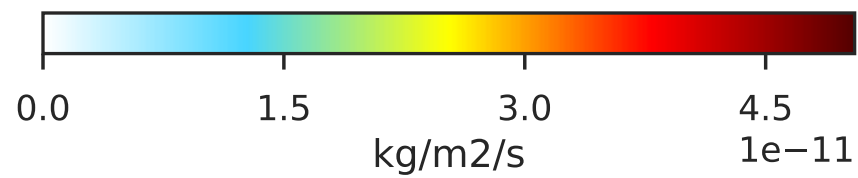
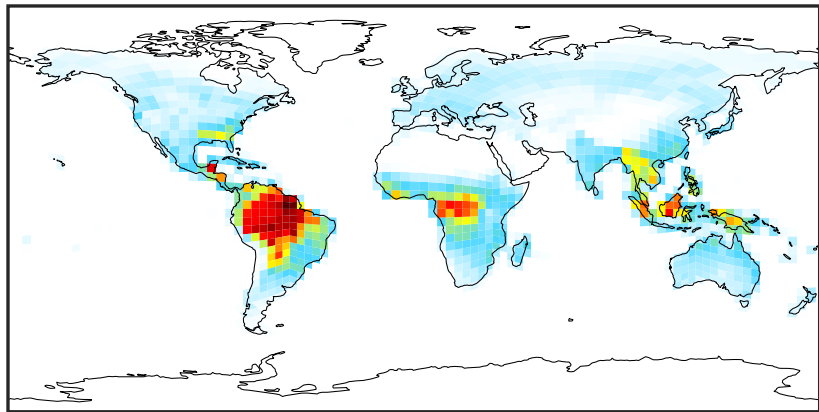
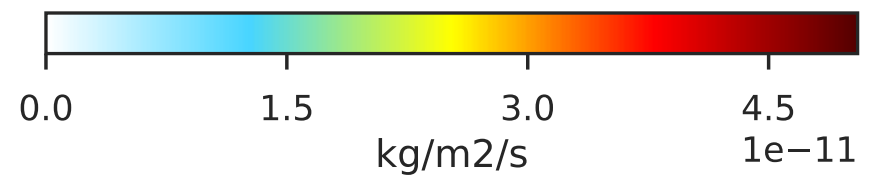
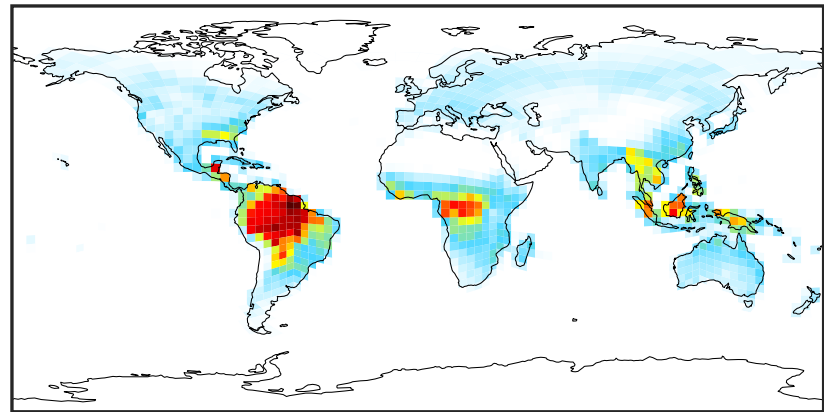


# EmisACET\_Biogenic (AnnualMean)

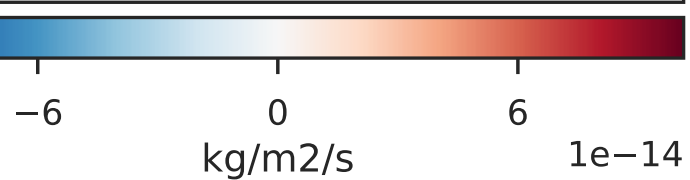
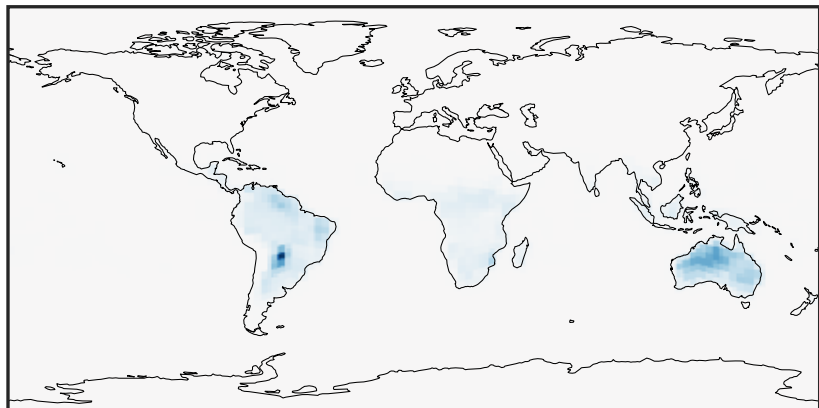
GCHP\_14.0.0 (Ref)  
c24



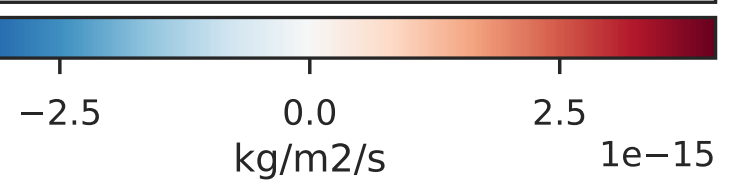
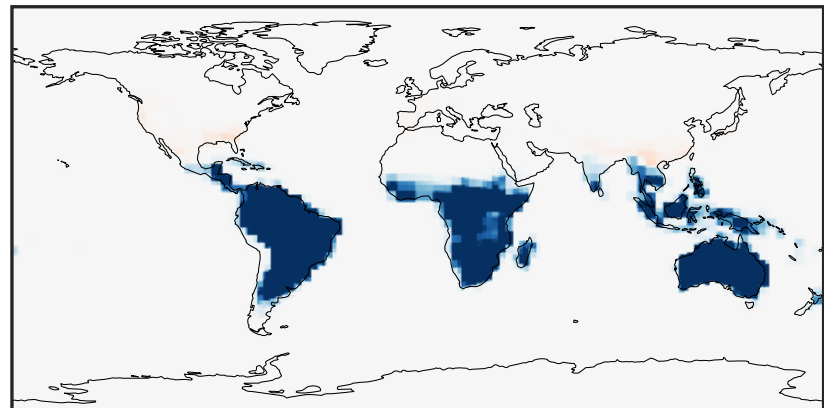
GCHP\_14.2.0 (Dev)  
c24



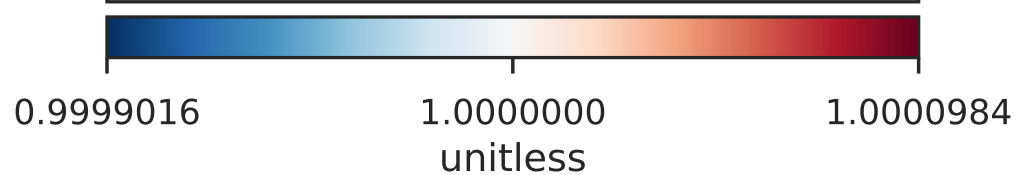
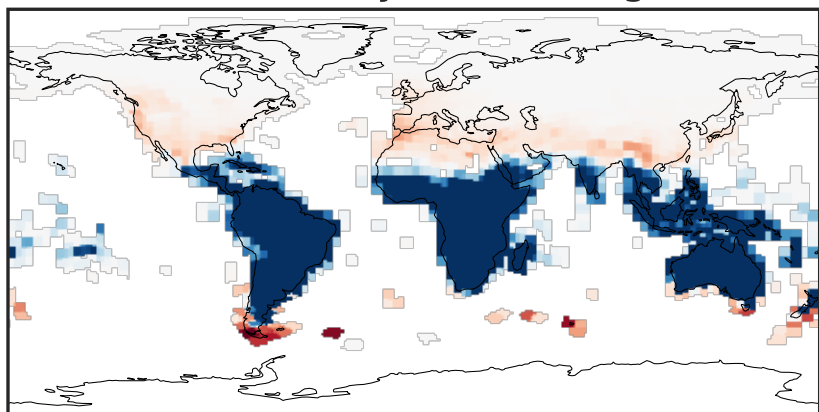
Difference (1x1.25)  
Dev - Ref, Dynamic Range



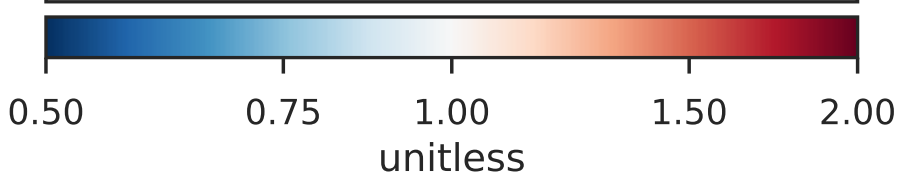
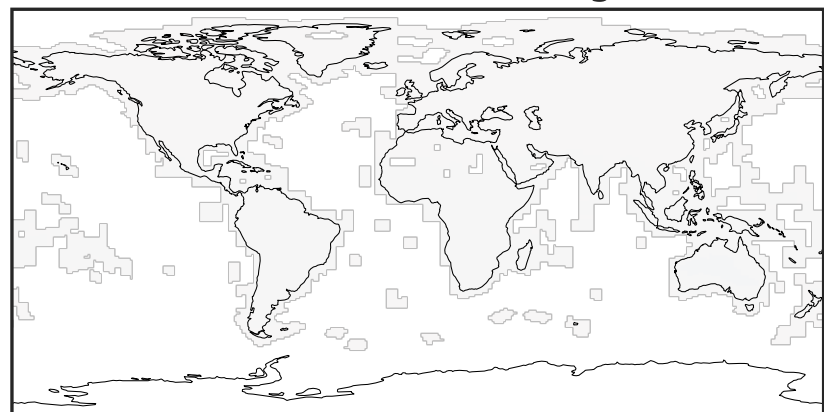
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)  
Dev/Ref, Dynamic Range

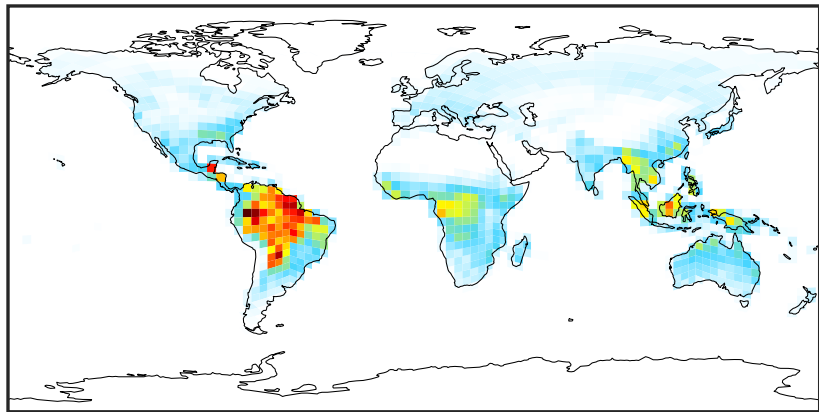


Ratio (1x1.25)  
Dev/Ref, Fixed Range



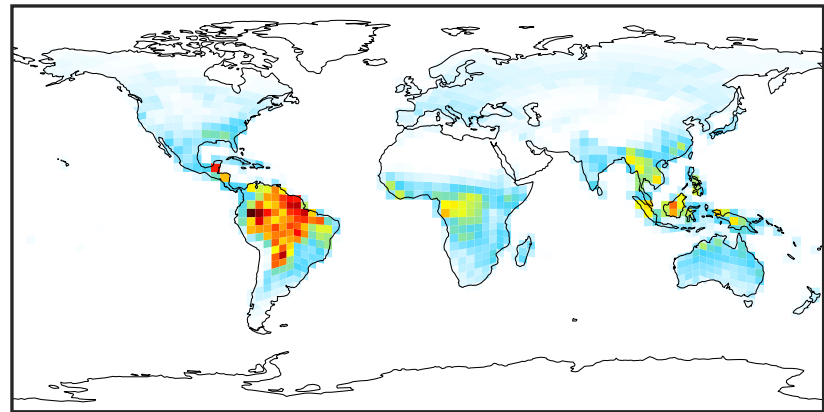
# EmisALD2\_Biogenic (AnnualMean)

GCHP\_14.0.0 (Ref)  
c24



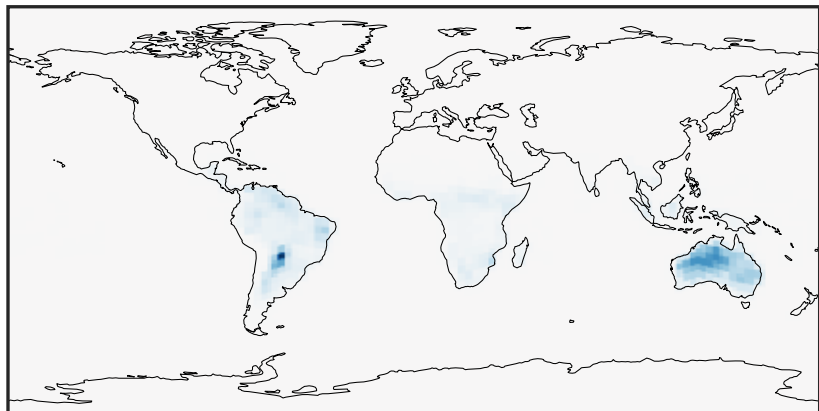
0.0 0.8 1.6 2.4  
kg/m<sup>2</sup>/s 1e-11

GCHP\_14.2.0 (Dev)  
c24



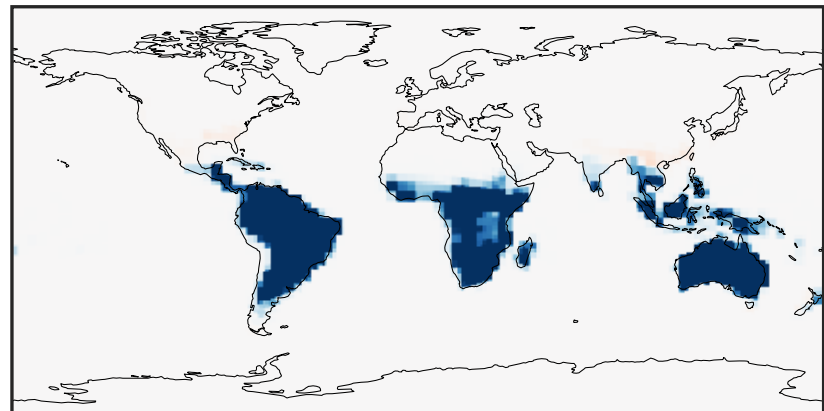
0.0 0.8 1.6 2.4  
kg/m<sup>2</sup>/s 1e-11

Difference (1x1.25)  
Dev - Ref, Dynamic Range



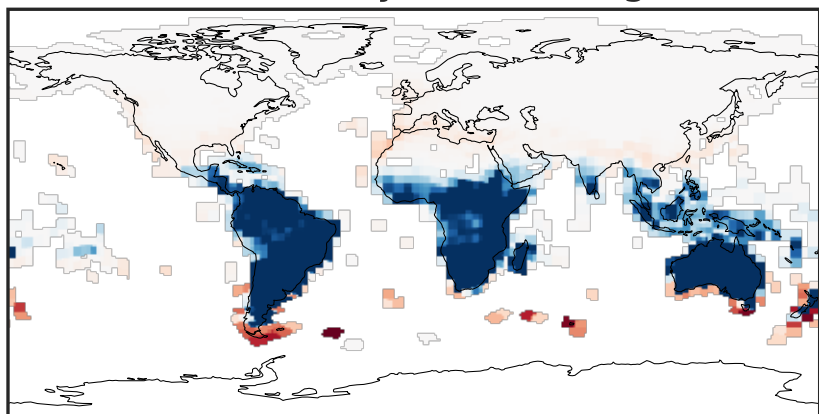
-2 0 2  
kg/m<sup>2</sup>/s 1e-13

Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



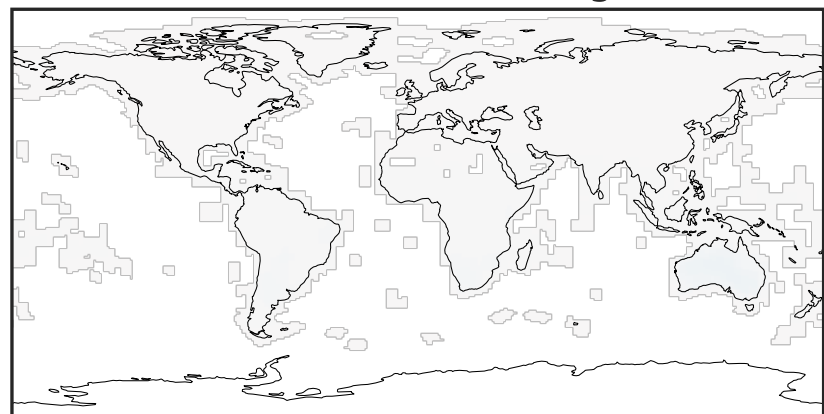
-5 0 5  
kg/m<sup>2</sup>/s 1e-15

Ratio (1x1.25)  
Dev/Ref, Dynamic Range



0.998730 0.999365 1.000000 1.000636 1.001272  
unitless

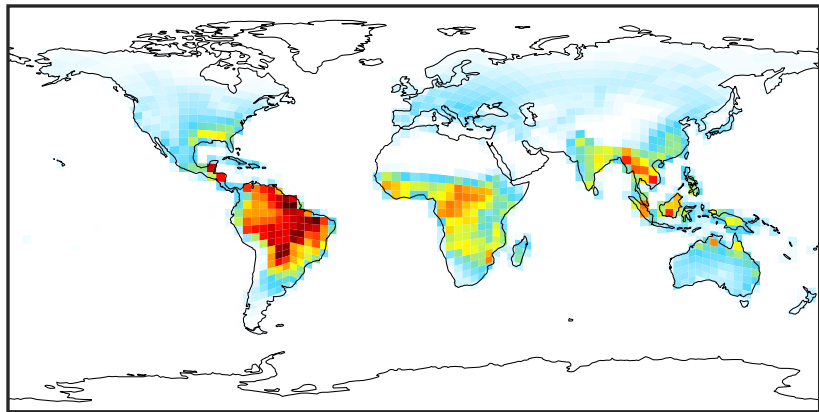
Ratio (1x1.25)  
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00  
unitless

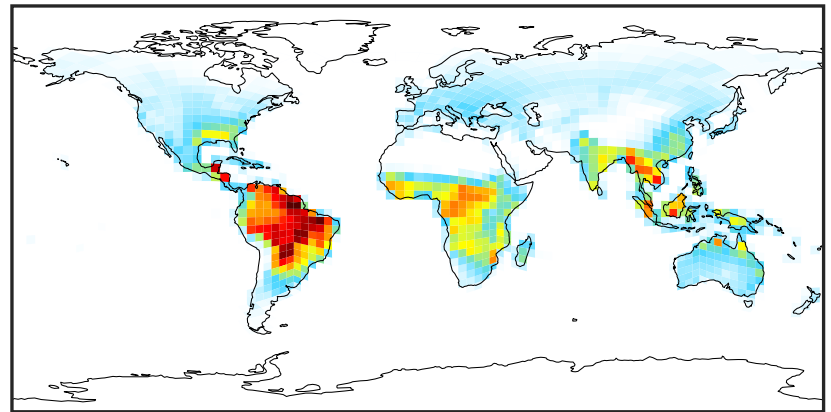
# EmisC2H4\_Biogenic (AnnualMean)

GCHP\_14.0.0 (Ref)  
c24



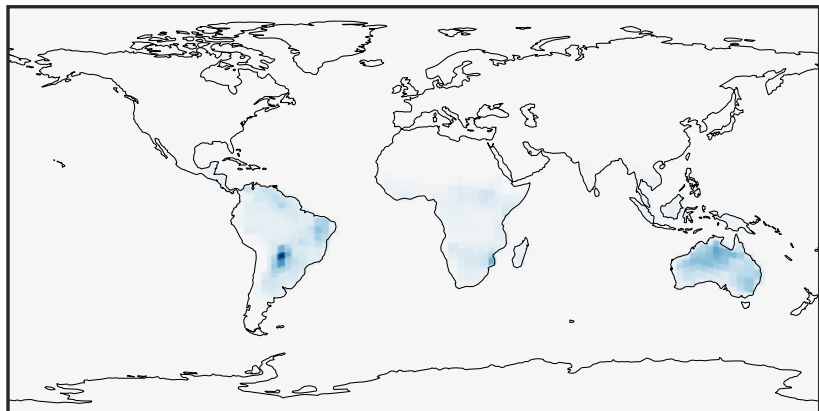
0.0 0.8 1.6 2.4  
kg/m2/s 1e-11

GCHP\_14.2.0 (Dev)  
c24



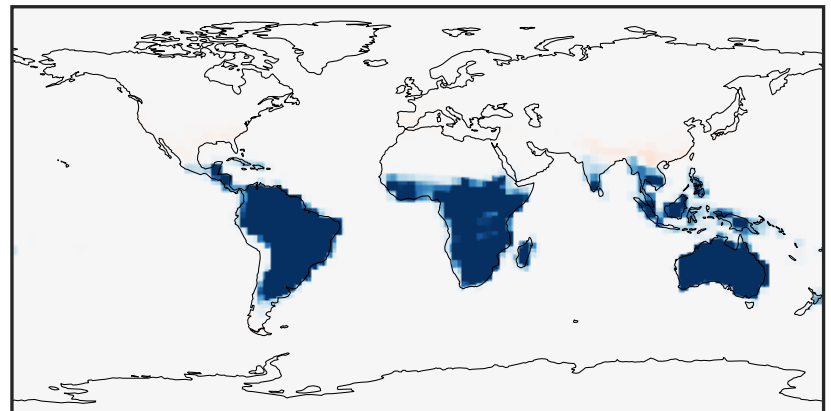
0.0 0.8 1.6 2.4  
kg/m2/s 1e-11

Difference (1x1.25)  
Dev - Ref, Dynamic Range



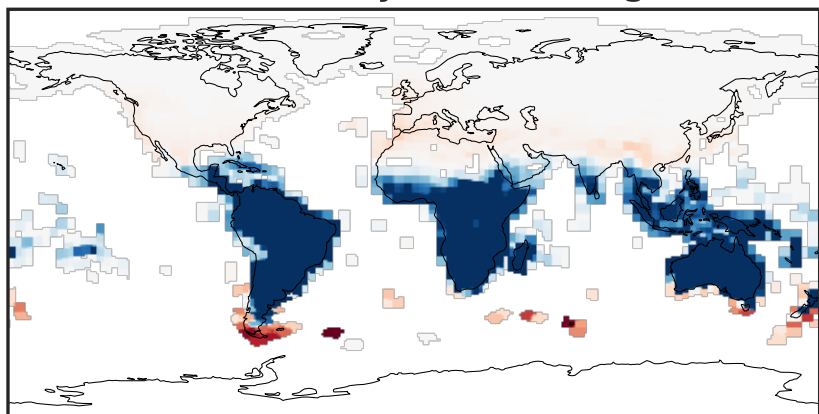
-2 0 2  
kg/m2/s 1e-13

Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



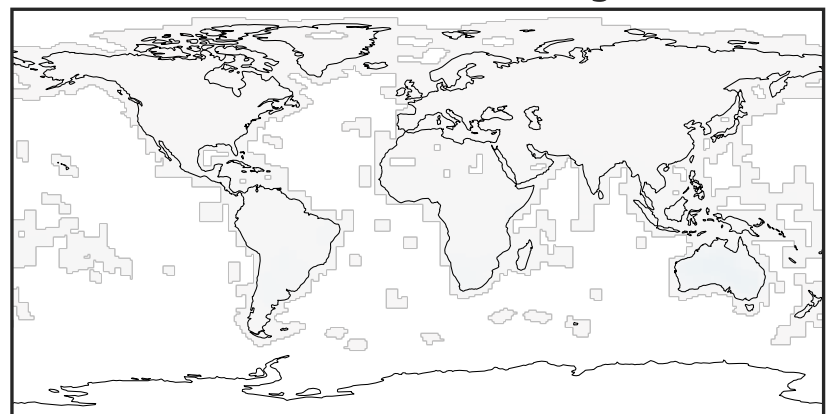
-1 0 1  
kg/m2/s 1e-14

Ratio (1x1.25)  
Dev/Ref, Dynamic Range



0.998668 0.999334 1.000000 1.000667 1.001334  
unitless

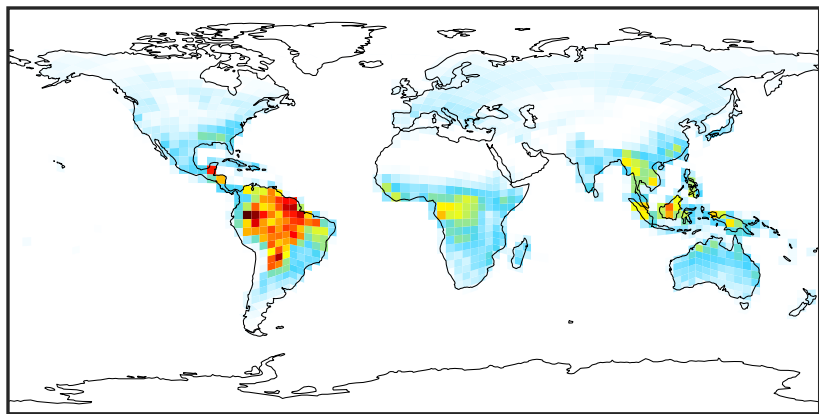
Ratio (1x1.25)  
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00  
unitless

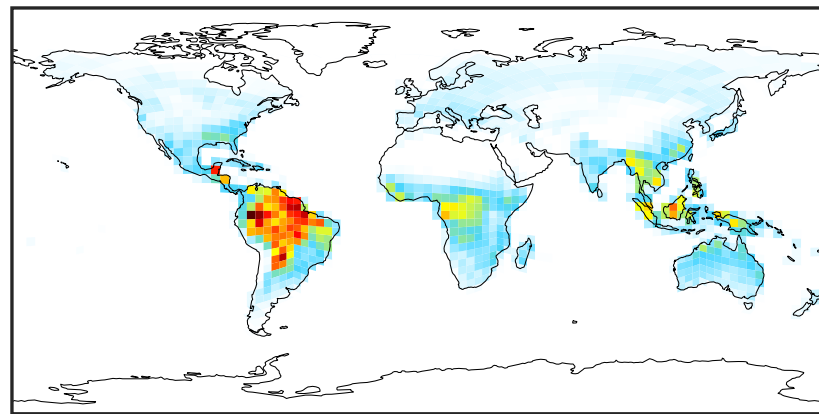
# EmisEOH\_Biogenic (AnnualMean)

GCHP\_14.0.0 (Ref)  
c24



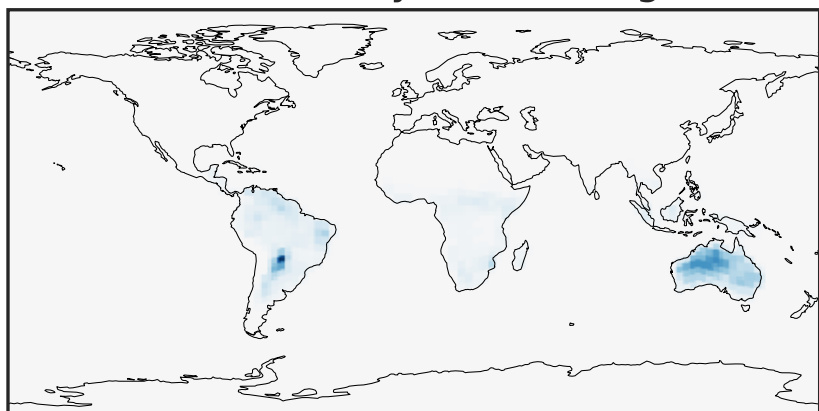
0.0 0.8 1.6 2.4  
kg/m<sup>2</sup>/s 1e-11

GCHP\_14.2.0 (Dev)  
c24



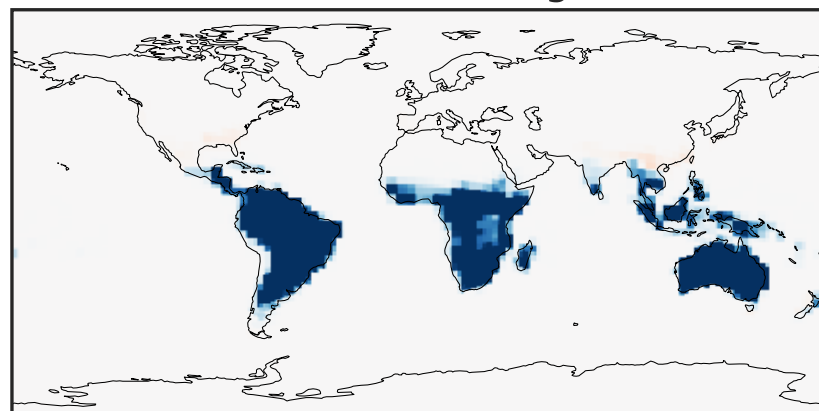
0.0 0.8 1.6 2.4  
kg/m<sup>2</sup>/s 1e-11

Difference (1x1.25)  
Dev - Ref, Dynamic Range



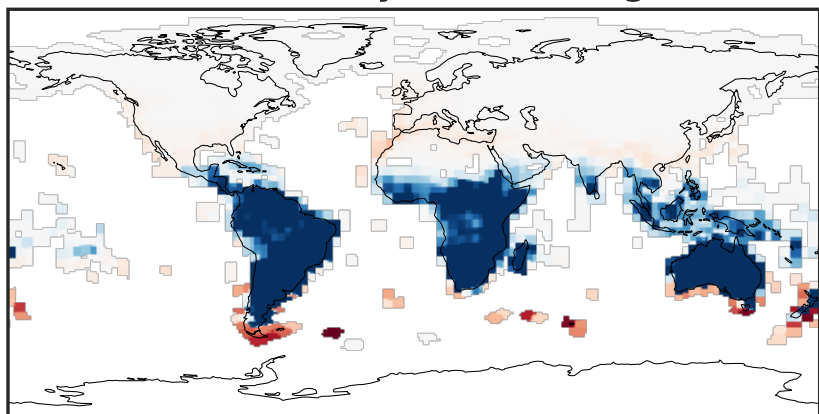
-2 0 2  
kg/m<sup>2</sup>/s 1e-13

Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



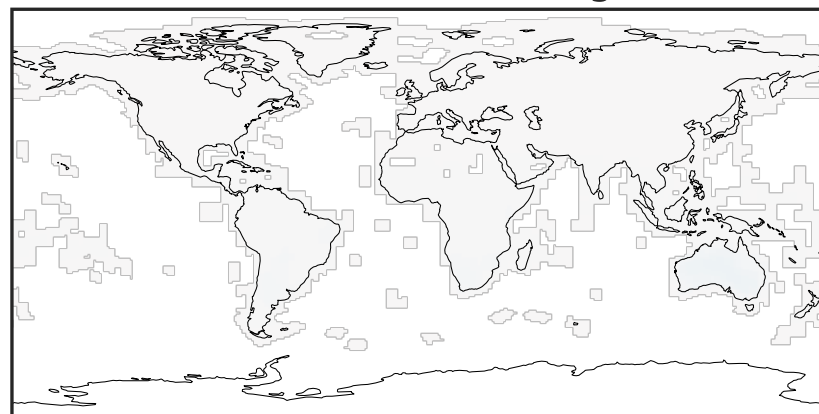
-5 0 5  
kg/m<sup>2</sup>/s 1e-15

Ratio (1x1.25)  
Dev/Ref, Dynamic Range



0.998730 0.999365 1.000000 1.000636 1.001272  
unitless

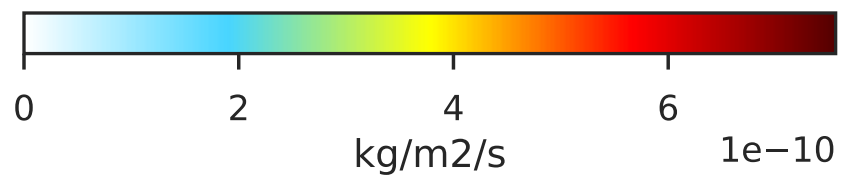
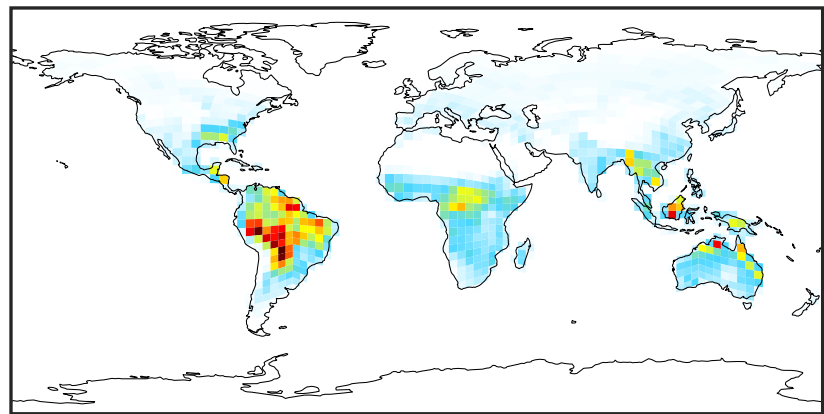
Ratio (1x1.25)  
Dev/Ref, Fixed Range



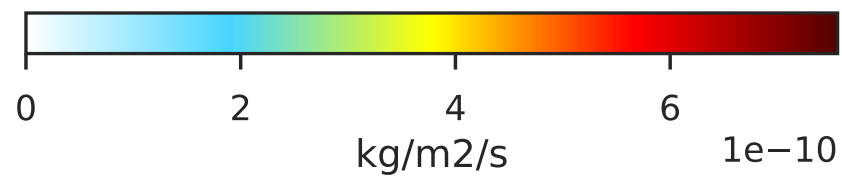
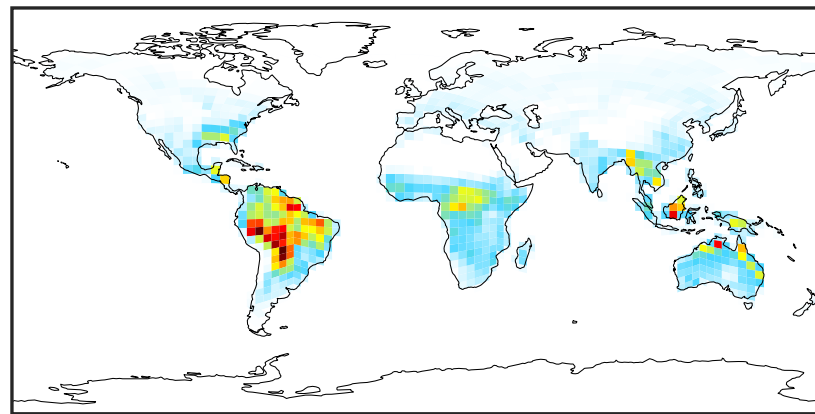
0.50 0.75 1.00 1.50 2.00  
unitless

# EmisSOP\_Biogenic (AnnualMean)

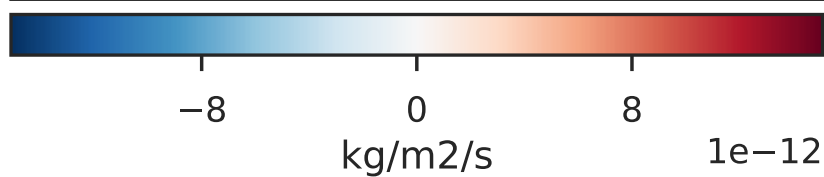
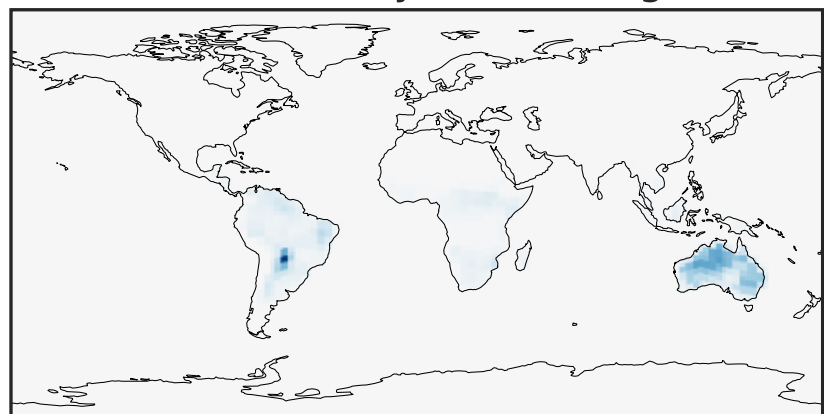
GCHP\_14.0.0 (Ref)  
c24



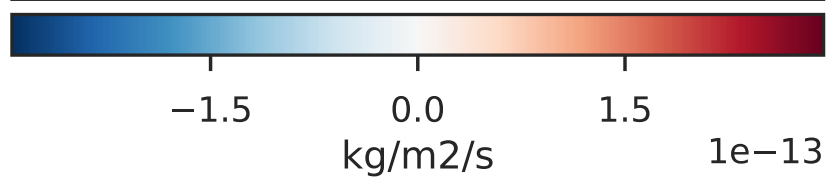
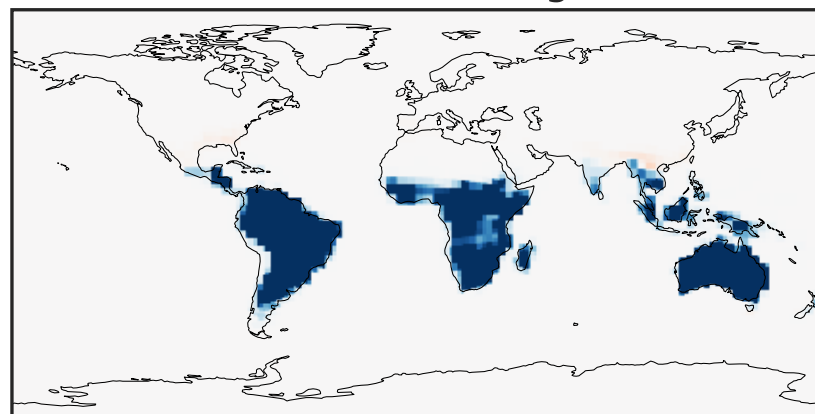
GCHP\_14.2.0 (Dev)  
c24



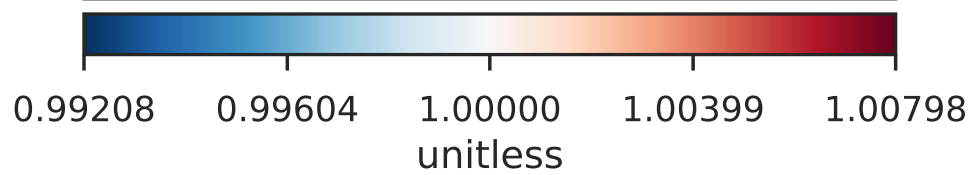
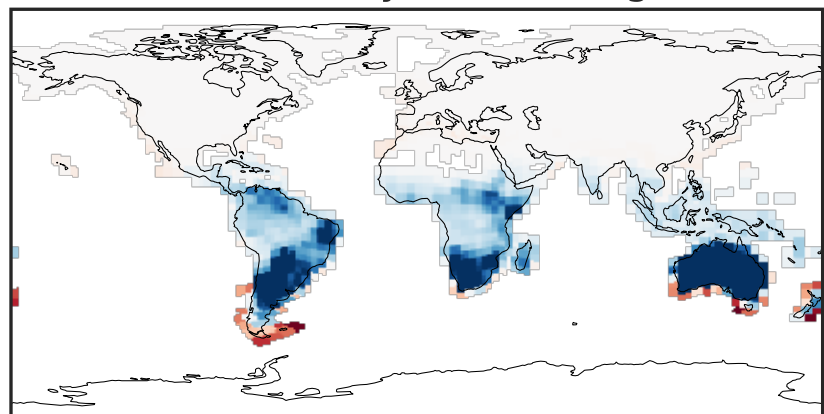
Difference (1x1.25)  
Dev - Ref, Dynamic Range



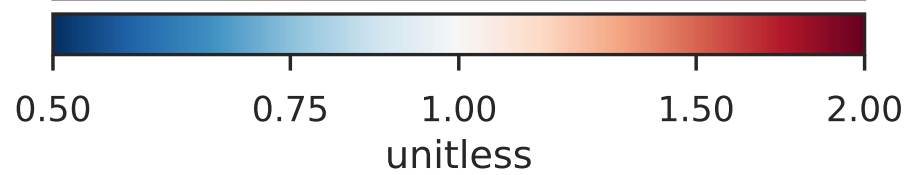
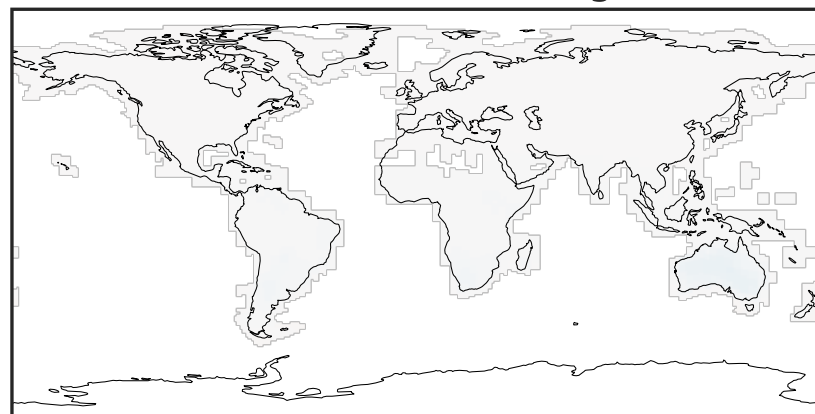
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)  
Dev/Ref, Dynamic Range

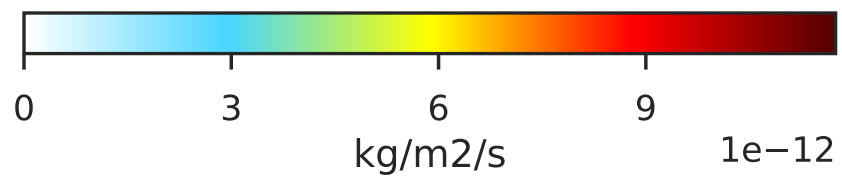
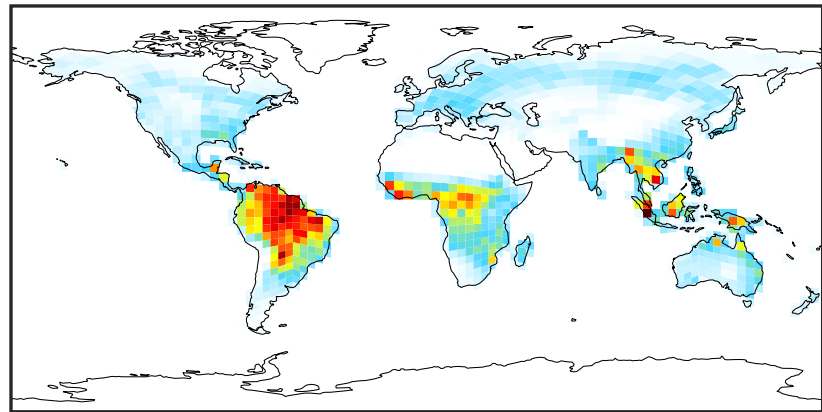


Ratio (1x1.25)  
Dev/Ref, Fixed Range

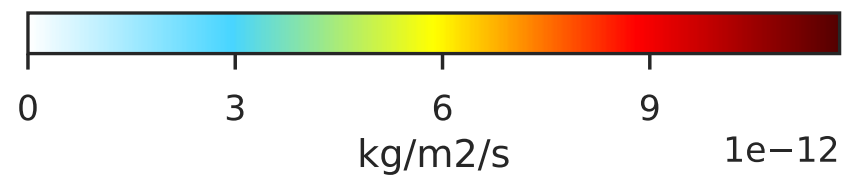
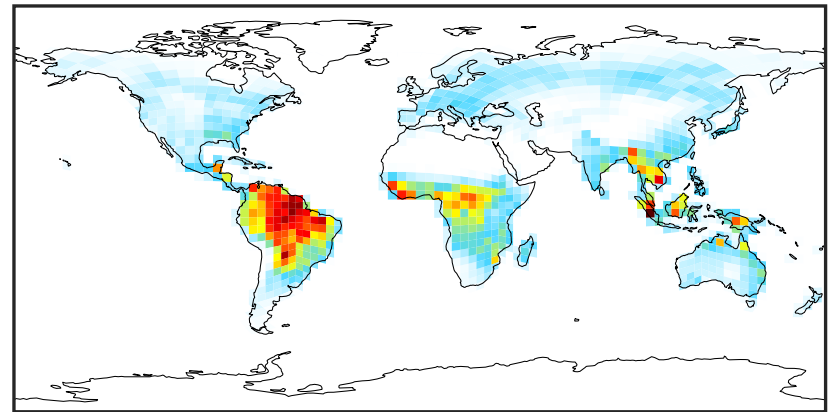


# EmisLIMO\_Biogenic (AnnualMean)

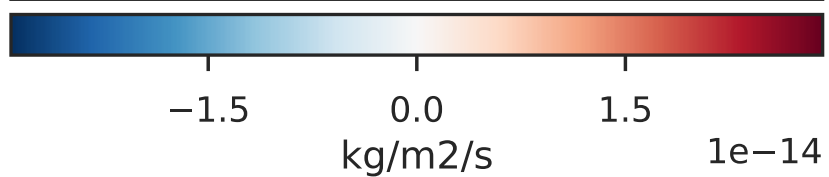
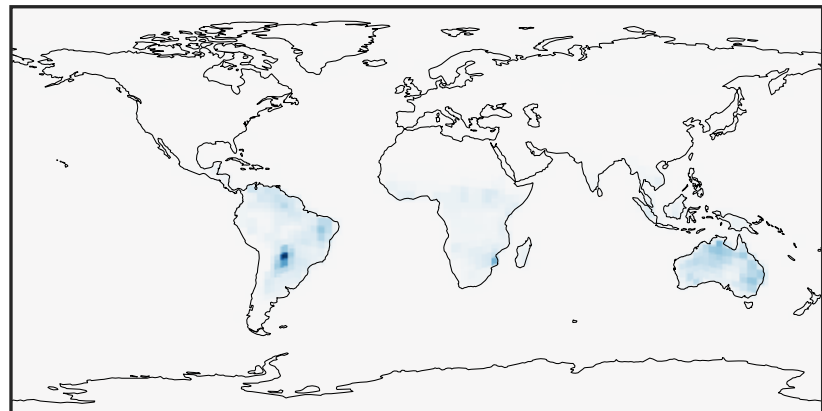
GCHP\_14.0.0 (Ref)  
c24



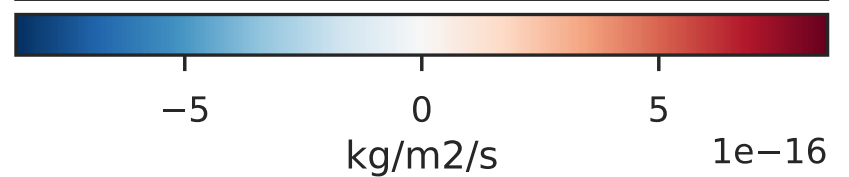
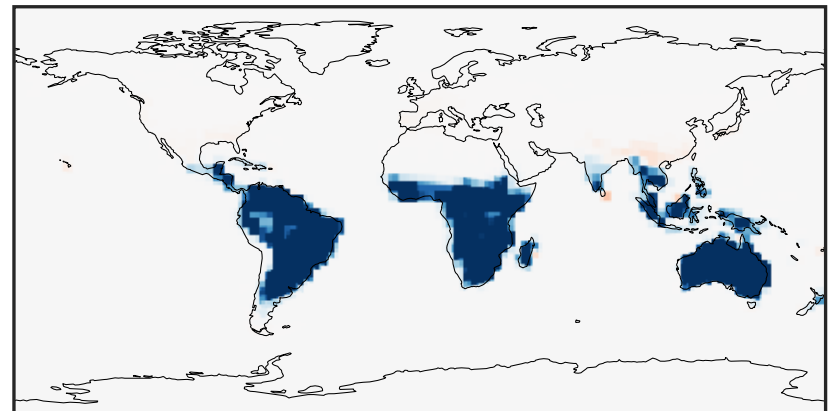
GCHP\_14.2.0 (Dev)  
c24



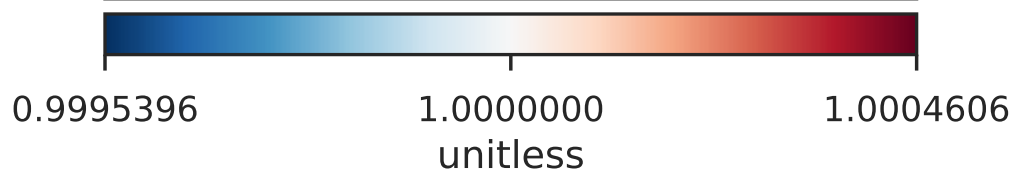
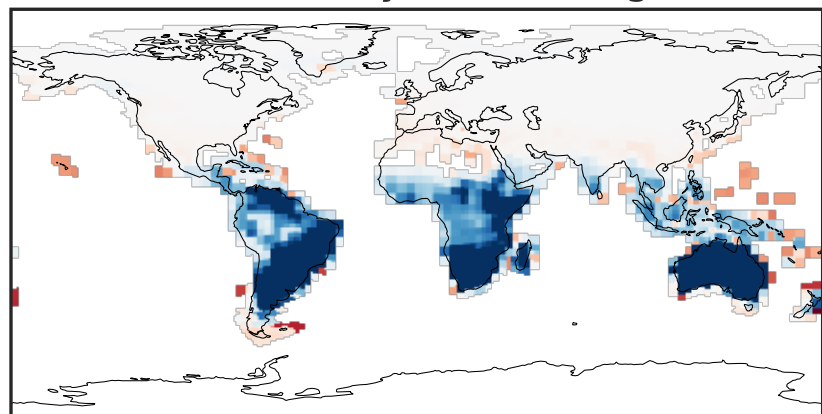
Difference (1x1.25)  
Dev - Ref, Dynamic Range



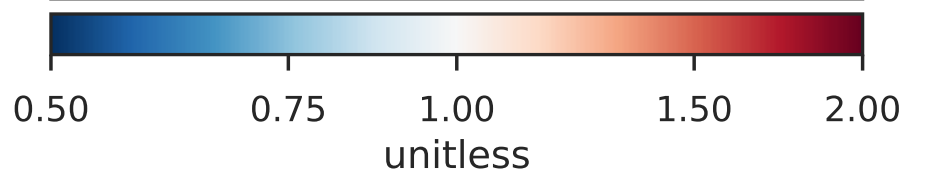
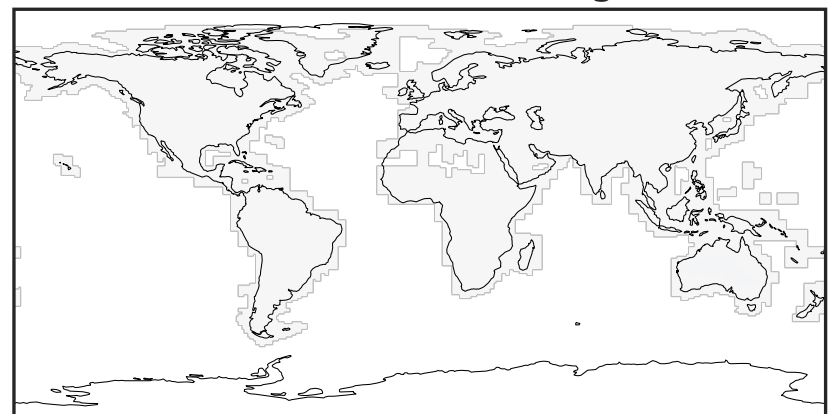
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)  
Dev/Ref, Dynamic Range

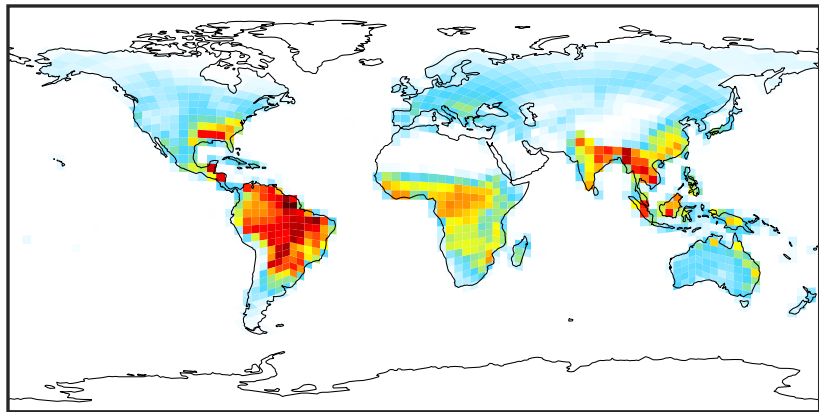


Ratio (1x1.25)  
Dev/Ref, Fixed Range



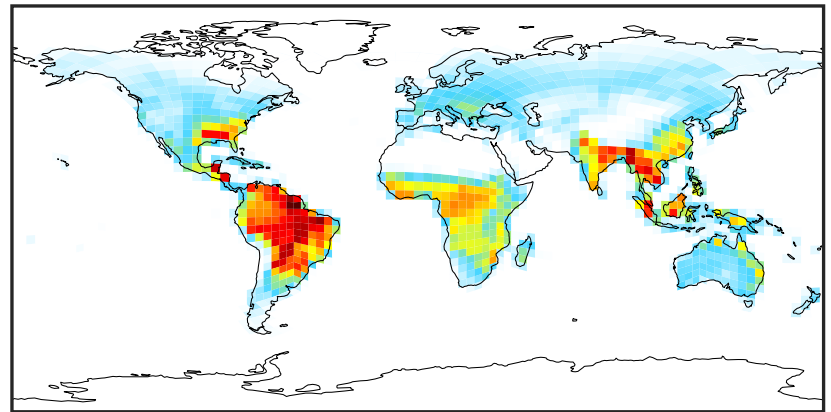
# EmisMOH\_Biogenic (AnnualMean)

GCHP\_14.0.0 (Ref)  
c24



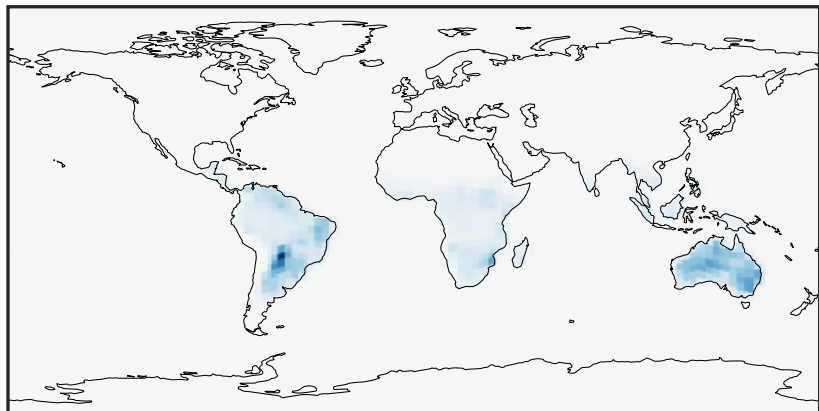
0.0 2.5 5.0 7.5  
kg/m<sup>2</sup>/s 1e-11

GCHP\_14.2.0 (Dev)  
c24



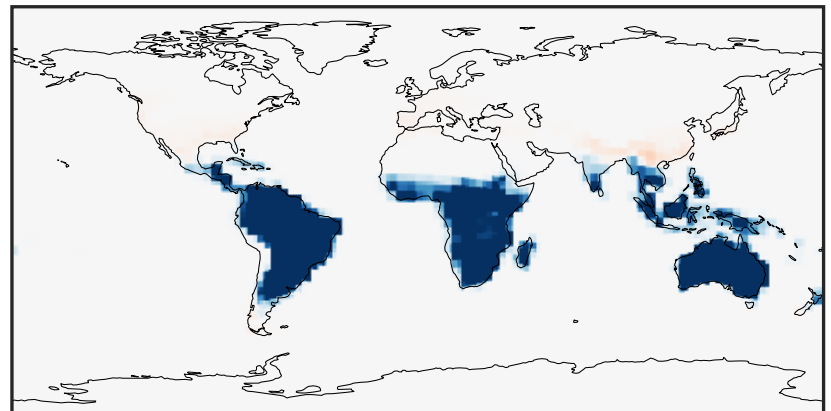
0.0 2.5 5.0 7.5  
kg/m<sup>2</sup>/s 1e-11

Difference (1x1.25)  
Dev - Ref, Dynamic Range



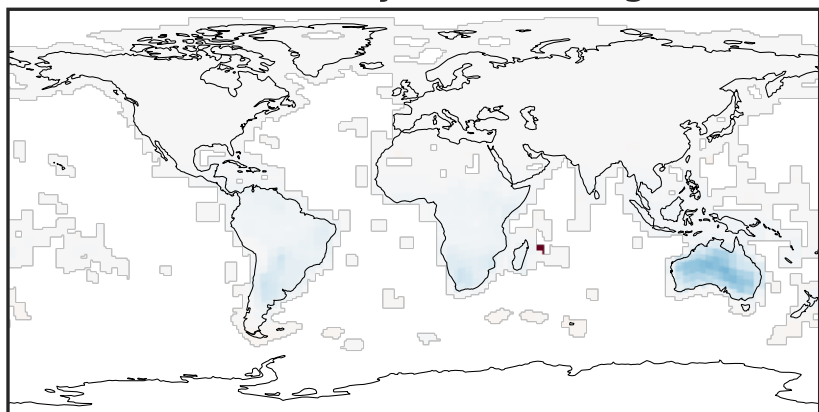
-6 0 6  
kg/m<sup>2</sup>/s 1e-13

Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



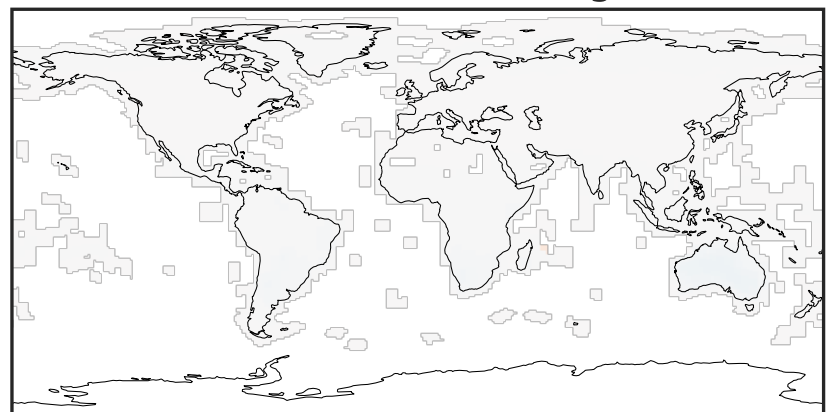
-4 0 4  
kg/m<sup>2</sup>/s 1e-14

Ratio (1x1.25)  
Dev/Ref, Dynamic Range



0.9224 0.9612 1.0000 1.0421 1.0841  
unitless

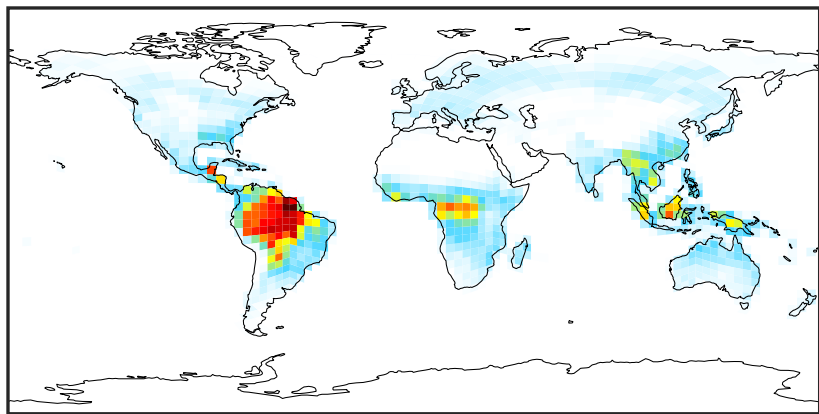
Ratio (1x1.25)  
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00  
unitless

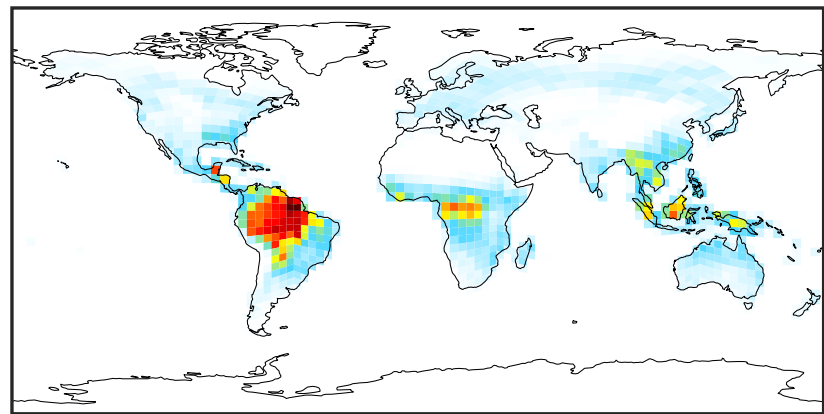
# EmisMTPA\_Biogenic (AnnualMean)

GCHP\_14.0.0 (Ref)  
c24



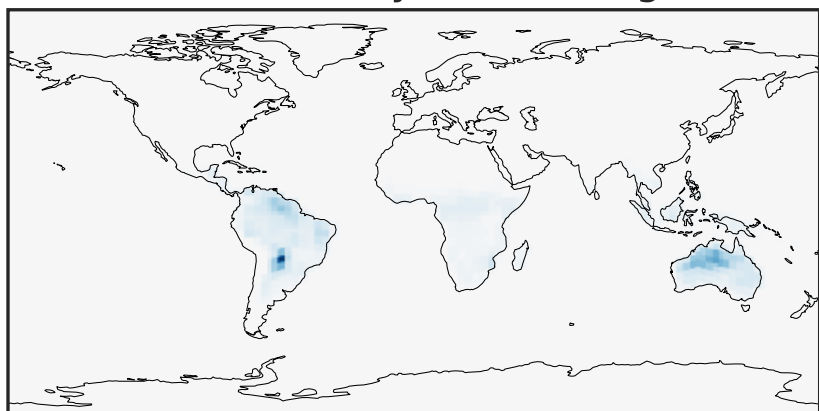
0.0 0.4 0.8 1.2  
kg/m<sup>2</sup>/s 1e-10

GCHP\_14.2.0 (Dev)  
c24



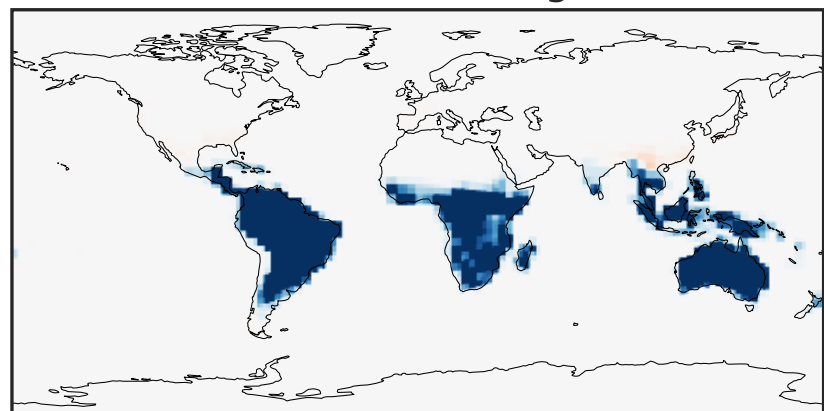
0.0 0.4 0.8 1.2  
kg/m<sup>2</sup>/s 1e-10

Difference (1x1.25)  
Dev - Ref, Dynamic Range



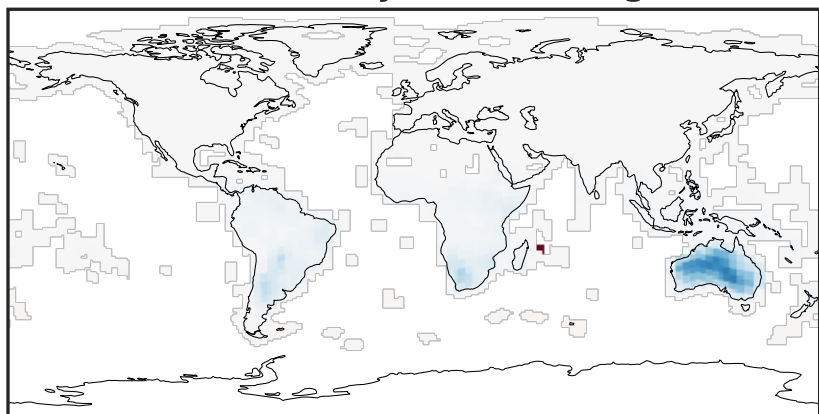
-5 0 5  
kg/m<sup>2</sup>/s 1e-13

Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



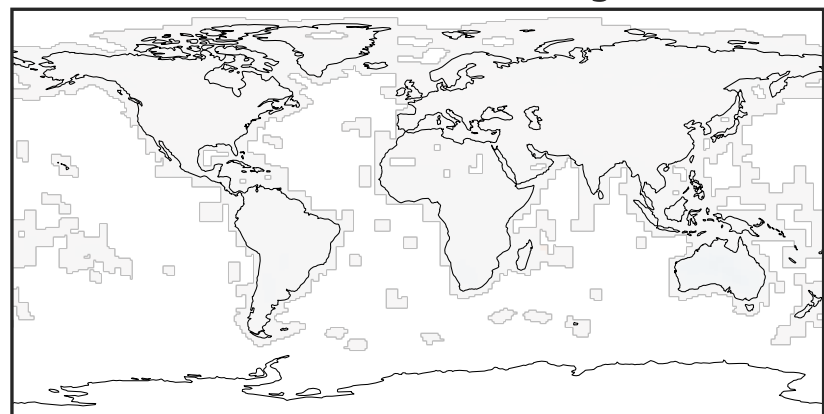
-1.5 0.0 1.5  
kg/m<sup>2</sup>/s 1e-14

Ratio (1x1.25)  
Dev/Ref, Dynamic Range



0.96755 0.98378 1.00000 1.01677 1.03354  
unitless

Ratio (1x1.25)  
Dev/Ref, Fixed Range

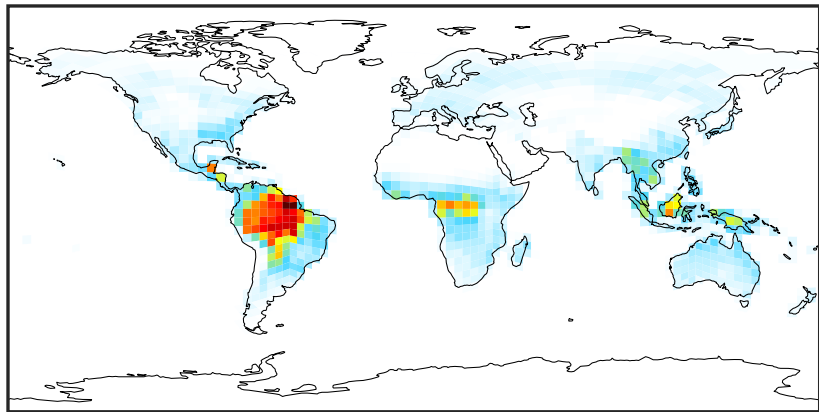


0.50 0.75 1.00 1.50 2.00  
unitless



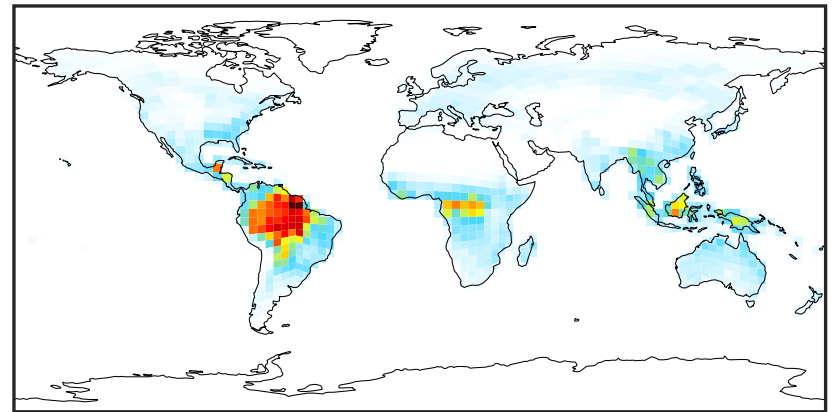
# EmisMTPO\_Biogenic (AnnualMean)

GCHP\_14.0.0 (Ref)  
c24



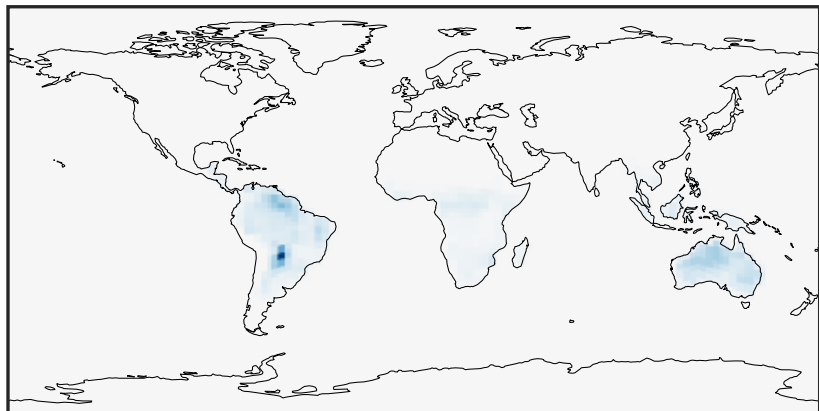
0.0 2.5 5.0 7.5  
kg/m<sup>2</sup>/s 1e-11

GCHP\_14.2.0 (Dev)  
c24



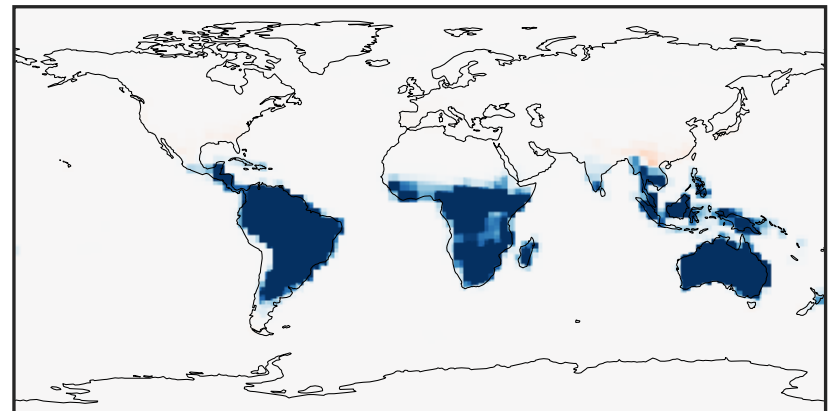
0.0 2.5 5.0 7.5  
kg/m<sup>2</sup>/s 1e-11

Difference (1x1.25)  
Dev - Ref, Dynamic Range



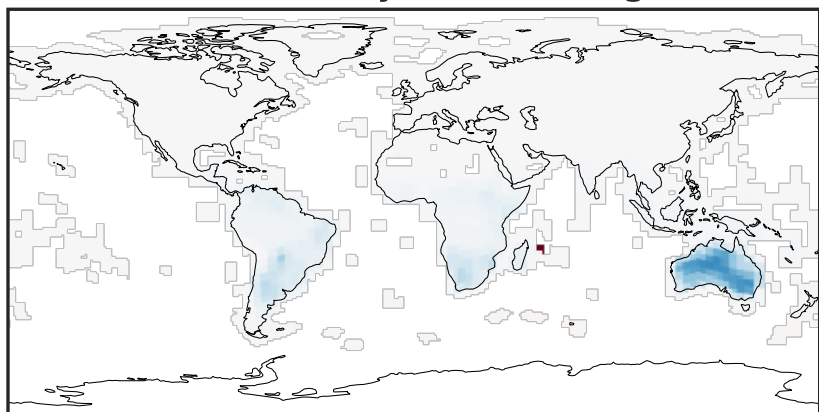
-3 0 3  
kg/m<sup>2</sup>/s 1e-13

Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



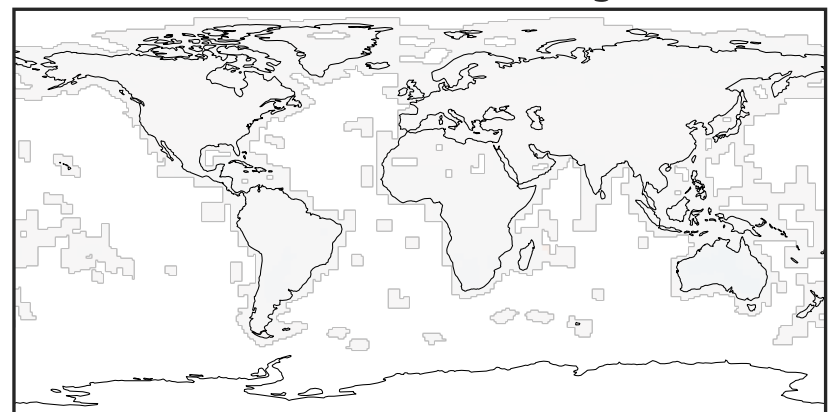
-8 0 8  
kg/m<sup>2</sup>/s 1e-15

Ratio (1x1.25)  
Dev/Ref, Dynamic Range



0.96755 0.98378 1.00000 1.01677 1.03354  
unitless

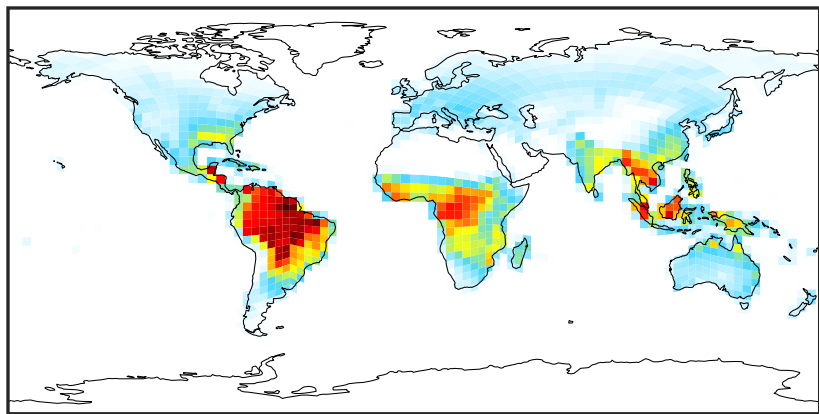
Ratio (1x1.25)  
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00  
unitless

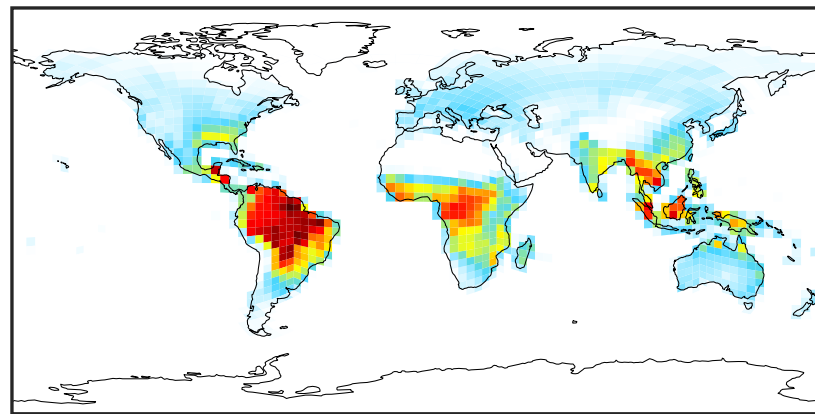
# EmisPRPE\_Biogenic (AnnualMean)

GCHP\_14.0.0 (Ref)  
c24



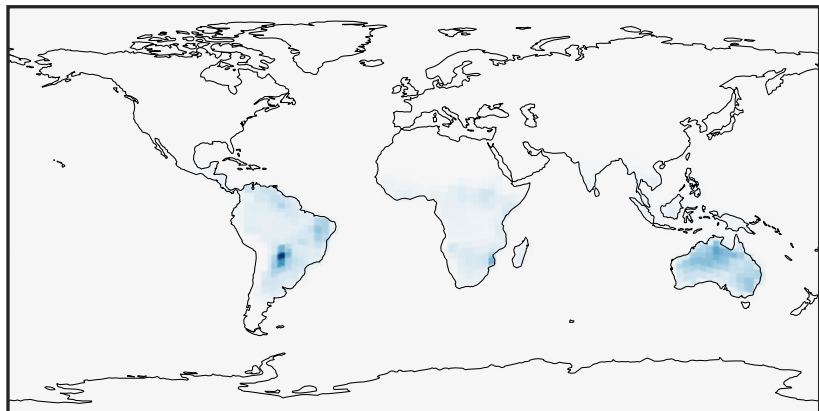
0.0 0.6 1.2 1.8  
kg/m<sup>2</sup>/s 1e-11

GCHP\_14.2.0 (Dev)  
c24



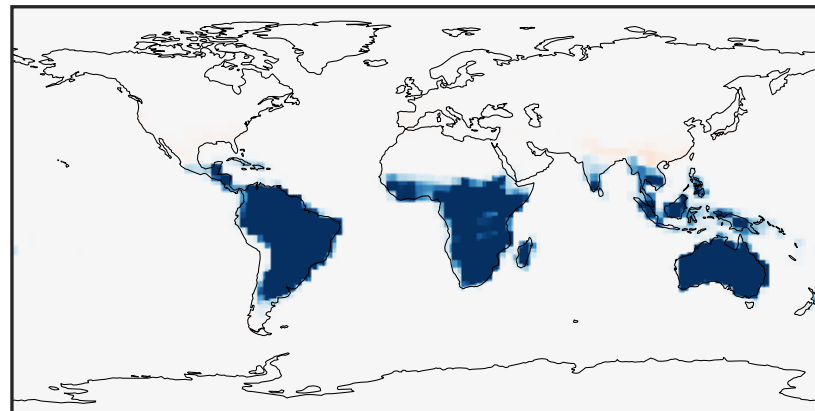
0.0 0.6 1.2 1.8  
kg/m<sup>2</sup>/s 1e-11

Difference (1x1.25)  
Dev - Ref, Dynamic Range



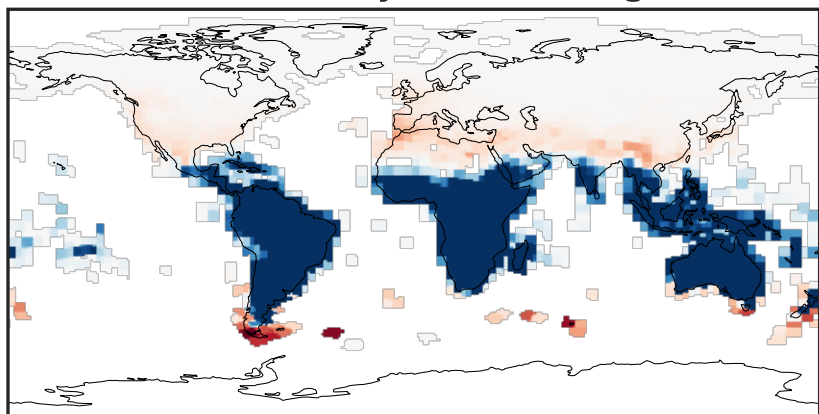
-3 0 3  
kg/m<sup>2</sup>/s 1e-14

Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



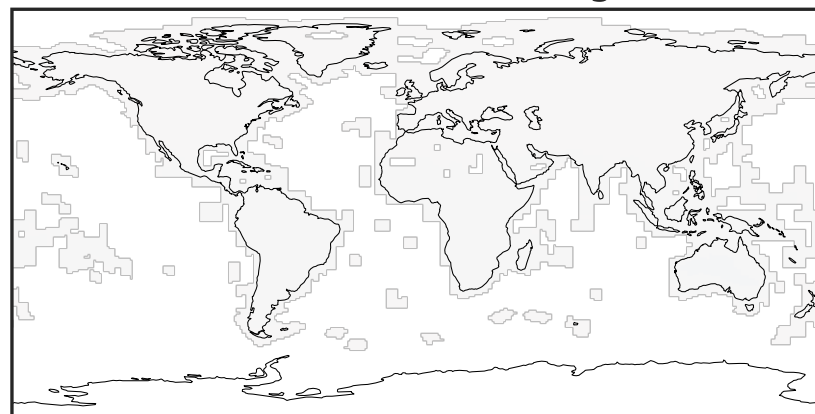
-1.5 0.0 1.5  
kg/m<sup>2</sup>/s 1e-15

Ratio (1x1.25)  
Dev/Ref, Dynamic Range



0.9999014 1.000000 1.0000986  
unitless

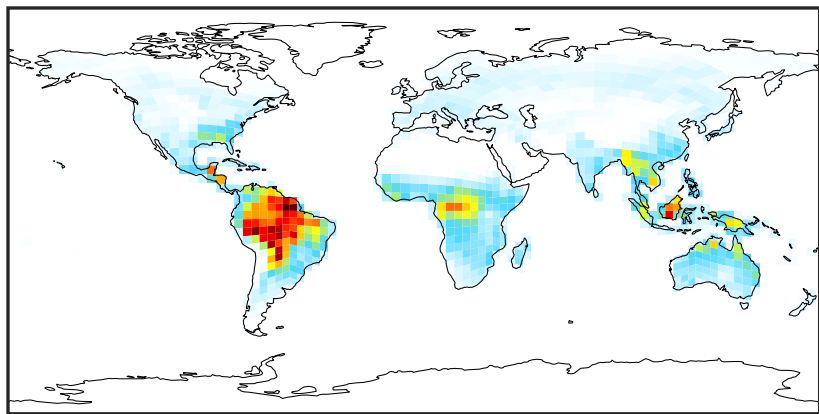
Ratio (1x1.25)  
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00  
unitless

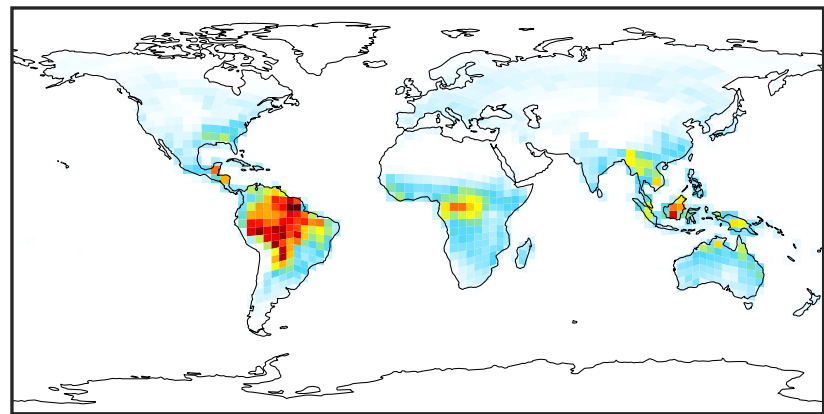
# EmisSOAP\_Biogenic (AnnualMean)

GCHP\_14.0.0 (Ref)  
c24



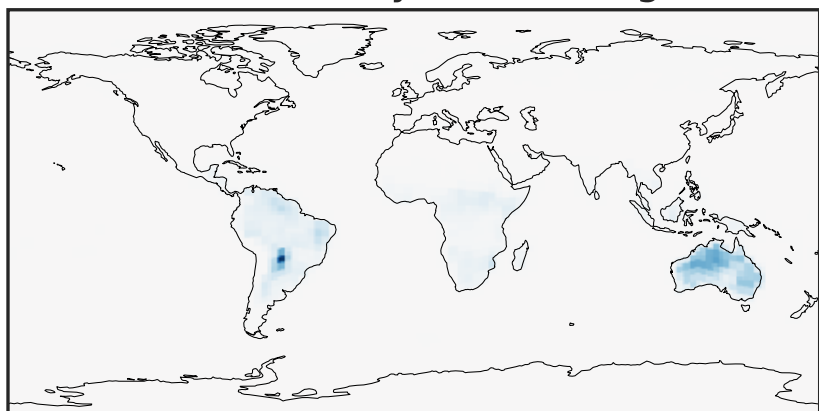
0.0 0.6 1.2 1.8  
kg/m<sup>2</sup>/s 1e-11

GCHP\_14.2.0 (Dev)  
c24



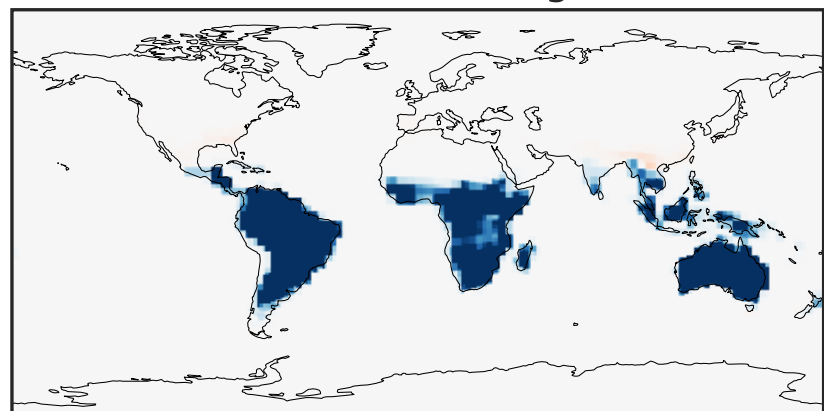
0.0 0.6 1.2 1.8  
kg/m<sup>2</sup>/s 1e-11

Difference (1x1.25)  
Dev - Ref, Dynamic Range



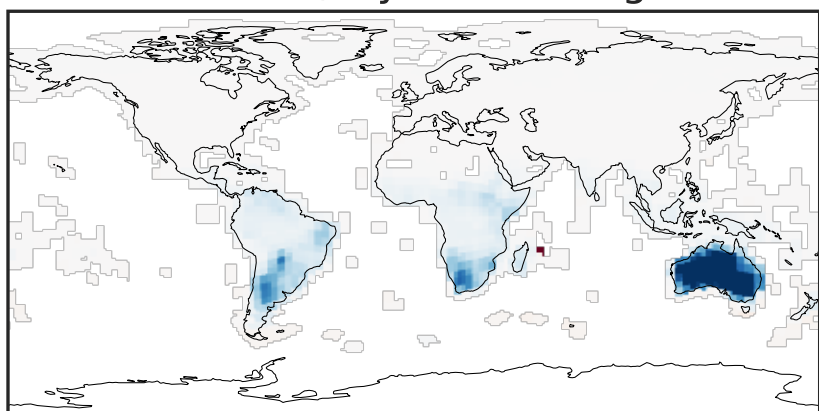
-1.5 0.0 1.5  
kg/m<sup>2</sup>/s 1e-13

Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



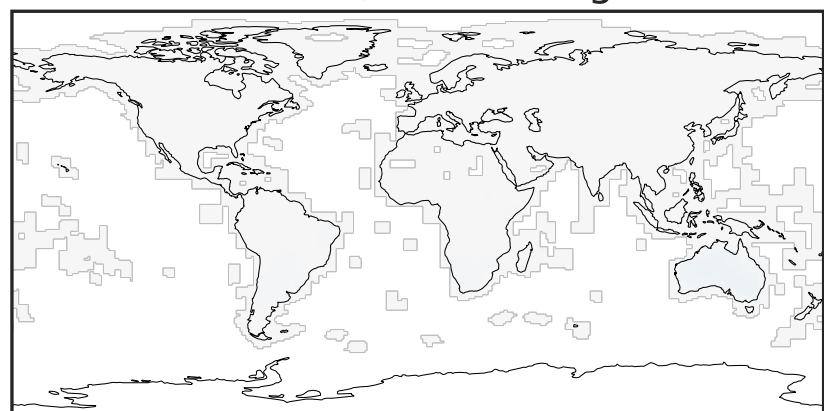
-4 0 4  
kg/m<sup>2</sup>/s 1e-15

Ratio (1x1.25)  
Dev/Ref, Dynamic Range



0.97928 0.98964 1.00000 1.01058 1.02116  
unitless

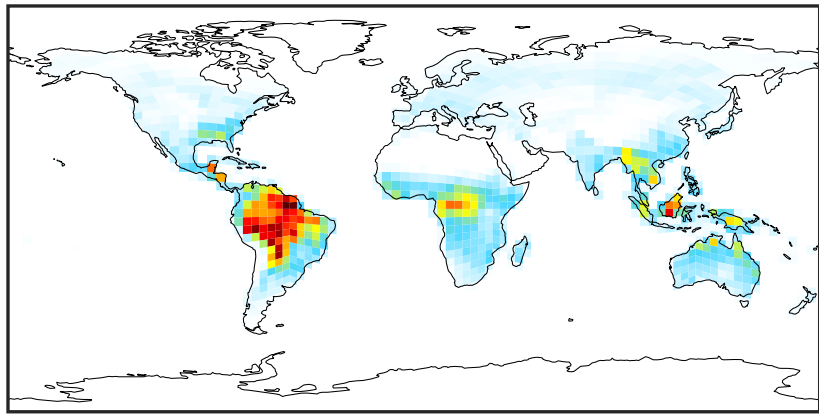
Ratio (1x1.25)  
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00  
unitless

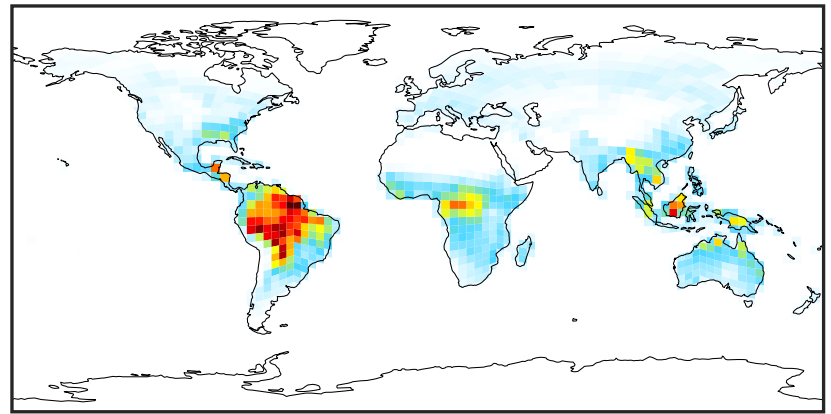
# EmisSOAS\_Biogenic (AnnualMean)

GCHP\_14.0.0 (Ref)  
c24



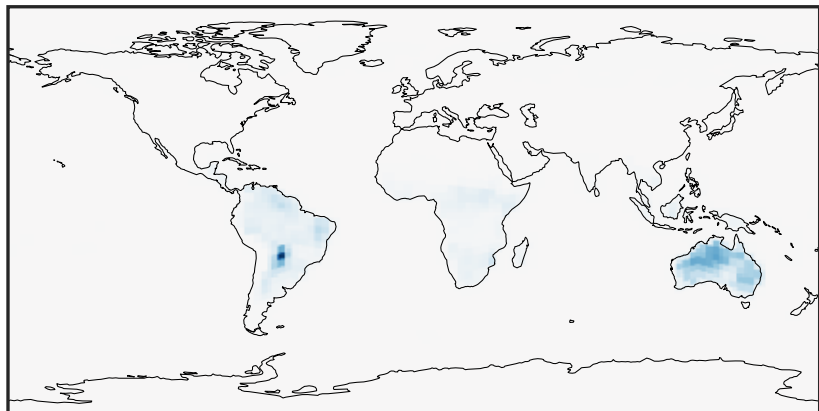
0.0 0.6 1.2 1.8  
kg/m<sup>2</sup>/s 1e-11

GCHP\_14.2.0 (Dev)  
c24



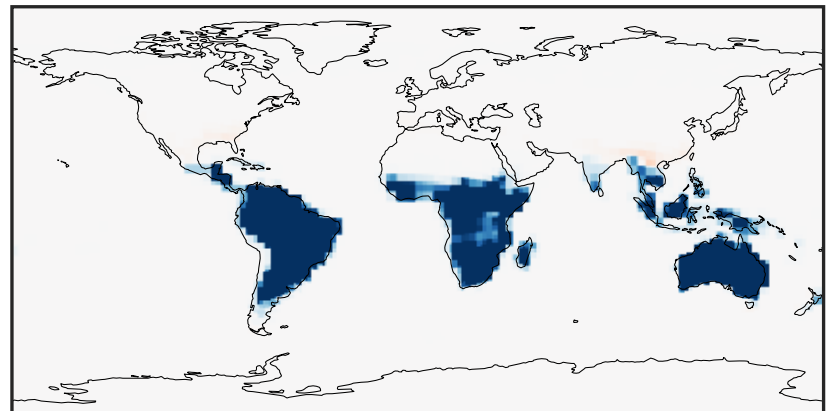
0.0 0.6 1.2 1.8  
kg/m<sup>2</sup>/s 1e-11

Difference (1x1.25)  
Dev - Ref, Dynamic Range



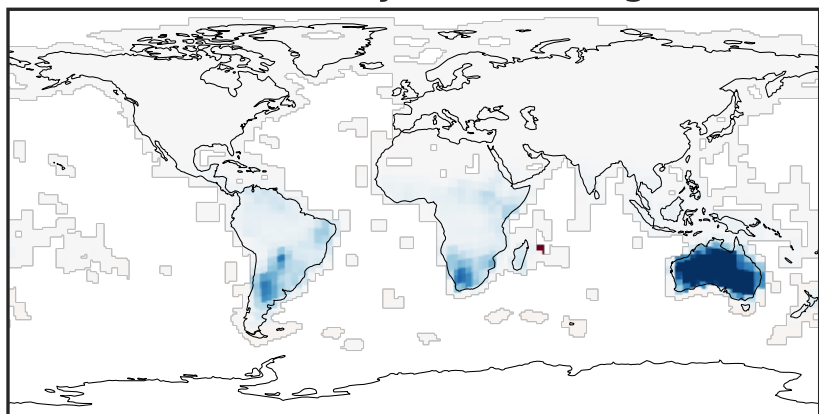
-1.5 0.0 1.5  
kg/m<sup>2</sup>/s 1e-13

Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



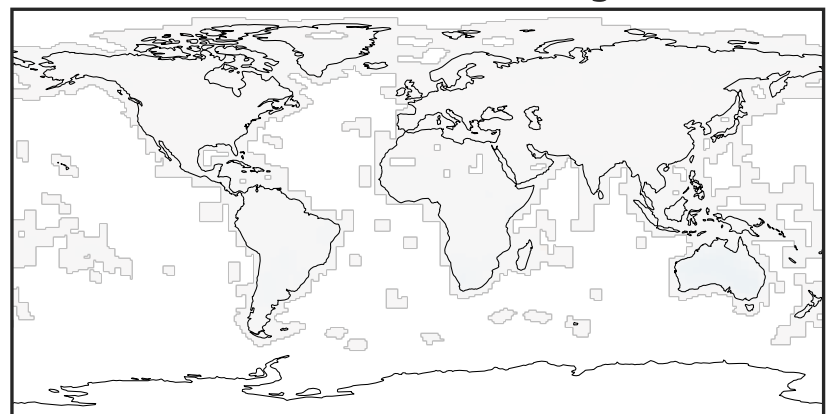
-4 0 4  
kg/m<sup>2</sup>/s 1e-15

Ratio (1x1.25)  
Dev/Ref, Dynamic Range



0.97928 0.98964 1.00000 1.01058 1.02116  
unitless

Ratio (1x1.25)  
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00  
unitless