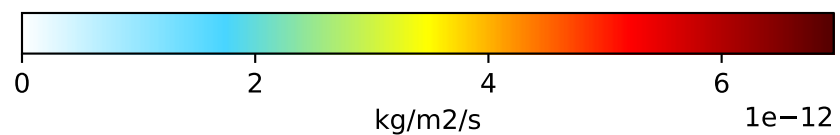
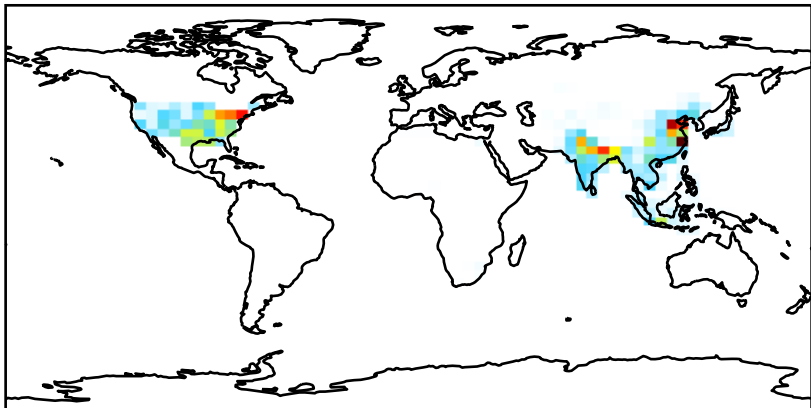
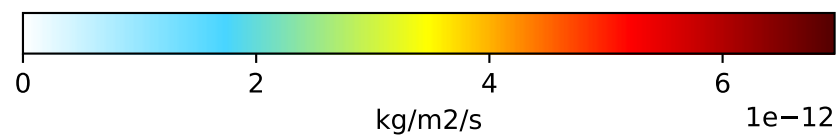
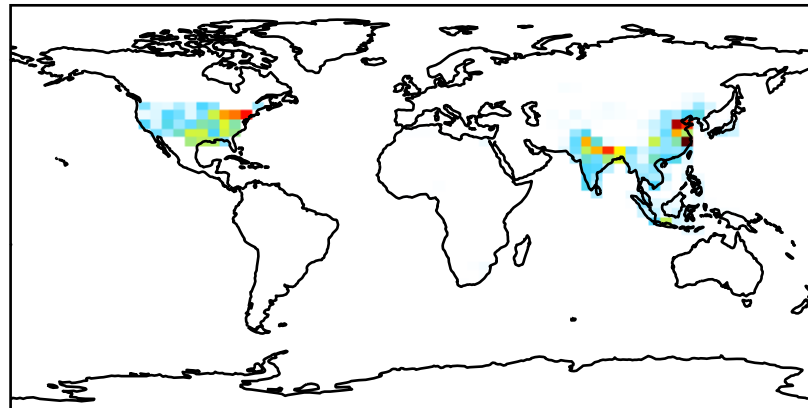


# EmisACET\_Anthro

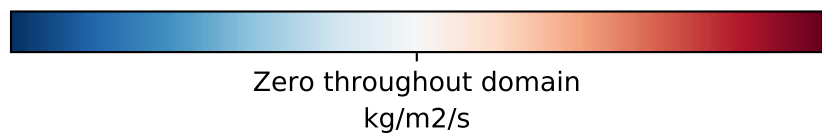
GC\_12.7.0-rc.1 (Ref)  
4x5



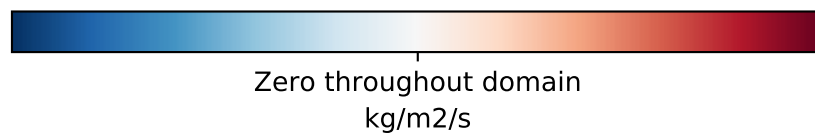
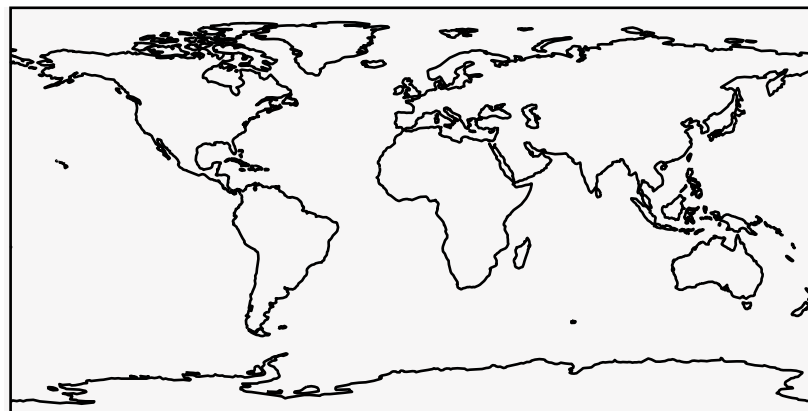
GC\_12.7.0-rc.2 (Dev)  
4x5



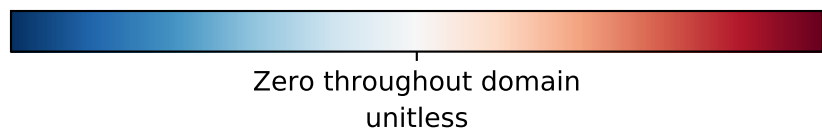
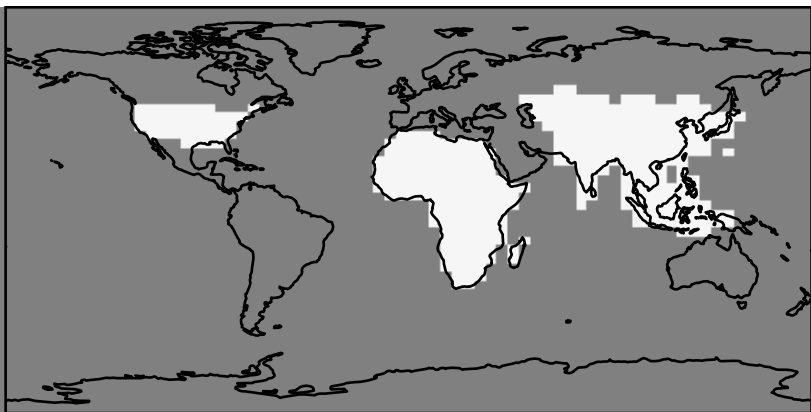
Difference  
Dev - Ref, Dynamic Range



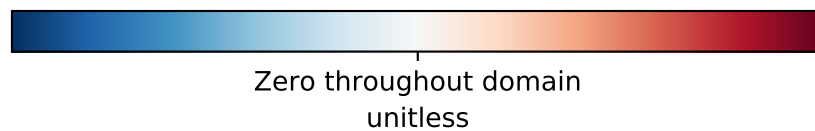
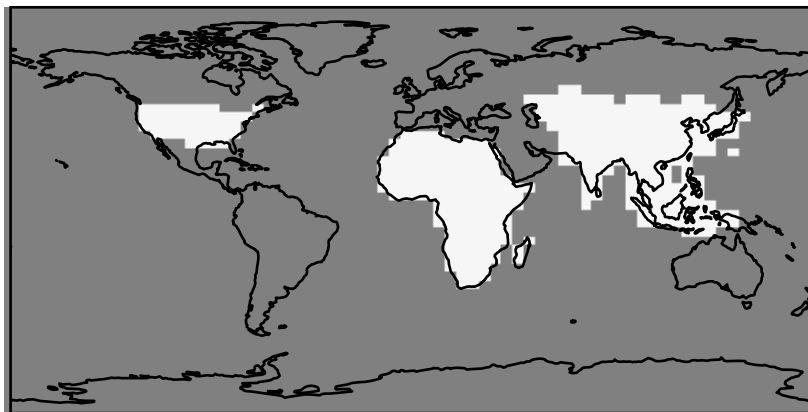
Difference  
Dev - Ref, Restricted Range [5%,95%]



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

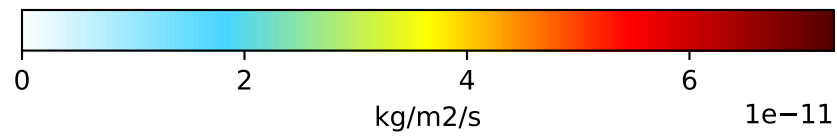
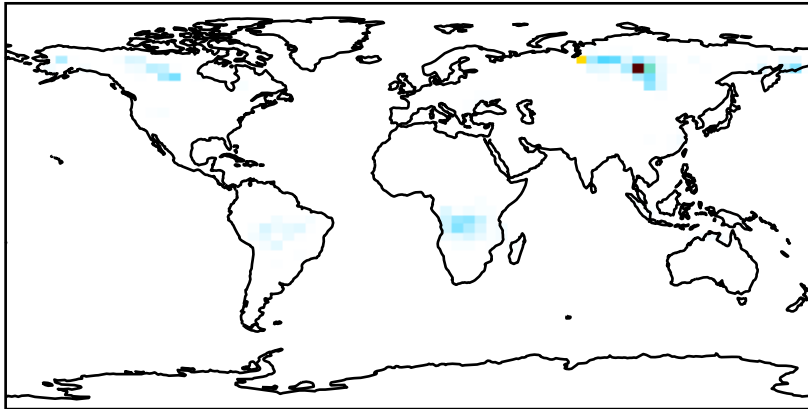


Fractional Difference  
(Dev-Ref)/Ref, Fixed Range

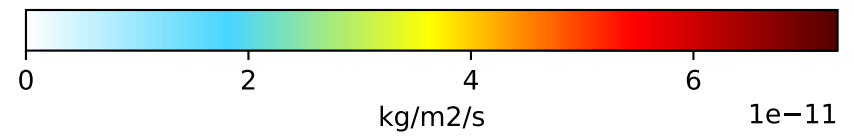
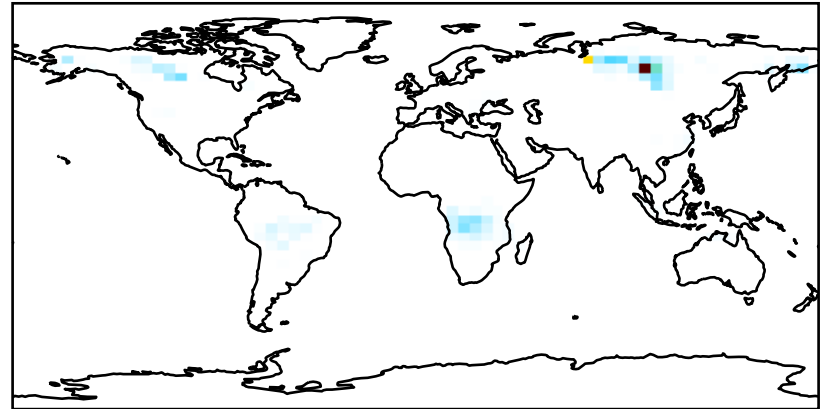


# EmisACET\_BioBurn

GC\_12.7.0-rc.1 (Ref)  
4x5



GC\_12.7.0-rc.2 (Dev)  
4x5



Difference  
Dev - Ref, Dynamic Range



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



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

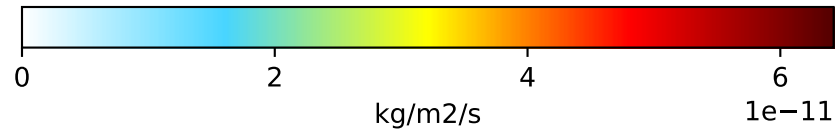
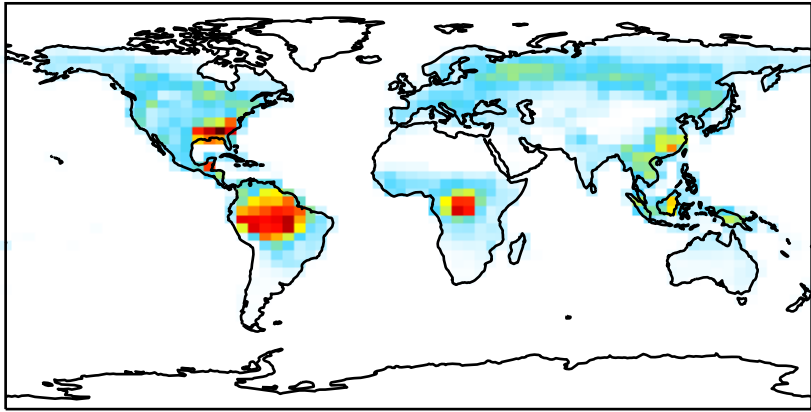


Fractional Difference  
(Dev-Ref)/Ref, Fixed Range

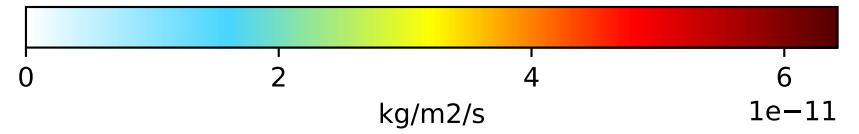
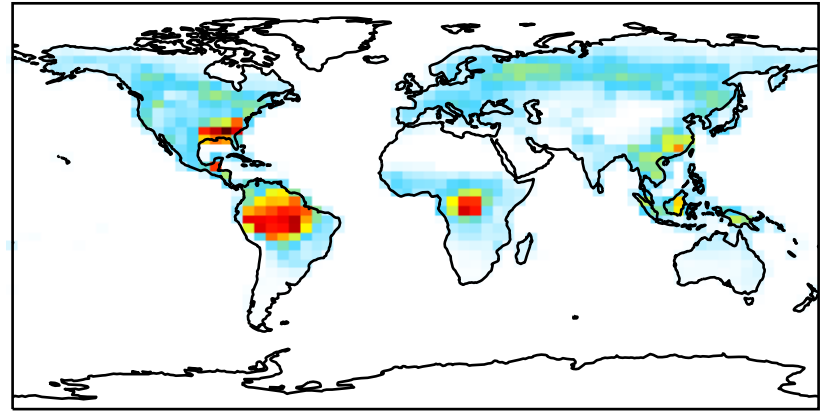


# EmisACET\_Biogenic

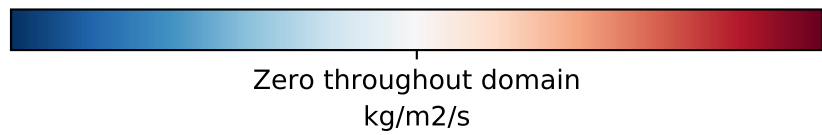
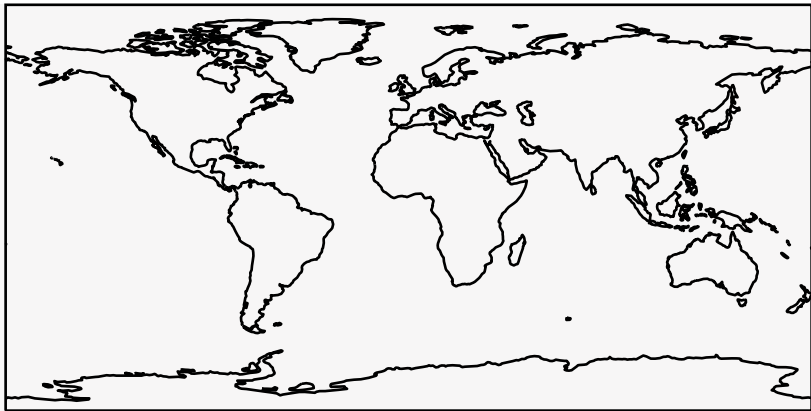
GC\_12.7.0-rc.1 (Ref)  
4x5



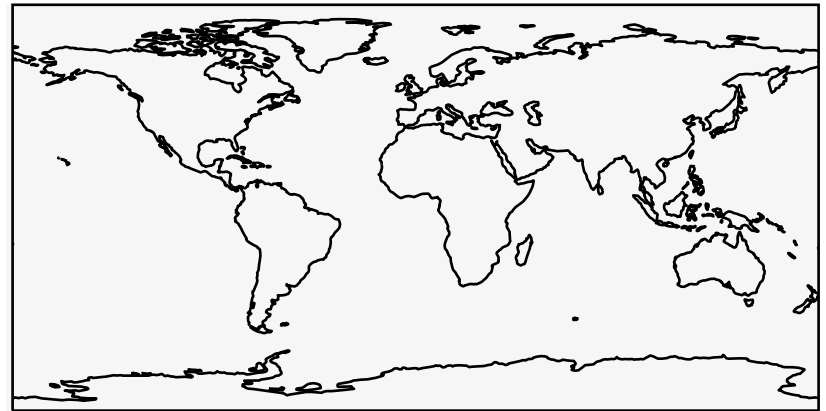
GC\_12.7.0-rc.2 (Dev)  
4x5



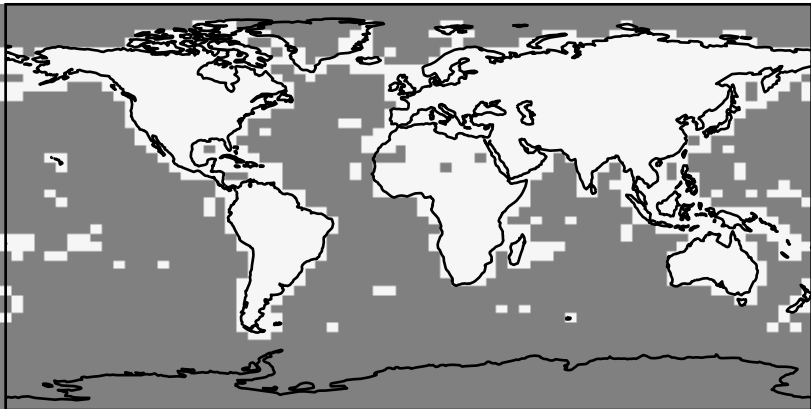
Difference  
Dev - Ref, Dynamic Range



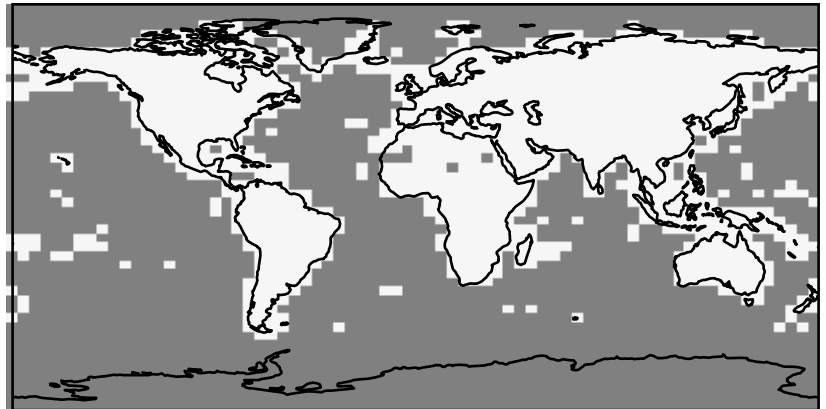
Difference  
Dev - Ref, Restricted Range [5%,95%]



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

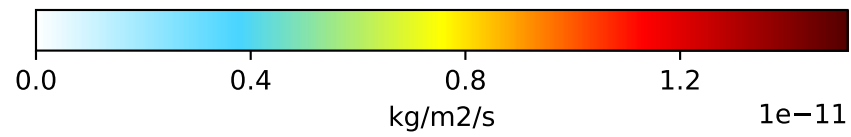
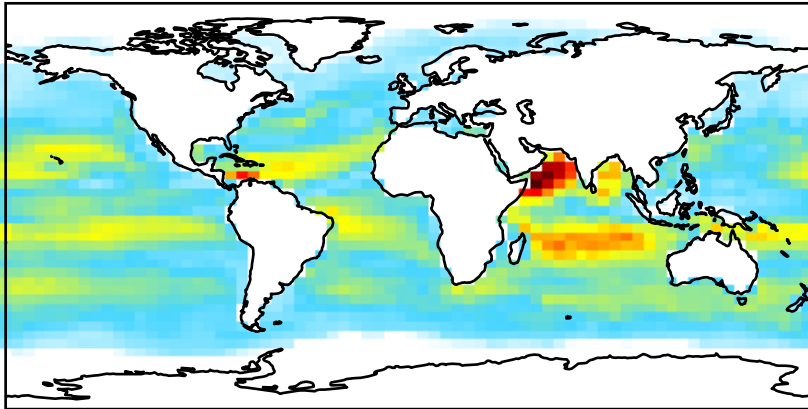


Fractional Difference  
(Dev-Ref)/Ref, Fixed Range

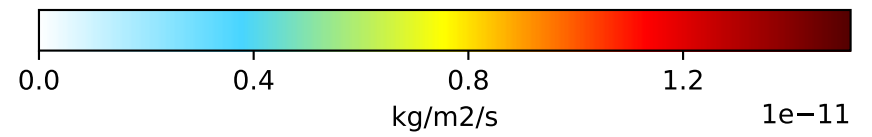
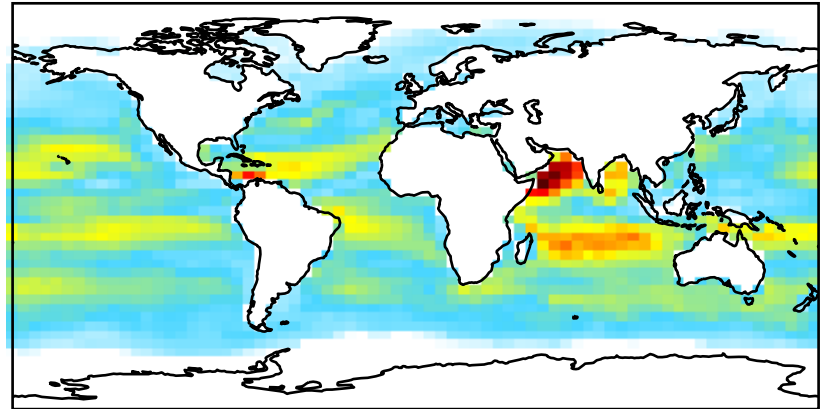


# EmisACET\_Ocean

GC\_12.7.0-rc.1 (Ref)  
4x5



GC\_12.7.0-rc.2 (Dev)  
4x5



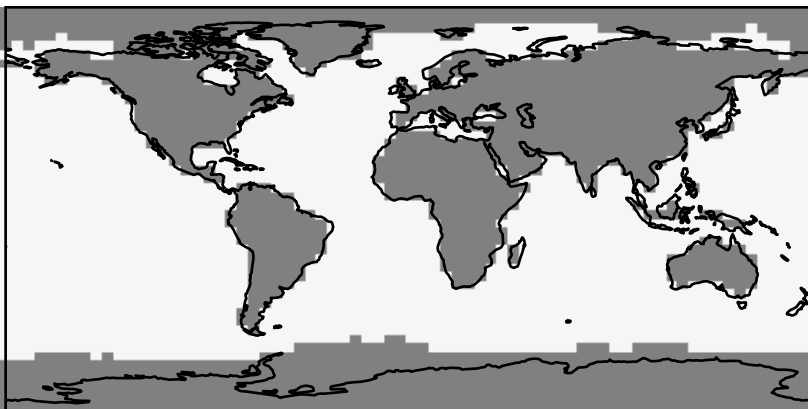
Difference  
Dev - Ref, Dynamic Range



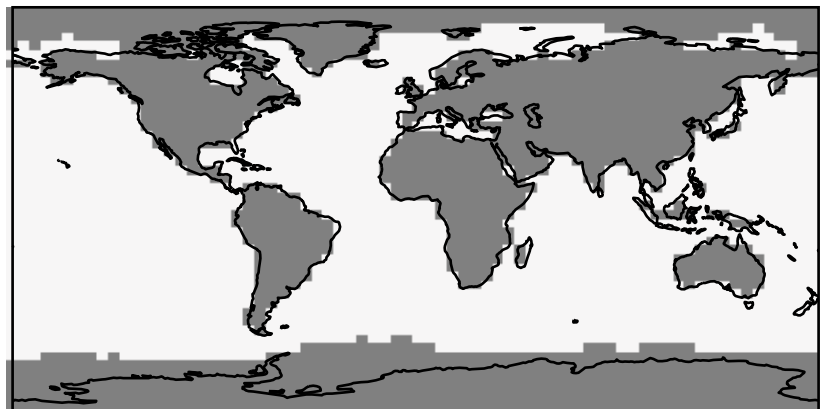
Difference  
Dev - Ref, Restricted Range [5%,95%]



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



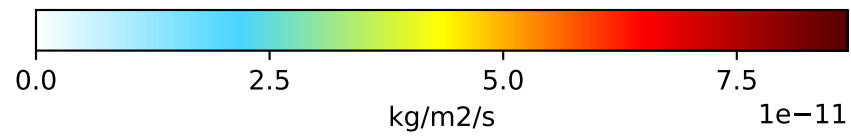
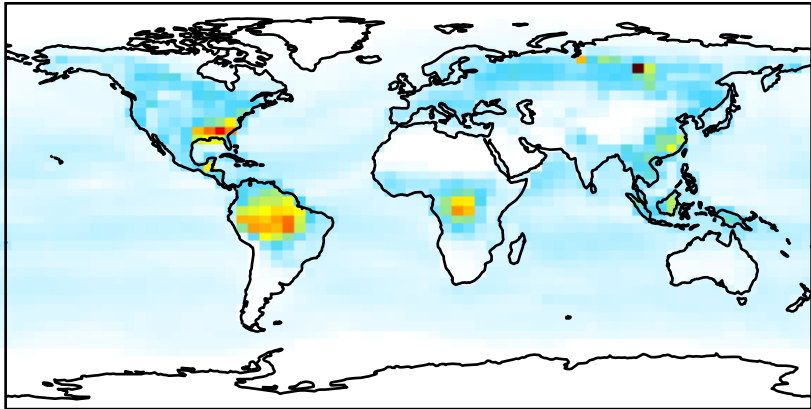
Fractional Difference  
(Dev-Ref)/Ref, Fixed Range



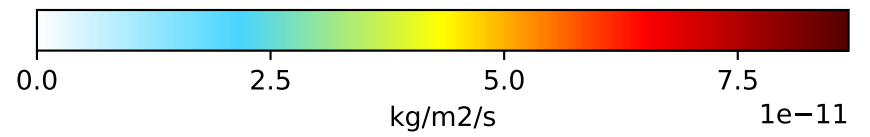
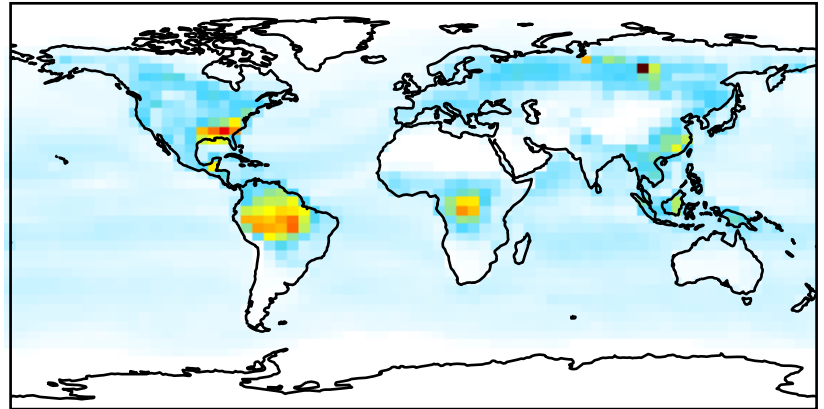


# EmisACET\_Total

GC\_12.7.0-rc.1 (Ref)  
4x5



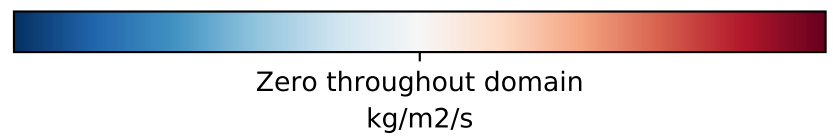
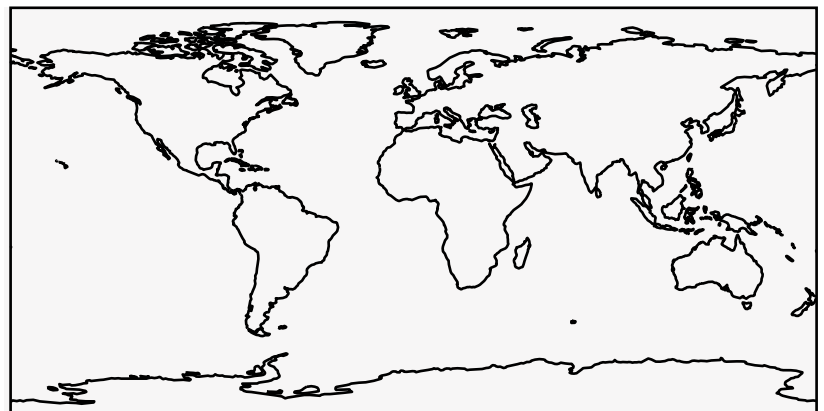
GC\_12.7.0-rc.2 (Dev)  
4x5



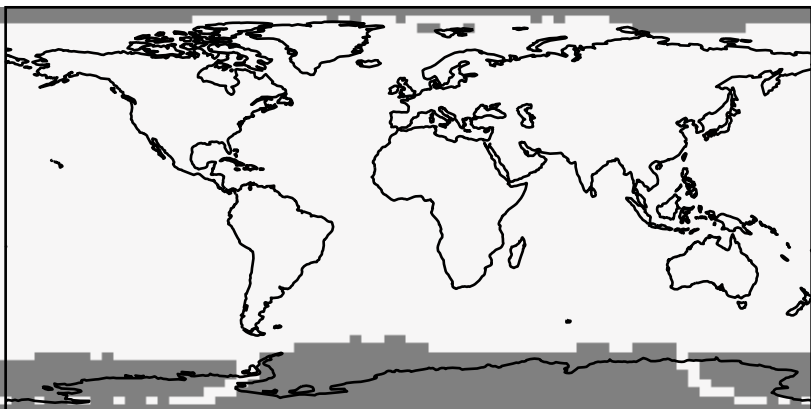
Difference  
Dev - Ref, Dynamic Range



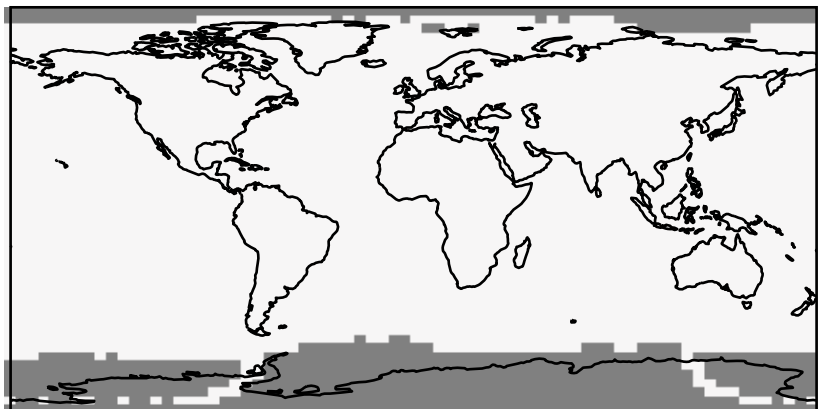
Difference  
Dev - Ref, Restricted Range [5%,95%]



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

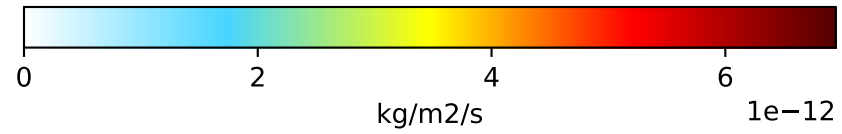
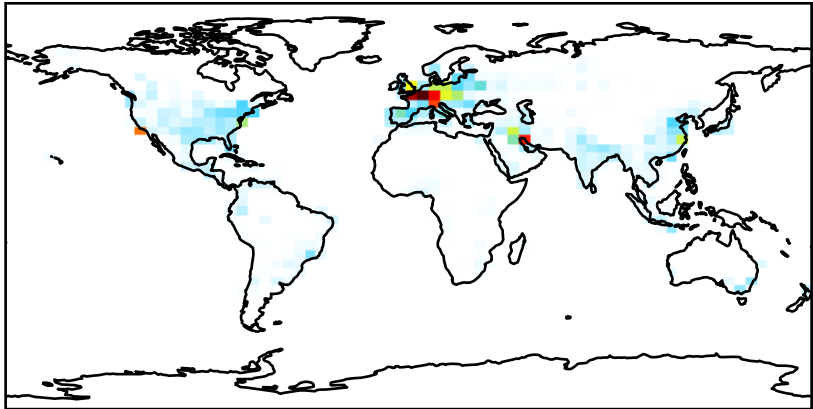


Fractional Difference  
(Dev-Ref)/Ref, Fixed Range

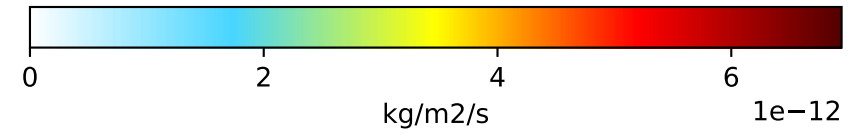
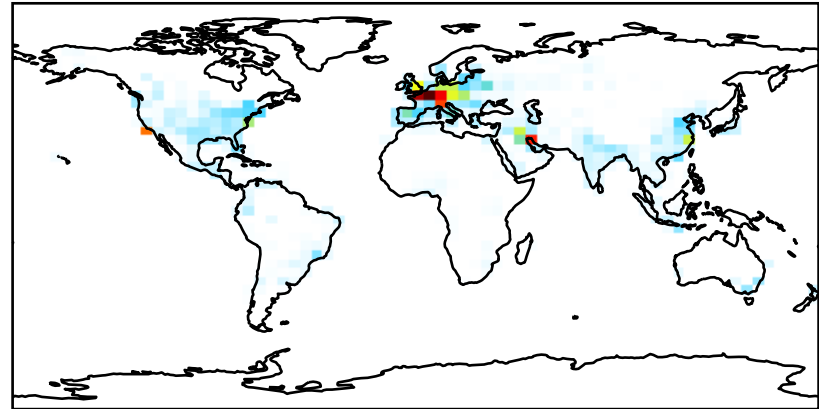


# EmisMEK\_Anthro

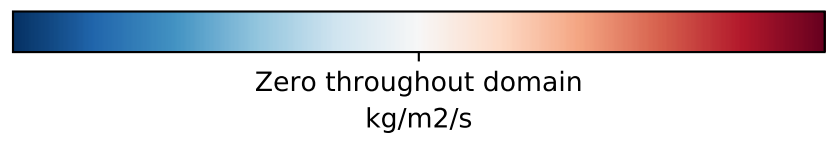
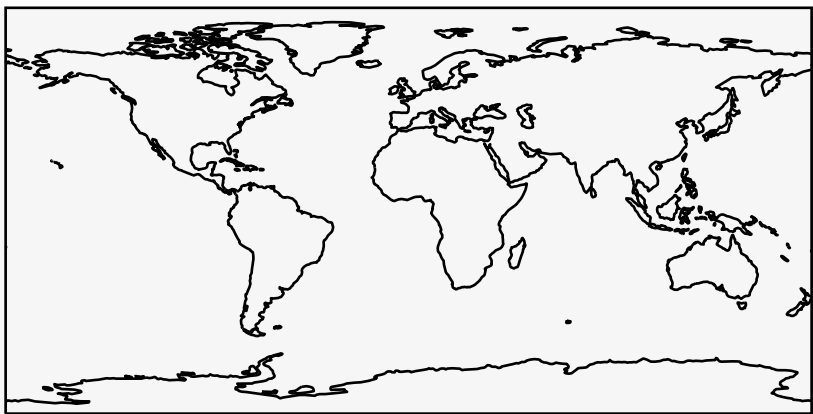
GC\_12.7.0-rc.1 (Ref)  
4x5



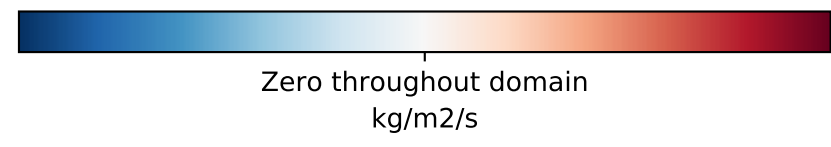
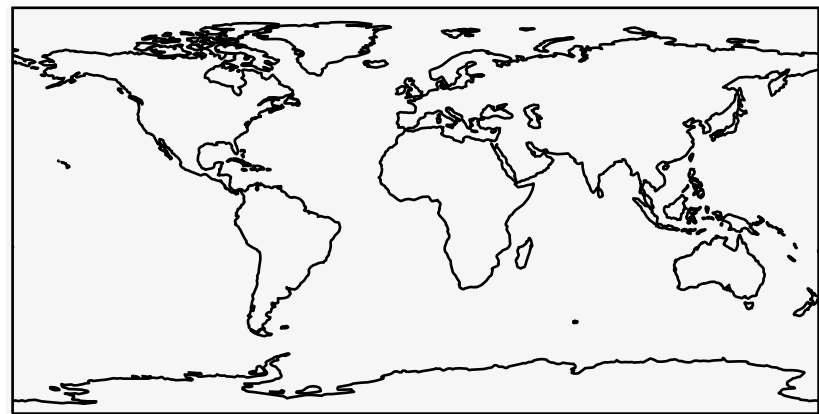
GC\_12.7.0-rc.2 (Dev)  
4x5



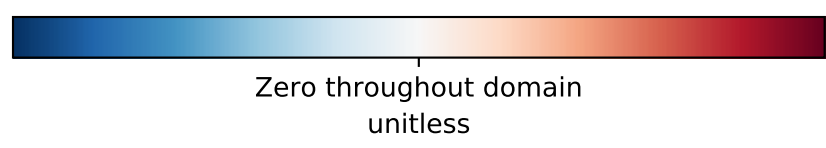
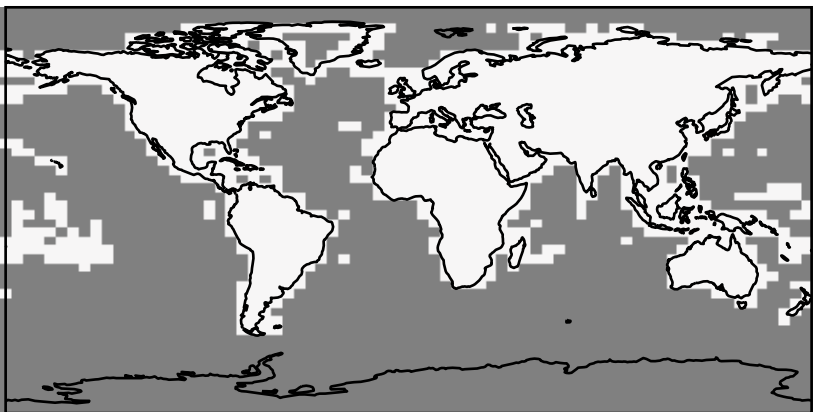
Difference  
Dev - Ref, Dynamic Range



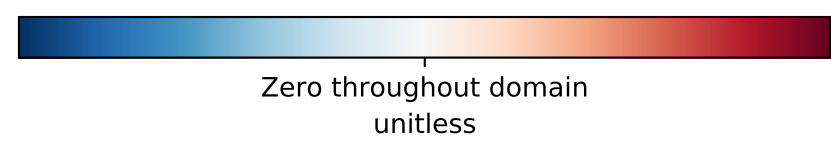
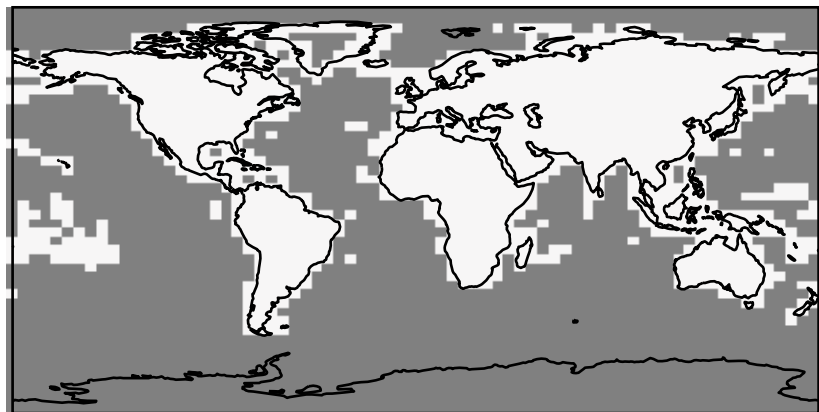
Difference  
Dev - Ref, Restricted Range [5%,95%]



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

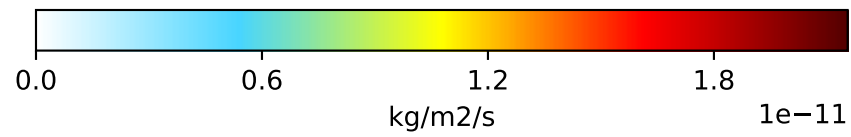
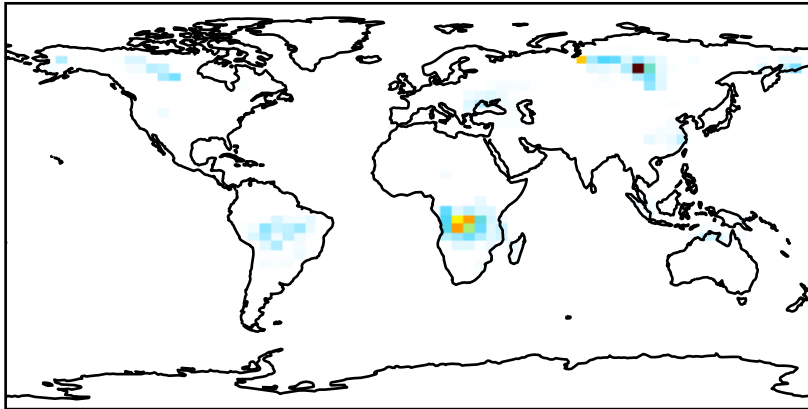


Fractional Difference  
(Dev-Ref)/Ref, Fixed Range

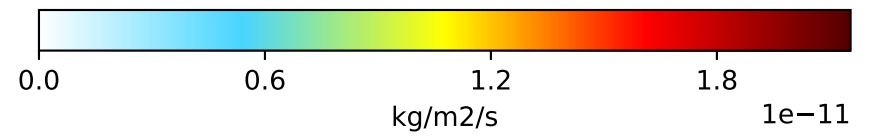
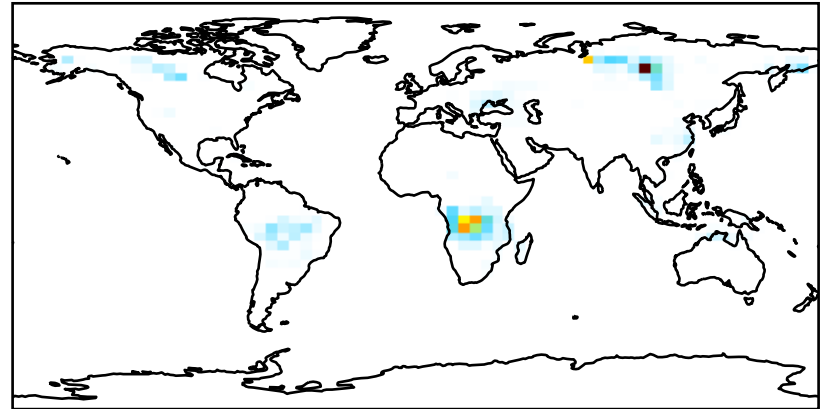


# EmisMEK\_BioBurn

GC\_12.7.0-rc.1 (Ref)  
4x5



GC\_12.7.0-rc.2 (Dev)  
4x5



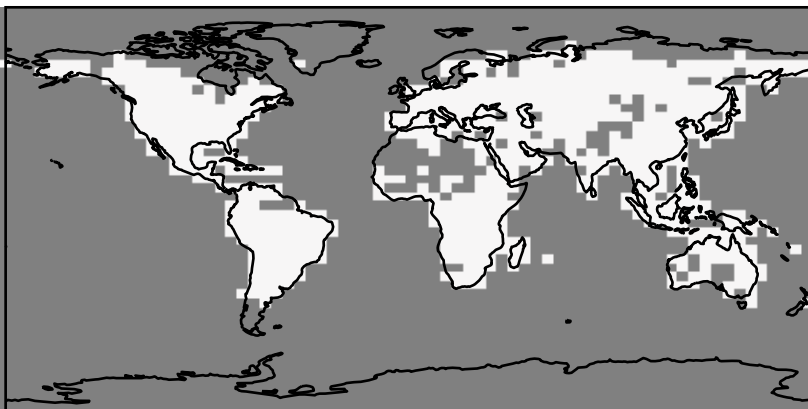
Difference  
Dev - Ref, Dynamic Range



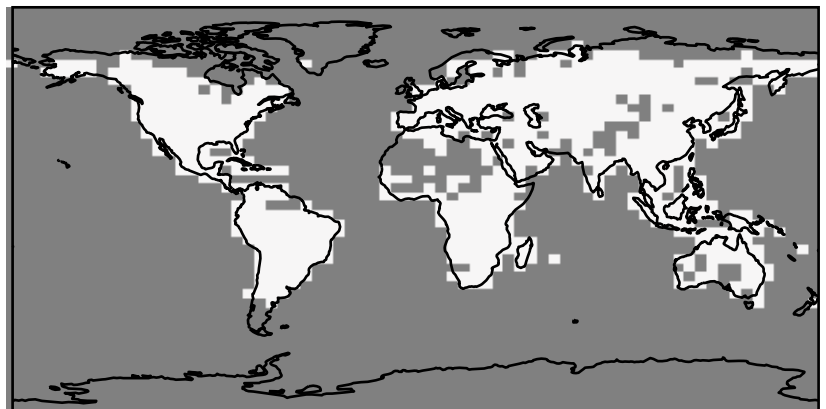
Difference  
Dev - Ref, Restricted Range [5%,95%]



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



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



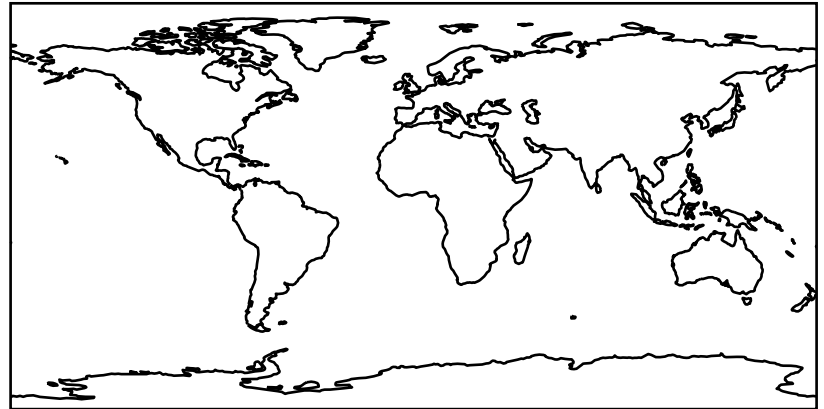
# EmisMEK\_Ship

GC\_12.7.0-rc.1 (Ref)  
4x5



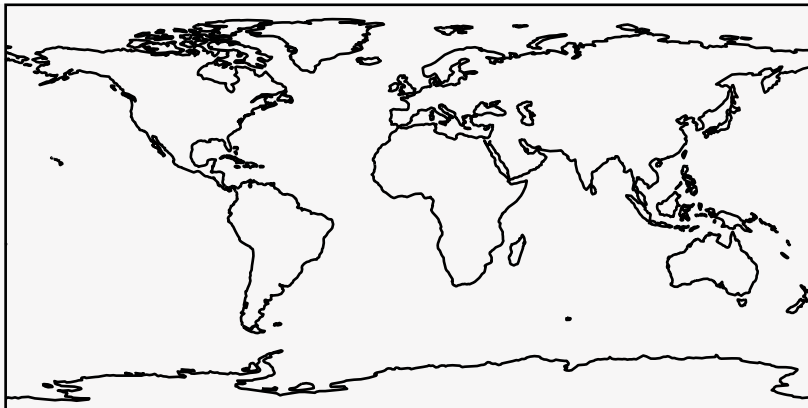
Zero throughout domain  
kg/m2/s

GC\_12.7.0-rc.2 (Dev)  
4x5



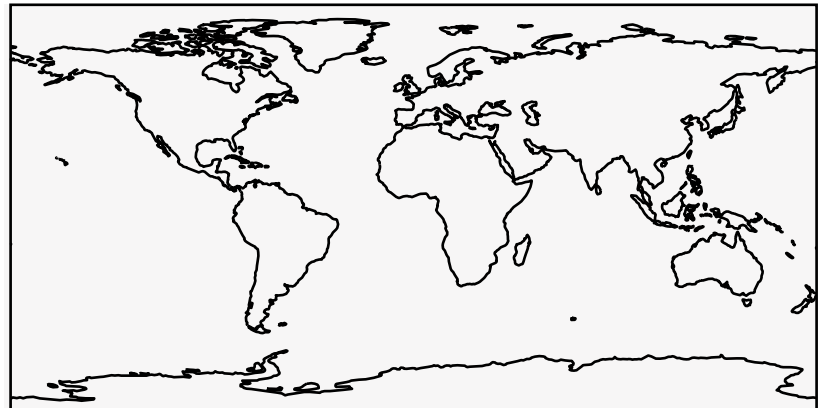
Zero throughout domain  
kg/m2/s

Difference  
Dev - Ref, Dynamic Range



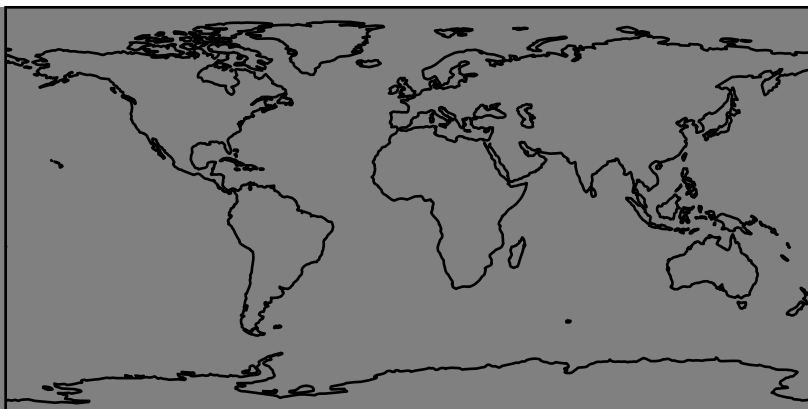
Zero throughout domain  
kg/m2/s

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



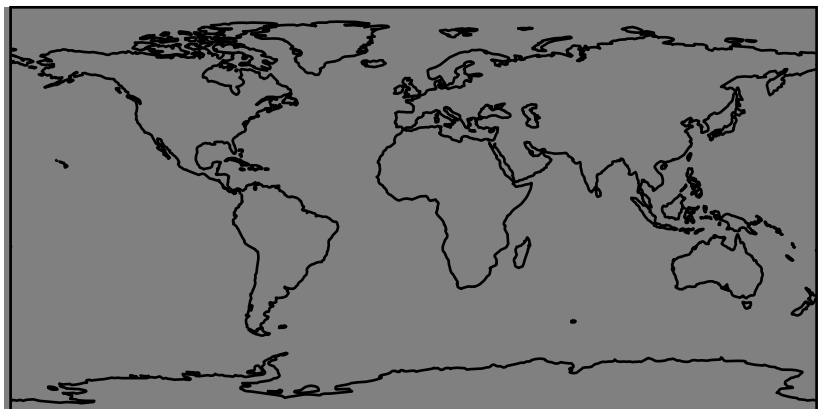
Zero throughout domain  
kg/m2/s

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



Undefined throughout domain  
unitless

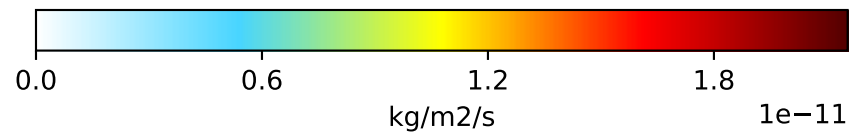
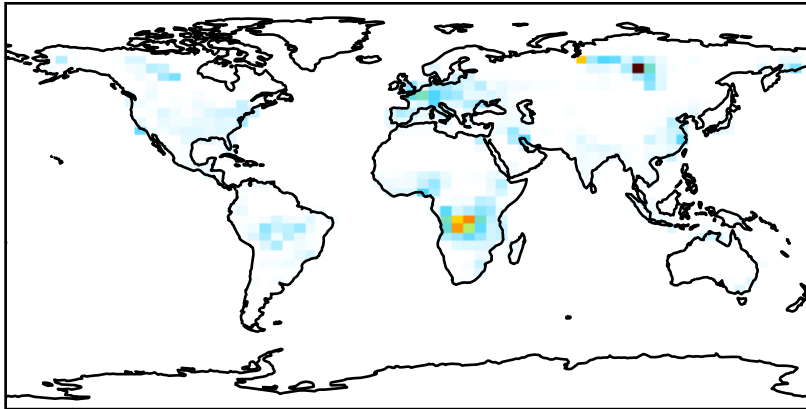
Fractional Difference  
(Dev-Ref)/Ref, Fixed Range



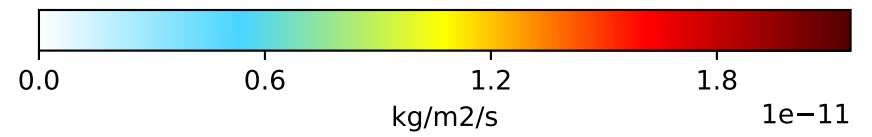
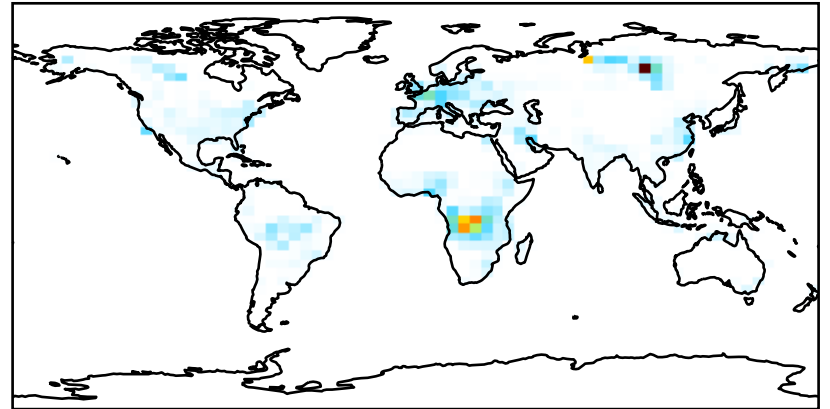
Undefined throughout domain  
unitless

# EmisMEK\_Total

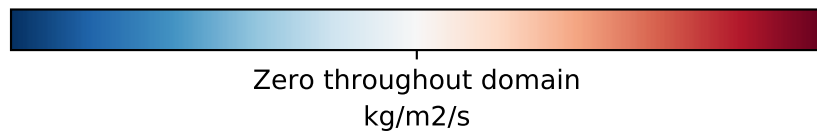
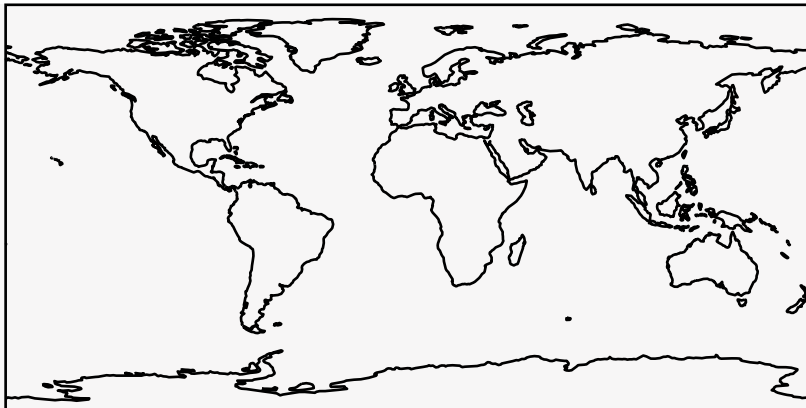
GC\_12.7.0-rc.1 (Ref)  
4x5



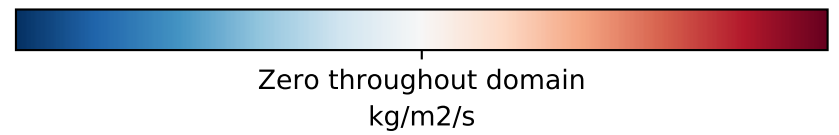
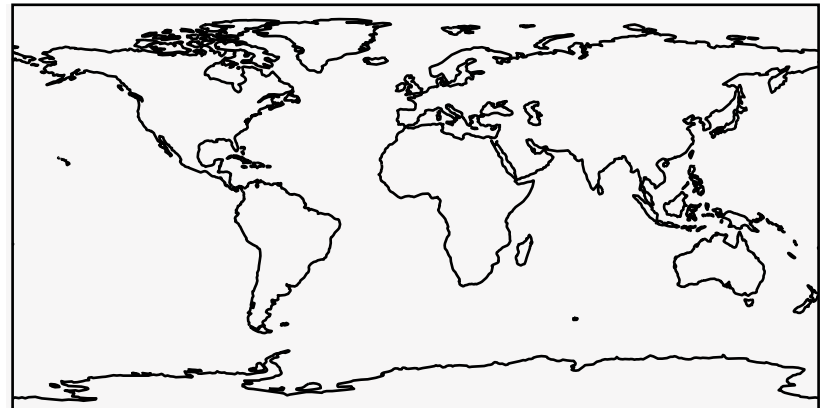
GC\_12.7.0-rc.2 (Dev)  
4x5



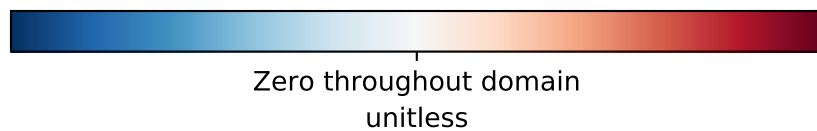
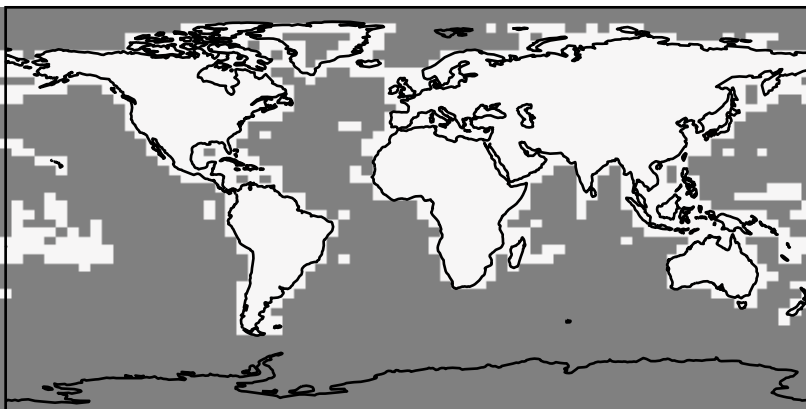
Difference  
Dev - Ref, Dynamic Range



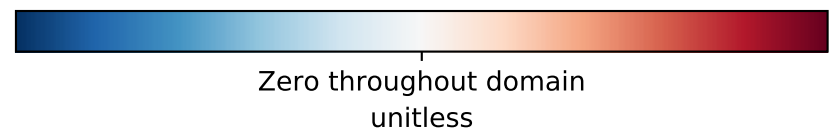
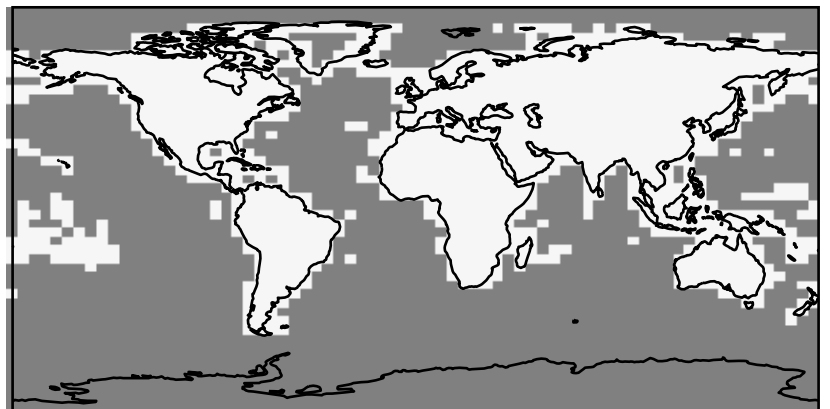
Difference  
Dev - Ref, Restricted Range [5%,95%]



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



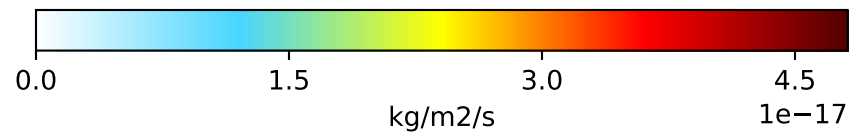
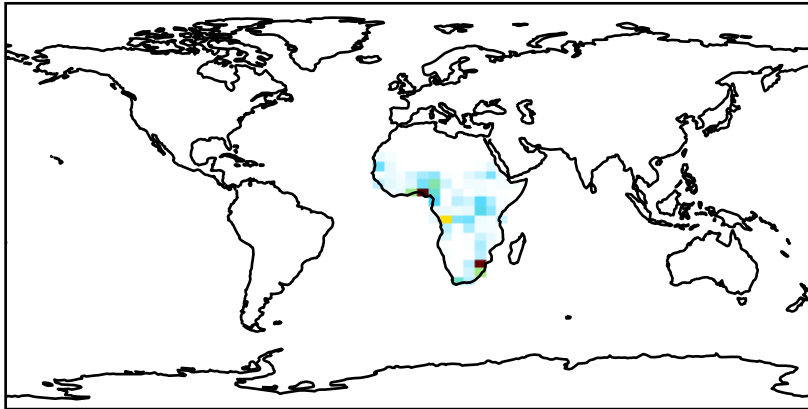
Fractional Difference  
(Dev-Ref)/Ref, Fixed Range



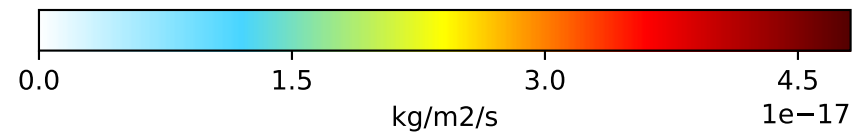
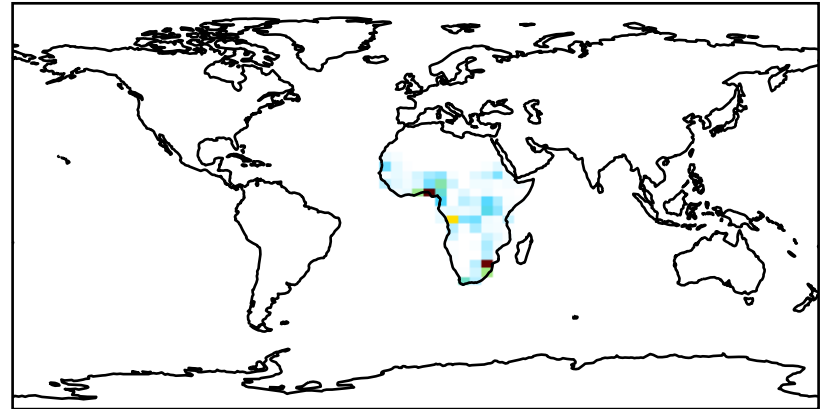


# EmisMVK\_Anthro

GC\_12.7.0-rc.1 (Ref)  
4x5



GC\_12.7.0-rc.2 (Dev)  
4x5



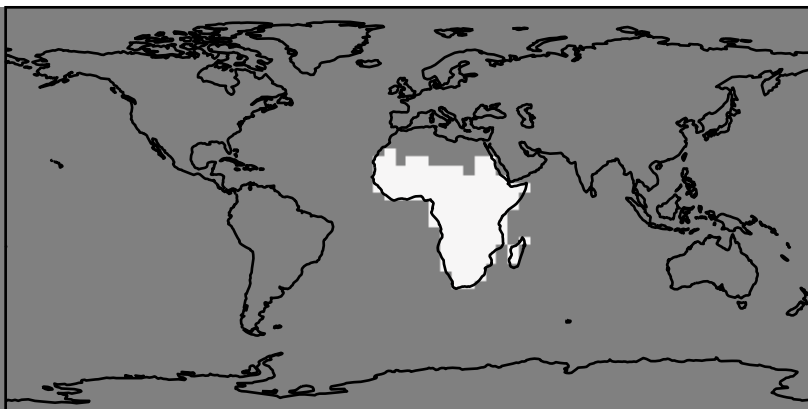
Difference  
Dev - Ref, Dynamic Range



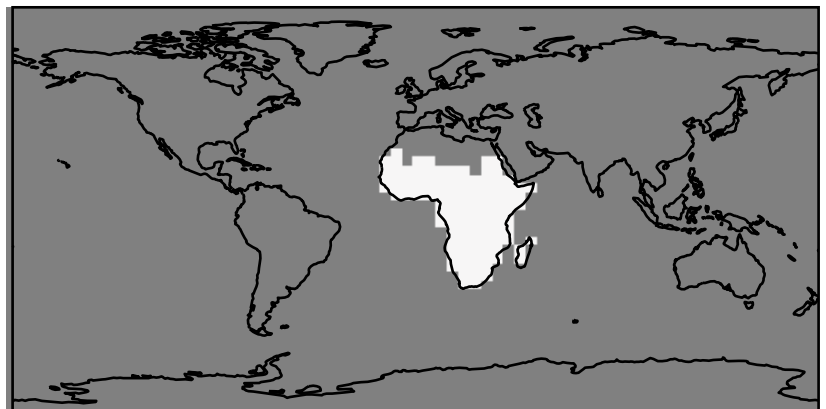
Difference  
Dev - Ref, Restricted Range [5%,95%]



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

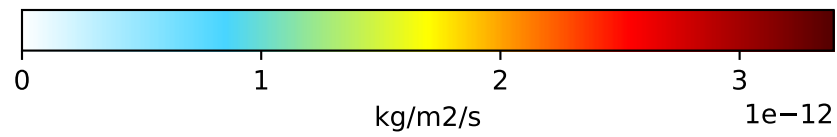
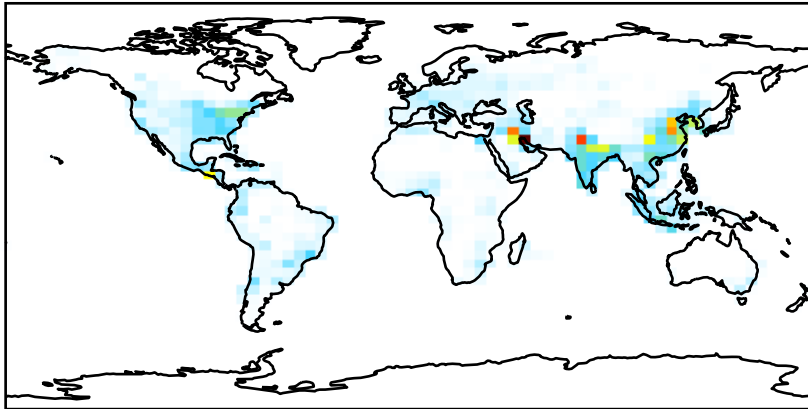


Fractional Difference  
(Dev-Ref)/Ref, Fixed Range

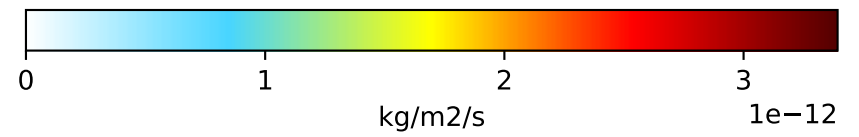
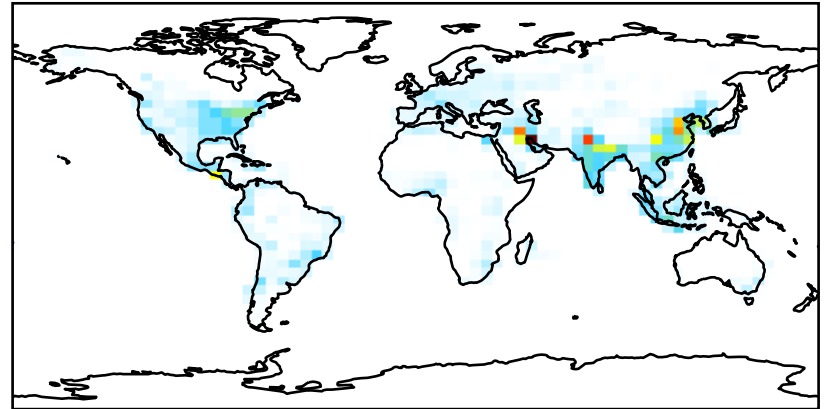


# EmisALD2\_Anthro

GC\_12.7.0-rc.1 (Ref)  
4x5



GC\_12.7.0-rc.2 (Dev)  
4x5



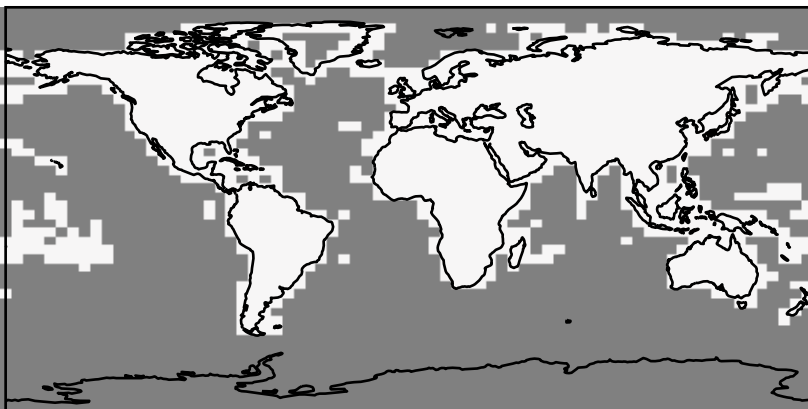
Difference  
Dev - Ref, Dynamic Range



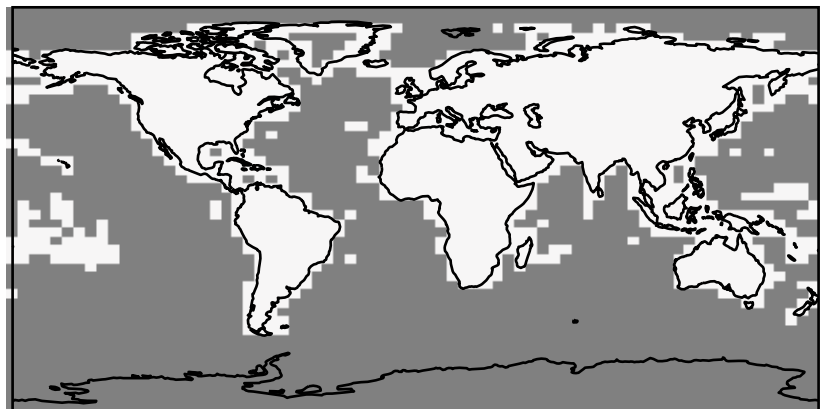
Difference  
Dev - Ref, Restricted Range [5%,95%]



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

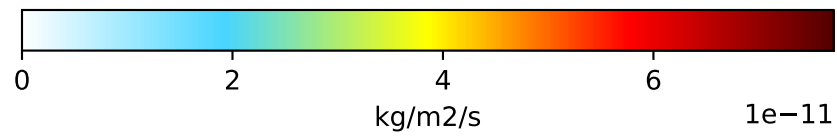
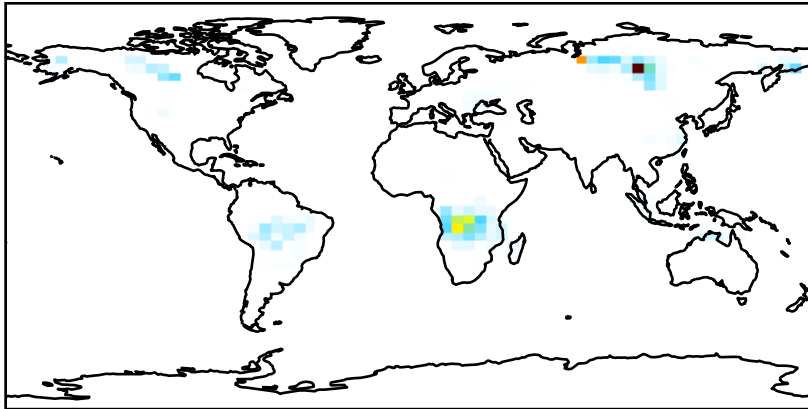


Fractional Difference  
(Dev-Ref)/Ref, Fixed Range

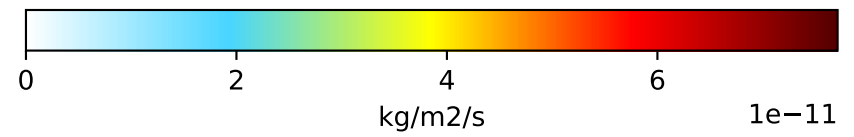
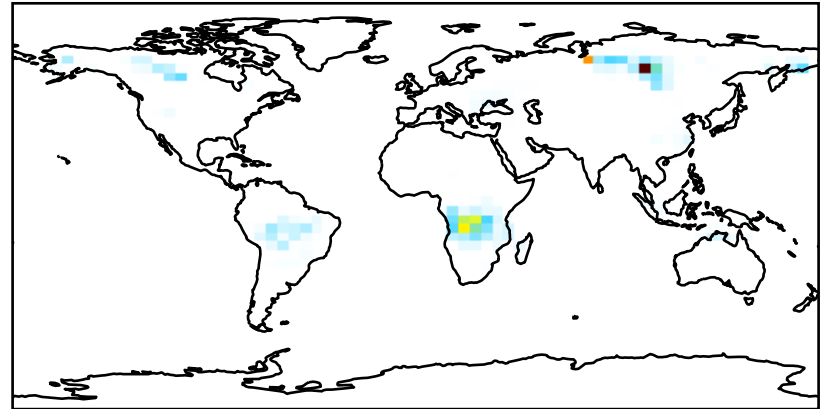


# EmisALD2\_BioBurn

GC\_12.7.0-rc.1 (Ref)  
4x5



GC\_12.7.0-rc.2 (Dev)  
4x5



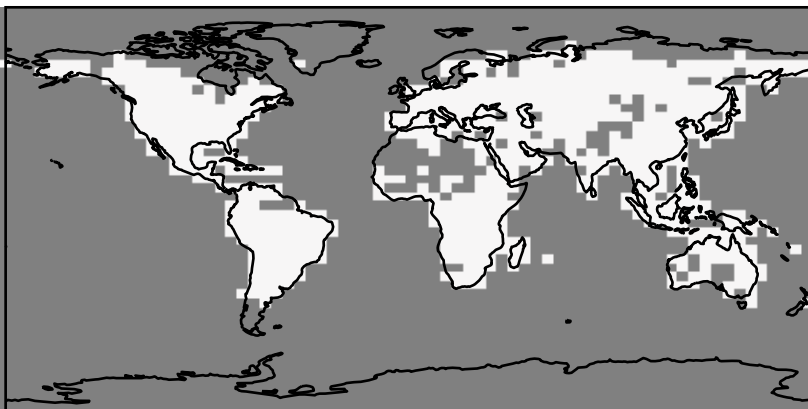
Difference  
Dev - Ref, Dynamic Range



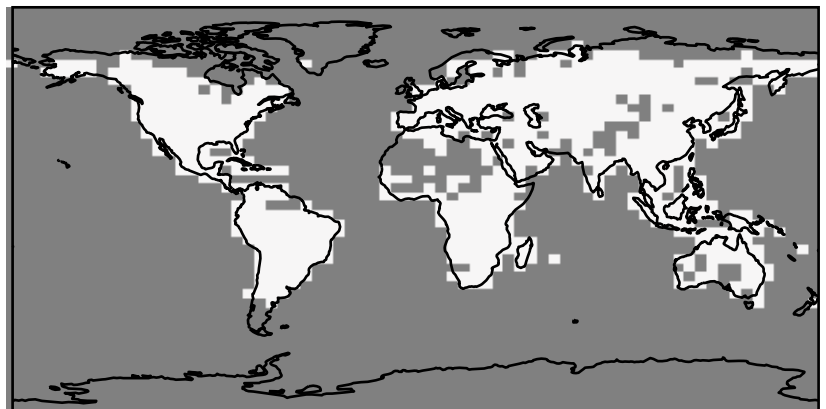
Difference  
Dev - Ref, Restricted Range [5%,95%]



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

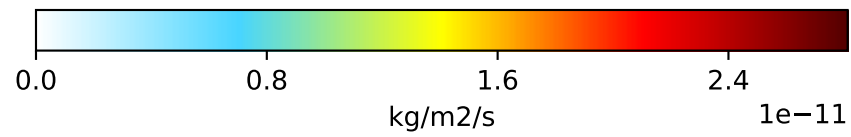
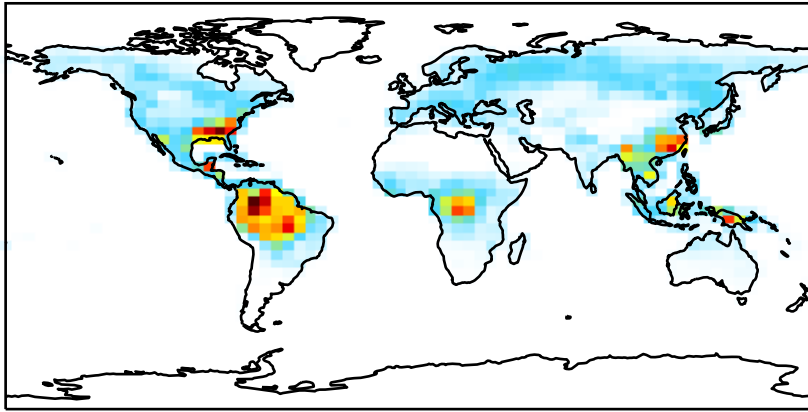


Fractional Difference  
(Dev-Ref)/Ref, Fixed Range

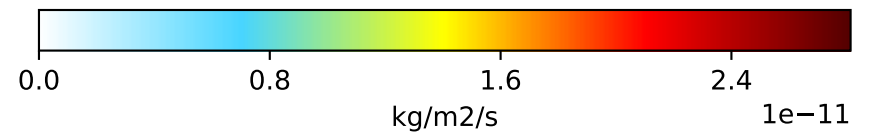
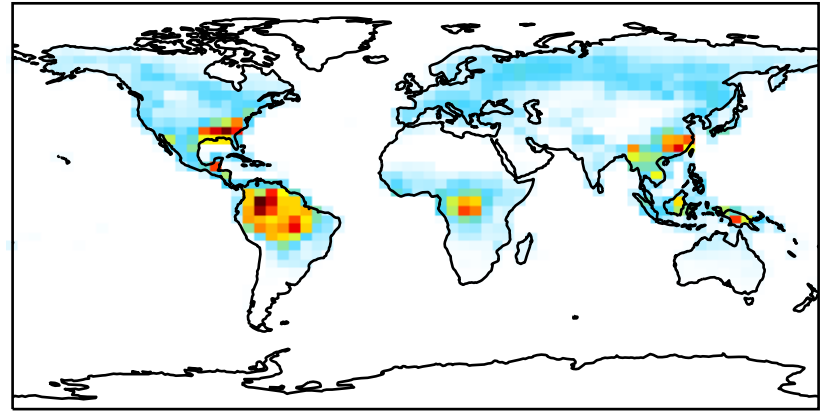


# EmisALD2\_Biogenic

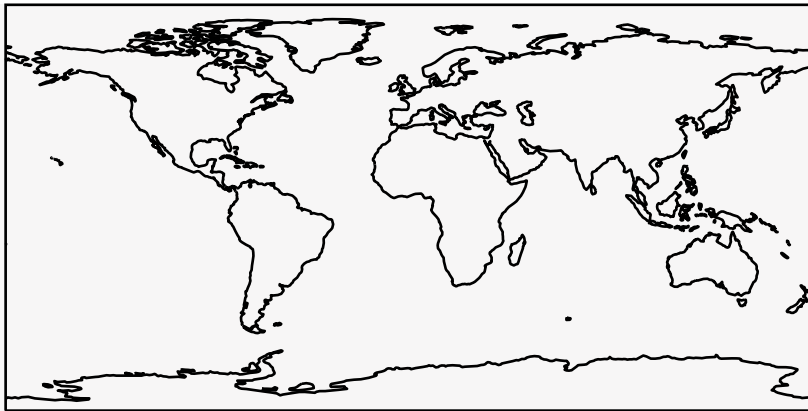
GC\_12.7.0-rc.1 (Ref)  
4x5



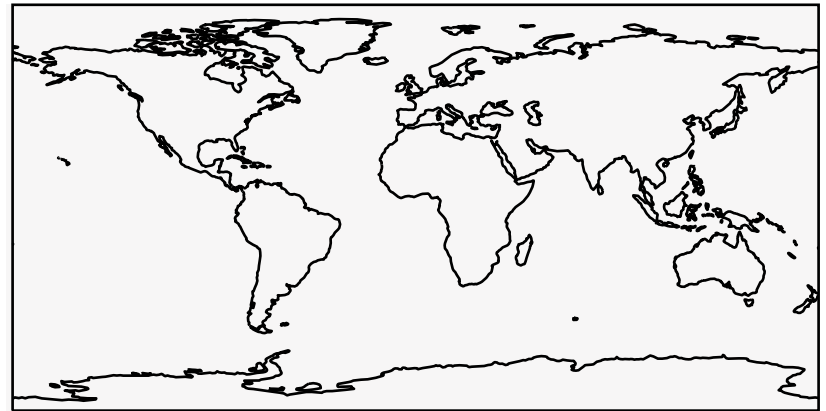
GC\_12.7.0-rc.2 (Dev)  
4x5



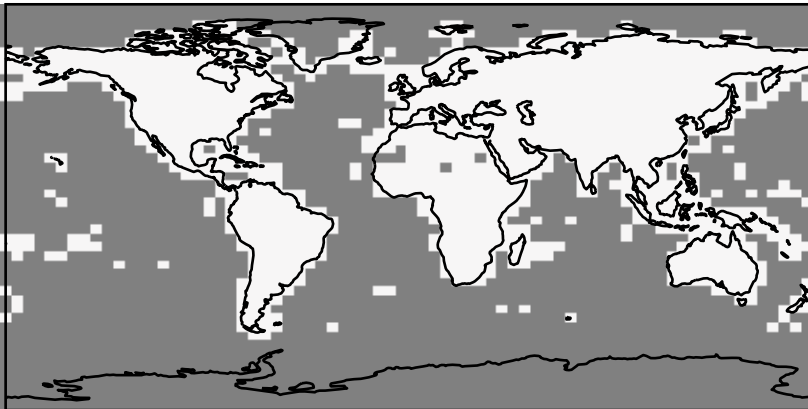
Difference  
Dev - Ref, Dynamic Range



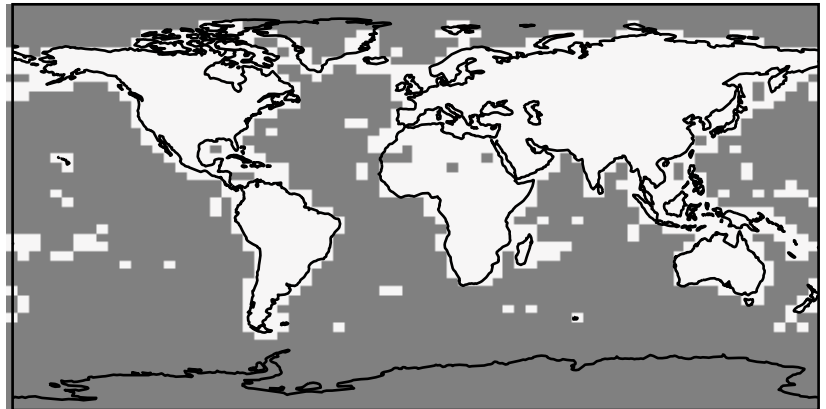
Difference  
Dev - Ref, Restricted Range [5%,95%]



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

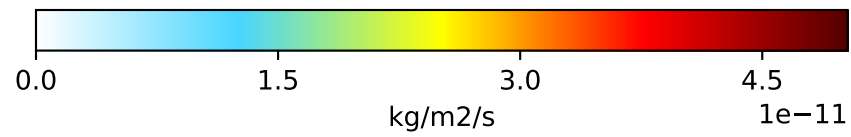
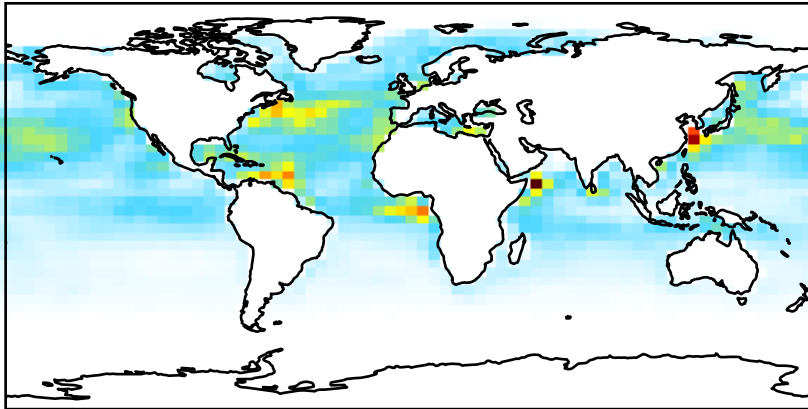


Fractional Difference  
(Dev-Ref)/Ref, Fixed Range

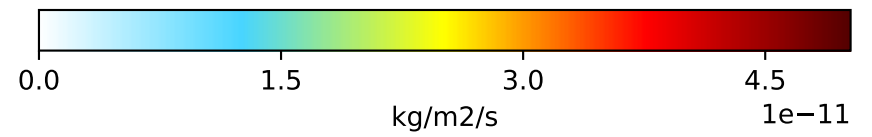
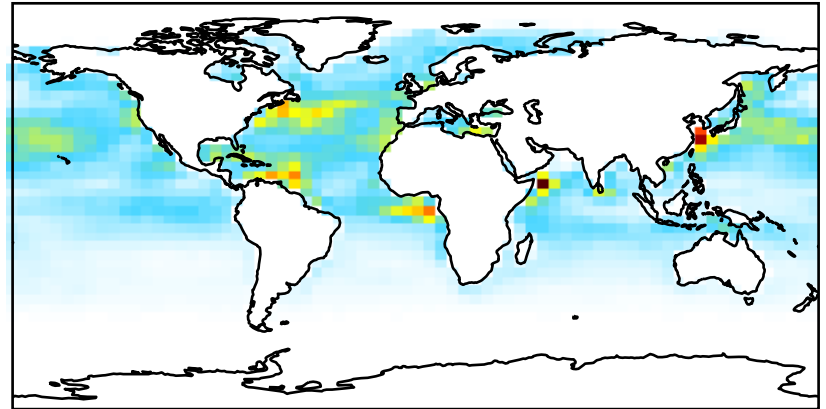


# EmisALD2\_Ocean

GC\_12.7.0-rc.1 (Ref)  
4x5



GC\_12.7.0-rc.2 (Dev)  
4x5



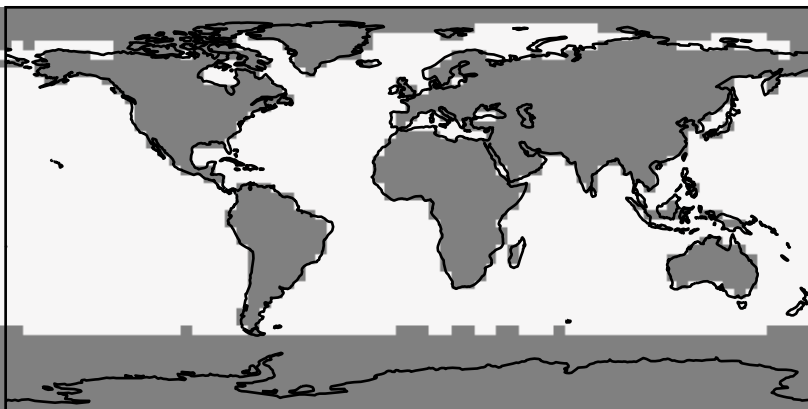
Difference  
Dev - Ref, Dynamic Range



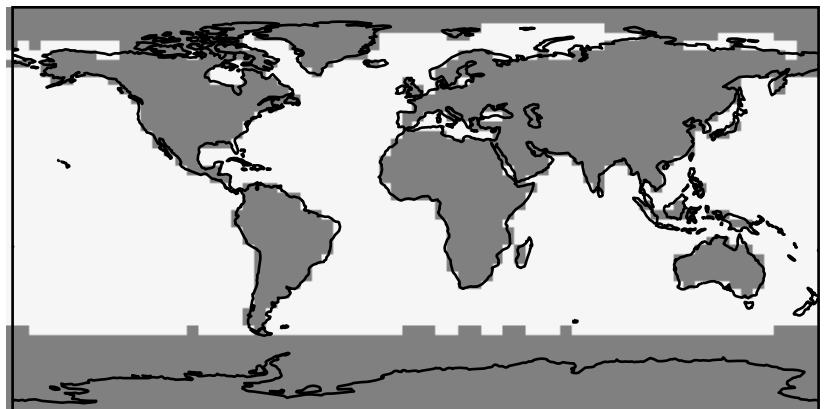
Difference  
Dev - Ref, Restricted Range [5%,95%]



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



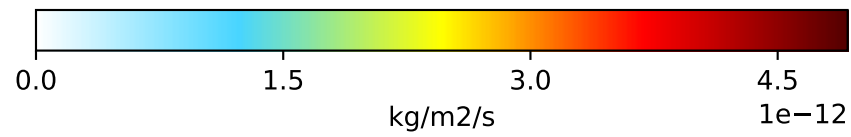
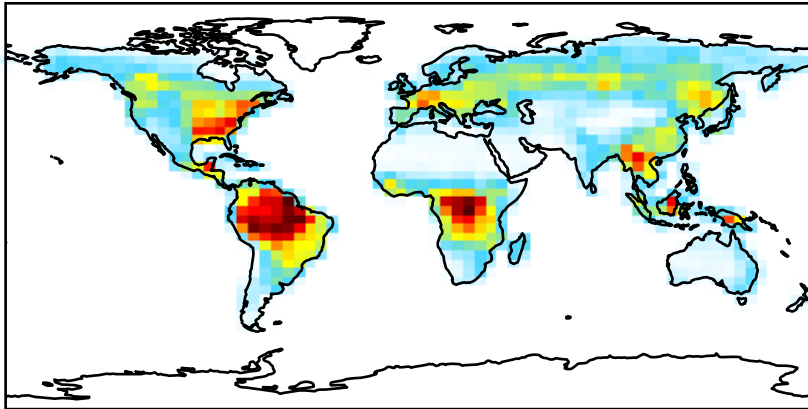
Fractional Difference  
(Dev-Ref)/Ref, Fixed Range



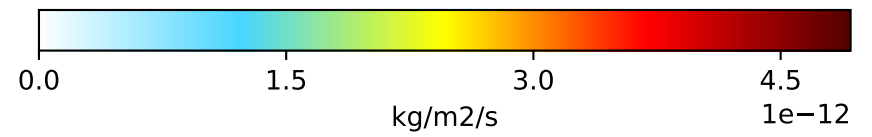
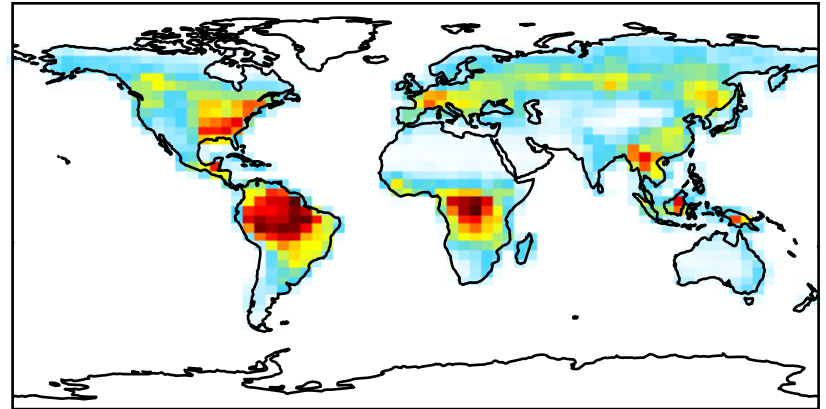


# EmisALD2\_PlantDecay

GC\_12.7.0-rc.1 (Ref)  
4x5



GC\_12.7.0-rc.2 (Dev)  
4x5



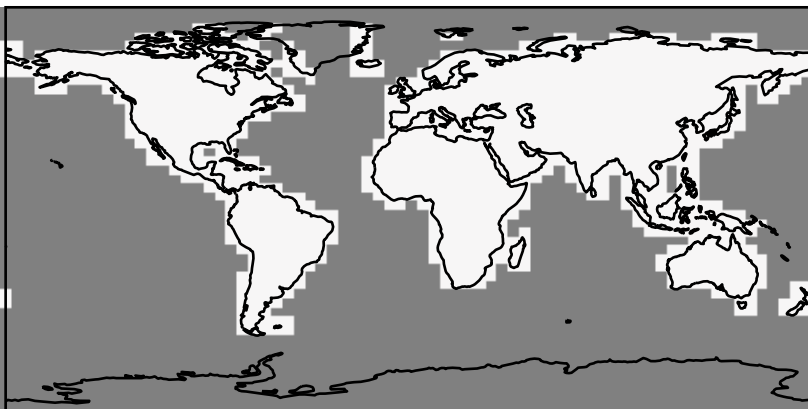
Difference  
Dev - Ref, Dynamic Range



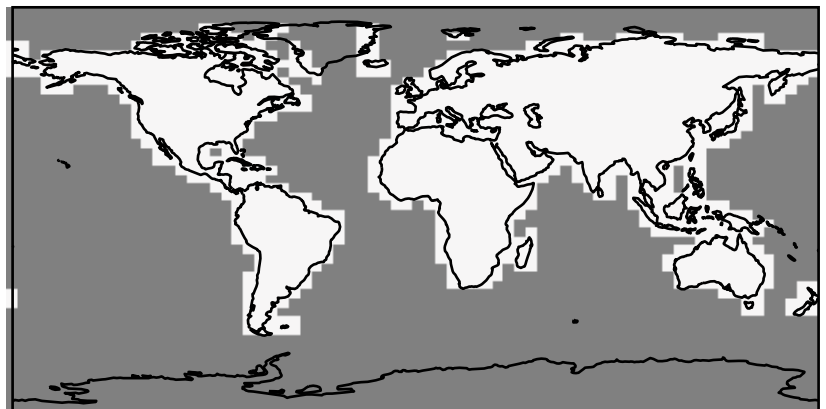
Difference  
Dev - Ref, Restricted Range [5%,95%]



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



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



# EmisALD2\_Ship

GC\_12.7.0-rc.1 (Ref)  
4x5



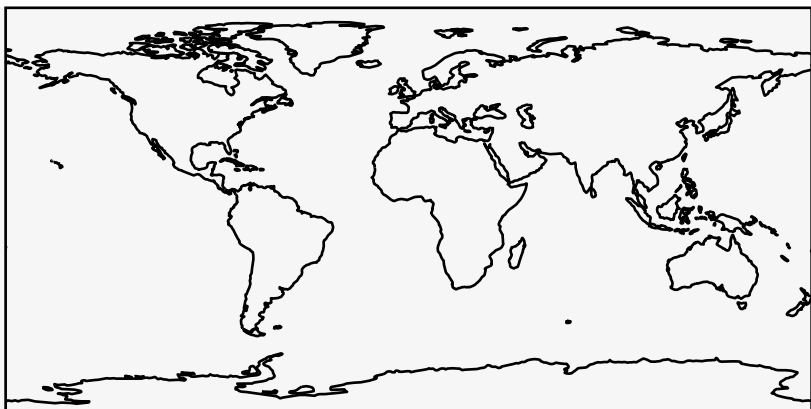
Zero throughout domain  
kg/m2/s

GC\_12.7.0-rc.2 (Dev)  
4x5



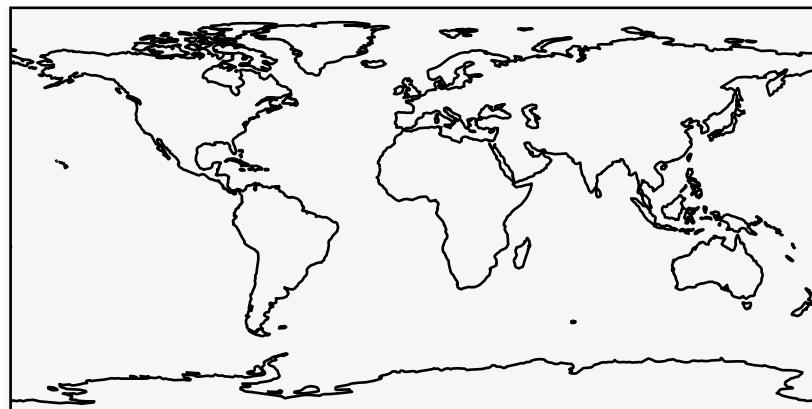
Zero throughout domain  
kg/m2/s

Difference  
Dev - Ref, Dynamic Range



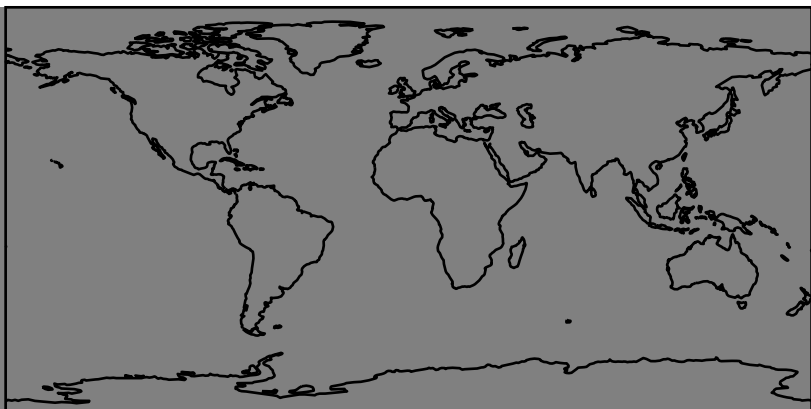
Zero throughout domain  
kg/m2/s

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



Zero throughout domain  
kg/m2/s

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



Undefined throughout domain  
unitless

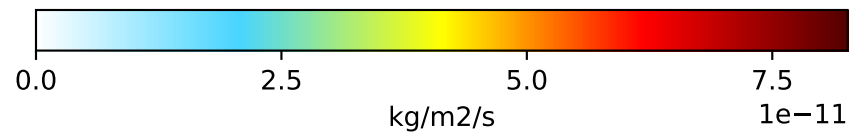
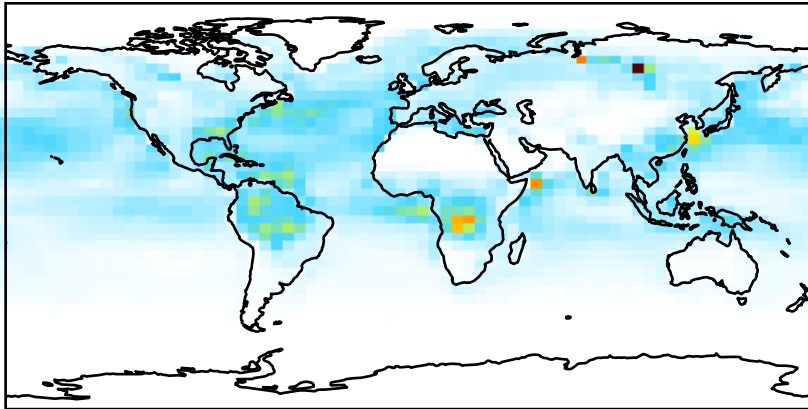
Fractional Difference  
(Dev-Ref)/Ref, Fixed Range



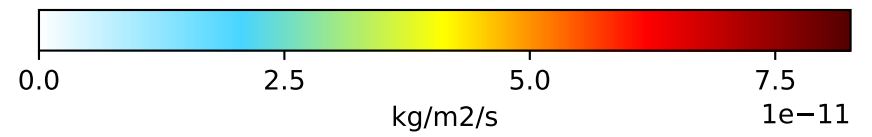
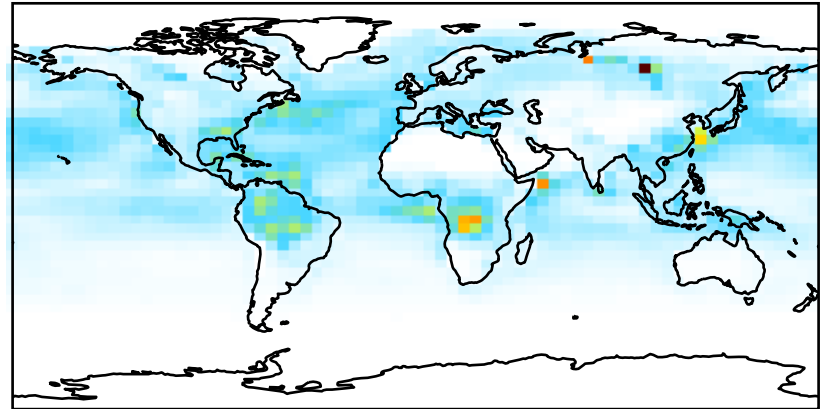
Undefined throughout domain  
unitless

# EmisALD2\_Total

GC\_12.7.0-rc.1 (Ref)  
4x5



GC\_12.7.0-rc.2 (Dev)  
4x5



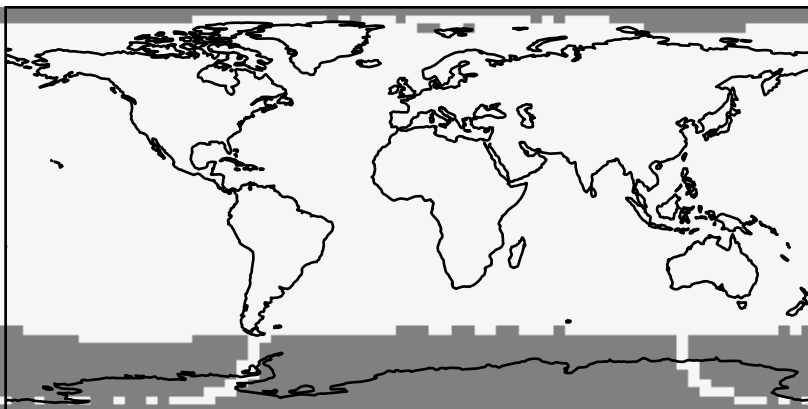
Difference  
Dev - Ref, Dynamic Range



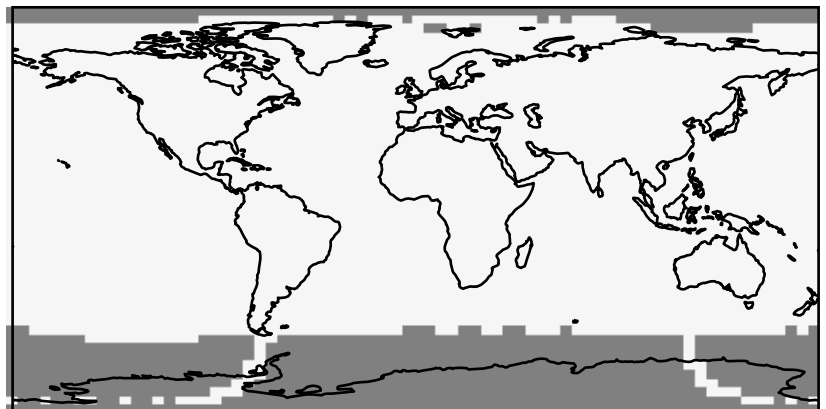
Difference  
Dev - Ref, Restricted Range [5%,95%]



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

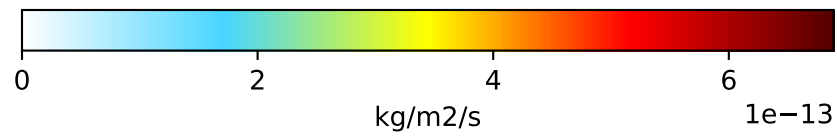
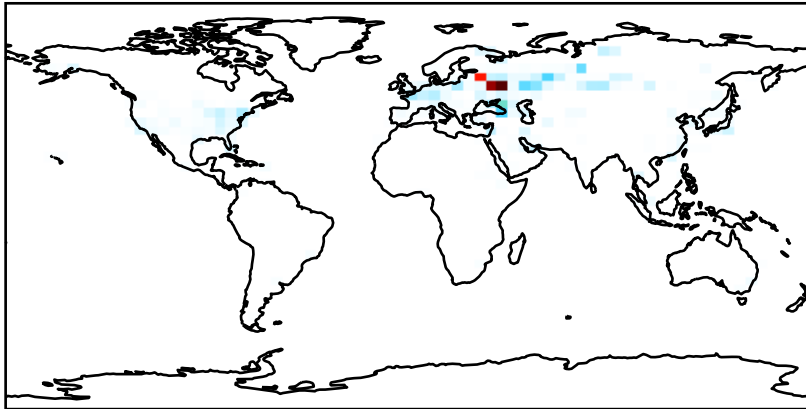


Fractional Difference  
(Dev-Ref)/Ref, Fixed Range

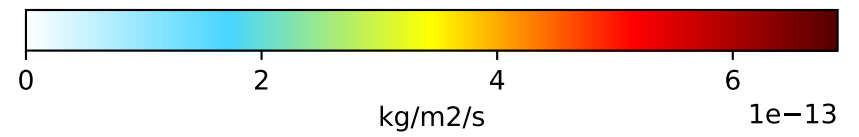
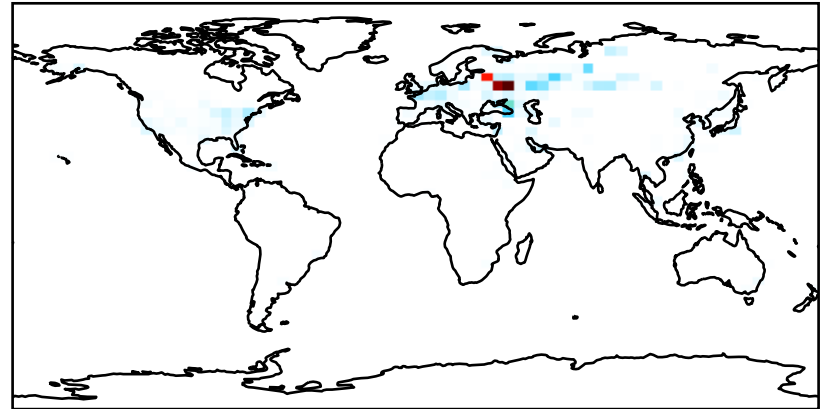


# EmisCH20\_Aircraft

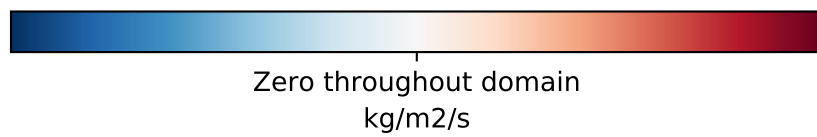
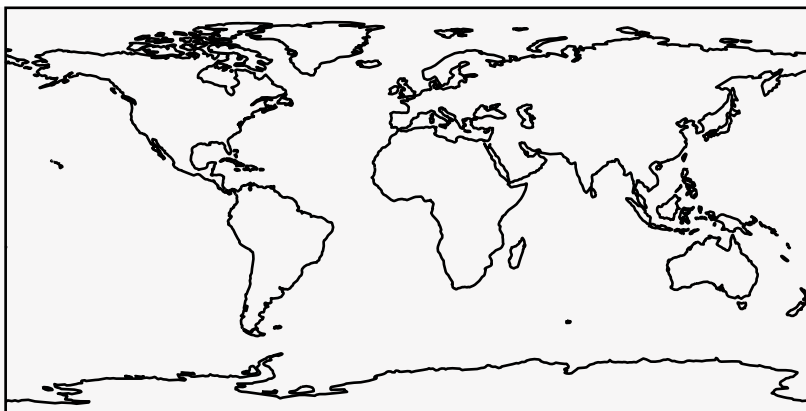
GC\_12.7.0-rc.1 (Ref)  
4x5



GC\_12.7.0-rc.2 (Dev)  
4x5



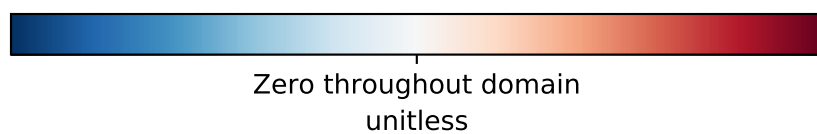
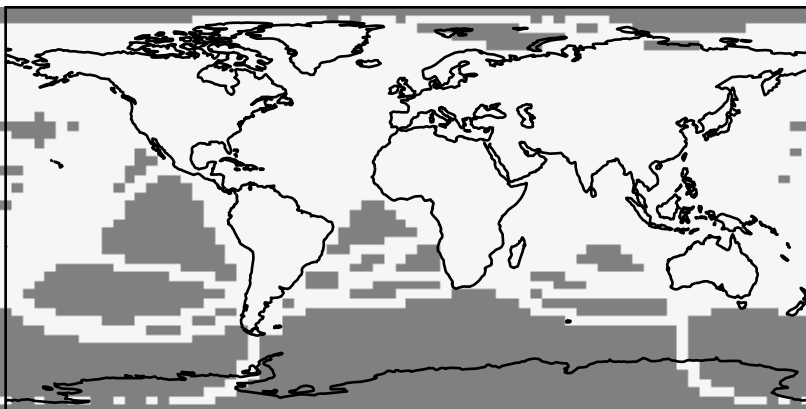
Difference  
Dev - Ref, Dynamic Range



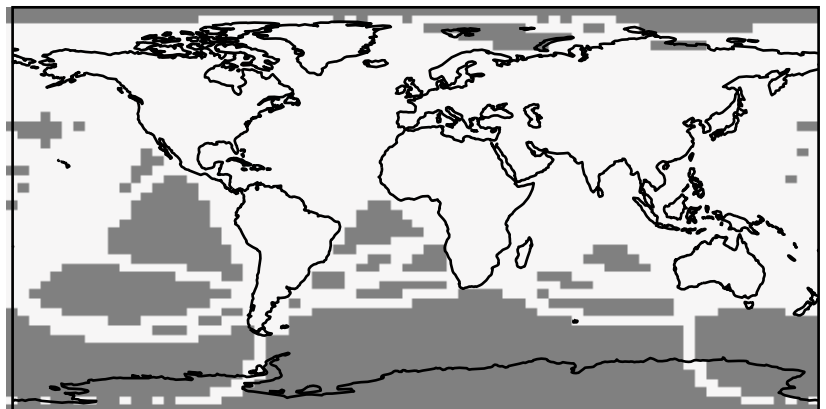
Difference  
Dev - Ref, Restricted Range [5%,95%]



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

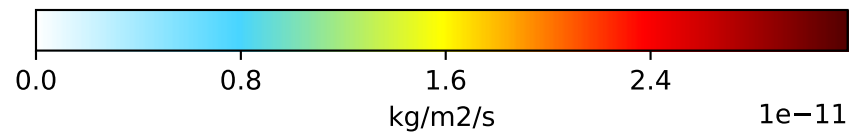
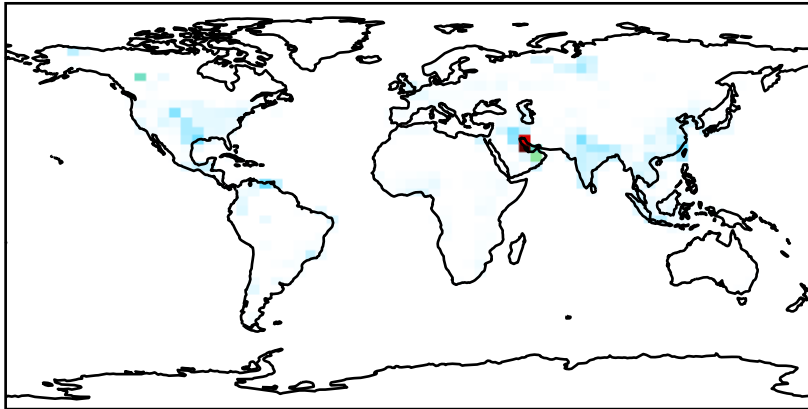


Fractional Difference  
(Dev-Ref)/Ref, Fixed Range

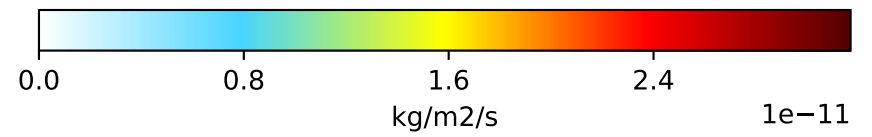
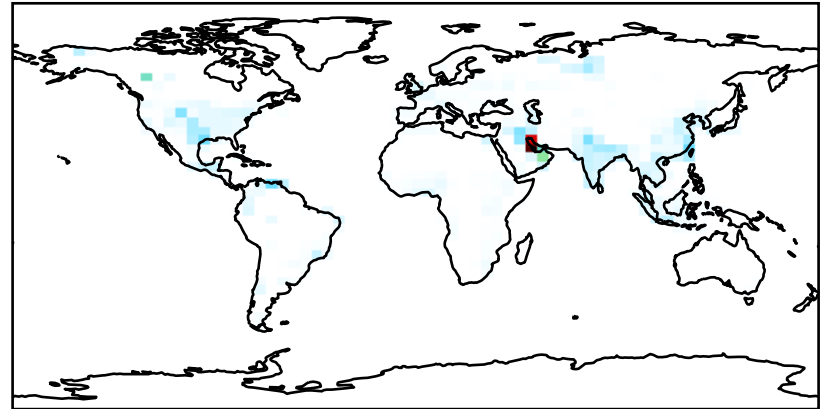


# EmisCH2O\_Anthro

GC\_12.7.0-rc.1 (Ref)  
4x5



GC\_12.7.0-rc.2 (Dev)  
4x5



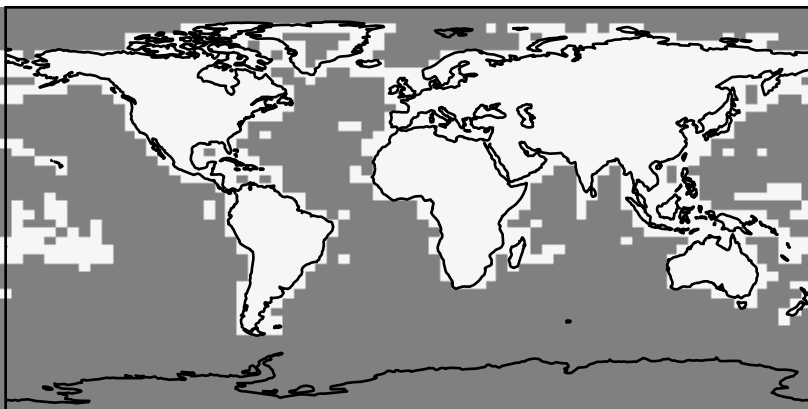
Difference  
Dev - Ref, Dynamic Range



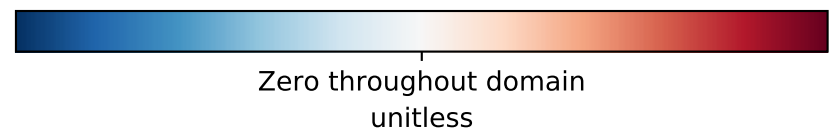
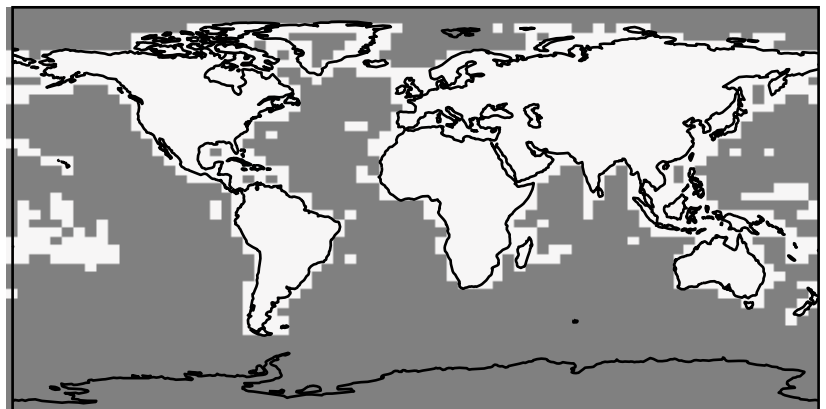
Difference  
Dev - Ref, Restricted Range [5%,95%]



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



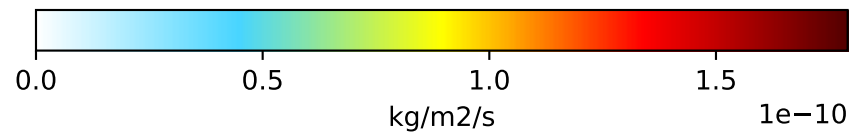
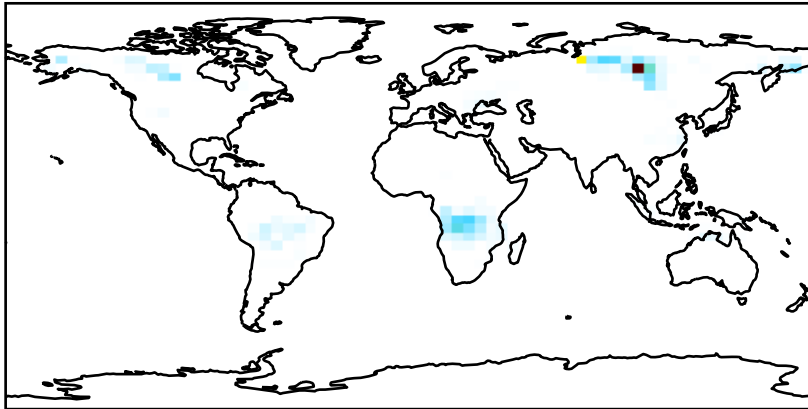
Fractional Difference  
(Dev-Ref)/Ref, Fixed Range



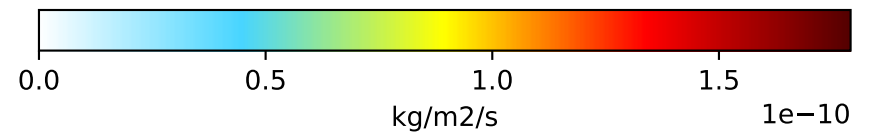
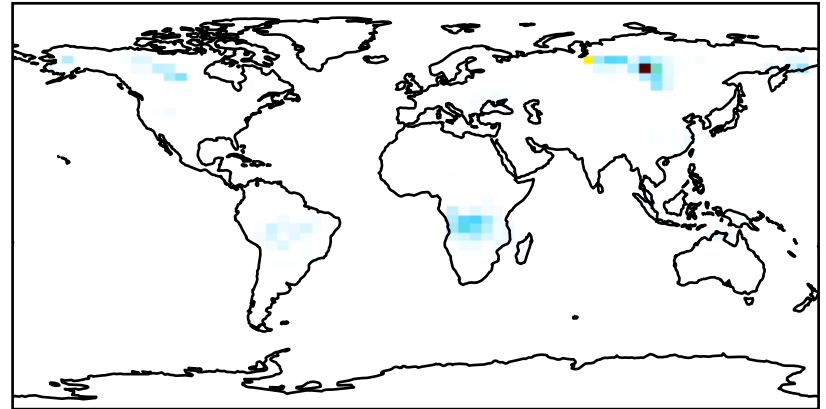


# EmisCH2O\_BioBurn

GC\_12.7.0-rc.1 (Ref)  
4x5



GC\_12.7.0-rc.2 (Dev)  
4x5



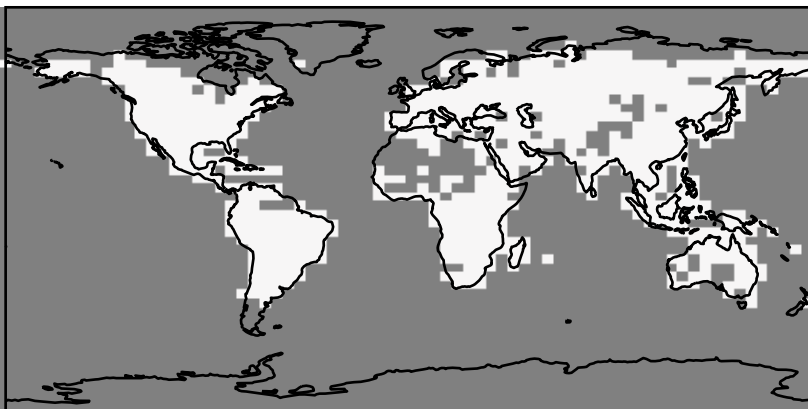
Difference  
Dev - Ref, Dynamic Range



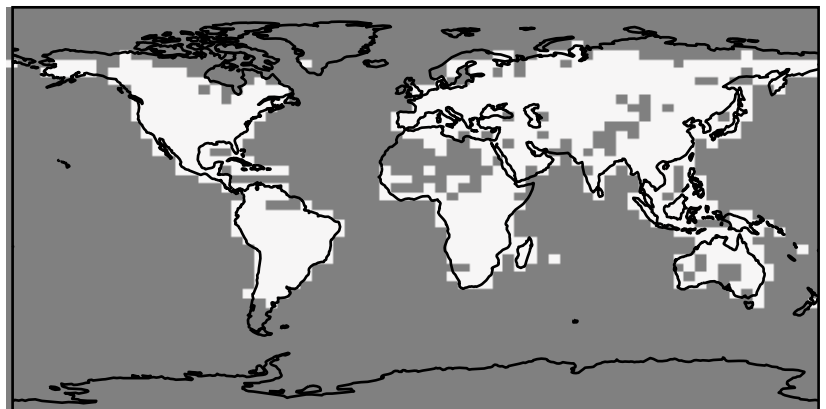
Difference  
Dev - Ref, Restricted Range [5%,95%]



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

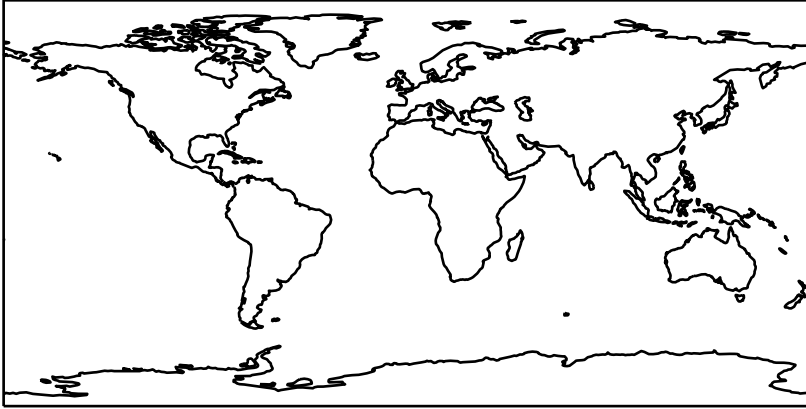


Fractional Difference  
(Dev-Ref)/Ref, Fixed Range



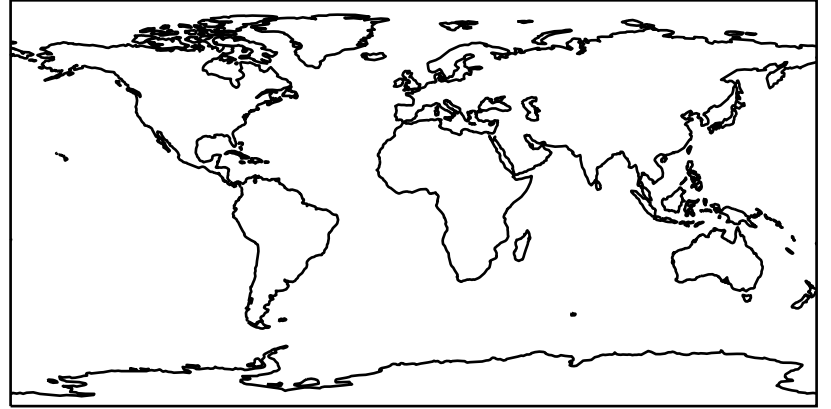
# EmisCH20\_Ship

GC\_12.7.0-rc.1 (Ref)  
4x5



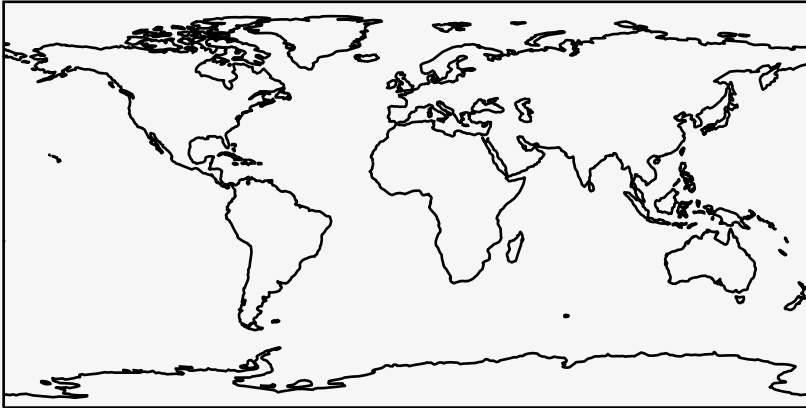
Zero throughout domain  
kg/m2/s

GC\_12.7.0-rc.2 (Dev)  
4x5



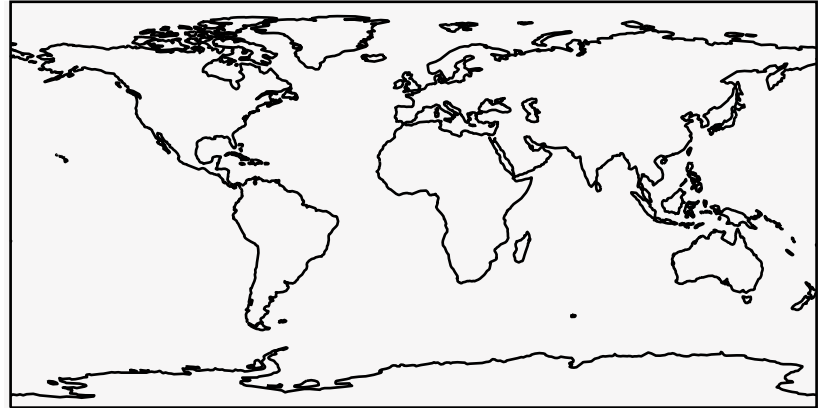
Zero throughout domain  
kg/m2/s

Difference  
Dev - Ref, Dynamic Range



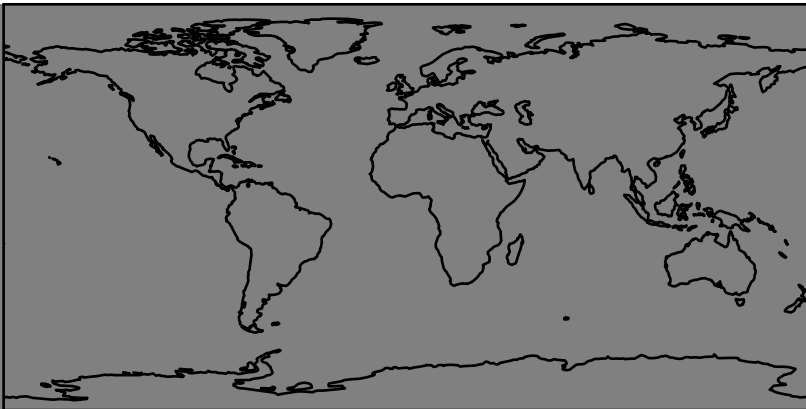
Zero throughout domain  
kg/m2/s

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



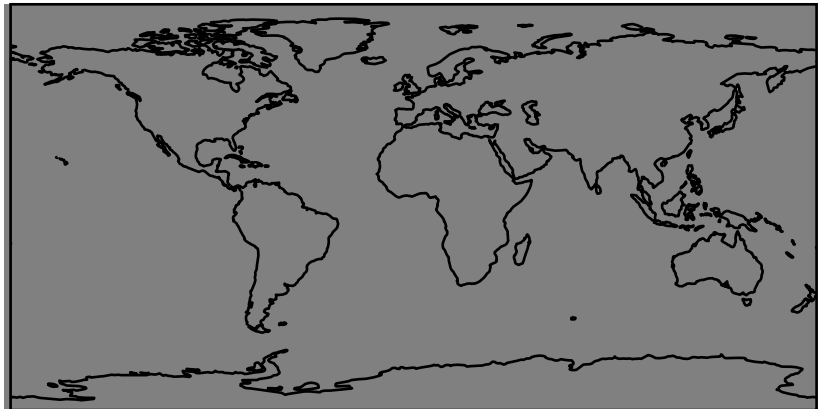
Zero throughout domain  
kg/m2/s

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



Undefined throughout domain  
unitless

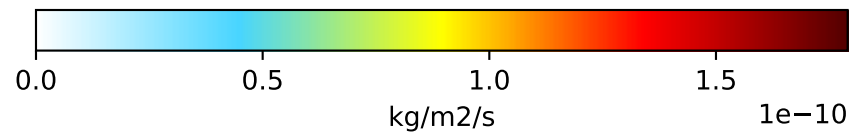
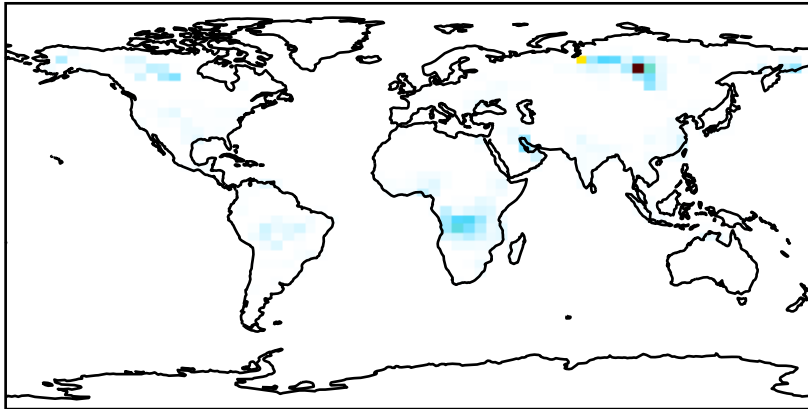
Fractional Difference  
(Dev-Ref)/Ref, Fixed Range



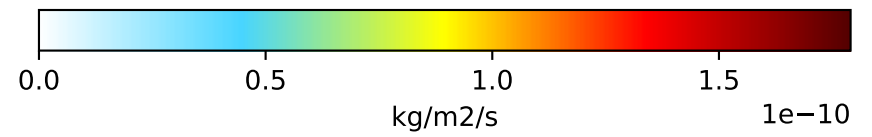
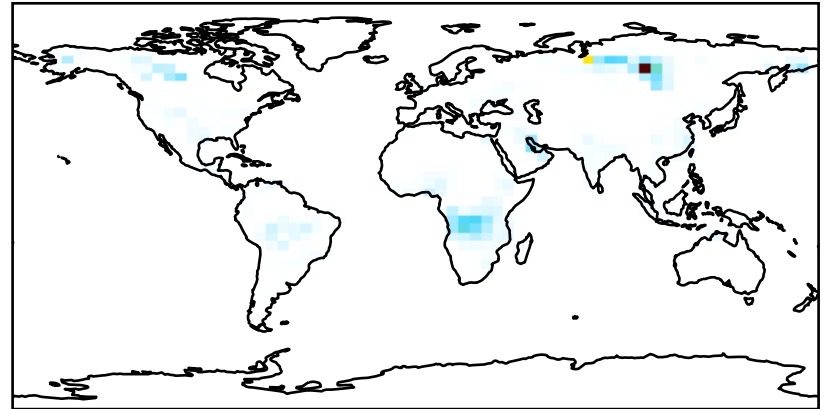
Undefined throughout domain  
unitless

# EmisCH2O\_Total

GC\_12.7.0-rc.1 (Ref)  
4x5



GC\_12.7.0-rc.2 (Dev)  
4x5



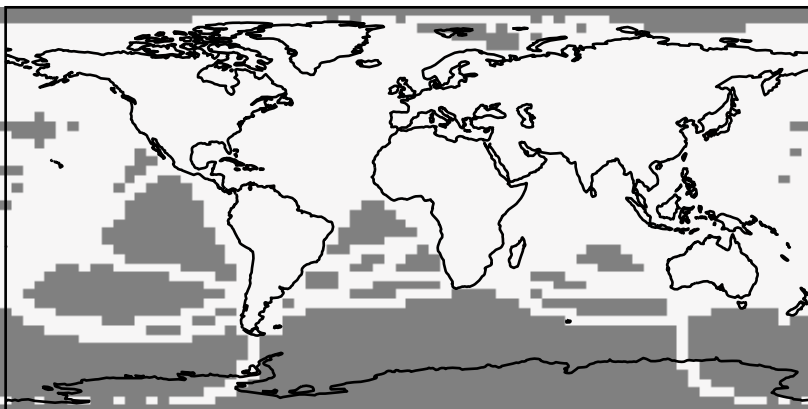
Difference  
Dev - Ref, Dynamic Range



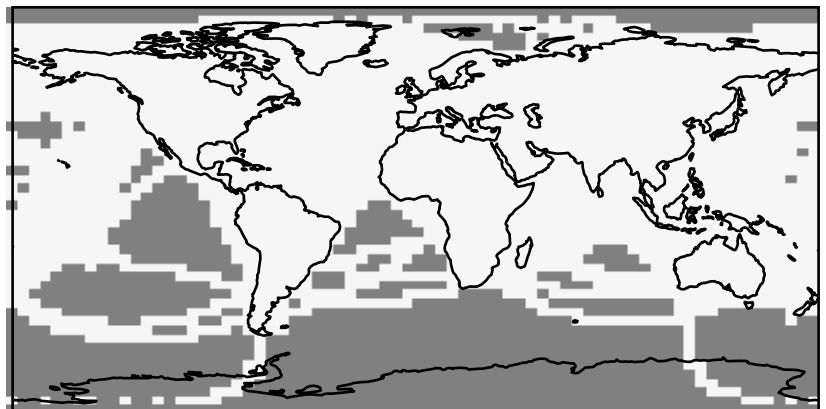
Difference  
Dev - Ref, Restricted Range [5%,95%]



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

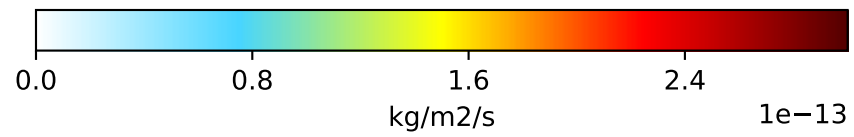
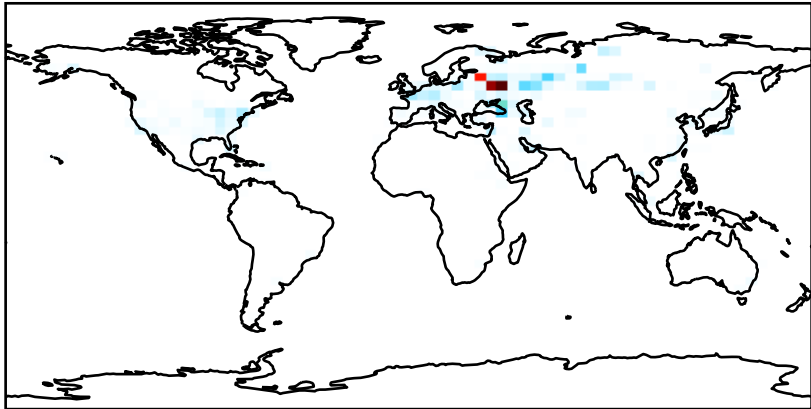


Fractional Difference  
(Dev-Ref)/Ref, Fixed Range

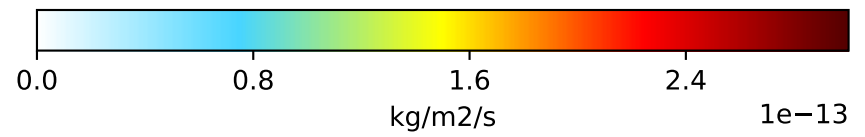
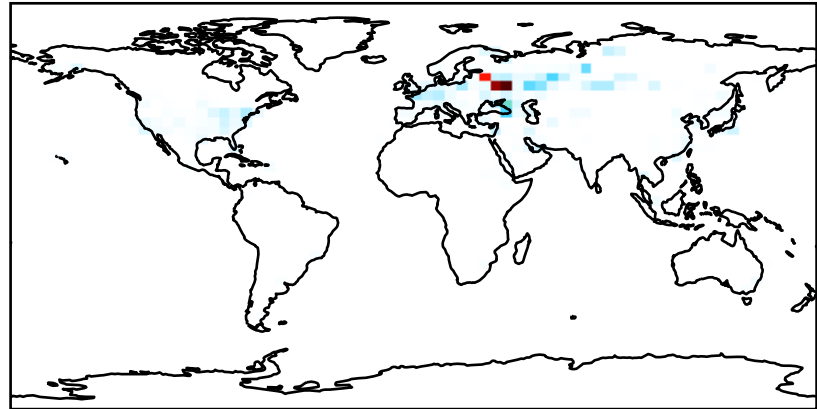


# EmisMACR\_Aircraft

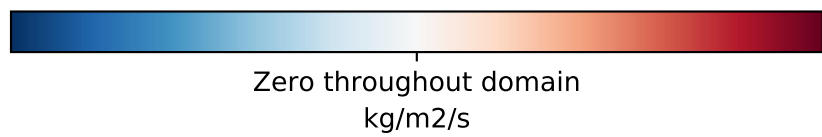
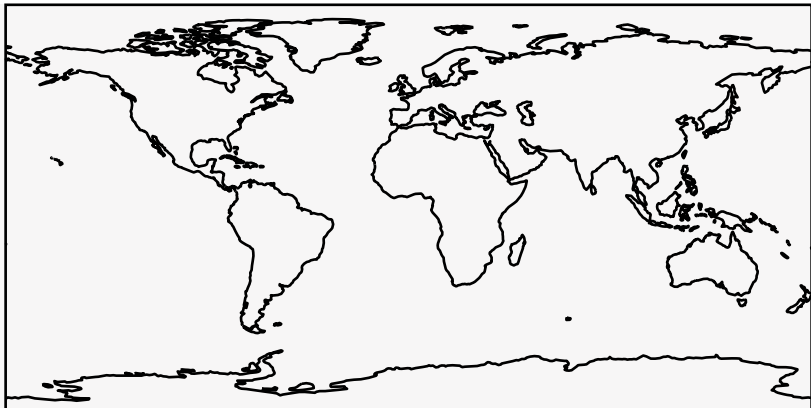
GC\_12.7.0-rc.1 (Ref)  
4x5



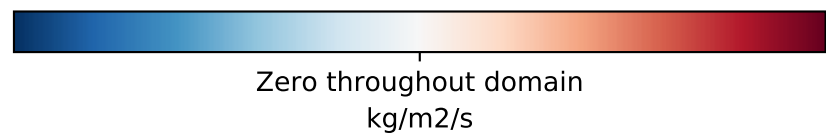
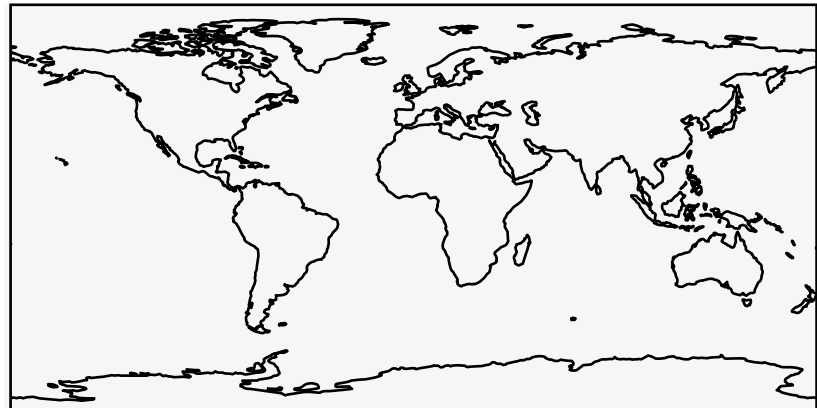
GC\_12.7.0-rc.2 (Dev)  
4x5



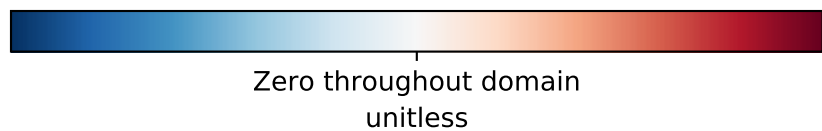
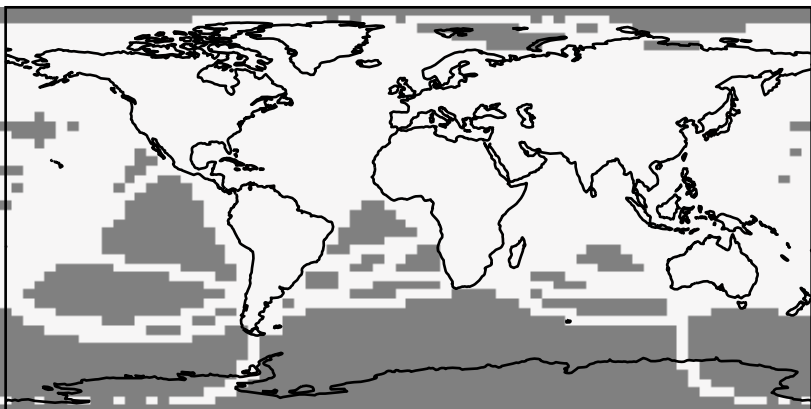
Difference  
Dev - Ref, Dynamic Range



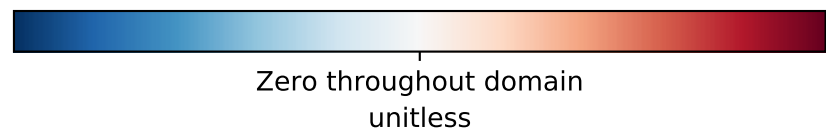
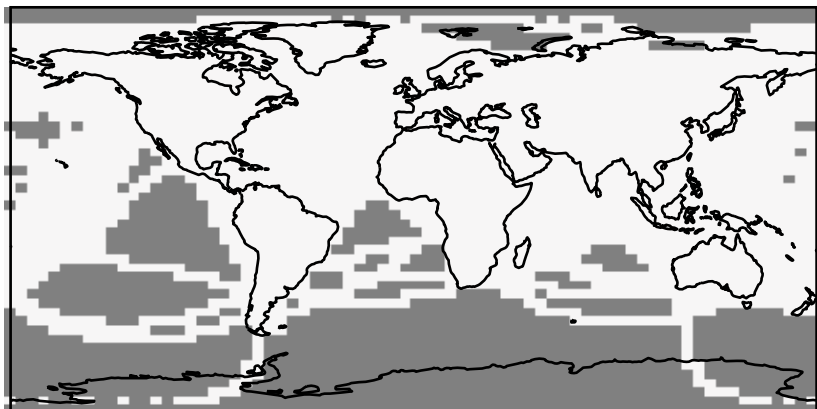
Difference  
Dev - Ref, Restricted Range [5%,95%]



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

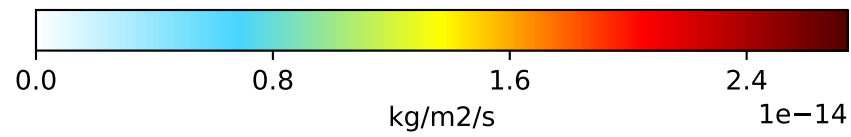
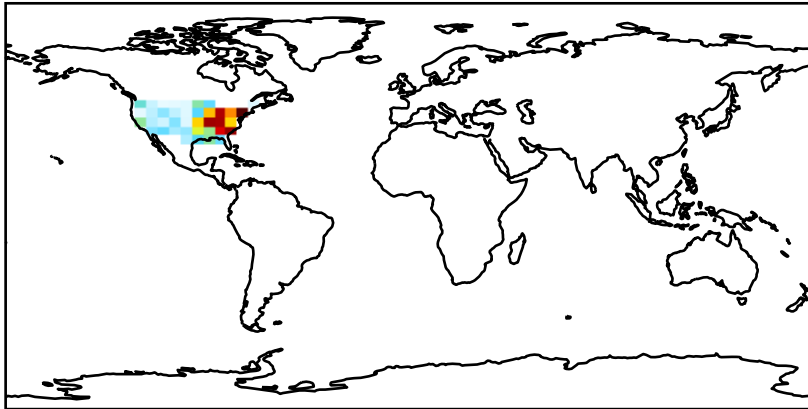


Fractional Difference  
(Dev-Ref)/Ref, Fixed Range

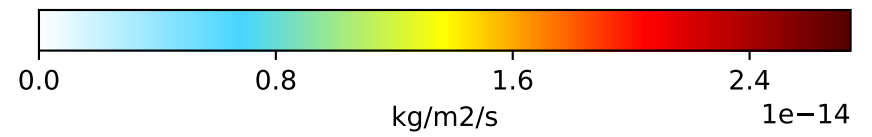
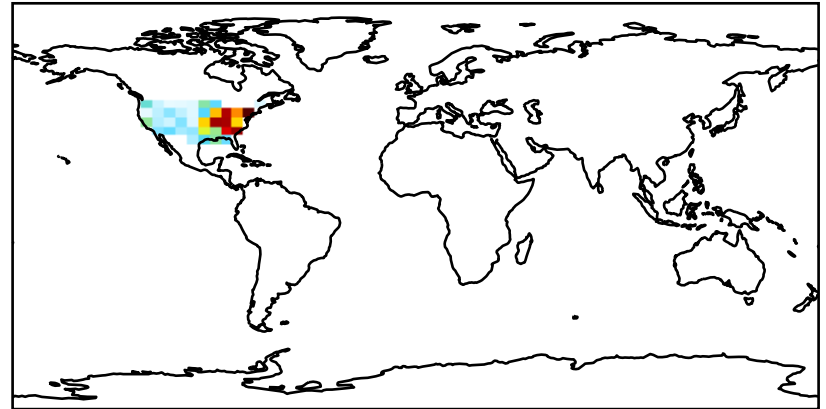


# EmisMACR\_Anthro

GC\_12.7.0-rc.1 (Ref)  
4x5



GC\_12.7.0-rc.2 (Dev)  
4x5



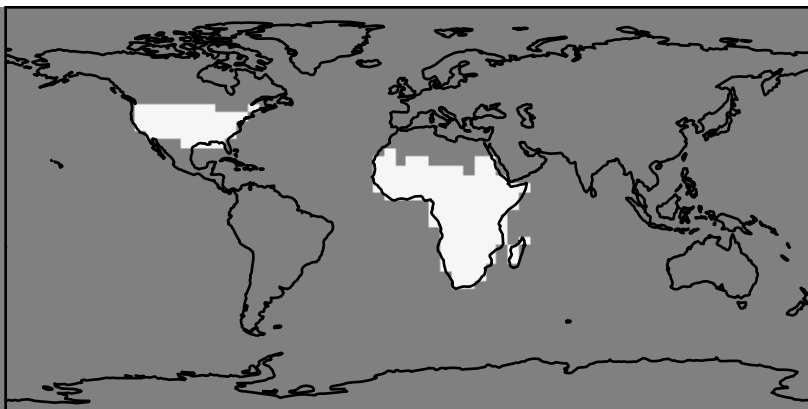
Difference  
Dev - Ref, Dynamic Range



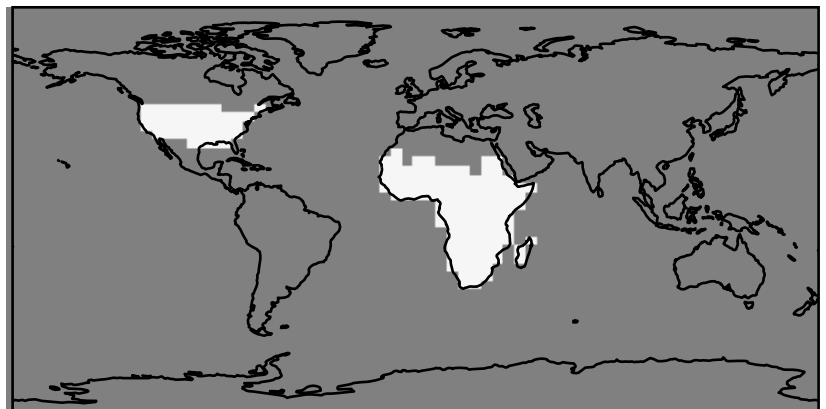
Difference  
Dev - Ref, Restricted Range [5%,95%]



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



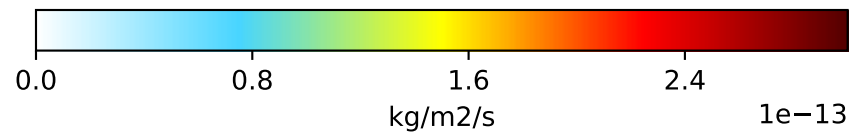
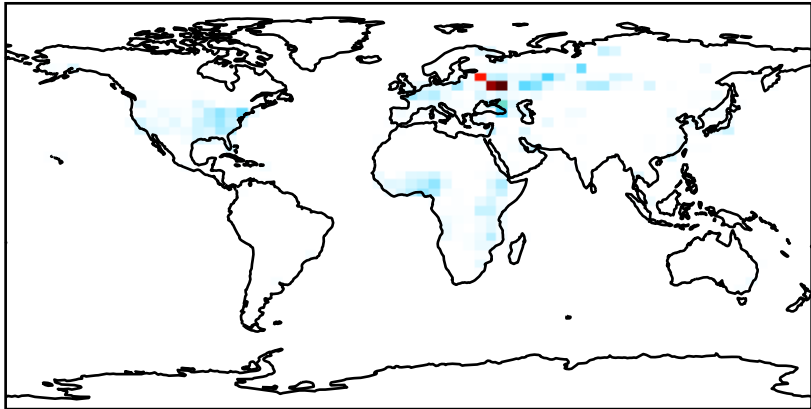
Fractional Difference  
(Dev-Ref)/Ref, Fixed Range



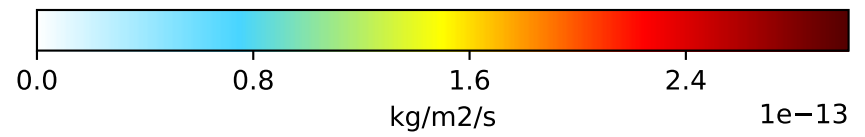
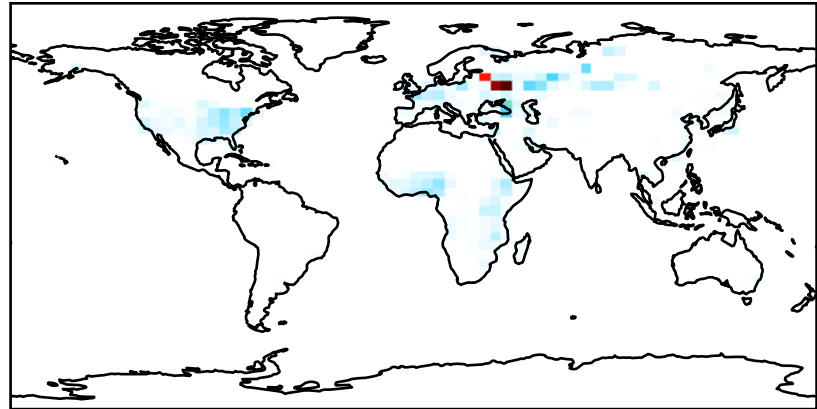


# EmisMACR\_Total

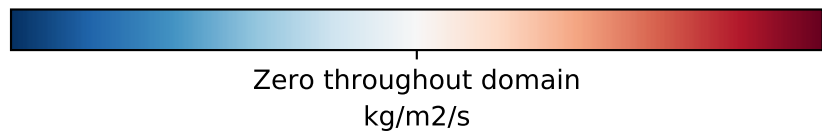
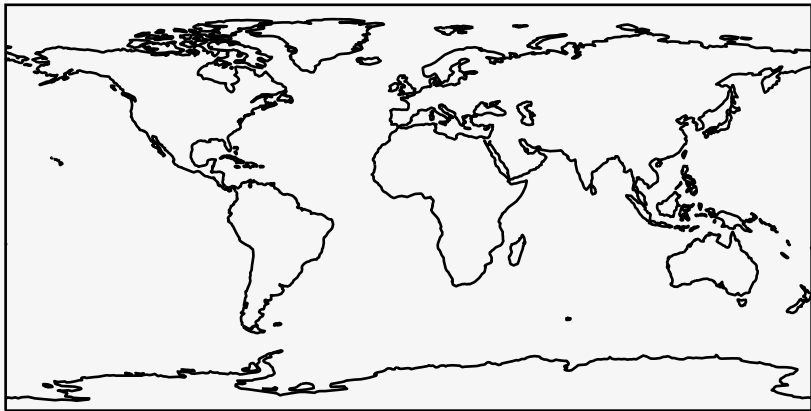
GC\_12.7.0-rc.1 (Ref)  
4x5



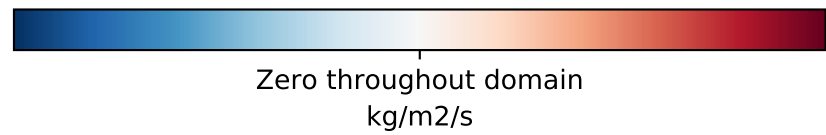
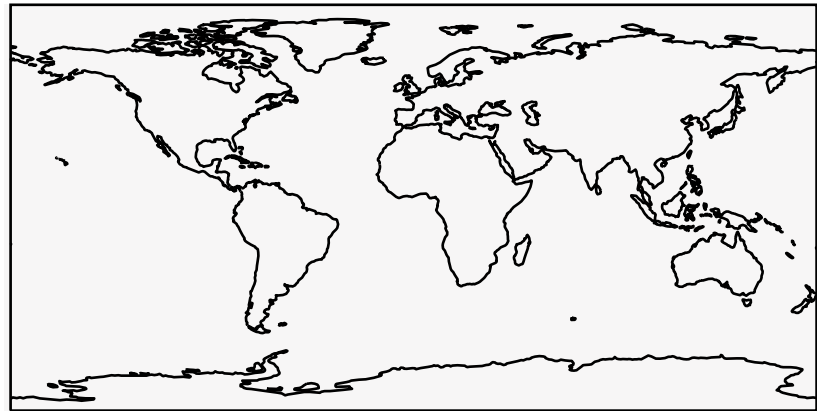
GC\_12.7.0-rc.2 (Dev)  
4x5



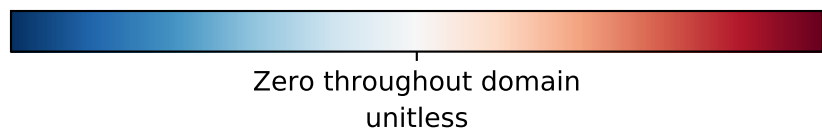
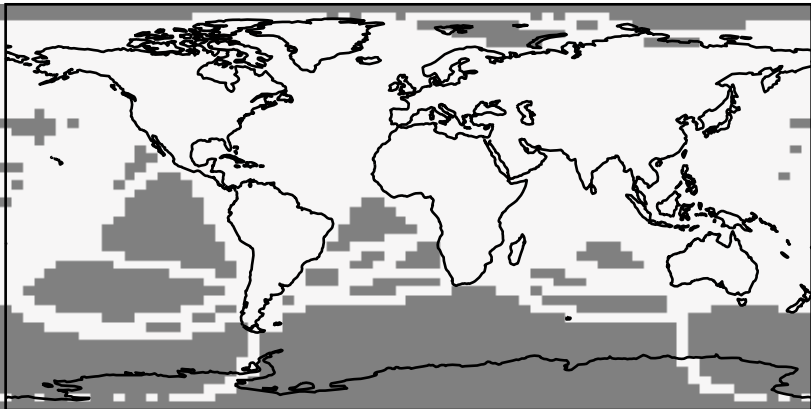
Difference  
Dev - Ref, Dynamic Range



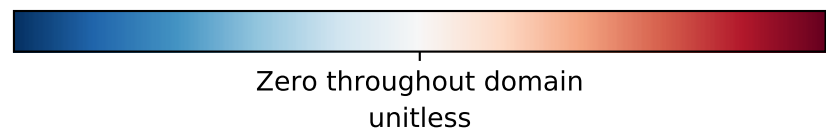
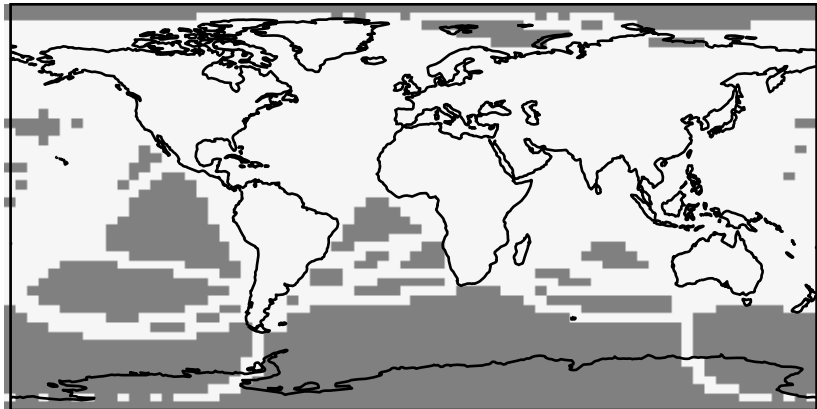
Difference  
Dev - Ref, Restricted Range [5%,95%]



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

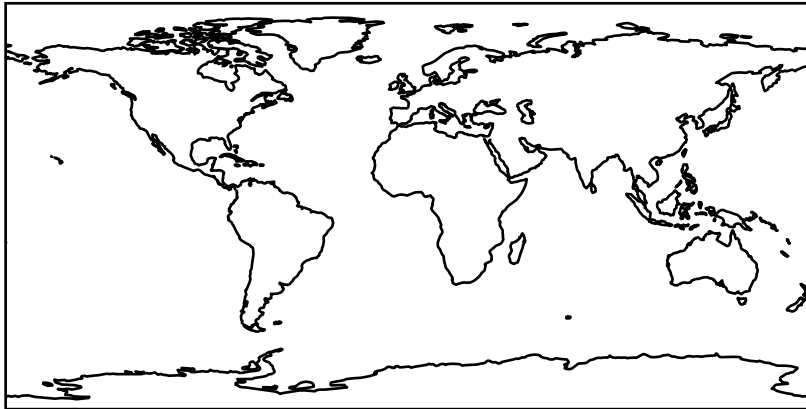


Fractional Difference  
(Dev-Ref)/Ref, Fixed Range



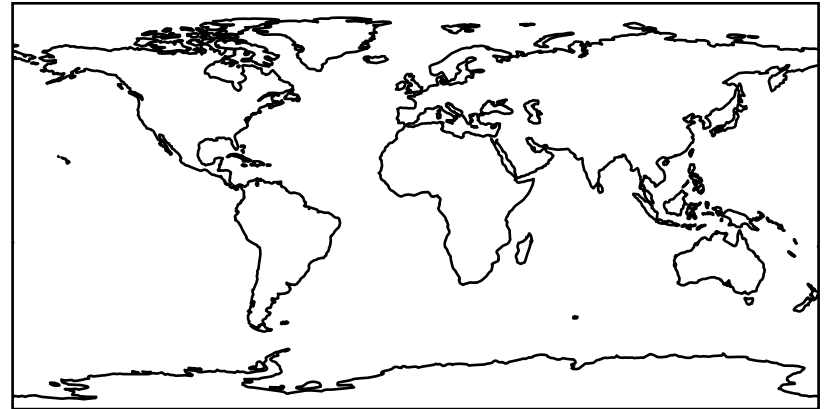
# EmisGLYX\_Anthro

GC\_12.7.0-rc.1 (Ref)  
4x5



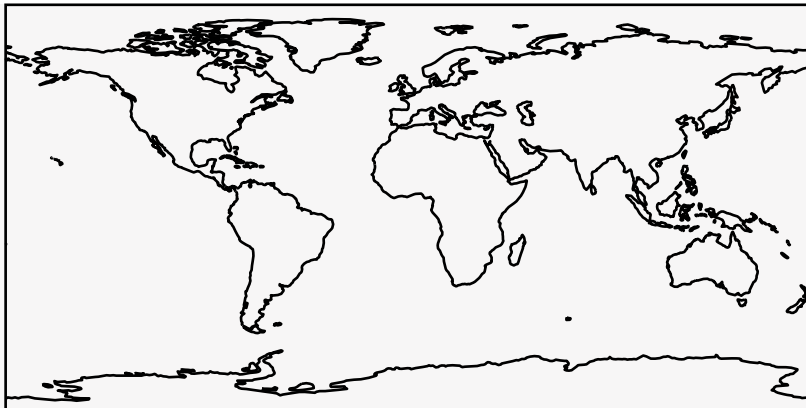
Zero throughout domain  
kg/m2/s

GC\_12.7.0-rc.2 (Dev)  
4x5



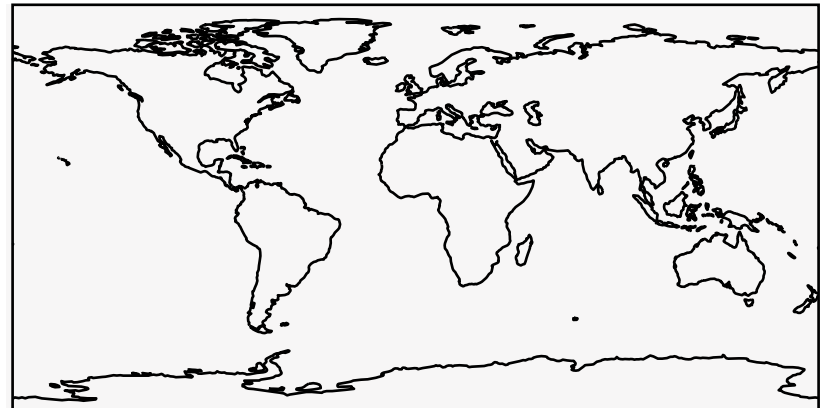
Zero throughout domain  
kg/m2/s

Difference  
Dev - Ref, Dynamic Range



Zero throughout domain  
kg/m2/s

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



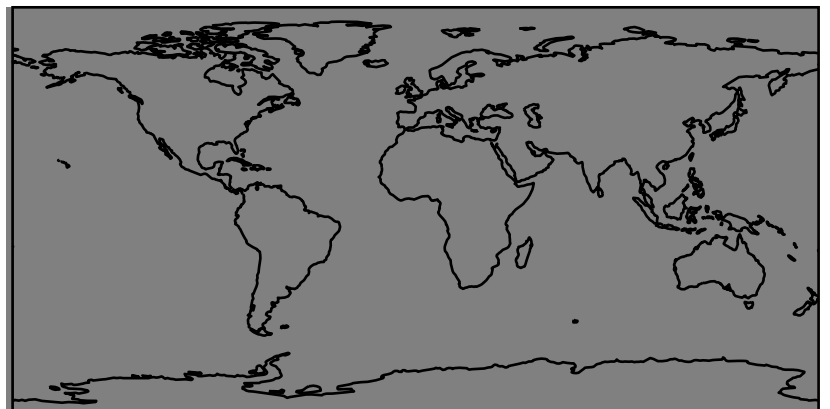
Zero throughout domain  
kg/m2/s

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



Undefined throughout domain  
unitless

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



Undefined throughout domain  
unitless

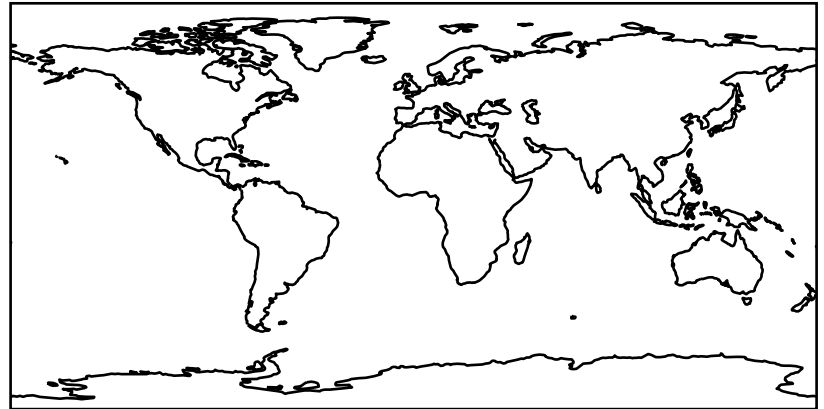
# EmisGLYX\_Total

GC\_12.7.0-rc.1 (Ref)  
4x5



Zero throughout domain  
kg/m2/s

GC\_12.7.0-rc.2 (Dev)  
4x5



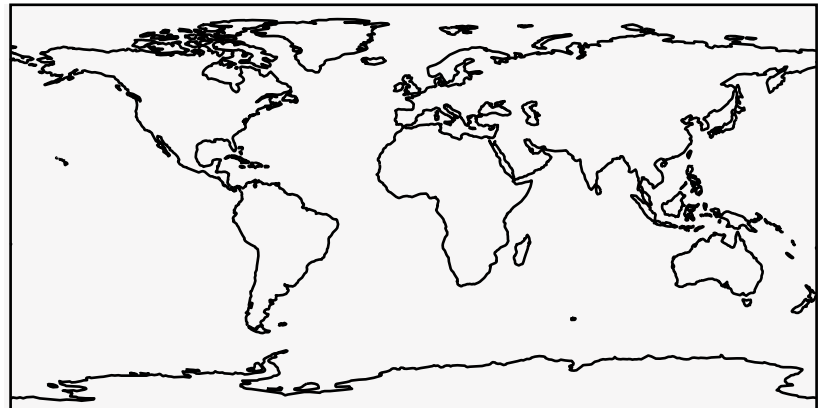
Zero throughout domain  
kg/m2/s

Difference  
Dev - Ref, Dynamic Range



Zero throughout domain  
kg/m2/s

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



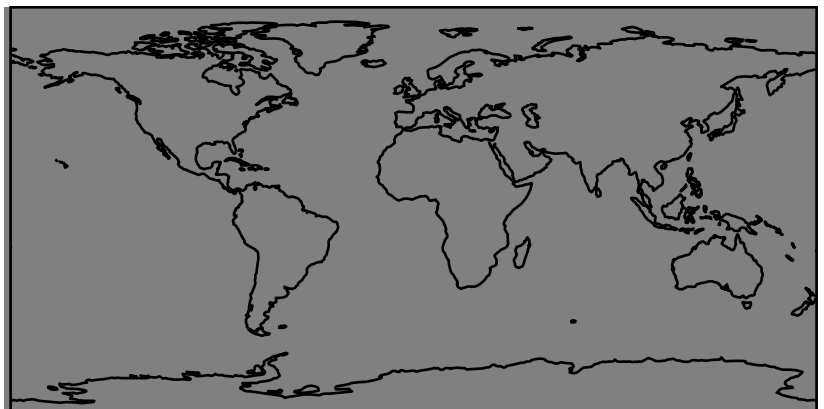
Zero throughout domain  
kg/m2/s

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



Undefined throughout domain  
unitless

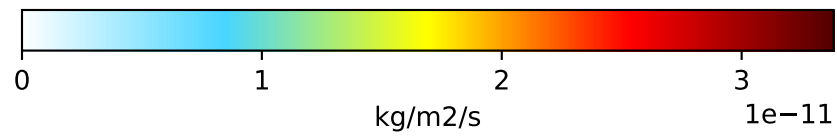
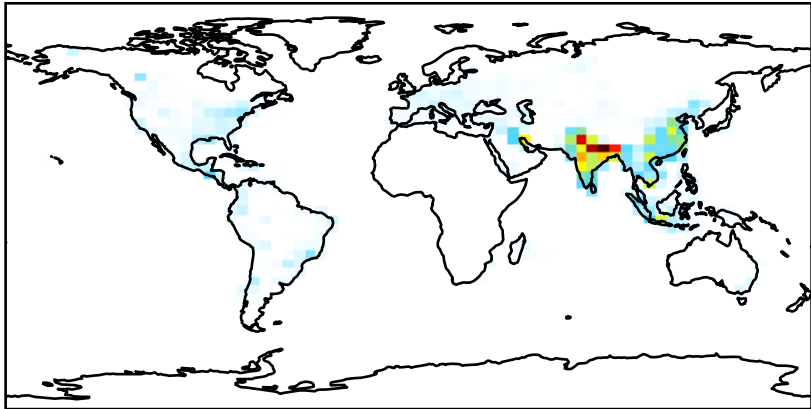
Fractional Difference  
(Dev-Ref)/Ref, Fixed Range



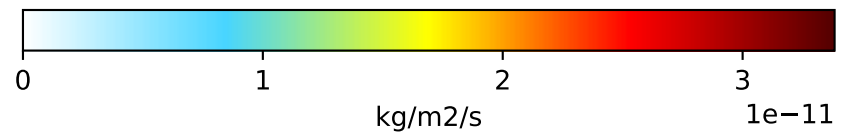
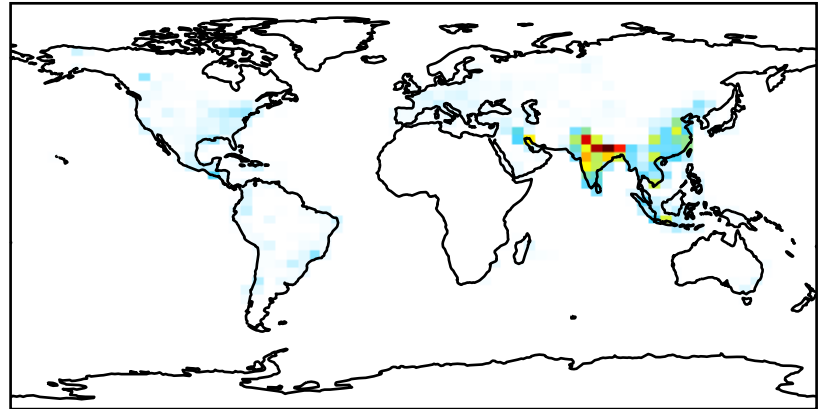
Undefined throughout domain  
unitless

# EmisHCOOH\_Anthro

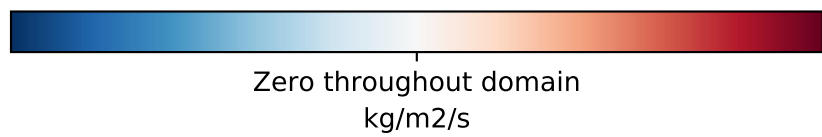
GC\_12.7.0-rc.1 (Ref)  
4x5



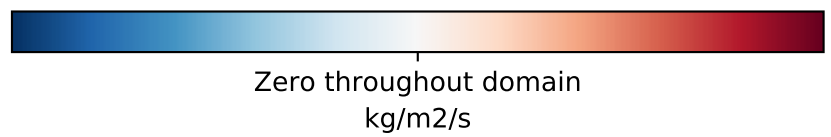
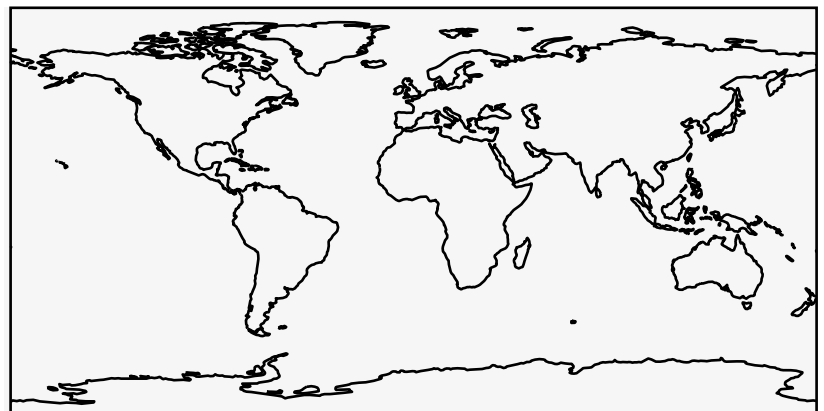
GC\_12.7.0-rc.2 (Dev)  
4x5



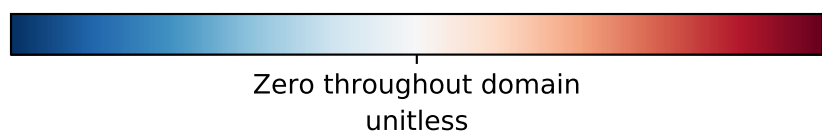
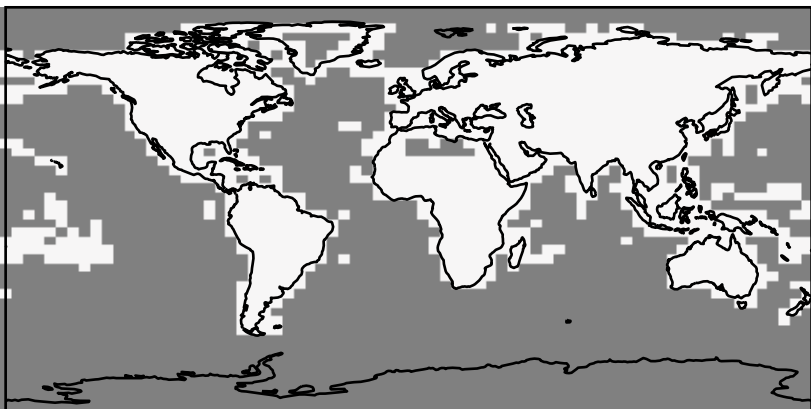
Difference  
Dev - Ref, Dynamic Range



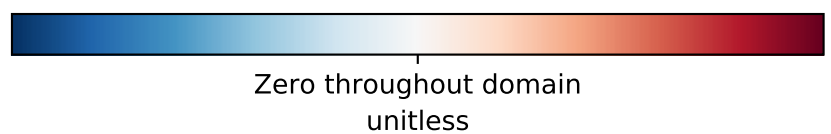
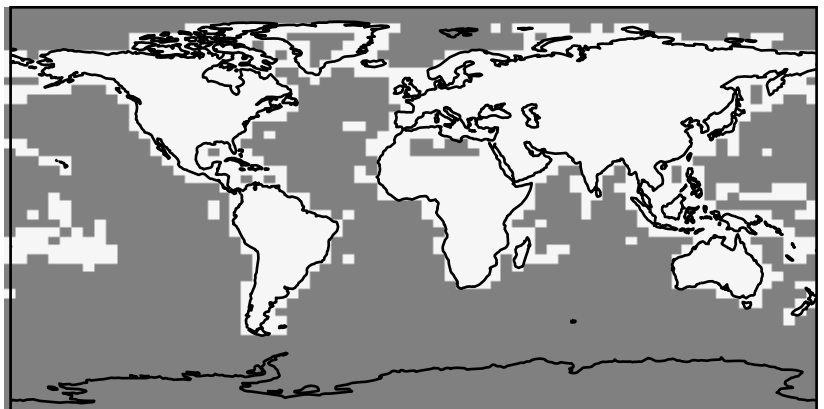
Difference  
Dev - Ref, Restricted Range [5%,95%]



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



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



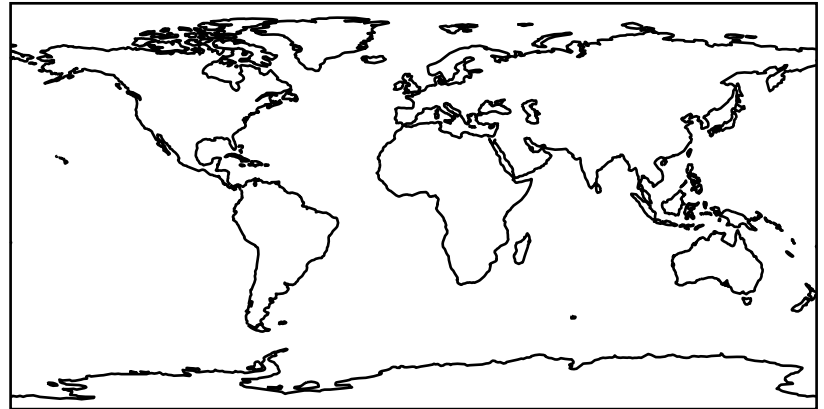
# EmisHCOOH\_Ship

GC\_12.7.0-rc.1 (Ref)  
4x5



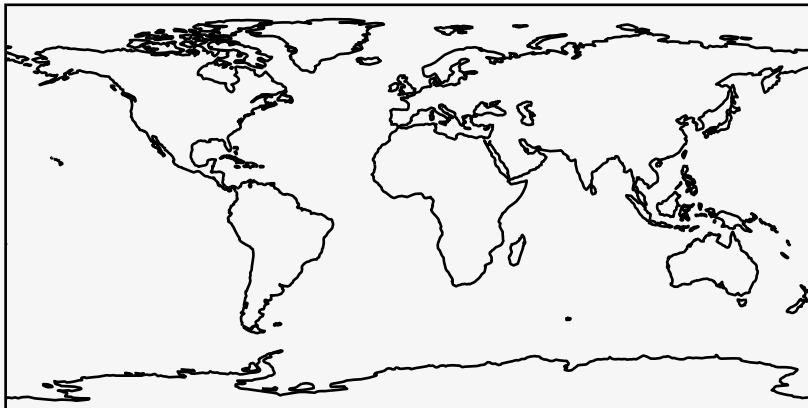
Zero throughout domain  
kg/m2/s

GC\_12.7.0-rc.2 (Dev)  
4x5



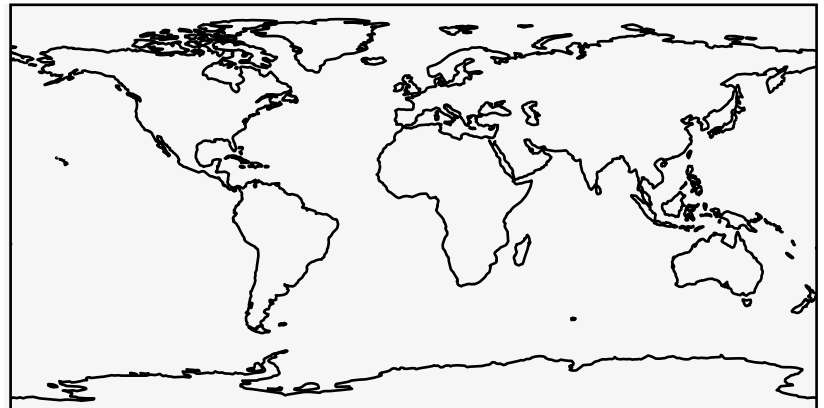
Zero throughout domain  
kg/m2/s

Difference  
Dev - Ref, Dynamic Range



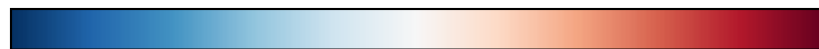
Zero throughout domain  
kg/m2/s

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



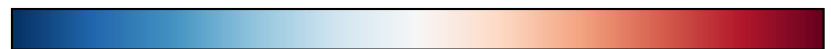
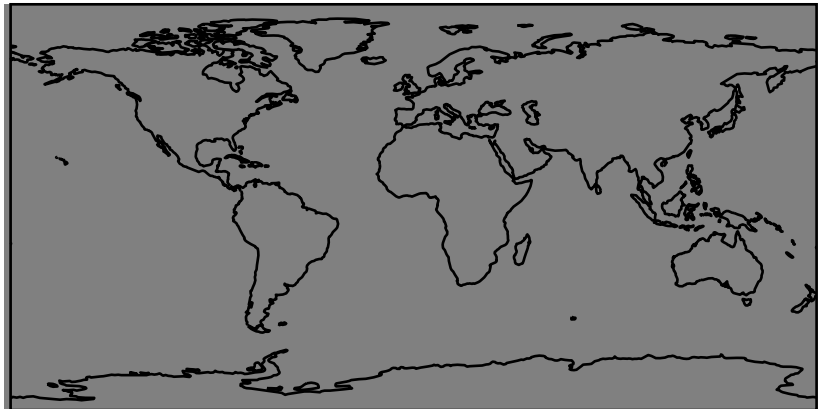
Zero throughout domain  
kg/m2/s

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



Undefined throughout domain  
unitless

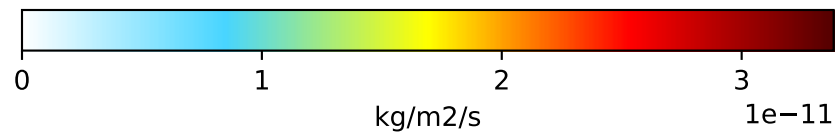
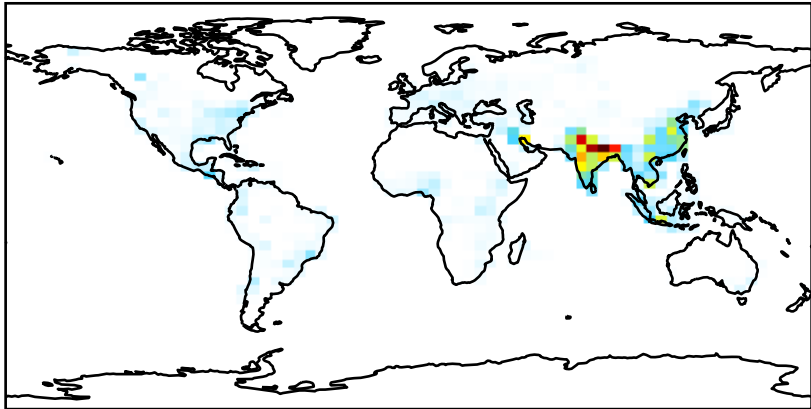
Fractional Difference  
(Dev-Ref)/Ref, Fixed Range



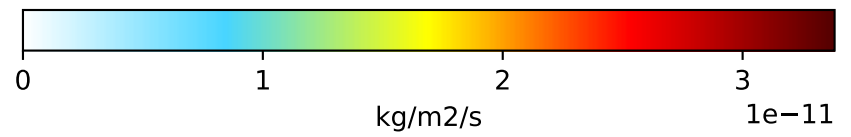
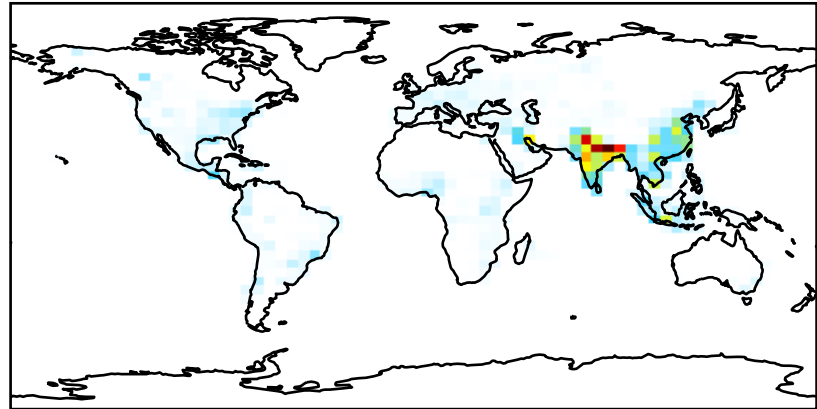
Undefined throughout domain  
unitless

# EmisHCOOH\_Total

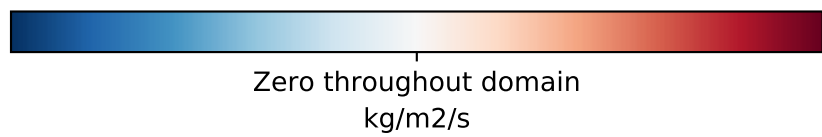
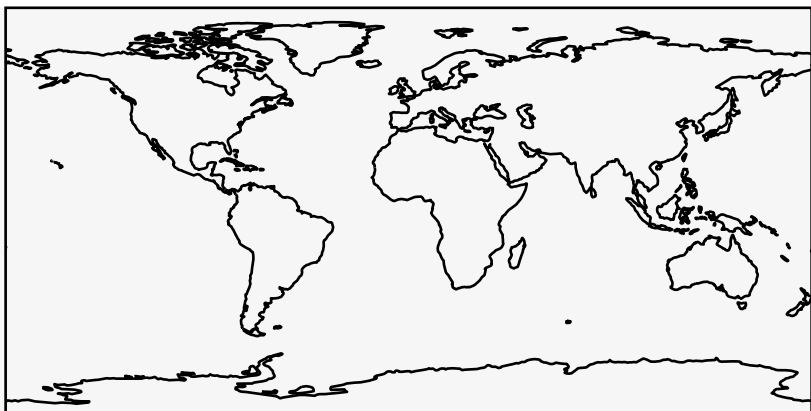
GC\_12.7.0-rc.1 (Ref)  
4x5



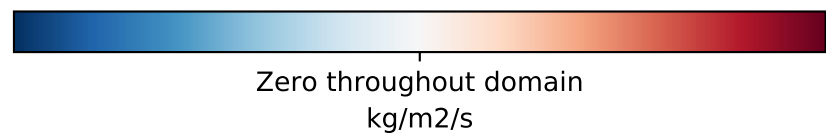
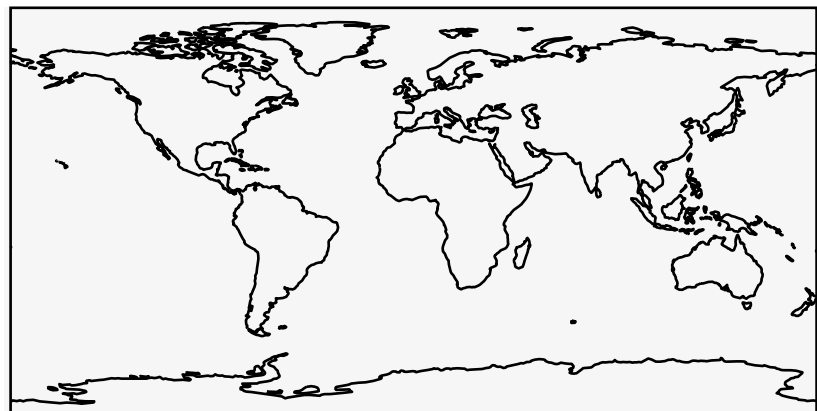
GC\_12.7.0-rc.2 (Dev)  
4x5



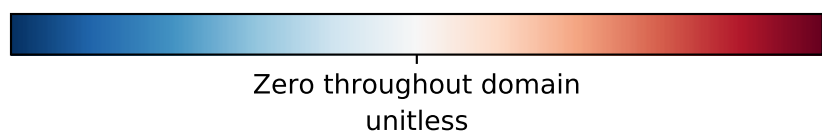
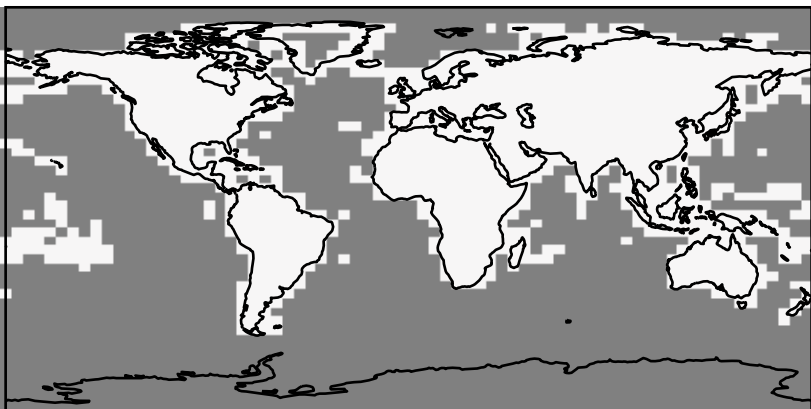
Difference  
Dev - Ref, Dynamic Range



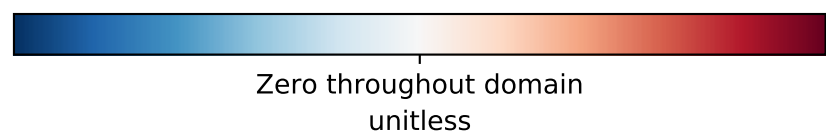
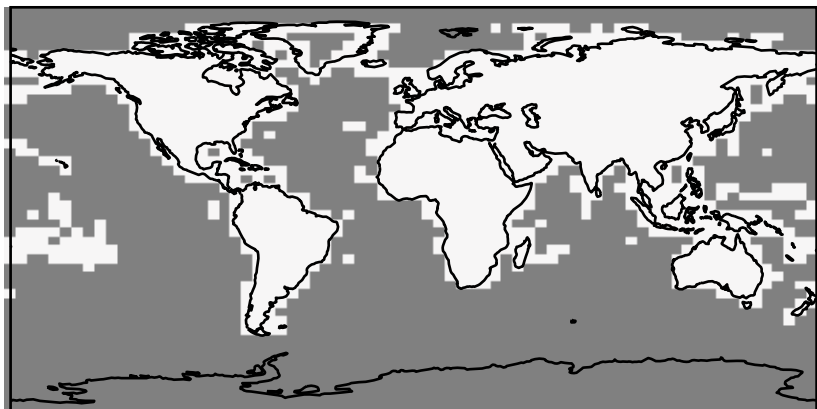
Difference  
Dev - Ref, Restricted Range [5%,95%]



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



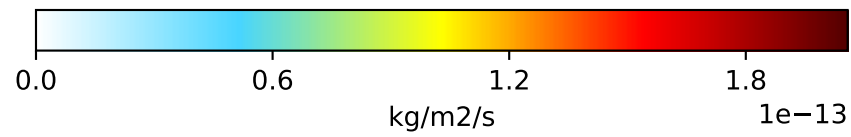
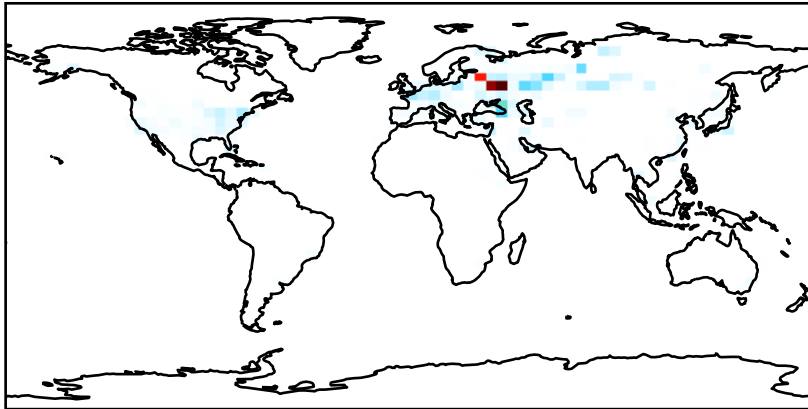
Fractional Difference  
(Dev-Ref)/Ref, Fixed Range



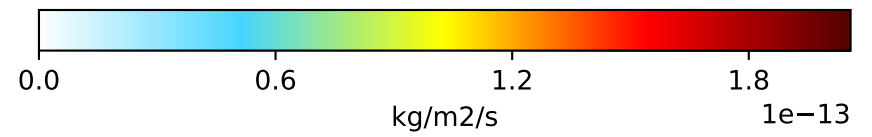
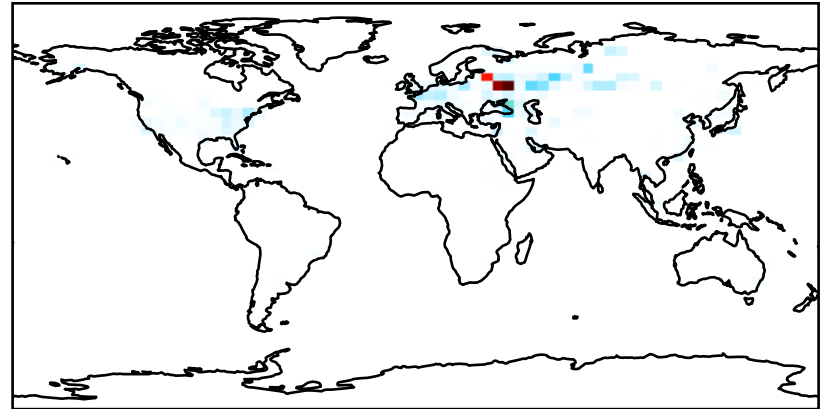


# EmisRCHO\_Aircraft

GC\_12.7.0-rc.1 (Ref)  
4x5



GC\_12.7.0-rc.2 (Dev)  
4x5



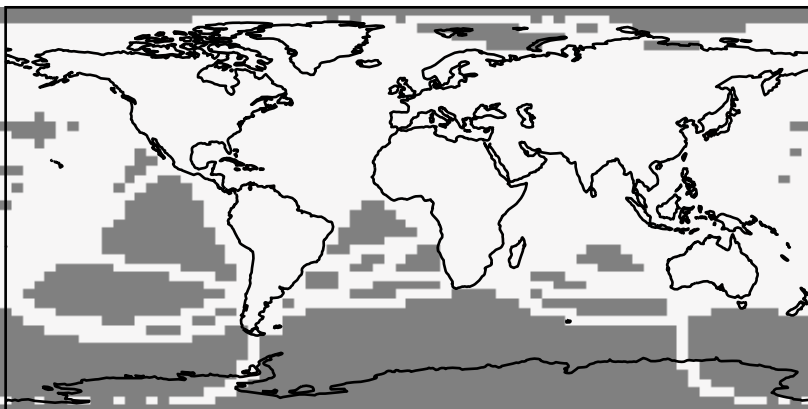
Difference  
Dev - Ref, Dynamic Range



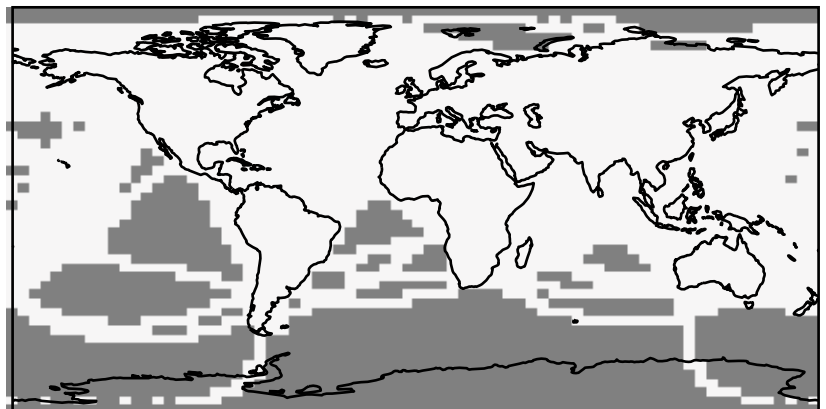
Difference  
Dev - Ref, Restricted Range [5%,95%]



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

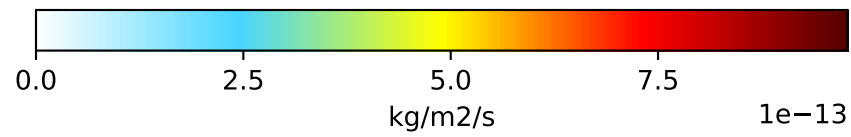
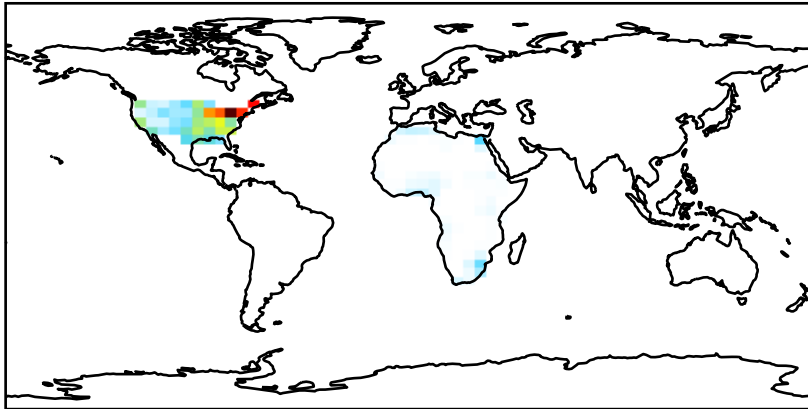


Fractional Difference  
(Dev-Ref)/Ref, Fixed Range

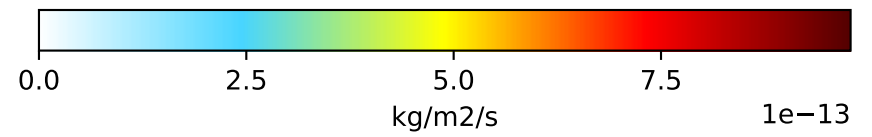
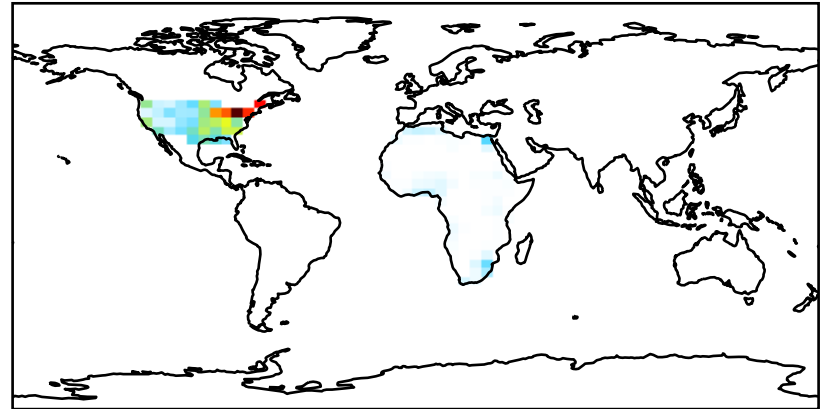


# EmisRCHO\_Anthro

GC\_12.7.0-rc.1 (Ref)  
4x5



GC\_12.7.0-rc.2 (Dev)  
4x5



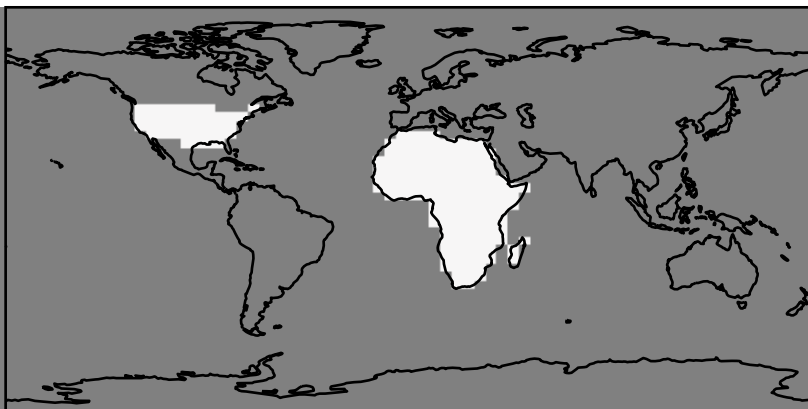
Difference  
Dev - Ref, Dynamic Range



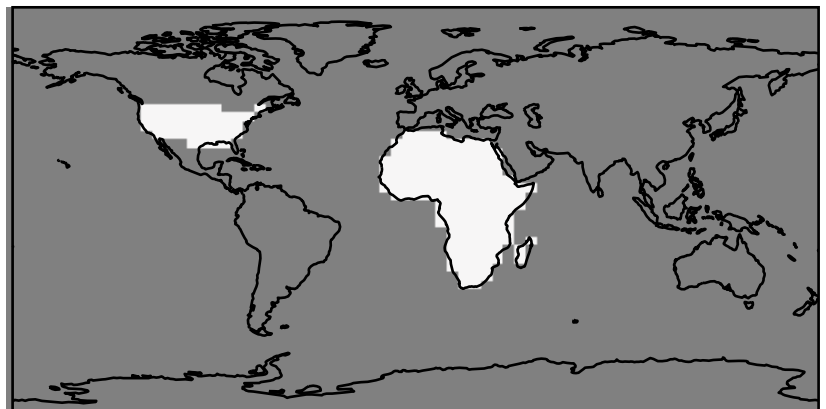
Difference  
Dev - Ref, Restricted Range [5%,95%]



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

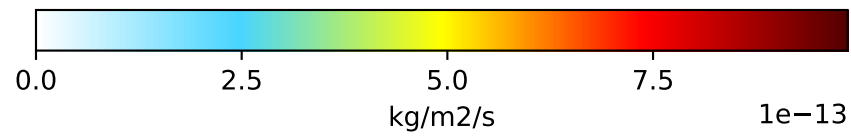
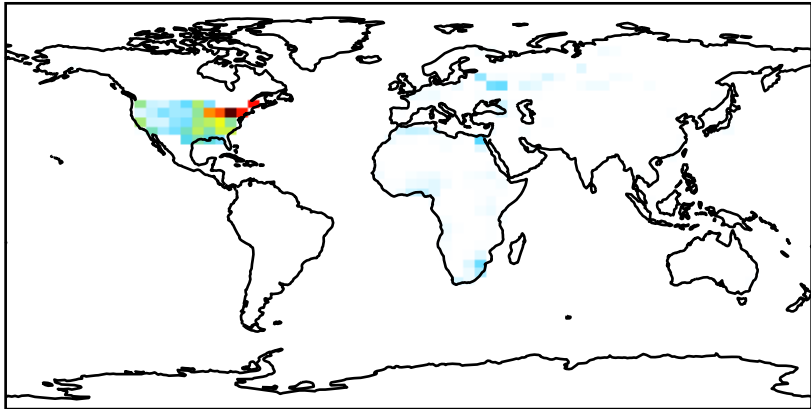


Fractional Difference  
(Dev-Ref)/Ref, Fixed Range

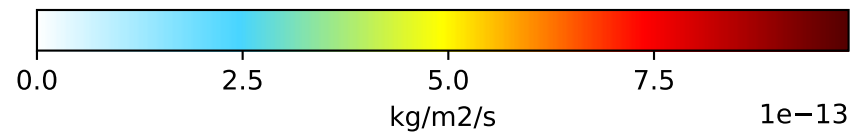
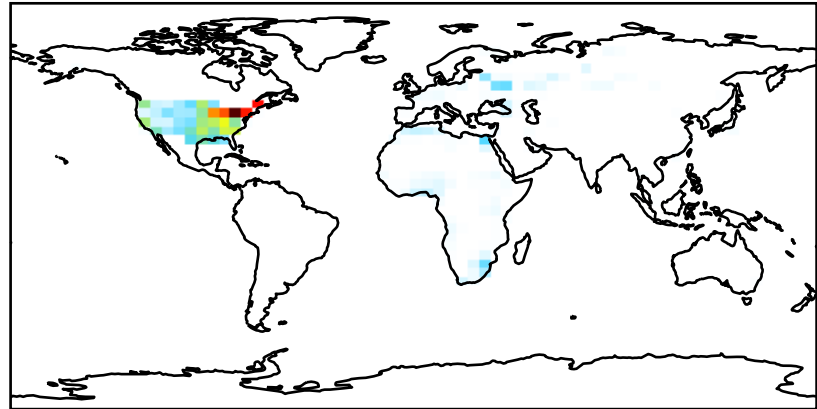


# EmisRCHO\_Total

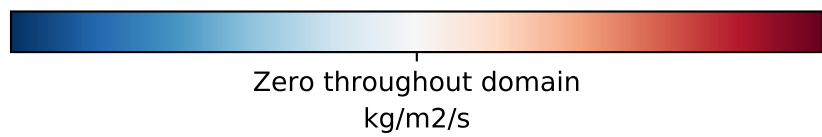
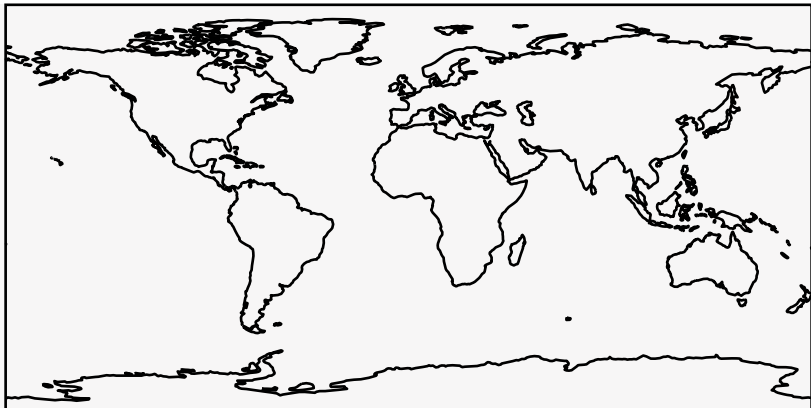
GC\_12.7.0-rc.1 (Ref)  
4x5



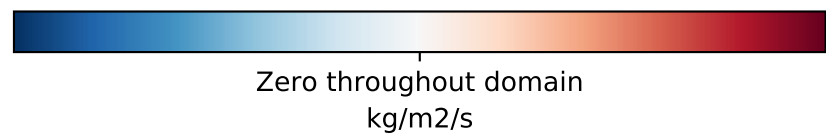
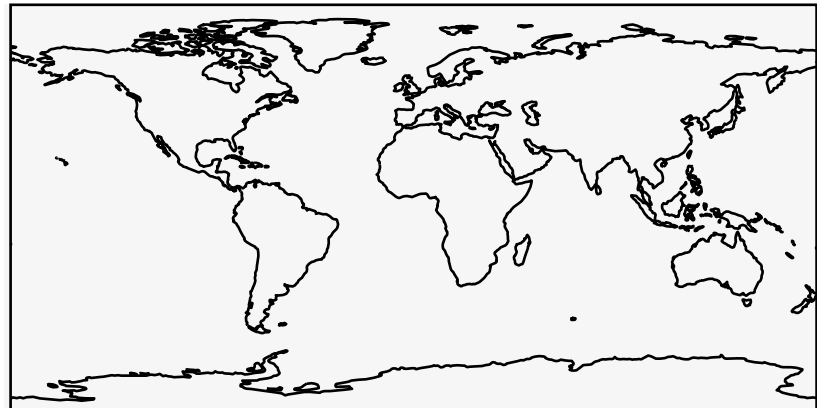
GC\_12.7.0-rc.2 (Dev)  
4x5



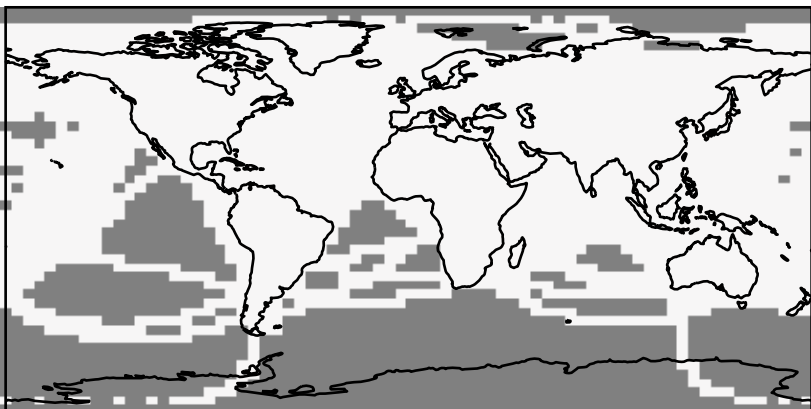
Difference  
Dev - Ref, Dynamic Range



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



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



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

