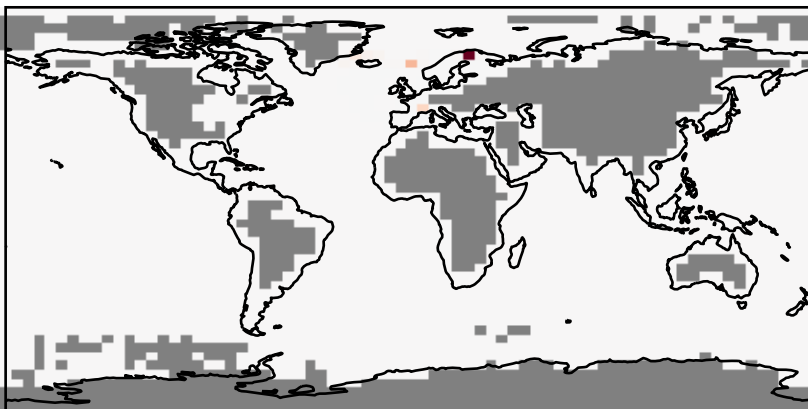
Difference  
Dev - Ref, Dynamic Range



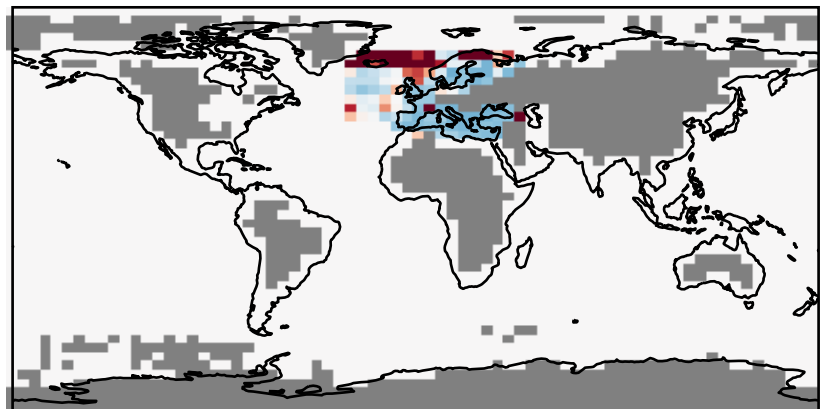
Difference  
Dev - Ref, Restricted Range [5%,95%]



Fractional Difference  
(Dev-Ref)/Ref, Dynamic Range



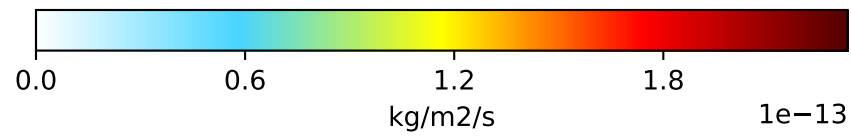
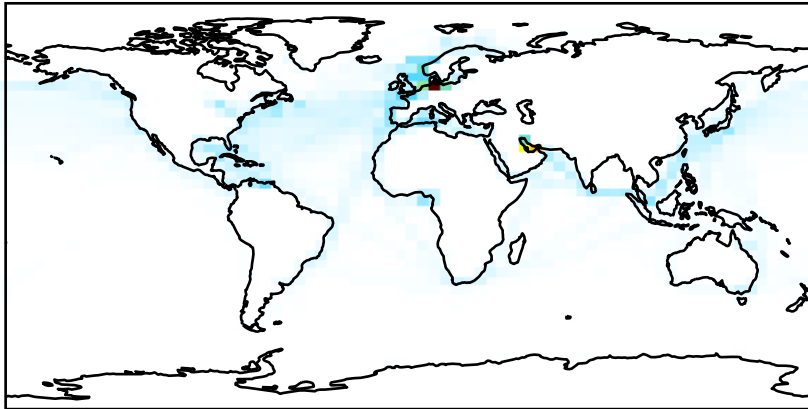
Fractional Difference  
(Dev-Ref)/Ref, Fixed Range



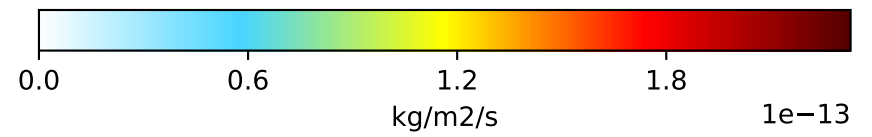
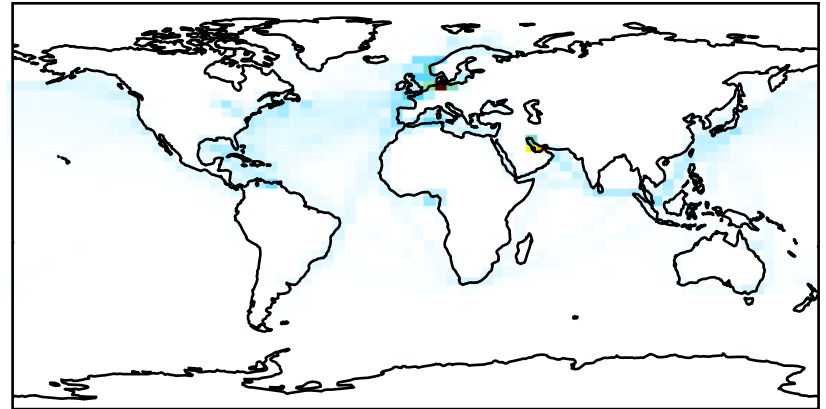


# EmisTOLU\_Ship

GC\_12.4.0 (Ref)  
4x5



GC\_12.6.0 (Dev)  
4x5



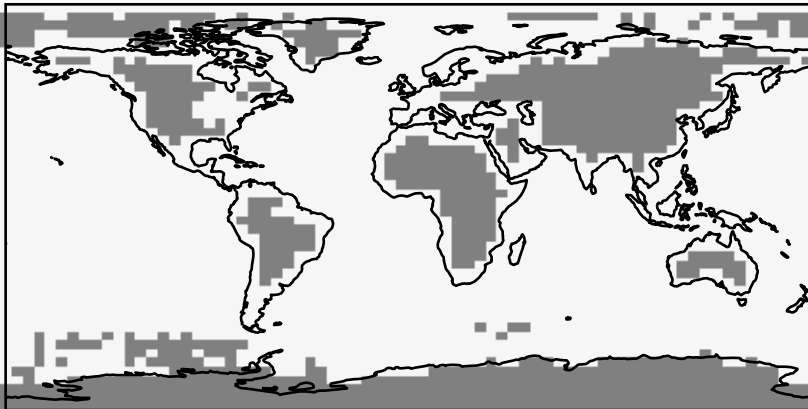
Difference  
Dev - Ref, Dynamic Range



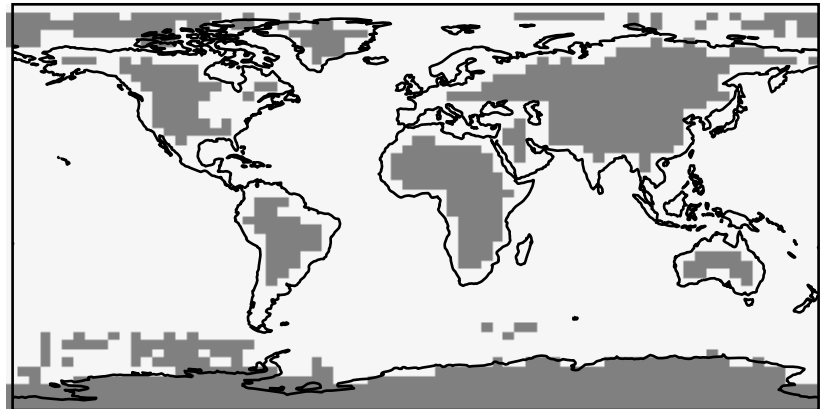
Difference  
Dev - Ref, Restricted Range [5%,95%]



Fractional Difference  
(Dev-Ref)/Ref, Dynamic Range



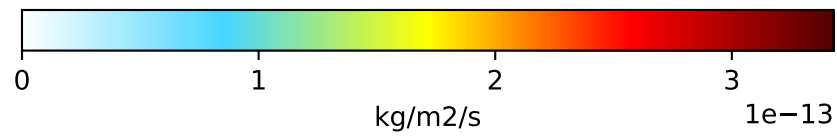
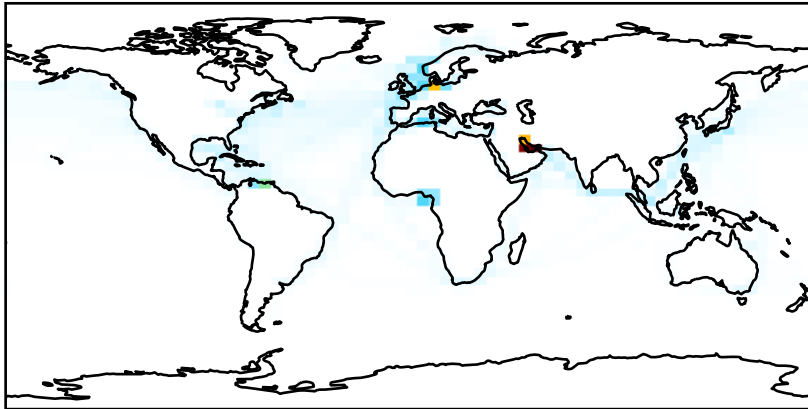
Fractional Difference  
(Dev-Ref)/Ref, Fixed Range



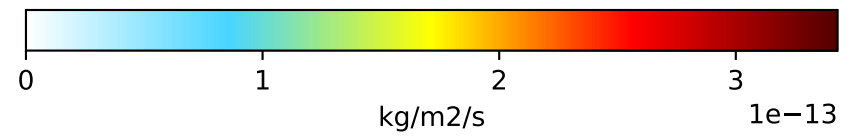
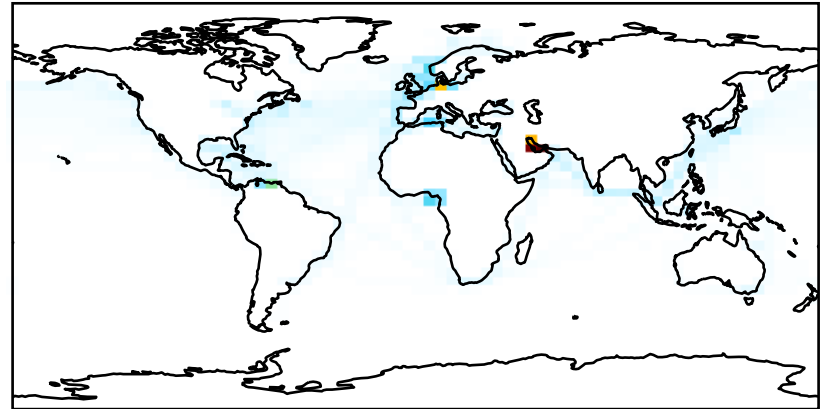


# EmisXYLE\_Ship

GC\_12.4.0 (Ref)  
4x5



GC\_12.6.0 (Dev)  
4x5



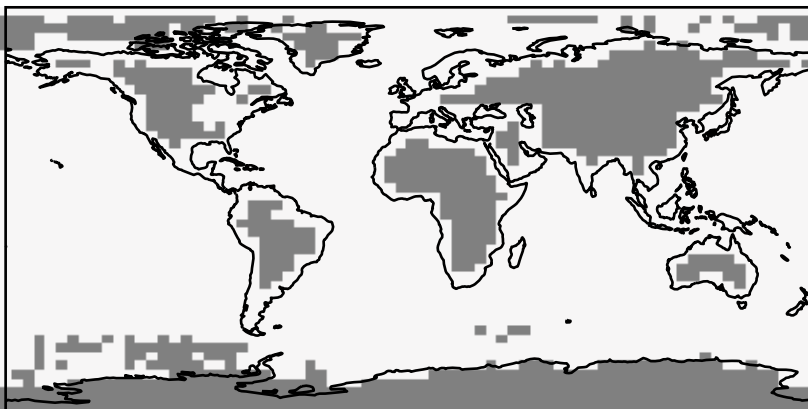
Difference  
Dev - Ref, Dynamic Range



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



Fractional Difference  
(Dev-Ref)/Ref, Dynamic Range



Fractional Difference  
(Dev-Ref)/Ref, Fixed Range

