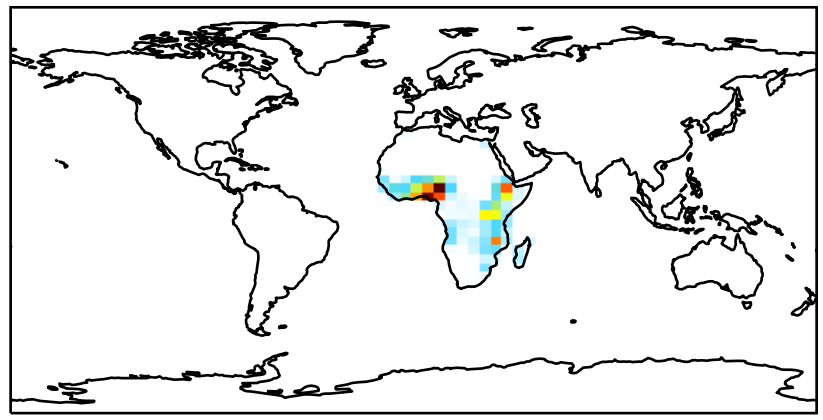
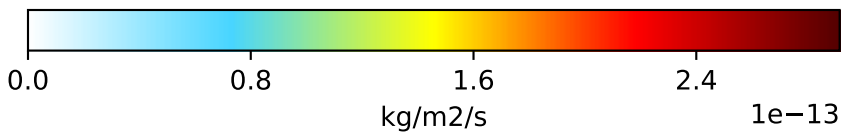
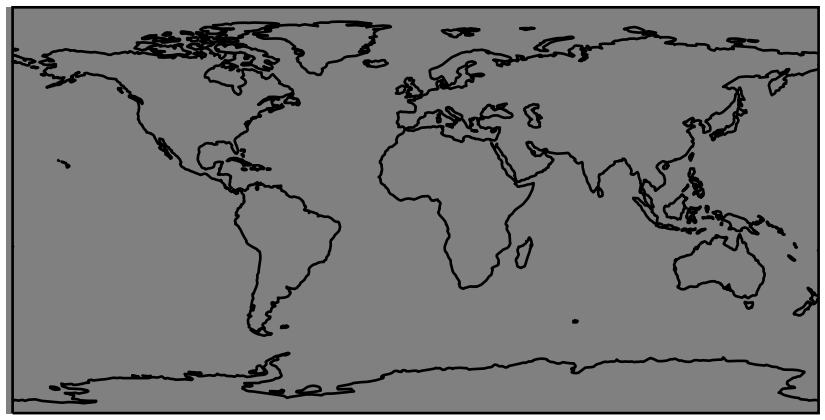
EmisACET_Biofuel

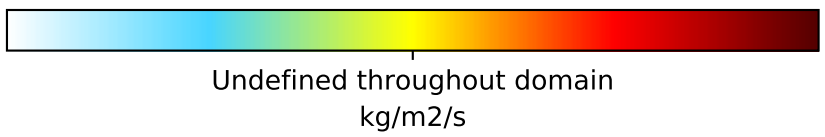
GC_12.3.0 (Ref)
4x5



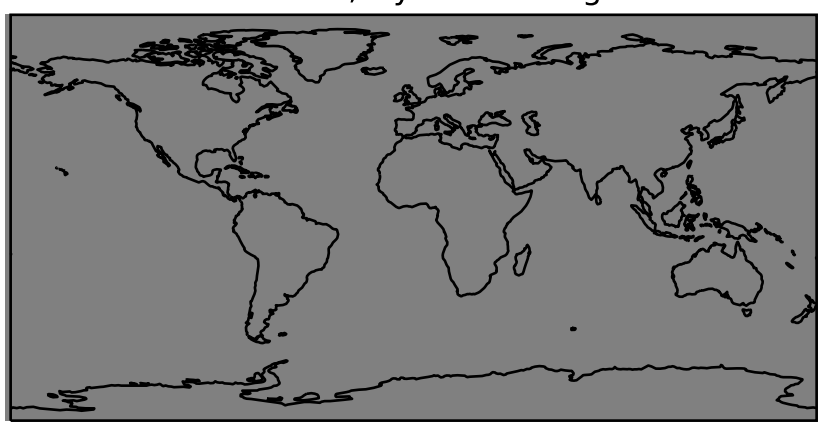


GC_12.5.0 (Dev)
4x5

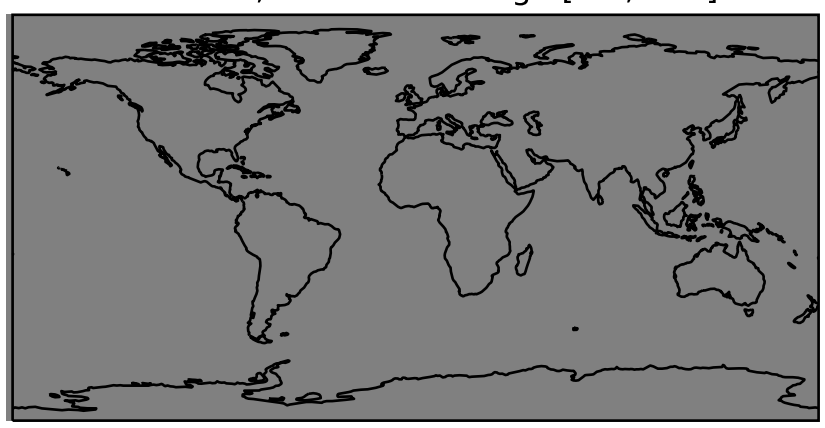




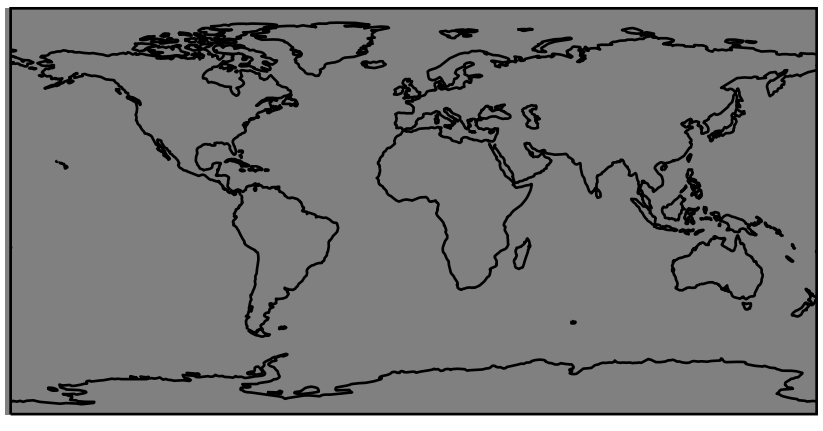
Difference
Dev - Ref, Dynamic Range



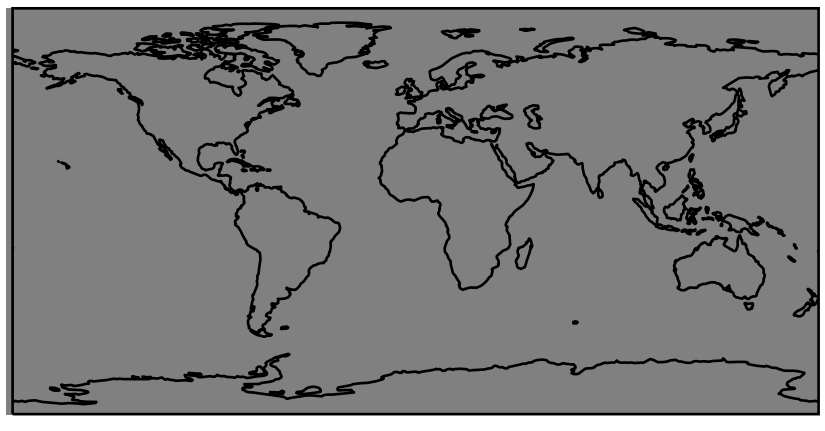
Difference
Dev - Ref, Restricted Range [5%,95%]



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

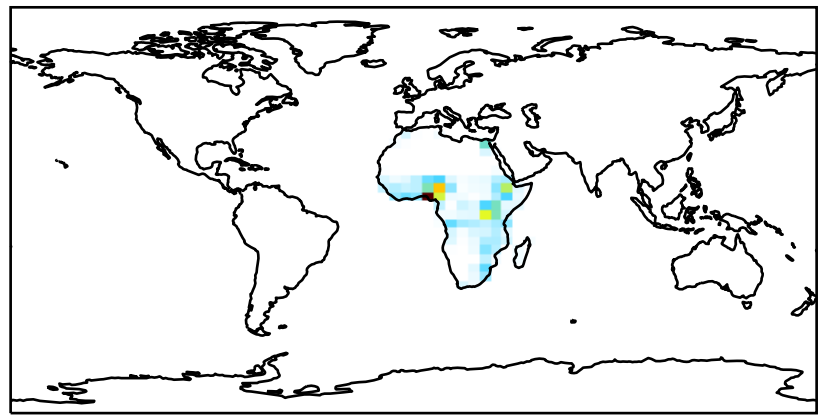


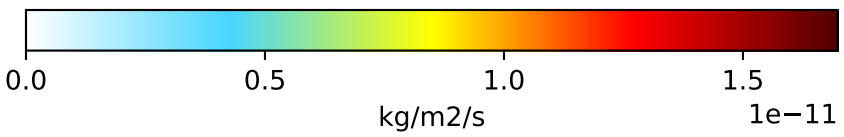
Fractional Difference
(Dev-Ref)/Ref, Fixed Range



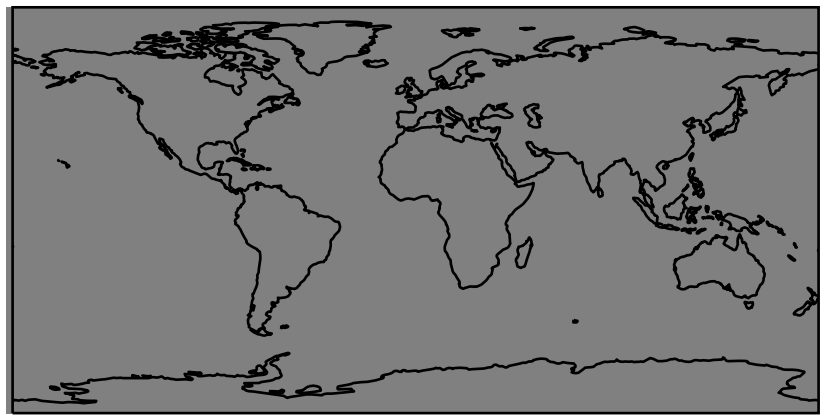
EmisALD2_Biofuel

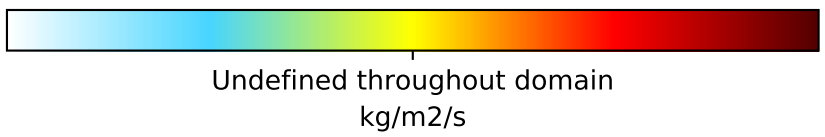
GC_12.3.0 (Ref)
4x5



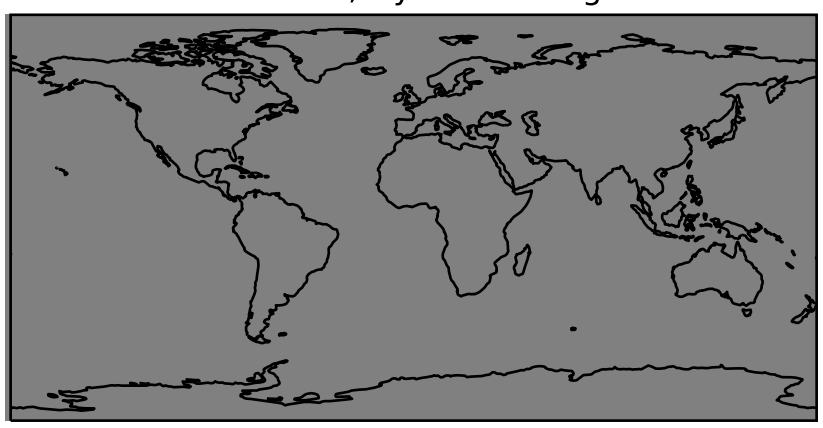


GC_12.5.0 (Dev)
4x5

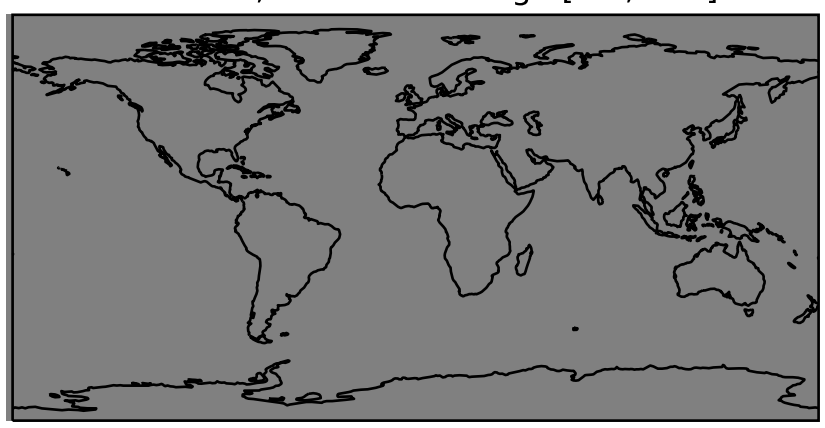




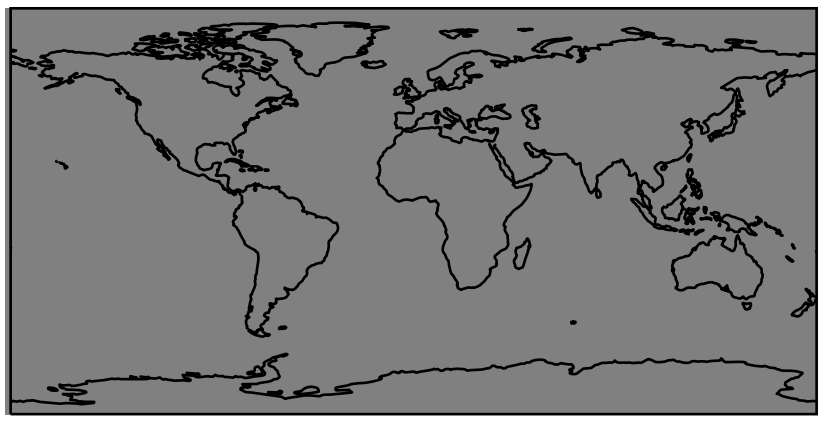
Difference
Dev - Ref, Dynamic Range



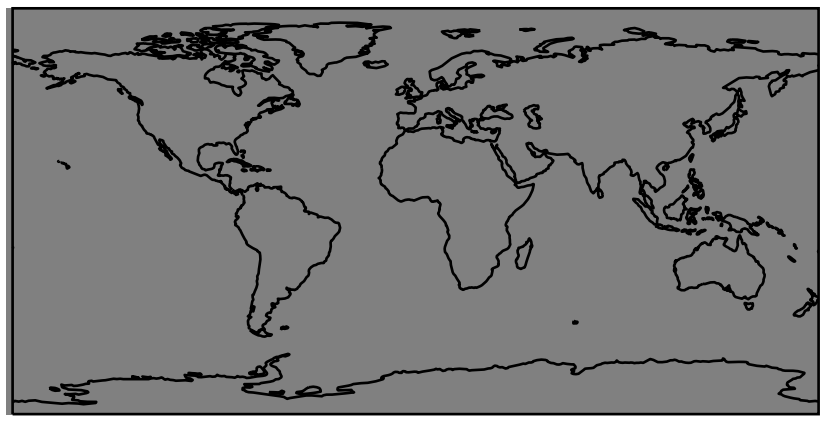
Difference
Dev - Ref, Restricted Range [5%,95%]



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

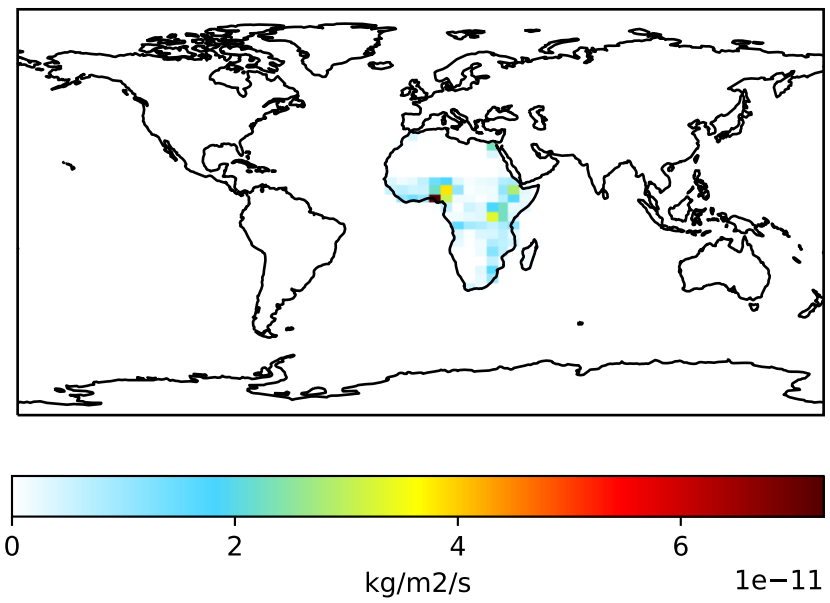


Fractional Difference
(Dev-Ref)/Ref, Fixed Range

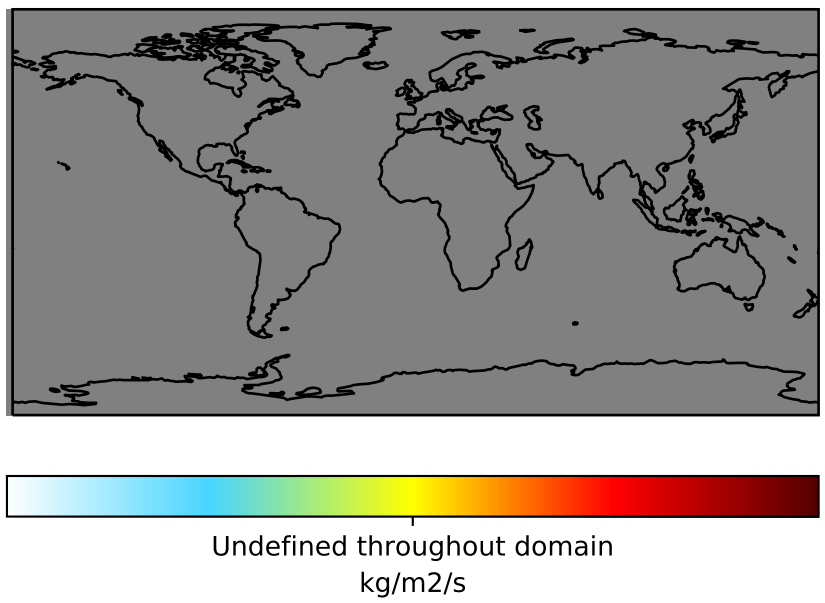


EmisALK4_Biofuel

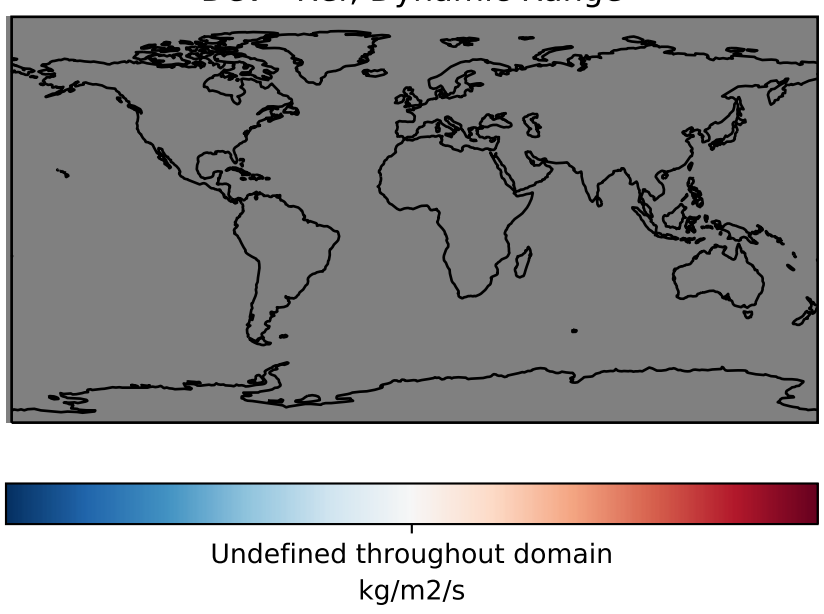
GC_12.3.0 (Ref)
4x5



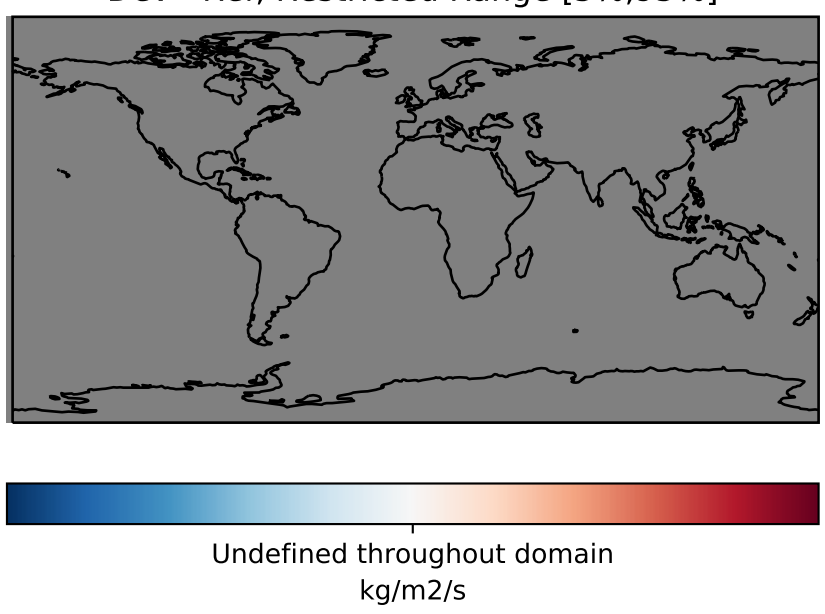
GC_12.5.0 (Dev)
4x5



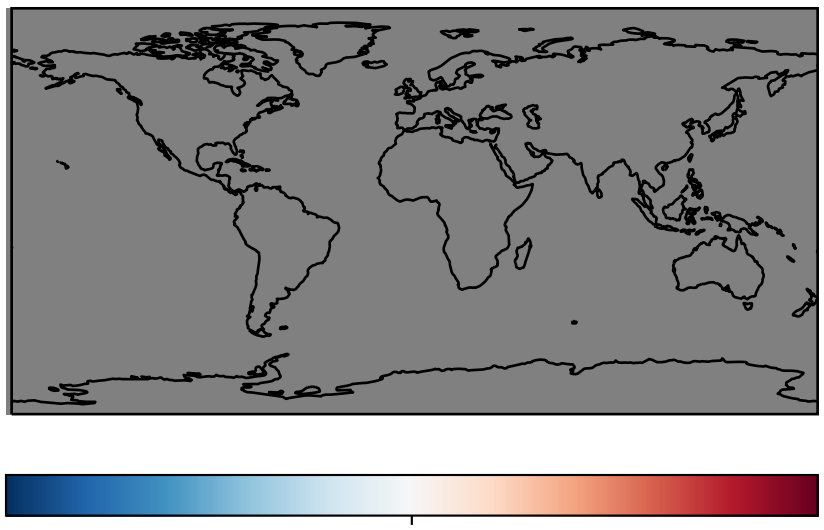
Difference
Dev - Ref, Dynamic Range



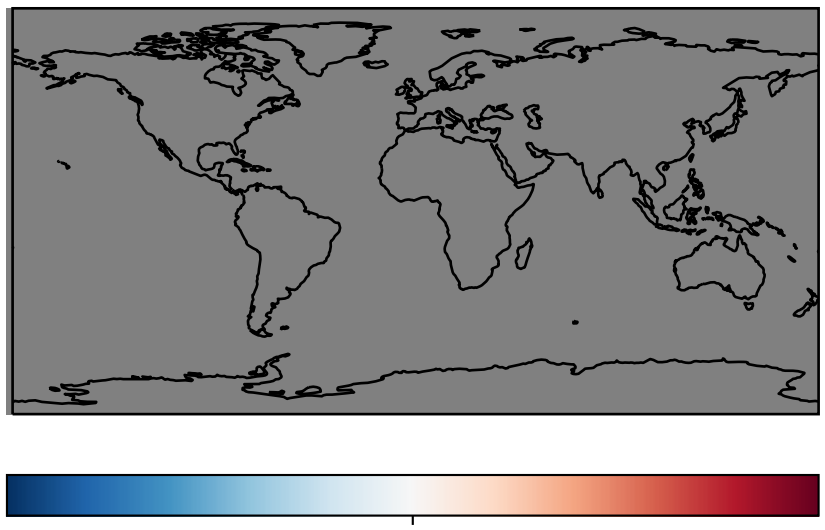
Difference
Dev - Ref, Restricted Range [5%,95%]



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

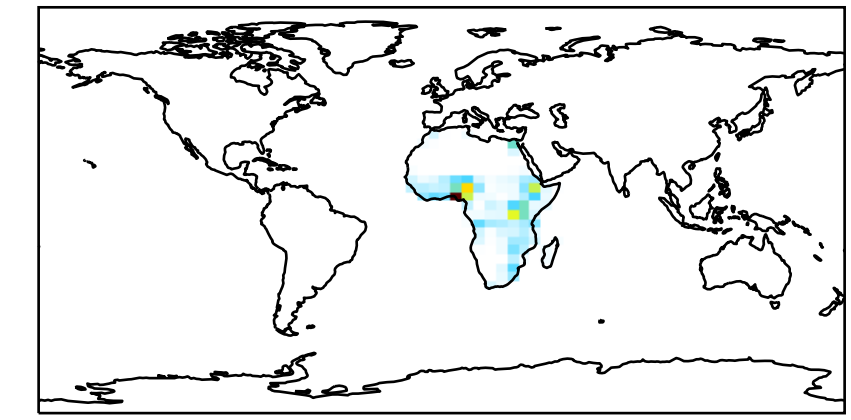


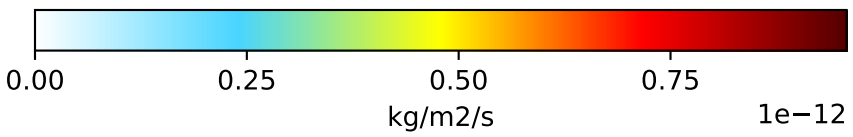
Fractional Difference
(Dev-Ref)/Ref, Fixed Range



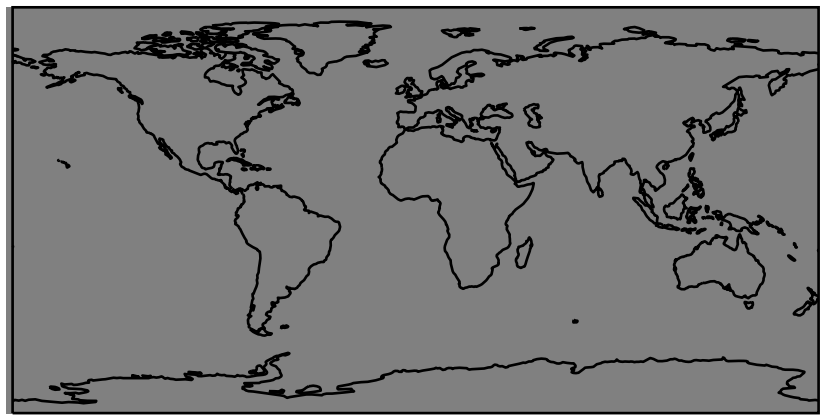
EmisBCPI_Biofuel

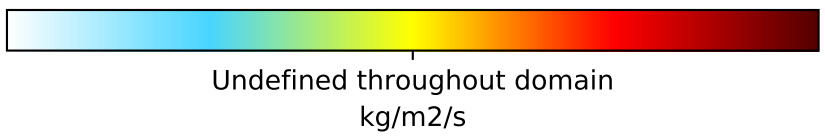
GC_12.3.0 (Ref)
4x5



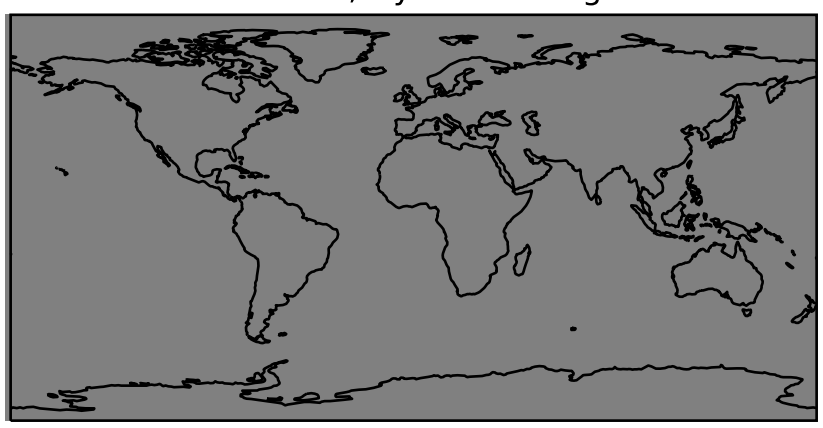


GC_12.5.0 (Dev)
4x5

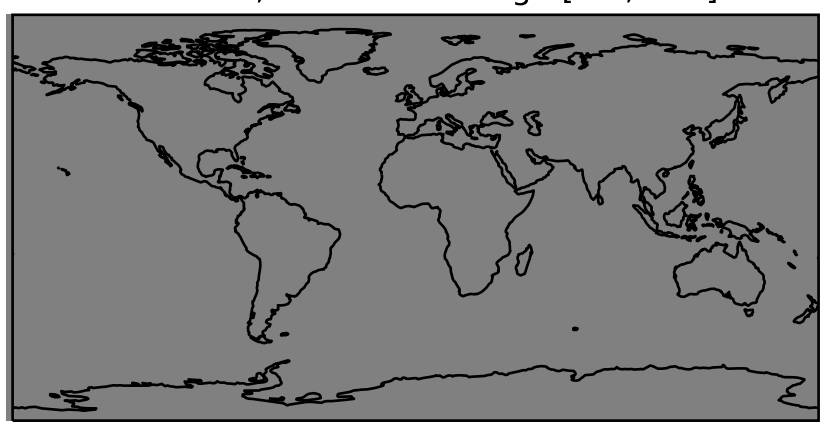




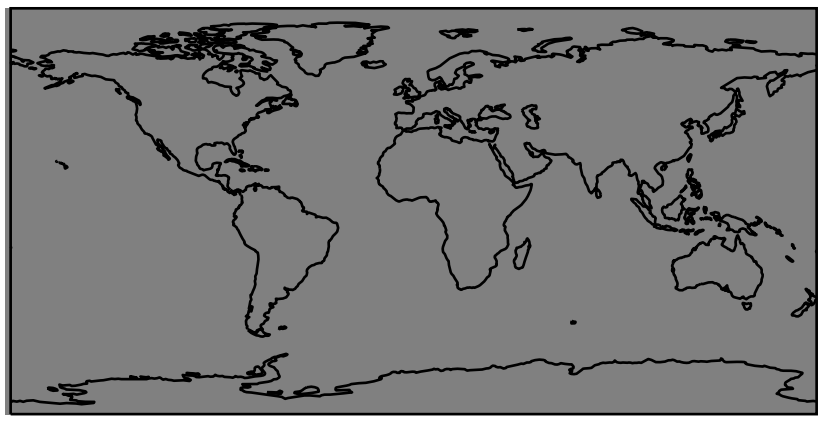
Difference
Dev - Ref, Dynamic Range



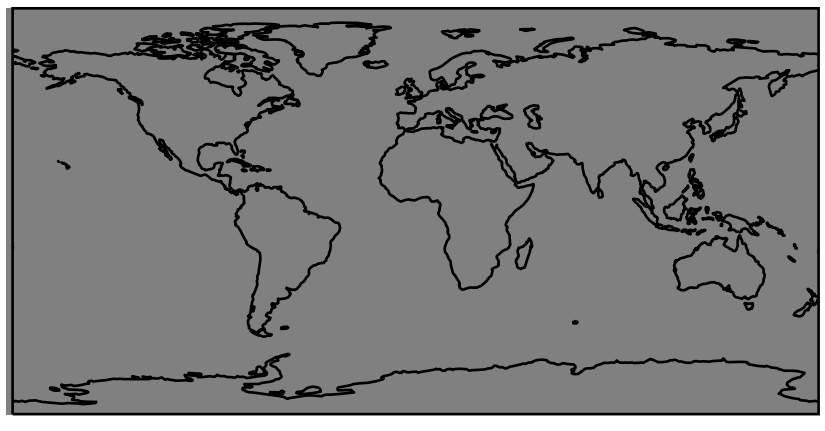
Difference
Dev - Ref, Restricted Range [5%,95%]



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

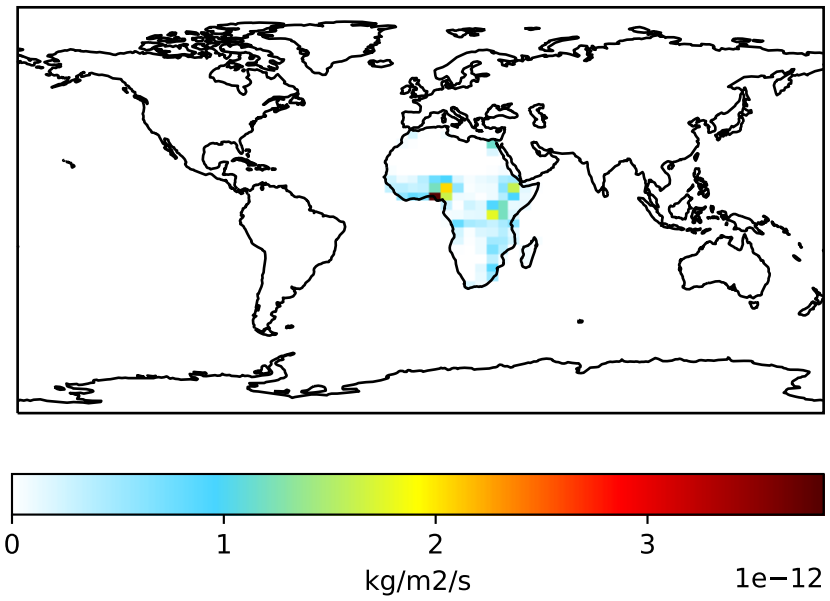


Fractional Difference
(Dev-Ref)/Ref, Fixed Range

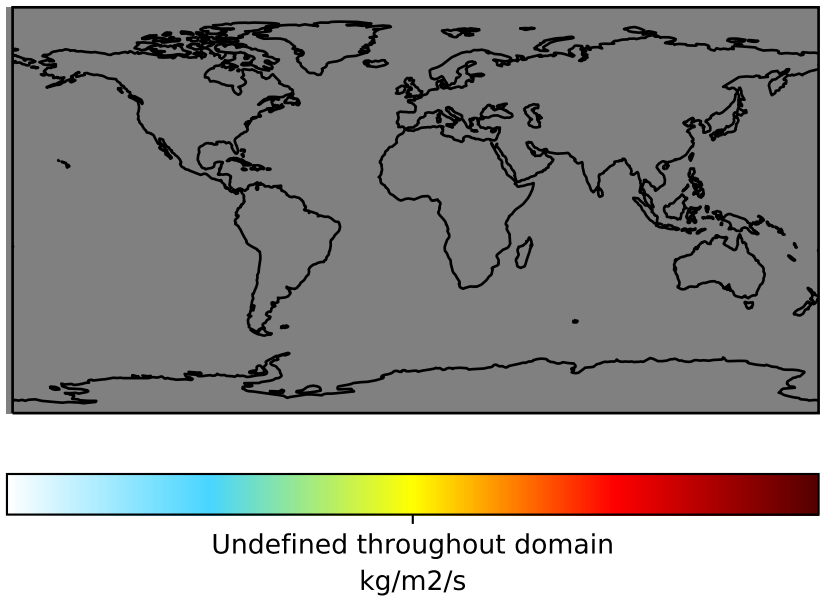


EmisBCPO_Biofuel

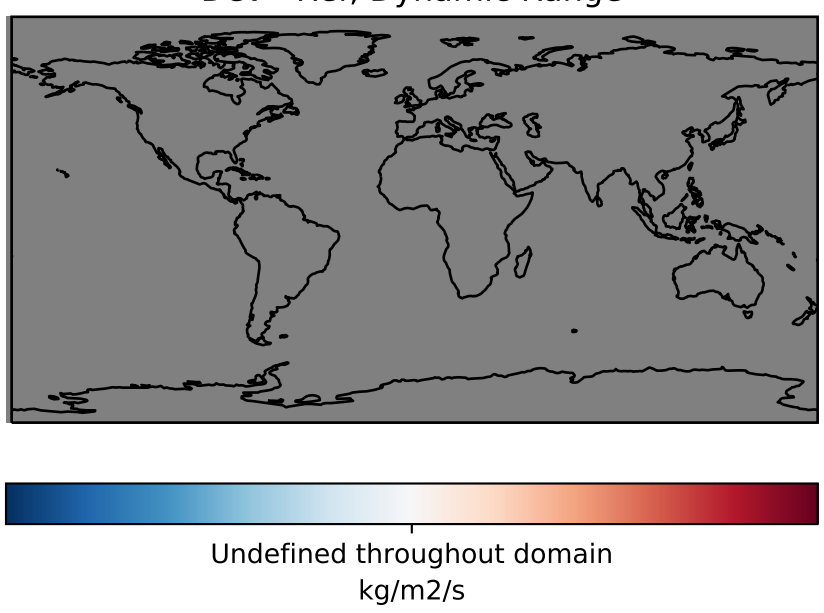
GC_12.3.0 (Ref)
4x5



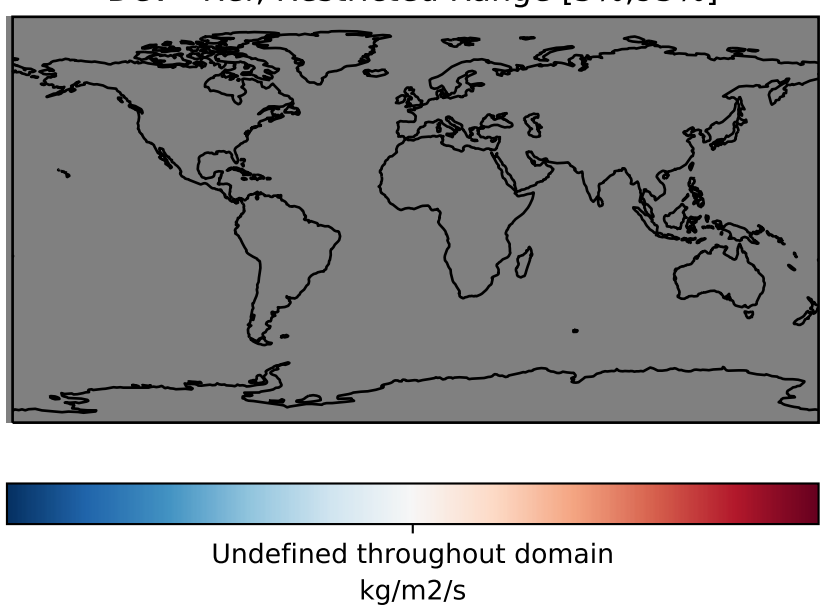
GC_12.5.0 (Dev)
4x5



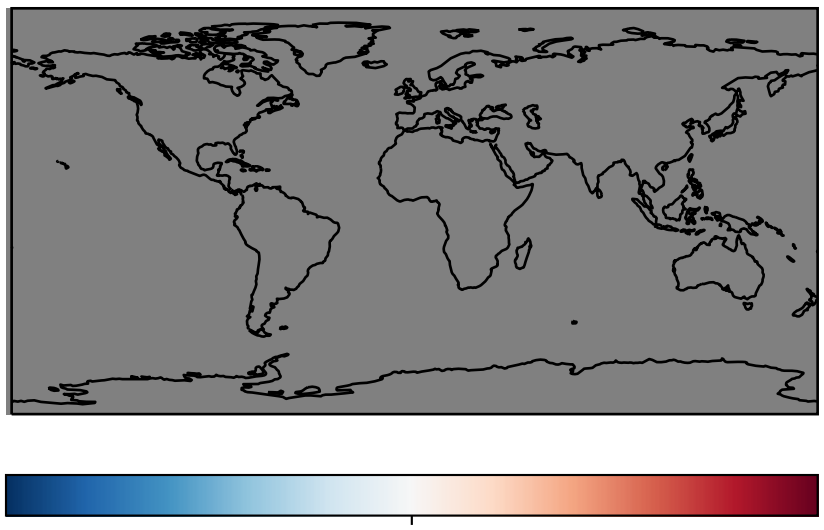
Difference
Dev - Ref, Dynamic Range



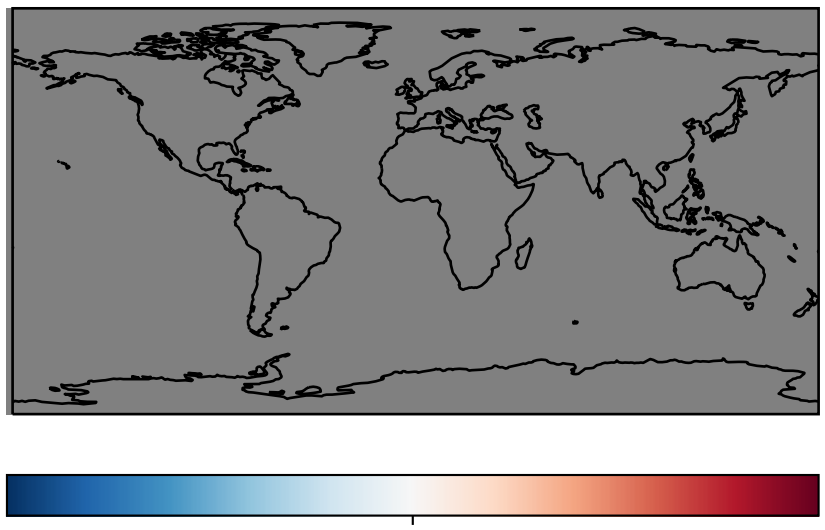
Difference
Dev - Ref, Restricted Range [5%,95%]



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

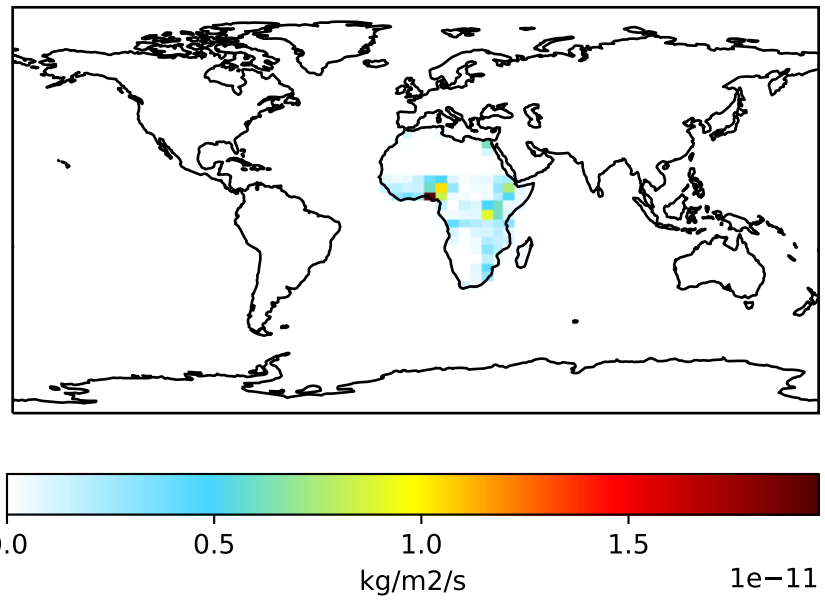


Fractional Difference
(Dev-Ref)/Ref, Fixed Range

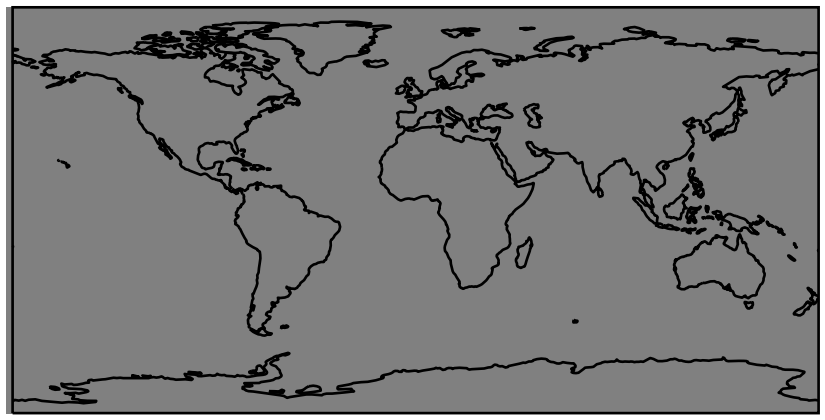


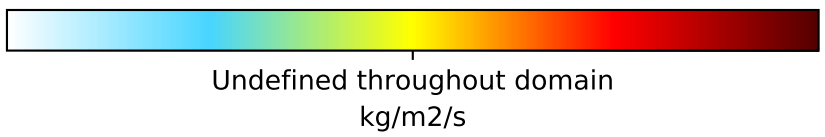
EmisBENZ_Biofuel

GC_12.3.0 (Ref)
4x5

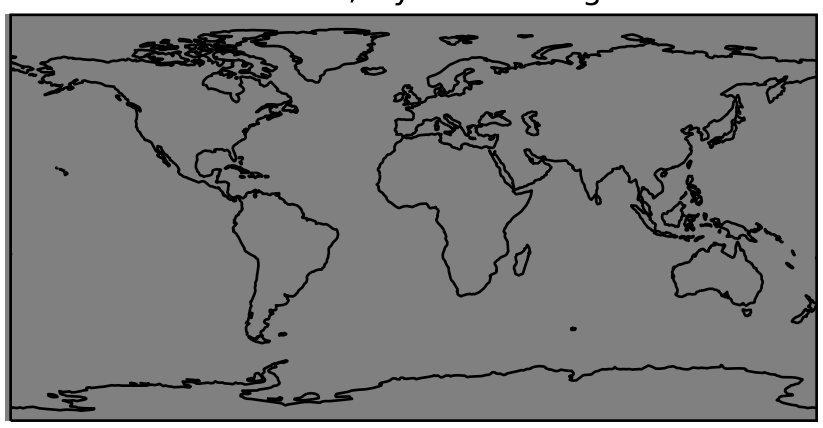


GC_12.5.0 (Dev)
4x5

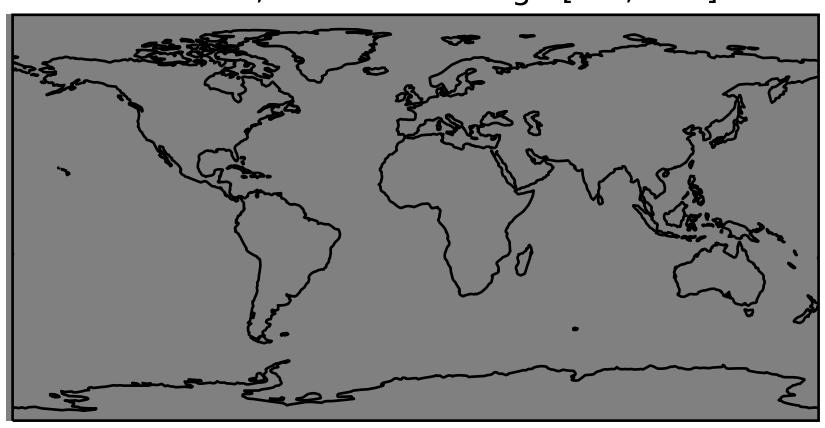




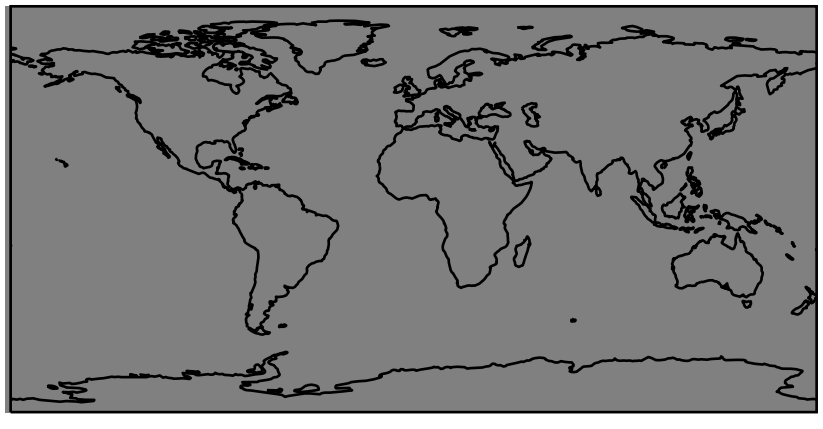
Difference
Dev - Ref, Dynamic Range



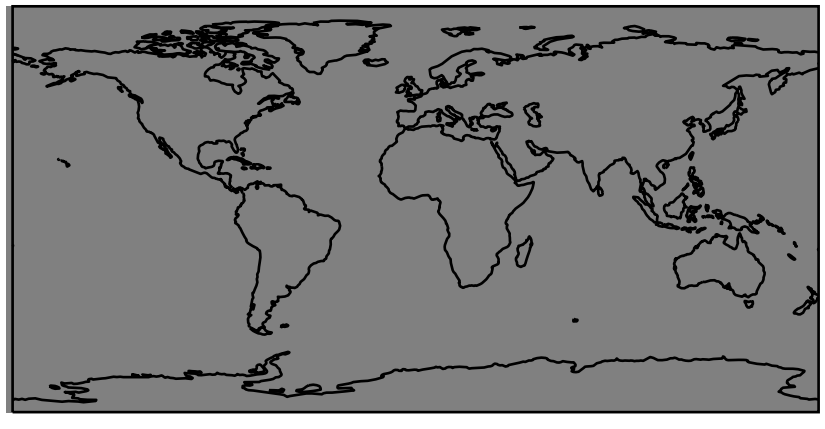
Difference
Dev - Ref, Restricted Range [5%,95%]



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

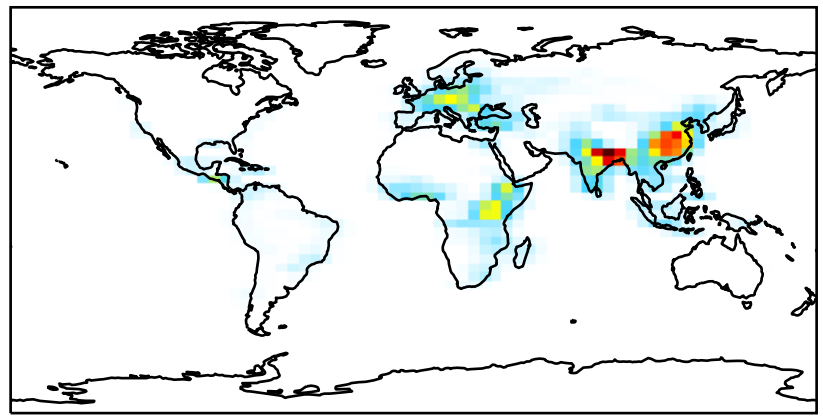


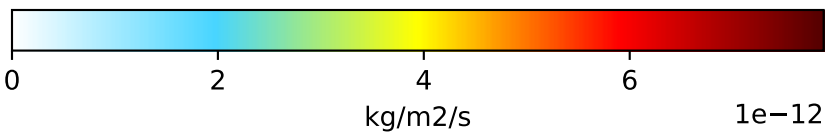
Fractional Difference
(Dev-Ref)/Ref, Fixed Range



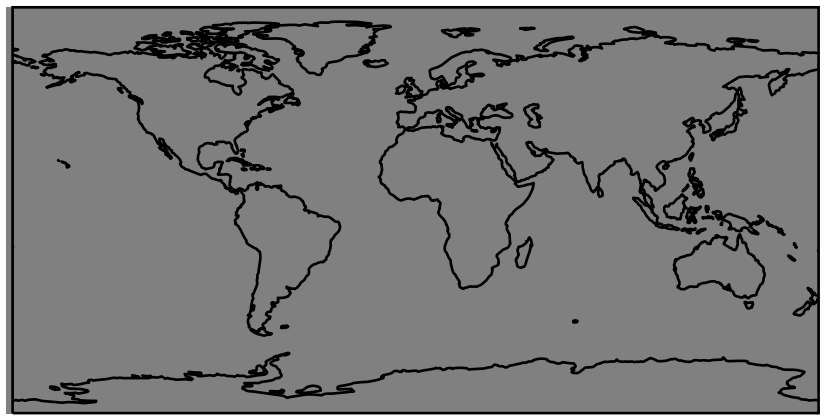
EmisC2H6_Biofuel

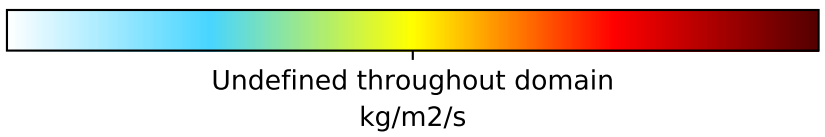
GC_12.3.0 (Ref)
4x5



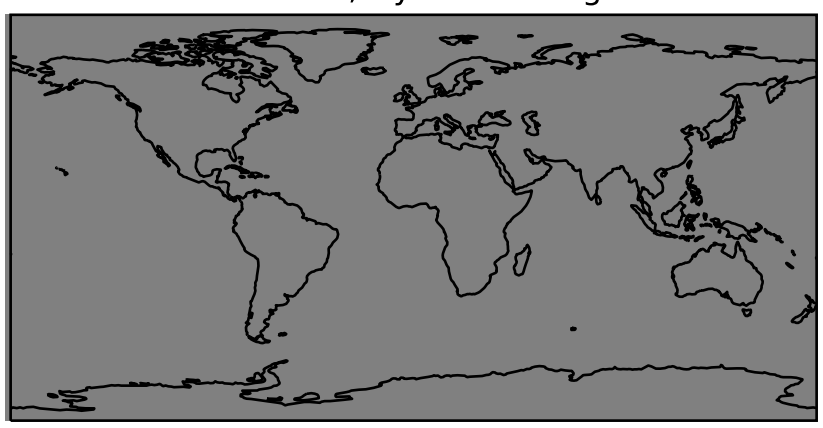


GC_12.5.0 (Dev)
4x5

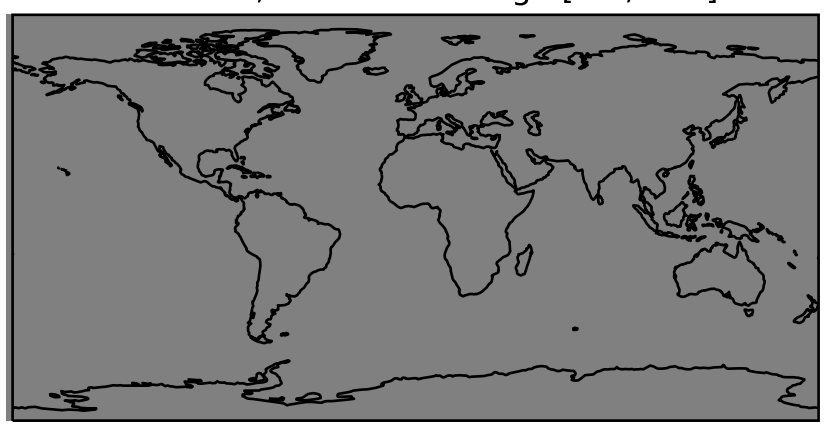




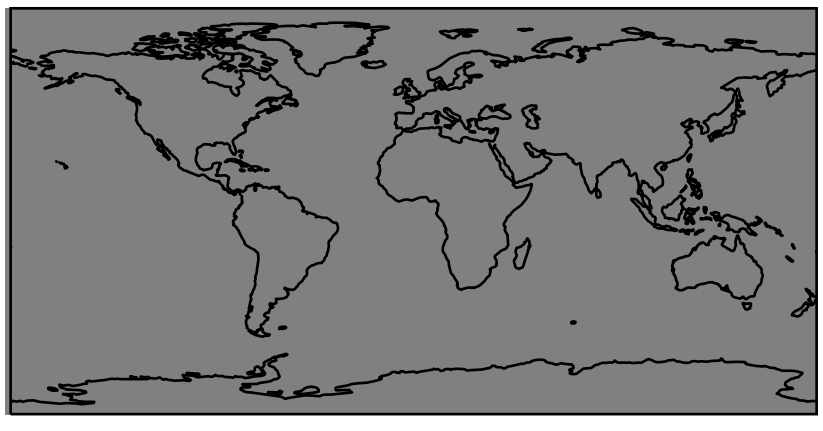
Difference
Dev - Ref, Dynamic Range



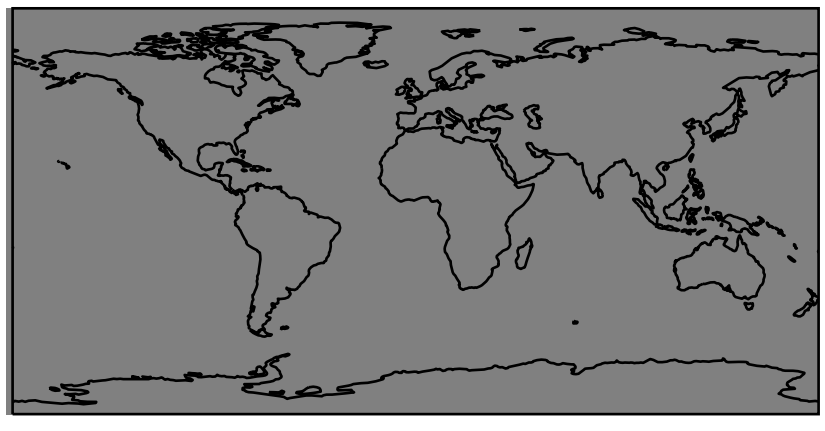
Difference
Dev - Ref, Restricted Range [5%,95%]



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

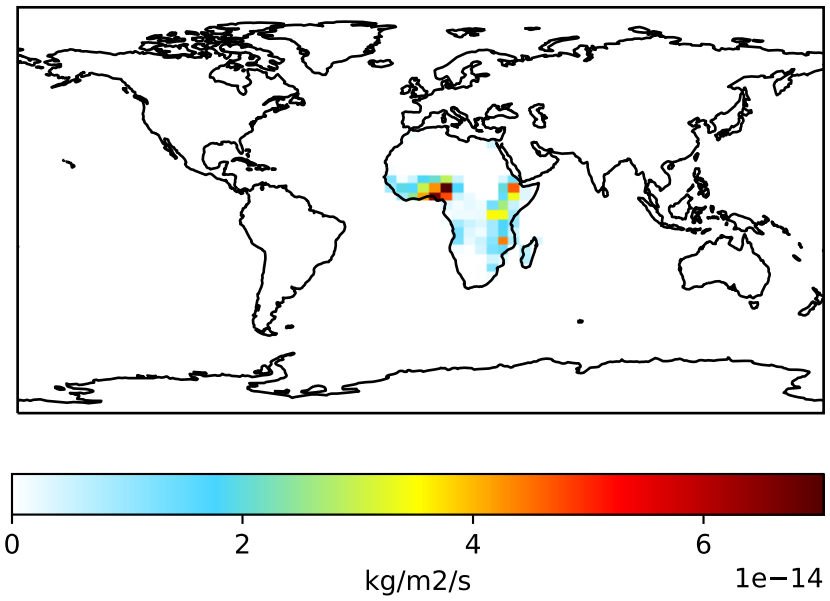


Fractional Difference
(Dev-Ref)/Ref, Fixed Range

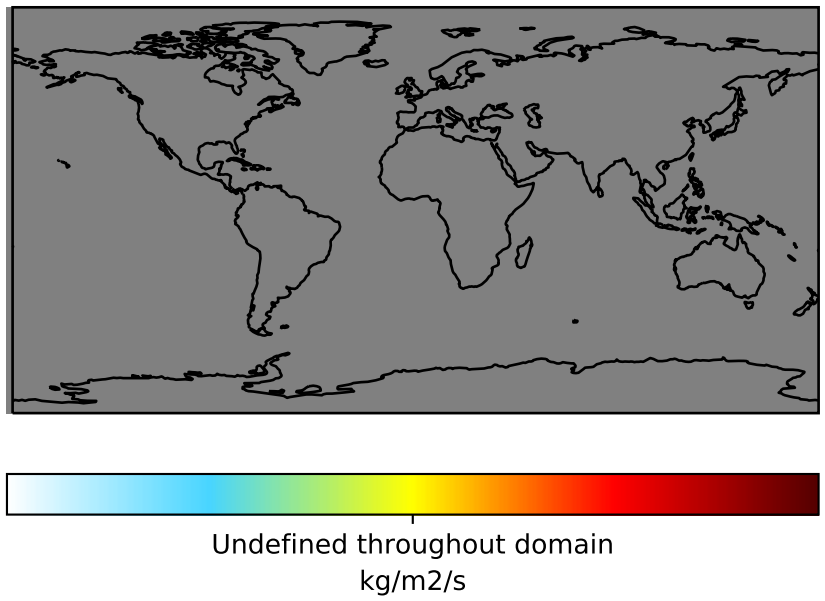


EmisC3H8_Biofuel

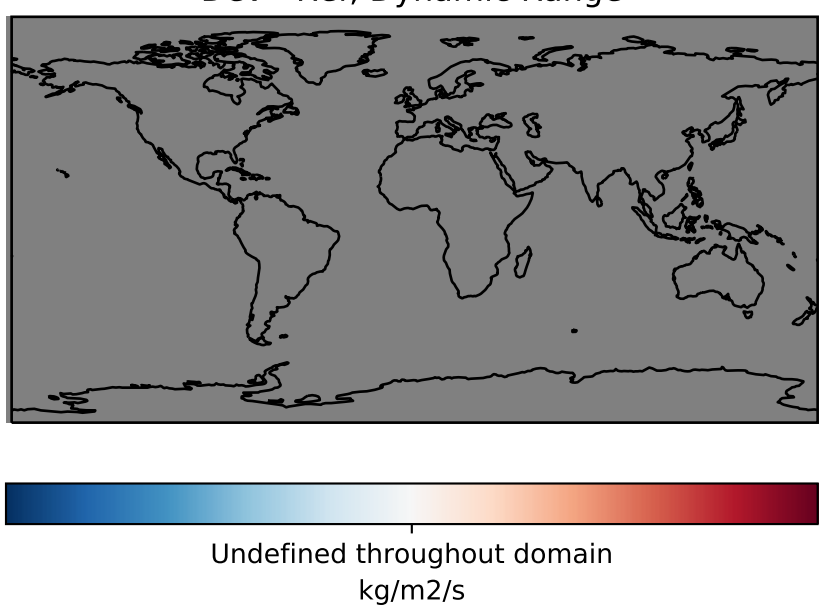
GC_12.3.0 (Ref)
4x5



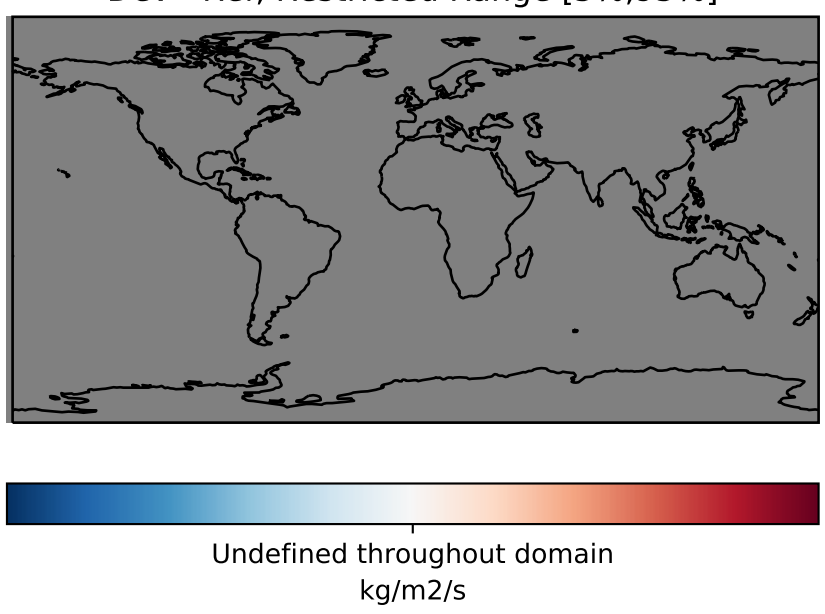
GC_12.5.0 (Dev)
4x5



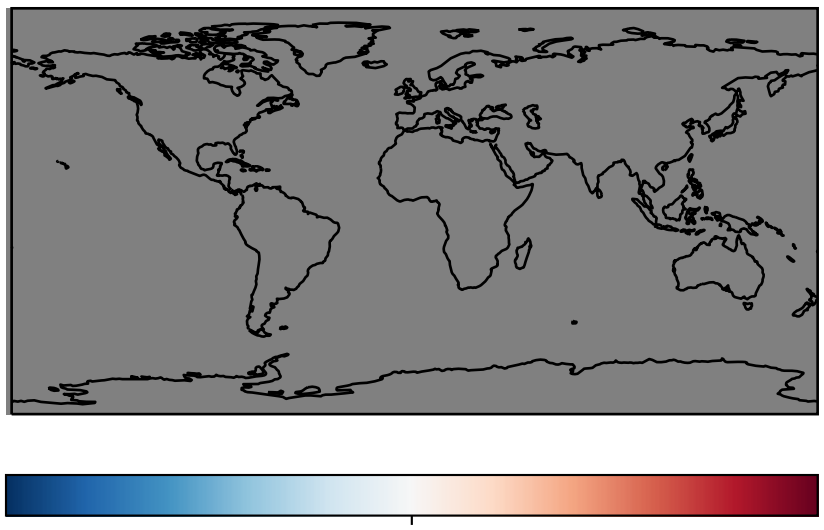
Difference
Dev - Ref, Dynamic Range



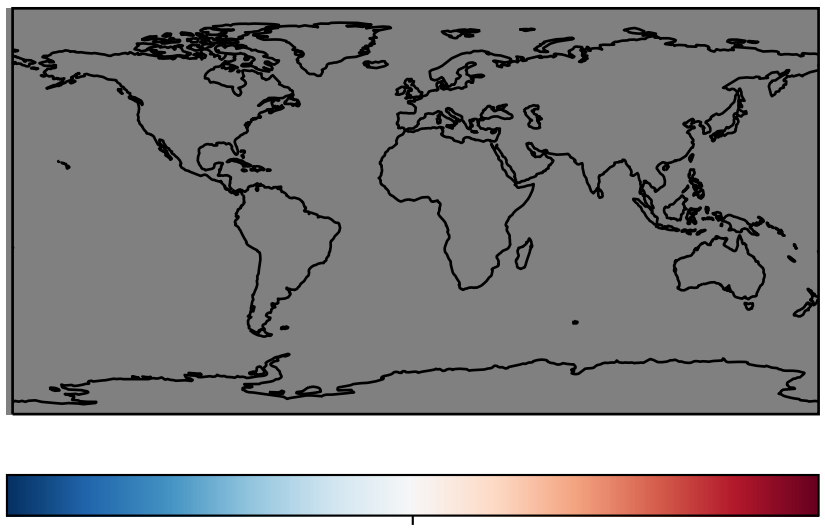
Difference
Dev - Ref, Restricted Range [5%,95%]



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

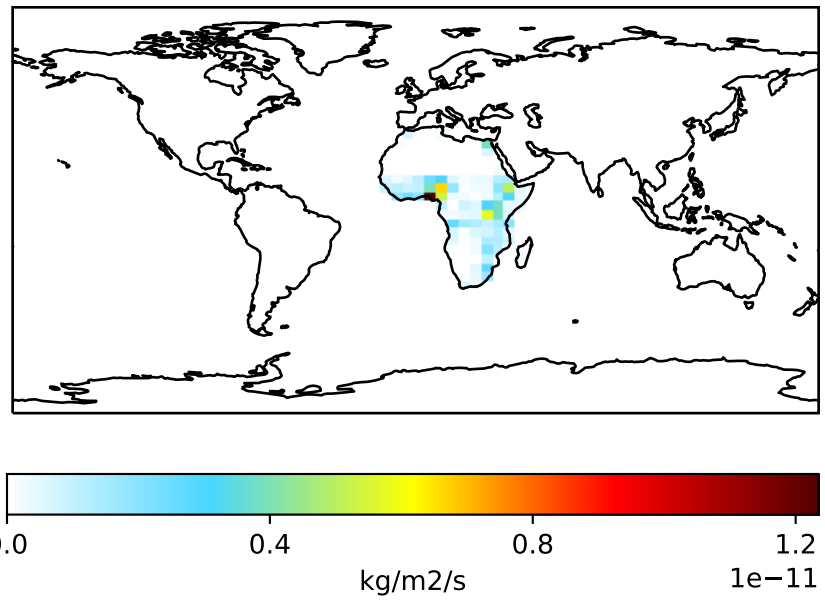


Fractional Difference
(Dev-Ref)/Ref, Fixed Range

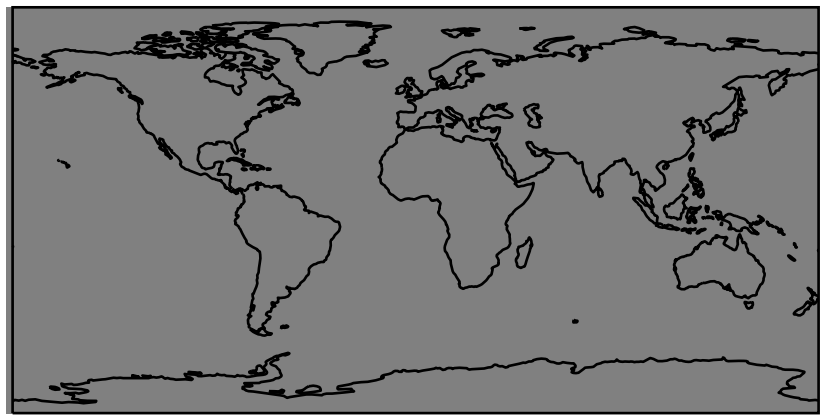


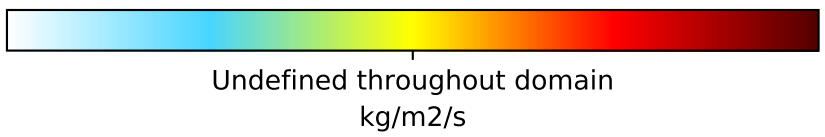
EmisCH2O_Biofuel

GC_12.3.0 (Ref)
4x5

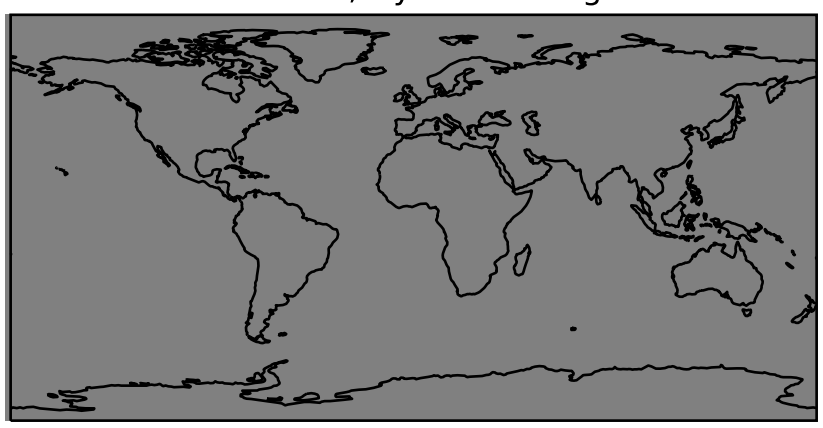


GC_12.5.0 (Dev)
4x5

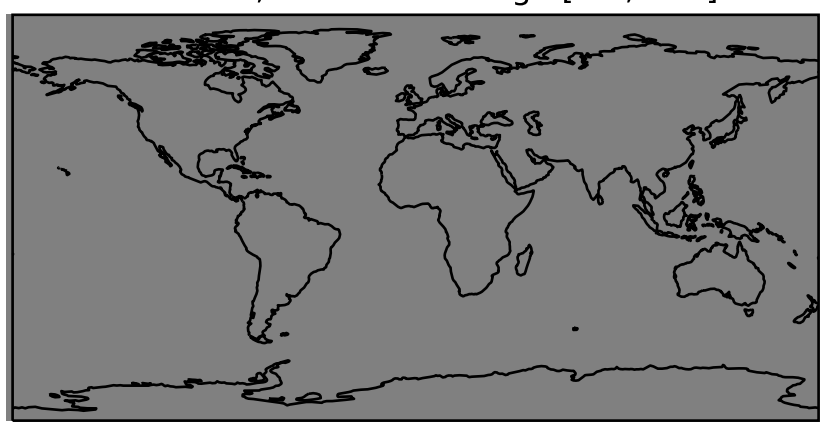




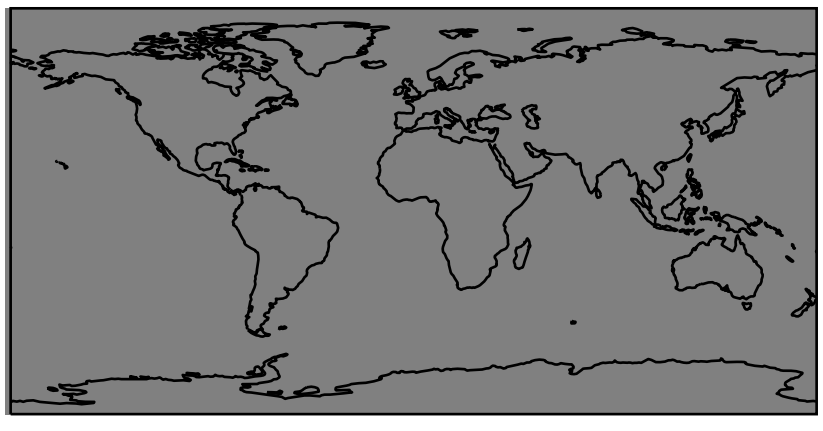
Difference
Dev - Ref, Dynamic Range



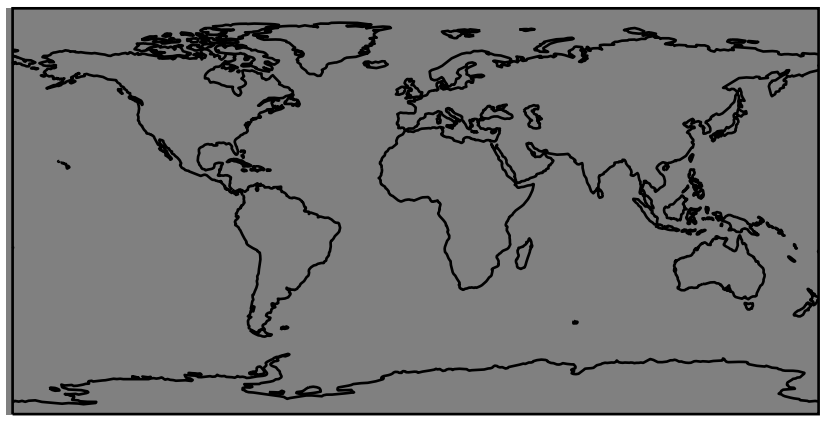
Difference
Dev - Ref, Restricted Range [5%,95%]



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

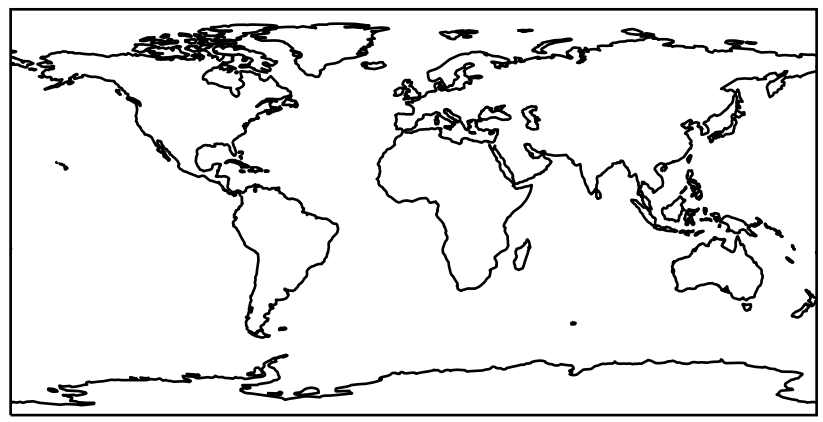


Fractional Difference
(Dev-Ref)/Ref, Fixed Range



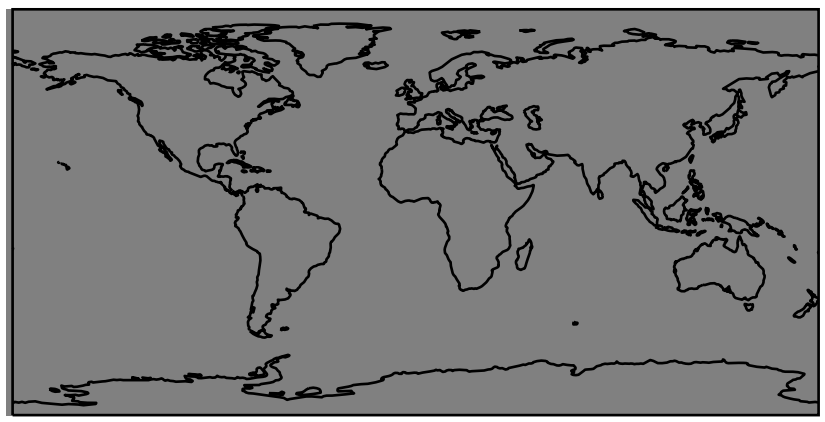
EmisCH4_Biofuel

GC_12.3.0 (Ref)
4x5



Zero throughout domain
kg/m2/s

GC_12.5.0 (Dev)
4x5



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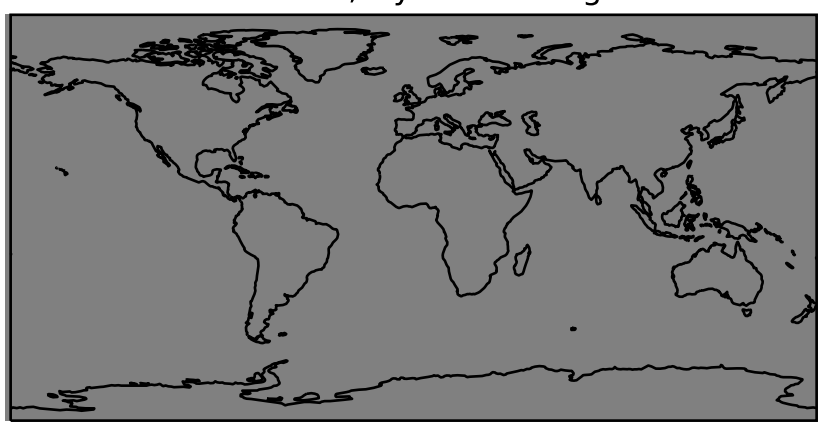
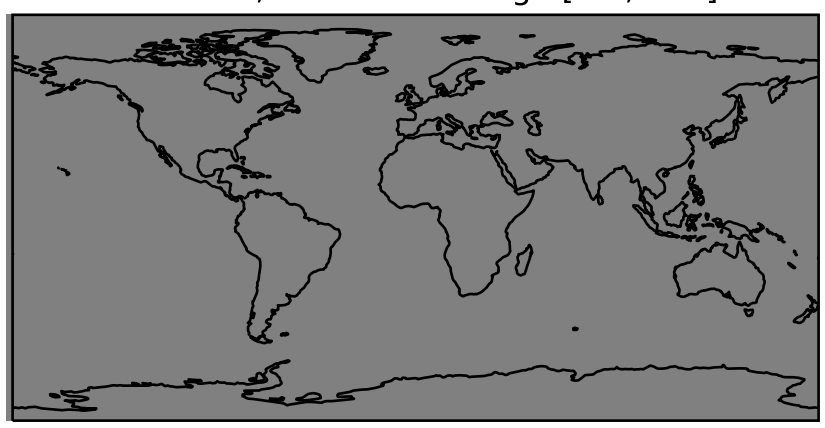
kg/m2/s

Difference
Dev - Ref, Dynamic Range



Undefined throughout domain
kg/m2/s

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



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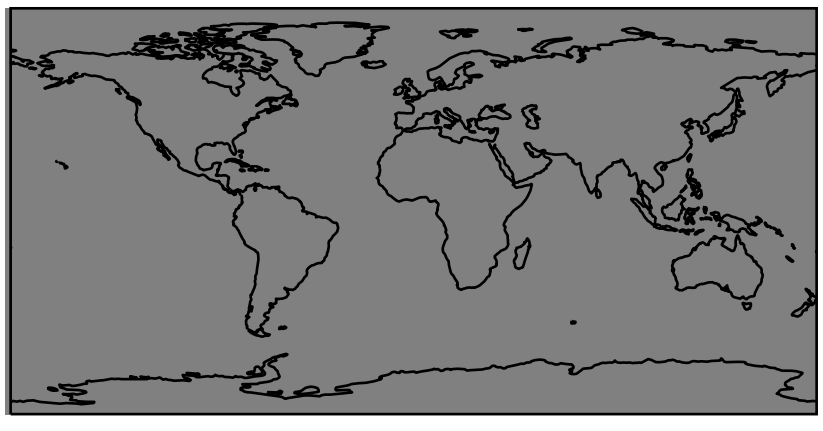
kg/m2/s

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



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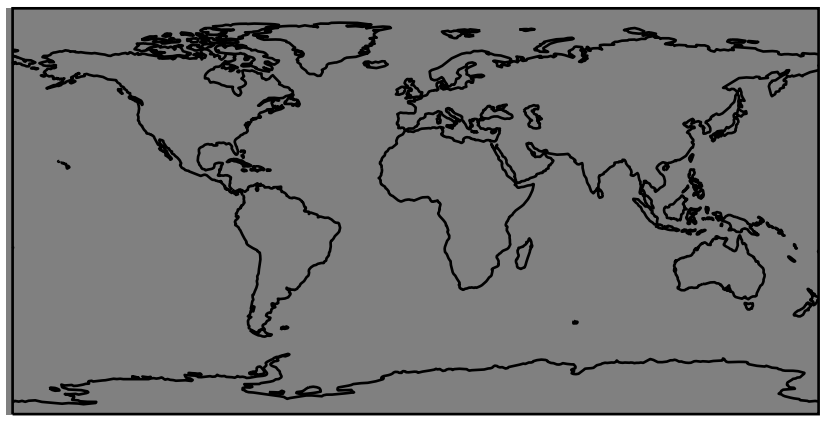
unitless

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



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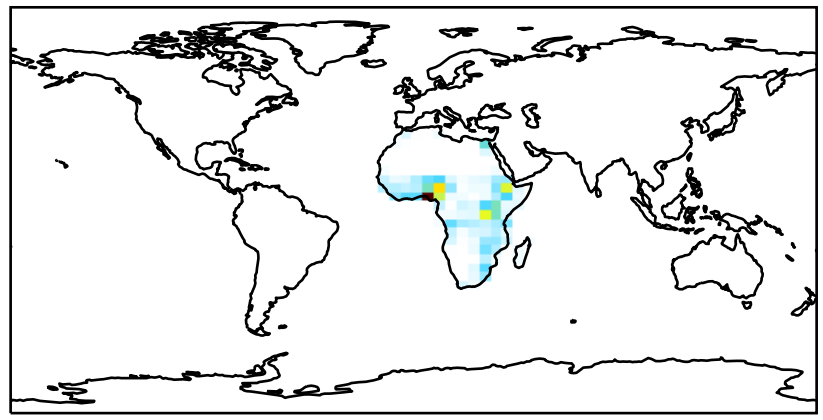
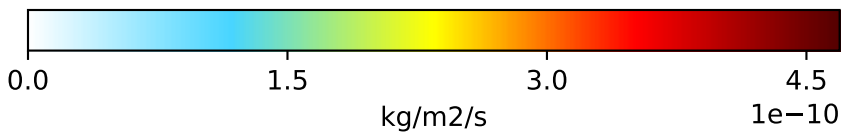
unitless

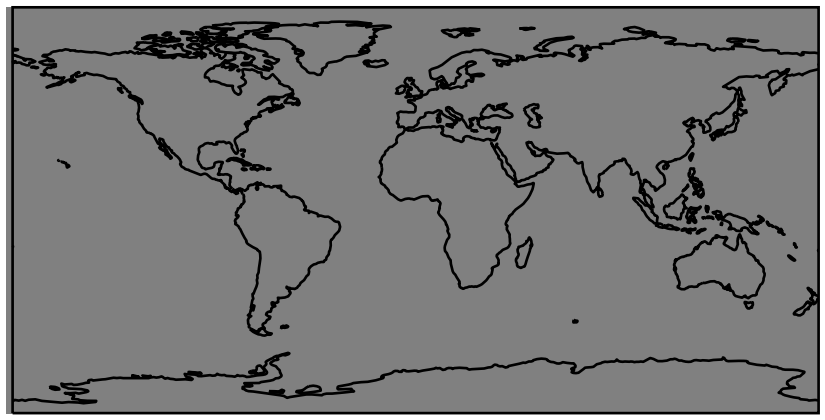
EmisCO_Biofuel

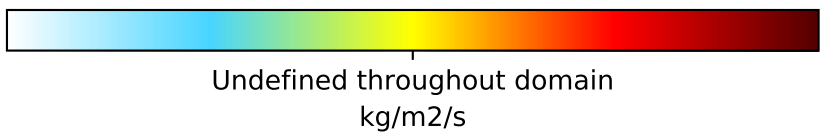
GC_12.3.0 (Ref)
4x5



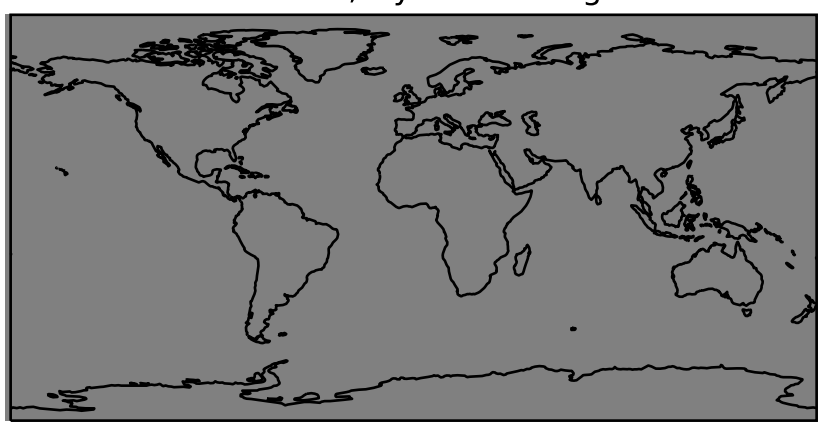


GC_12.5.0 (Dev)
4x5

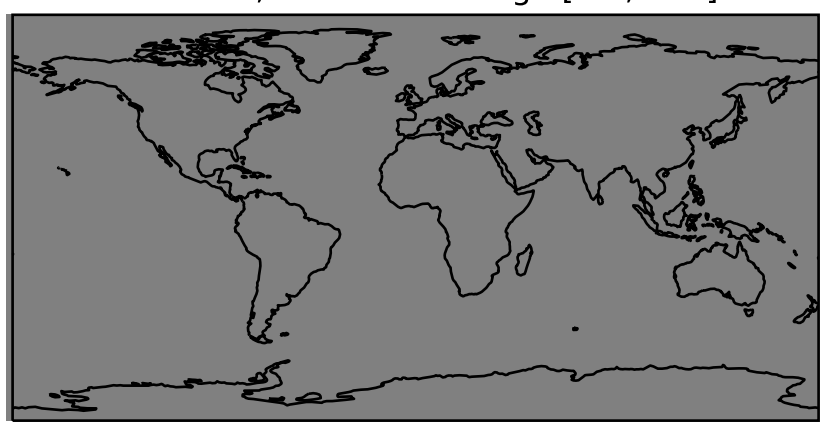




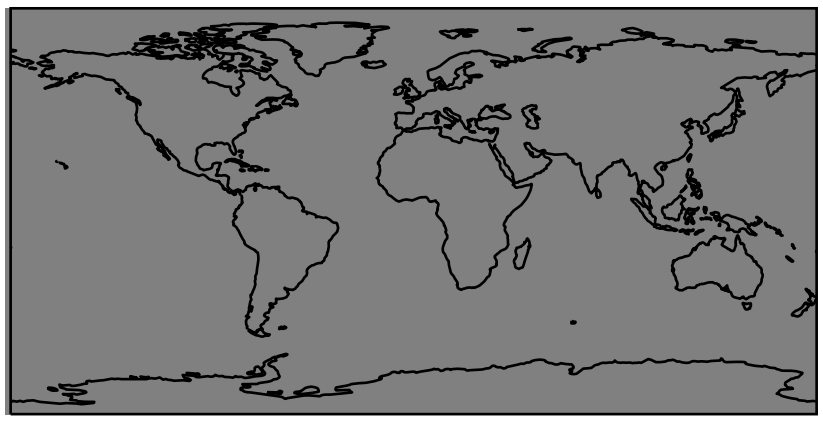
Difference
Dev - Ref, Dynamic Range



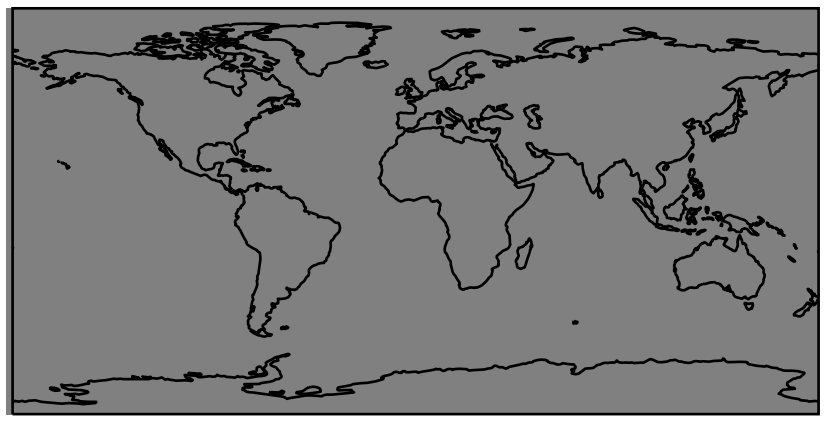
Difference
Dev - Ref, Restricted Range [5%,95%]



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

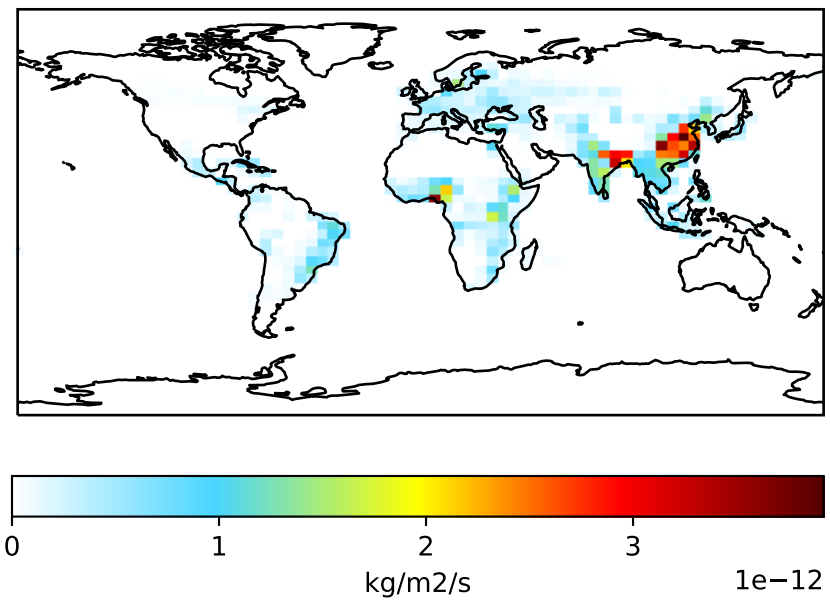


Fractional Difference
(Dev-Ref)/Ref, Fixed Range

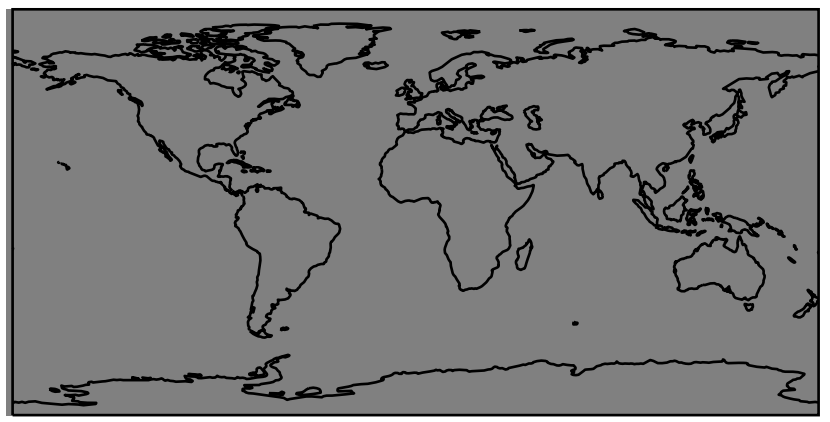


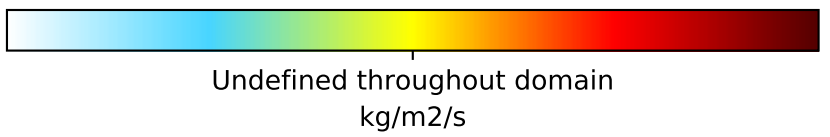
EmisGLYC_Biofuel

GC_12.3.0 (Ref)
4x5

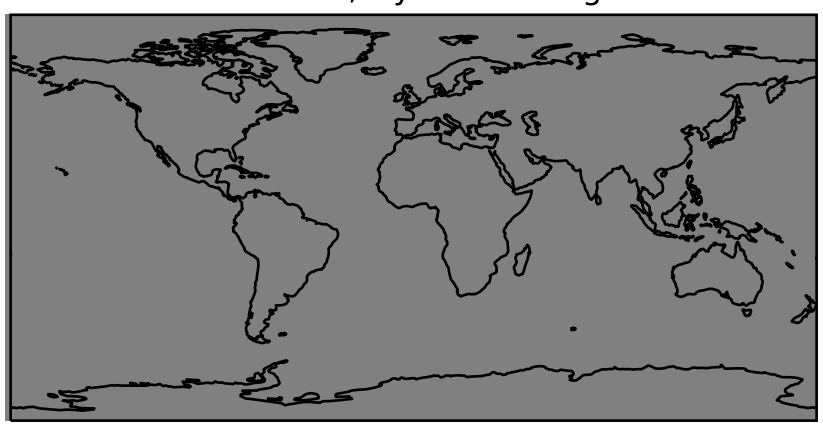


GC_12.5.0 (Dev)
4x5

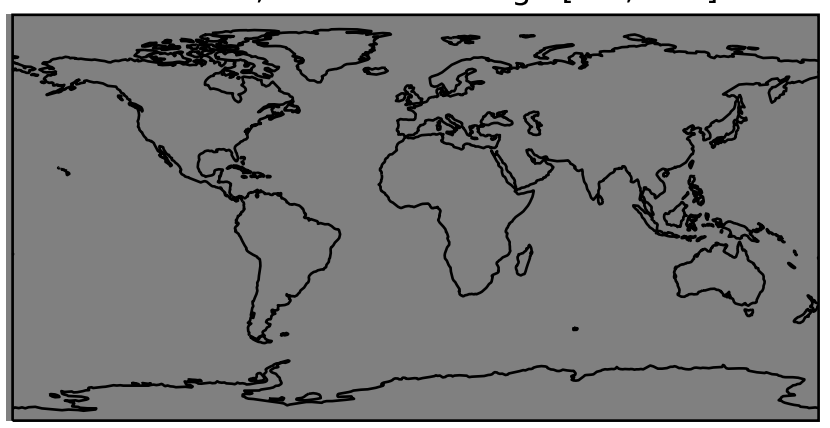




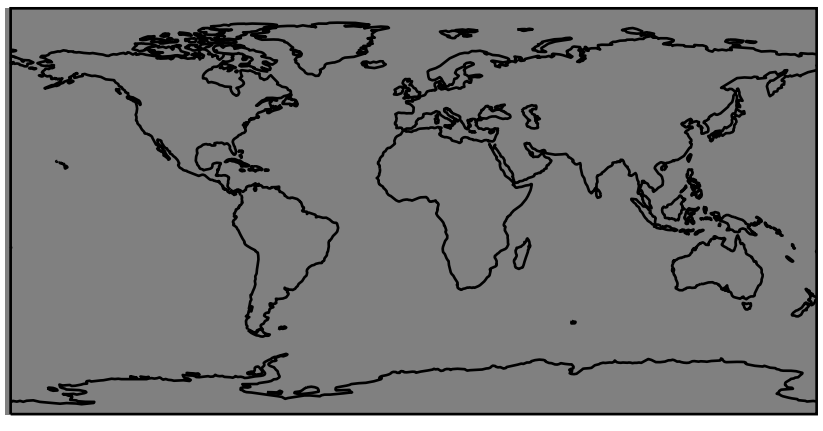
Difference
Dev - Ref, Dynamic Range



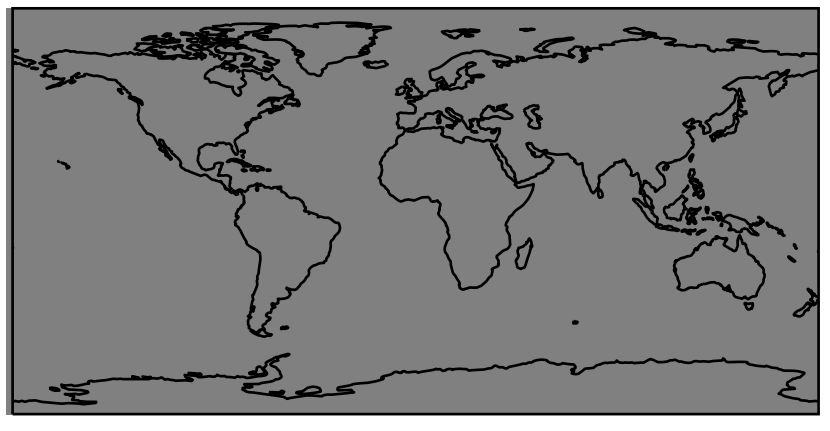
Difference
Dev - Ref, Restricted Range [5%,95%]



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

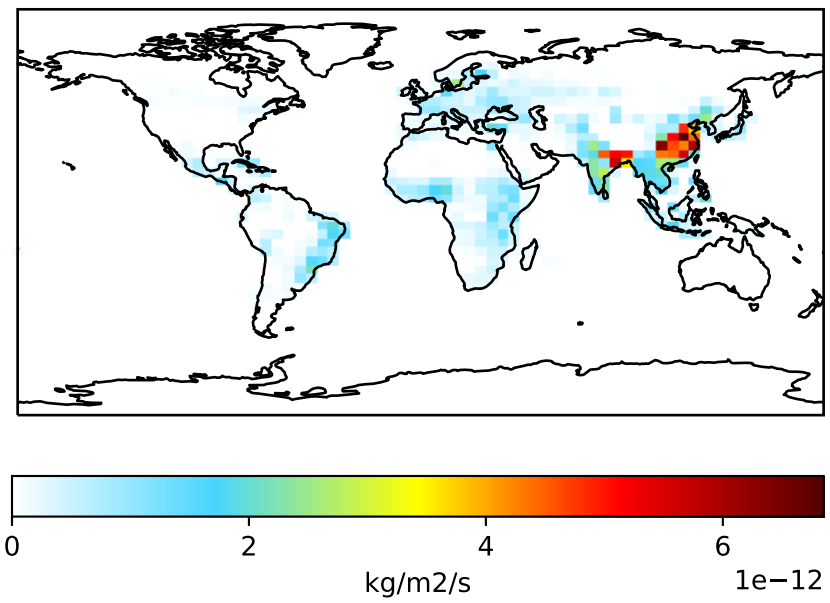


Fractional Difference
(Dev-Ref)/Ref, Fixed Range

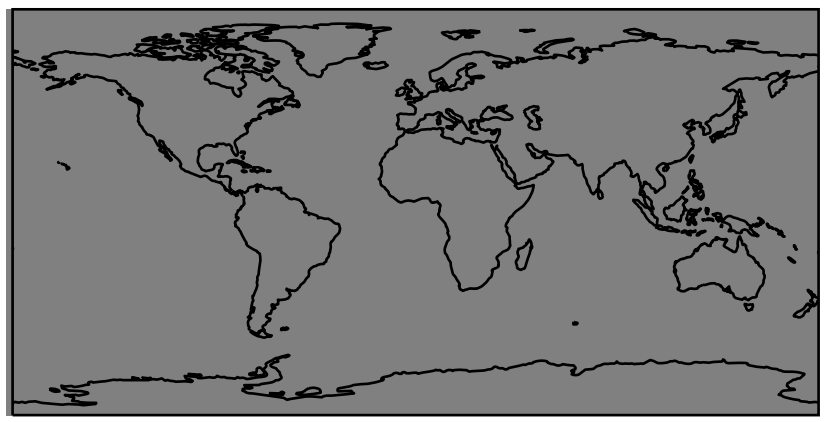


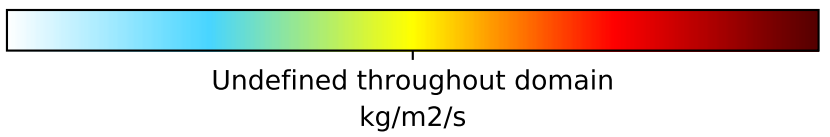
EmisGLYX_Biofuel

GC_12.3.0 (Ref)
4x5

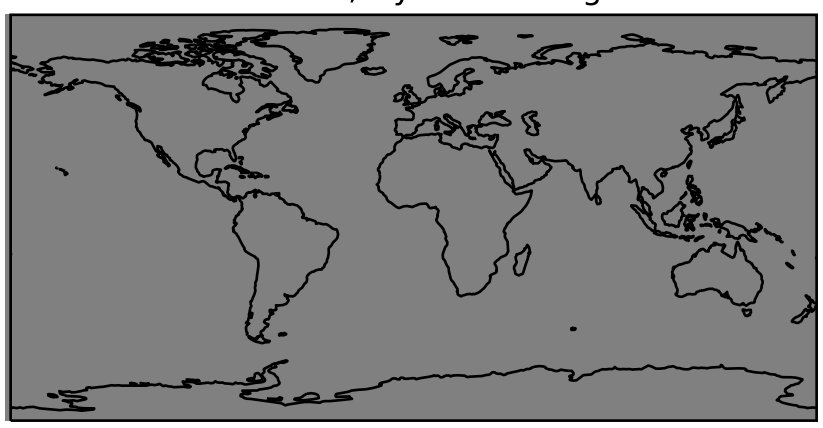


GC_12.5.0 (Dev)
4x5

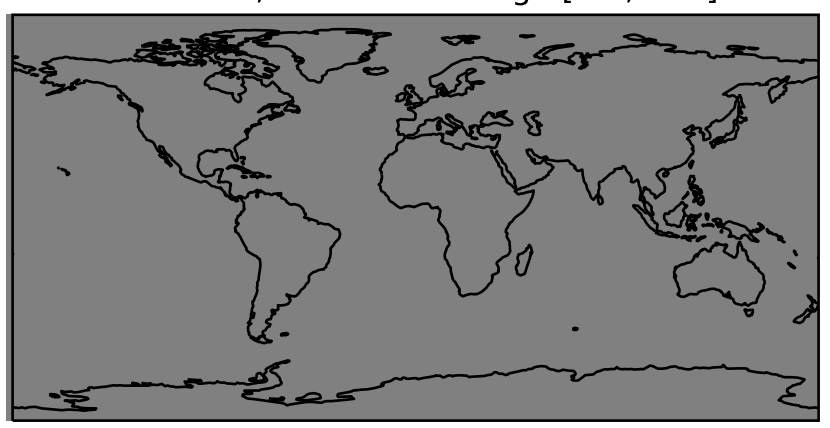




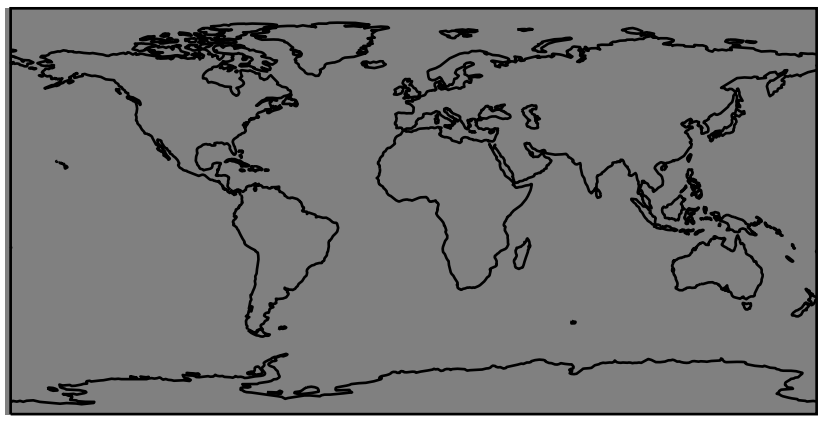
Difference
Dev - Ref, Dynamic Range



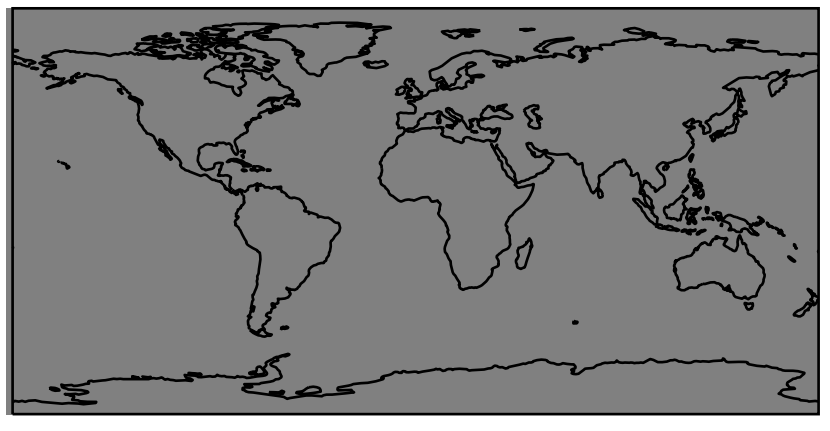
Difference
Dev - Ref, Restricted Range [5%,95%]



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

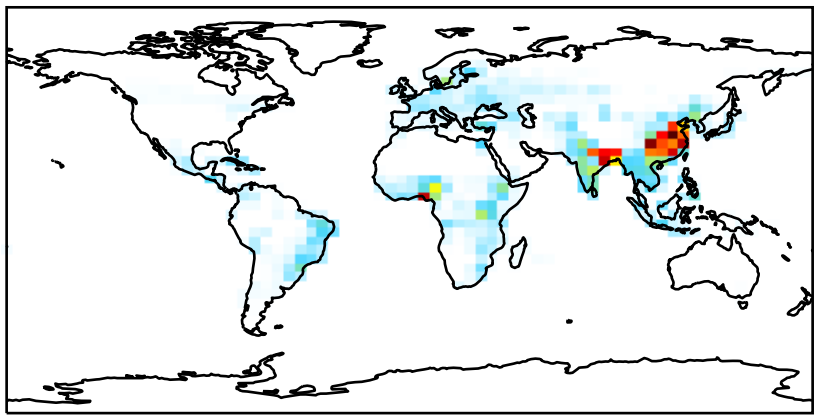


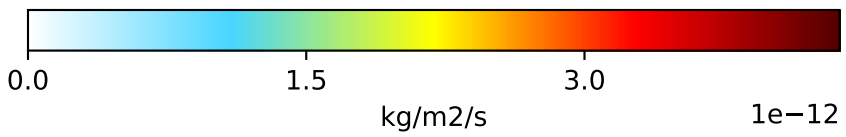
Fractional Difference
(Dev-Ref)/Ref, Fixed Range



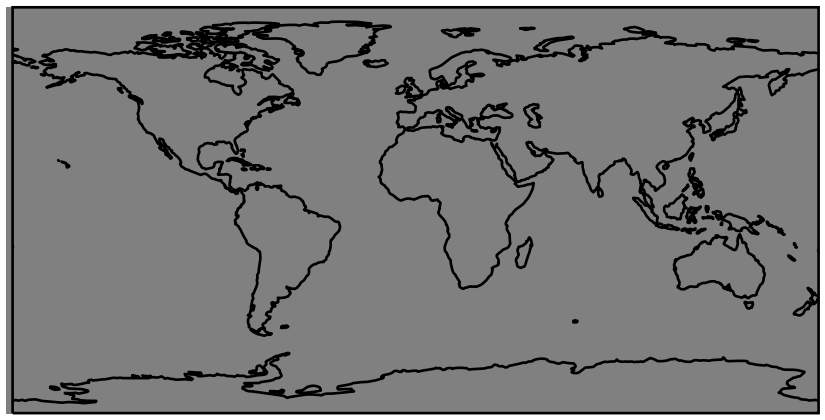
EmisHAC_Biofuel

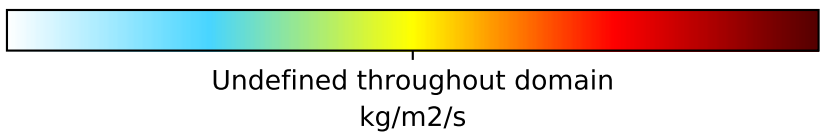
GC_12.3.0 (Ref)
4x5



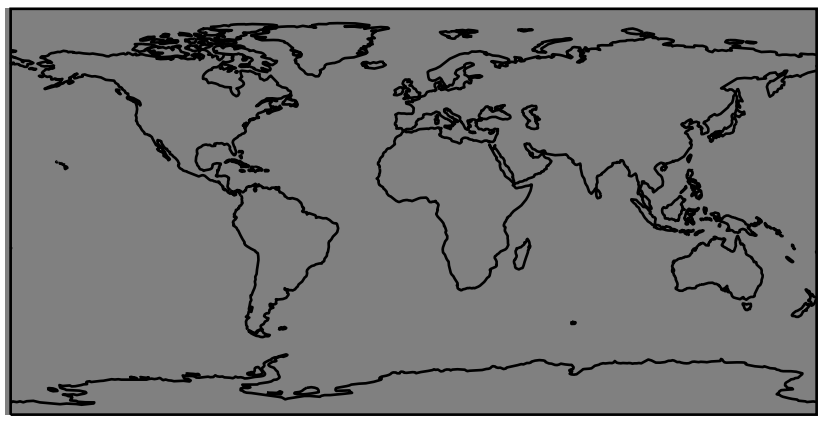


GC_12.5.0 (Dev)
4x5

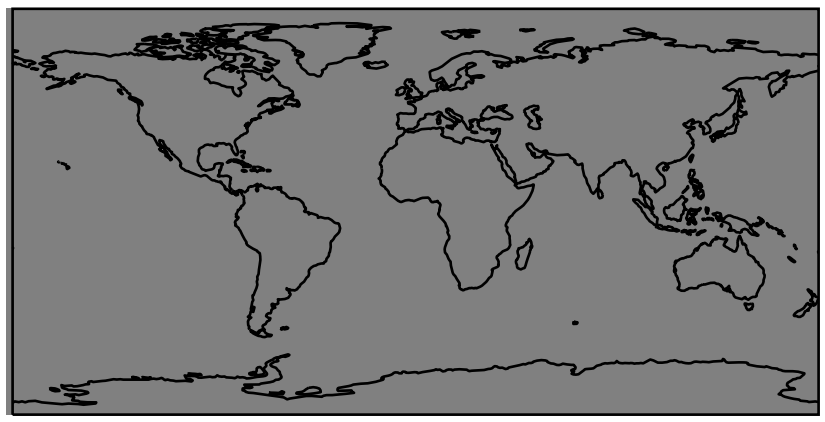




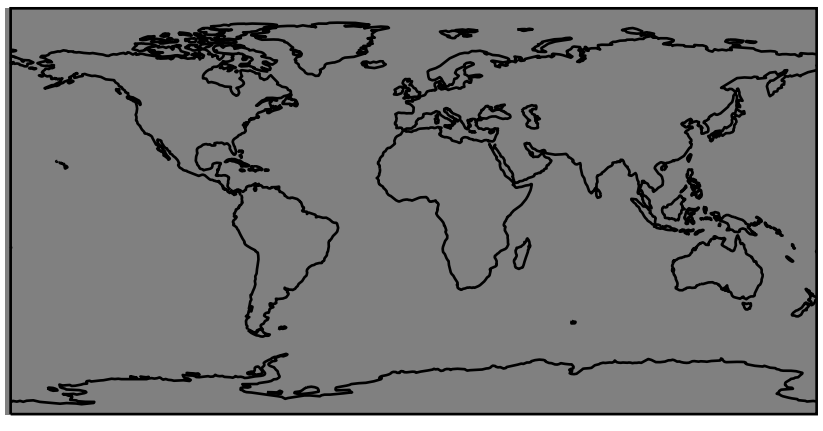
Difference
Dev - Ref, Dynamic Range



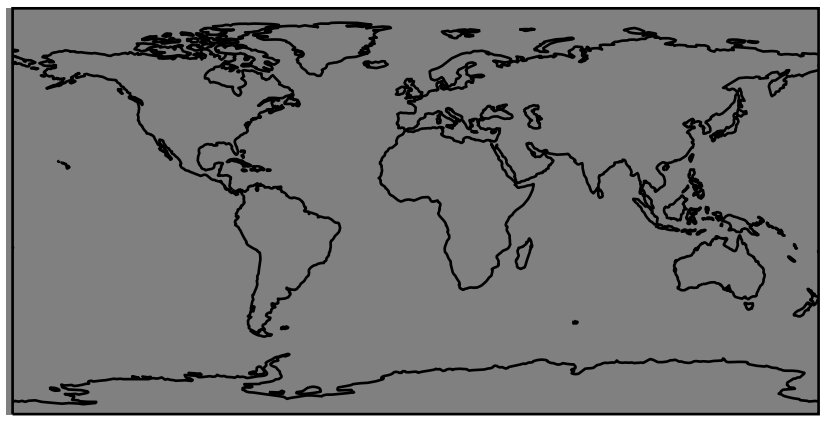
Difference
Dev - Ref, Restricted Range [5%,95%]



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

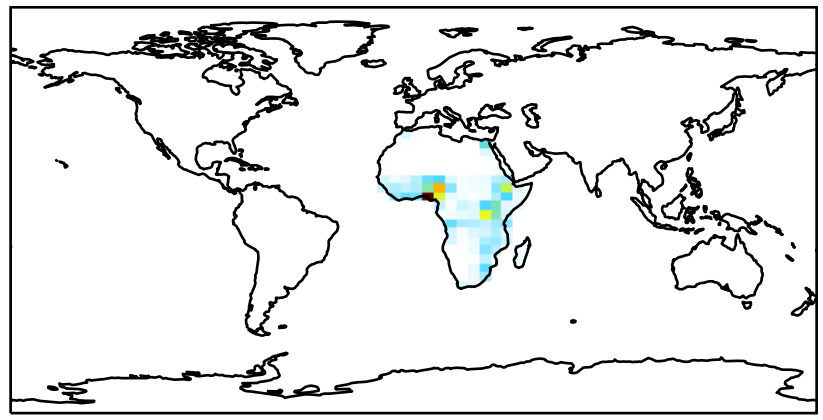


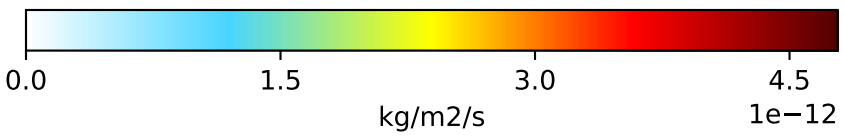
Fractional Difference
(Dev-Ref)/Ref, Fixed Range



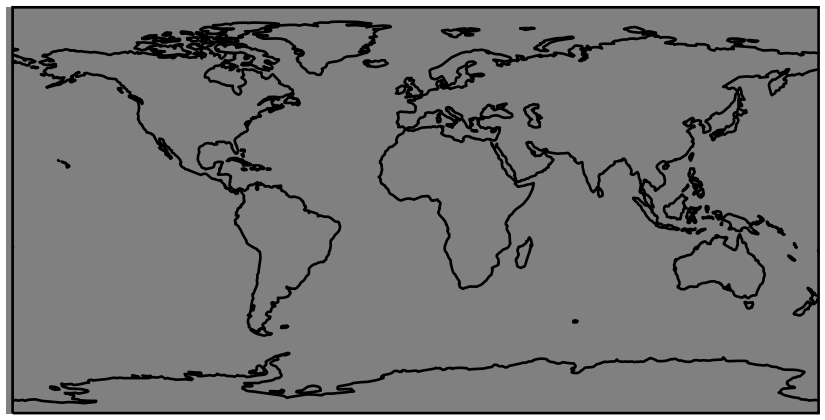
EmisHCOOH_Biofuel

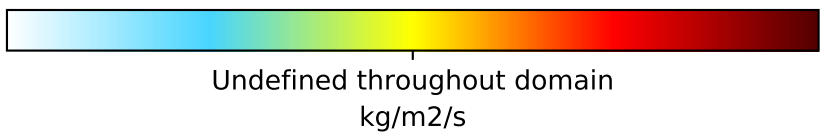
GC_12.3.0 (Ref)
4x5



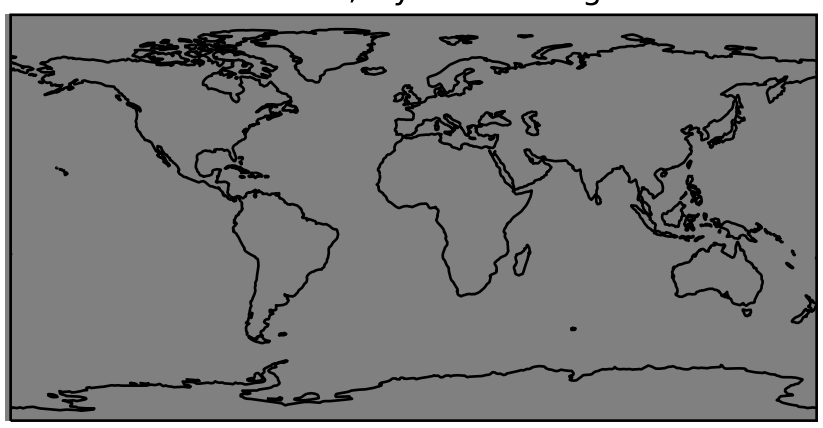


GC_12.5.0 (Dev)
4x5

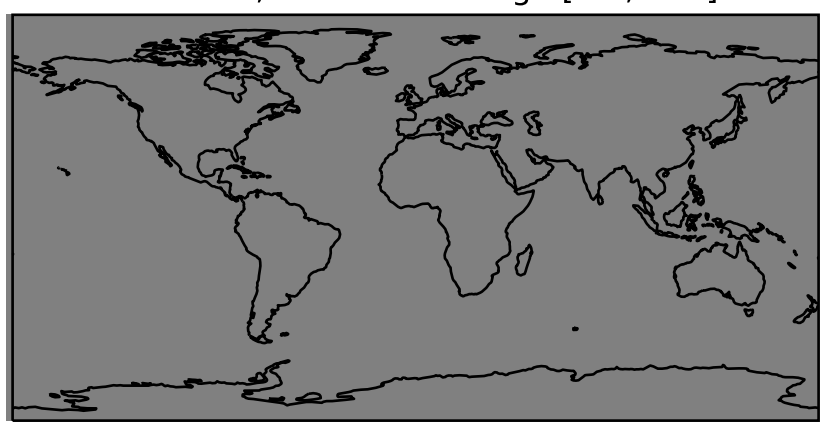




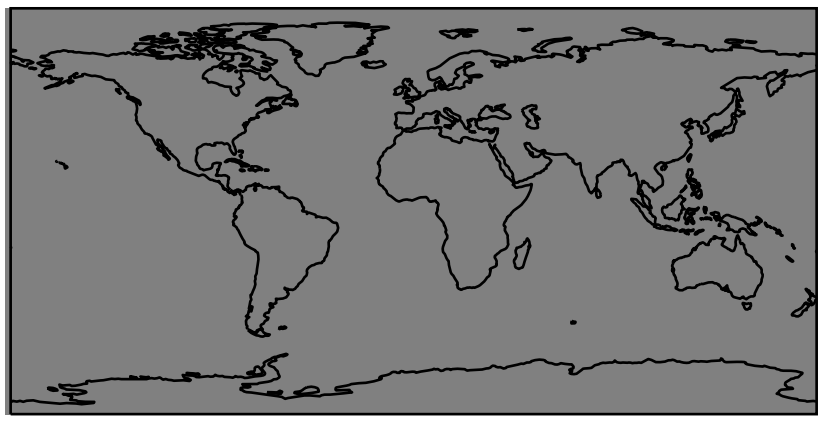
Difference
Dev - Ref, Dynamic Range



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



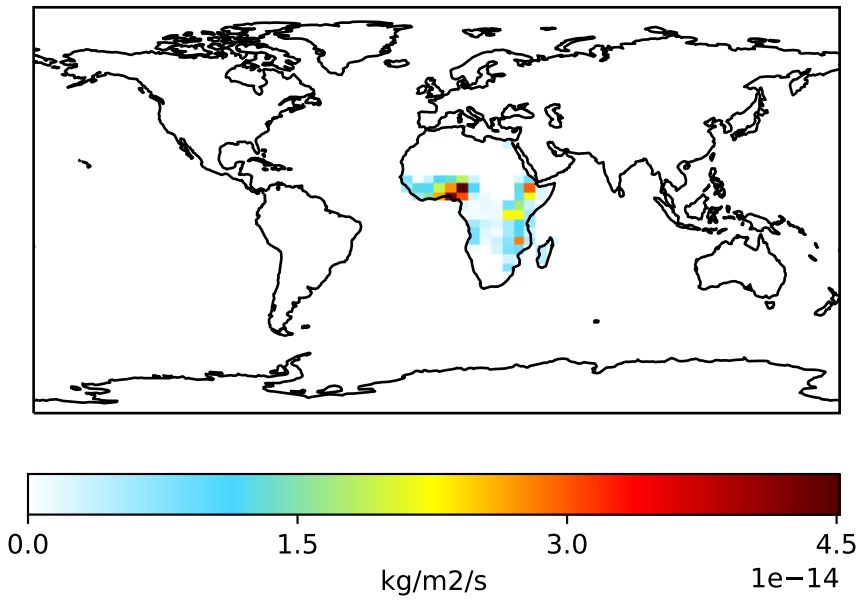
Fractional Difference
(Dev-Ref)/Ref, Dynamic Range



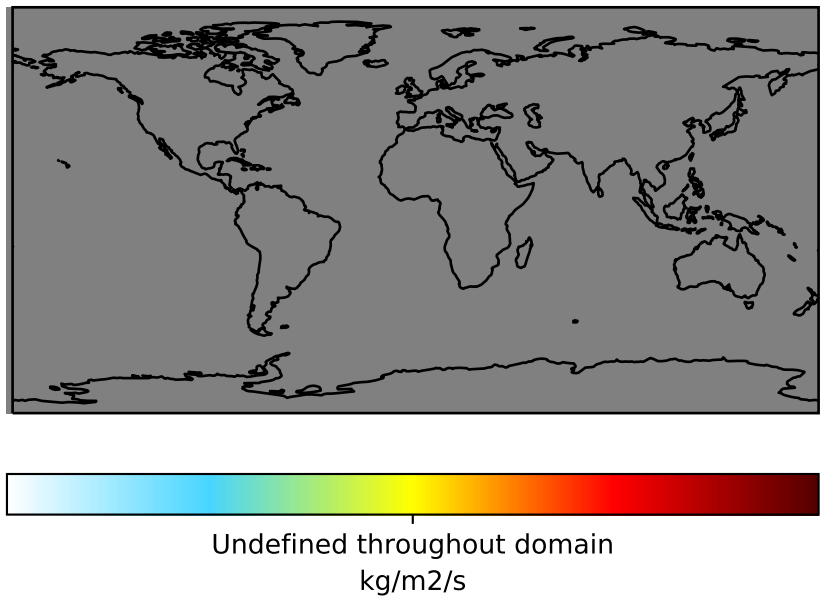
Fractional Difference
(Dev-Ref)/Ref, Fixed Range

EmisMACR_Biofuel

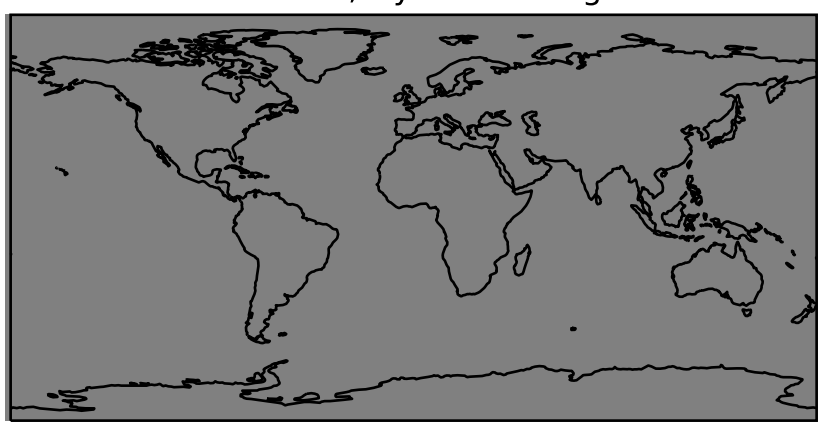
GC_12.3.0 (Ref)
4x5



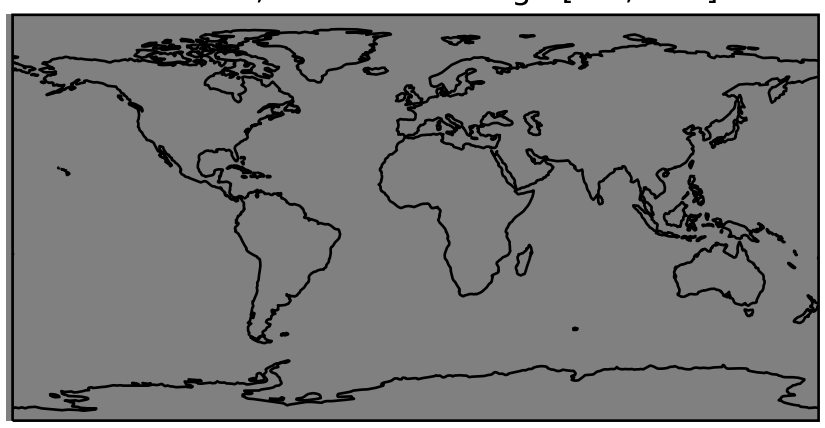
GC_12.5.0 (Dev)
4x5



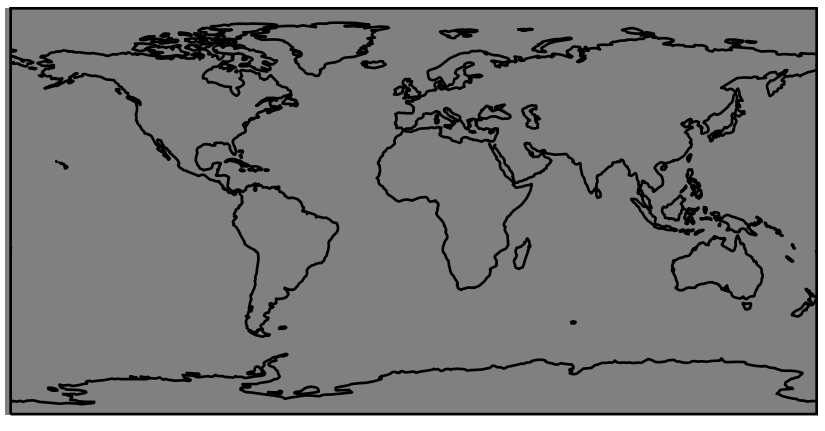
Difference
Dev - Ref, Dynamic Range



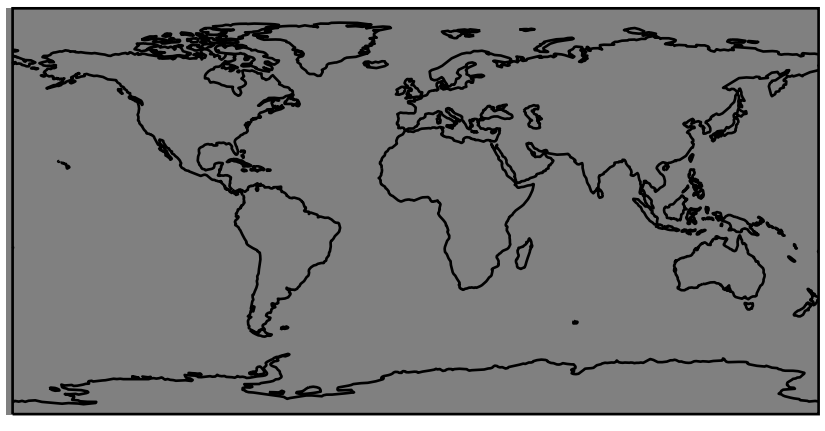
Difference
Dev - Ref, Restricted Range [5%,95%]



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

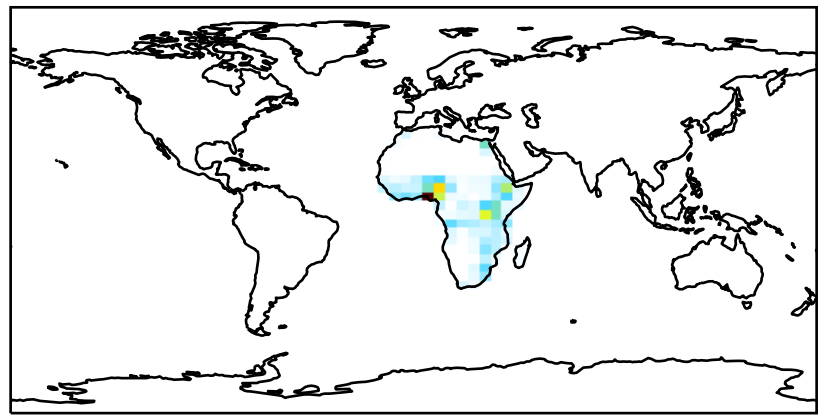


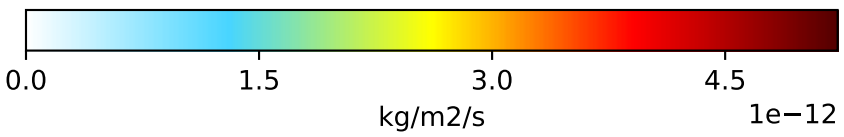
Fractional Difference
(Dev-Ref)/Ref, Fixed Range



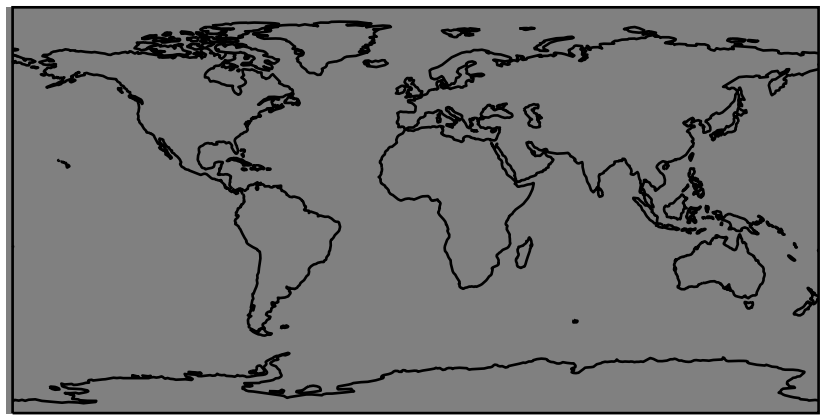
EmisMEK_Biofuel

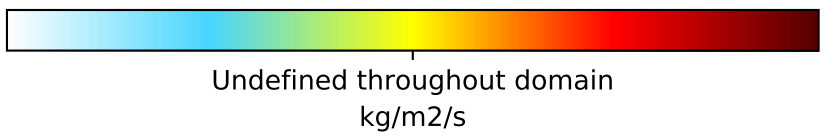
GC_12.3.0 (Ref)
4x5



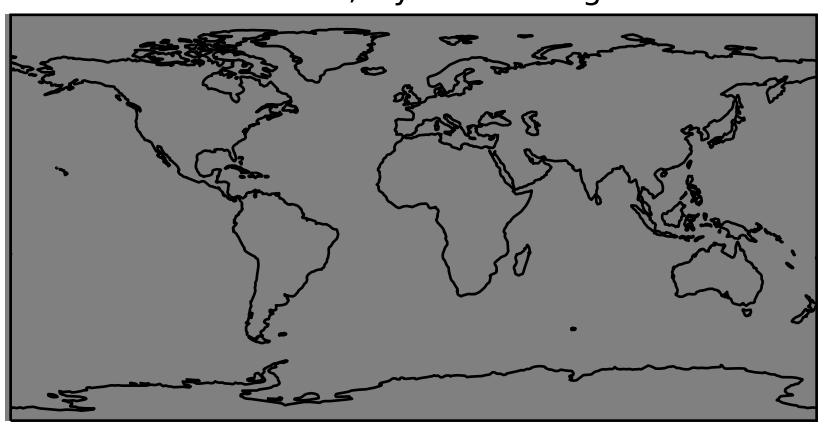


GC_12.5.0 (Dev)
4x5

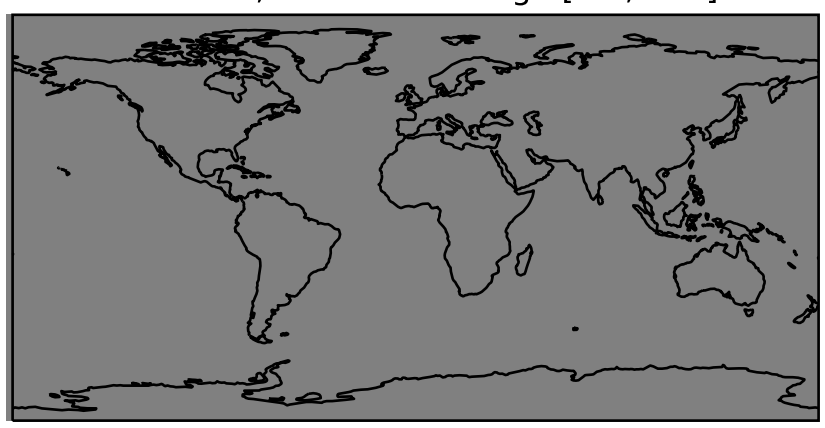




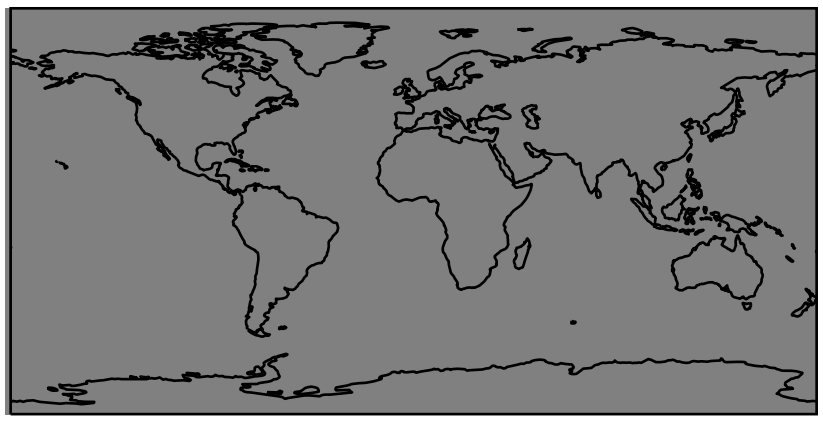
Difference
Dev - Ref, Dynamic Range



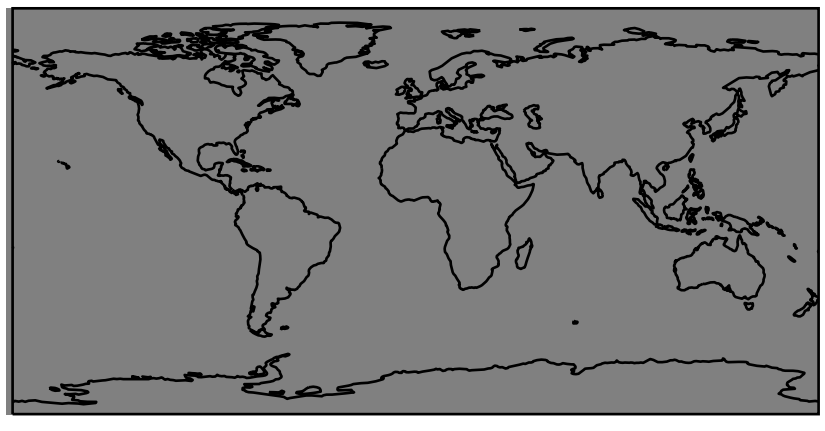
Difference
Dev - Ref, Restricted Range [5%,95%]



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

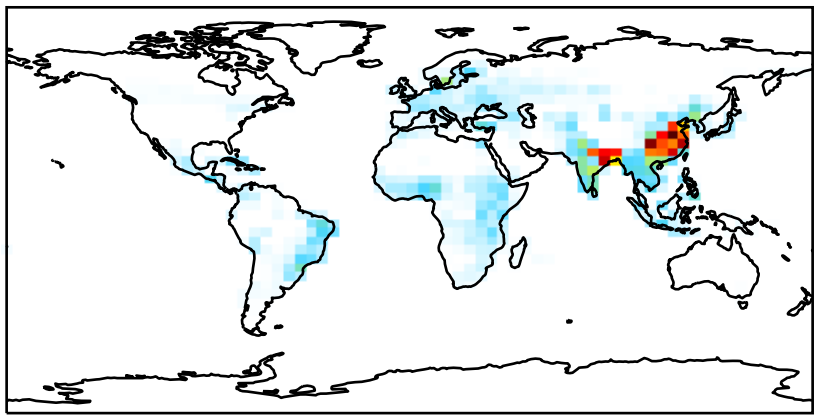


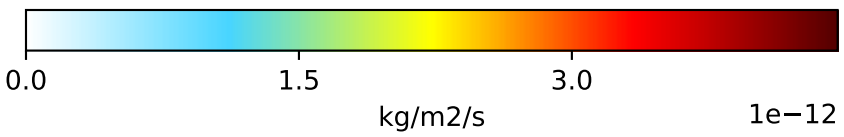
Fractional Difference
(Dev-Ref)/Ref, Fixed Range



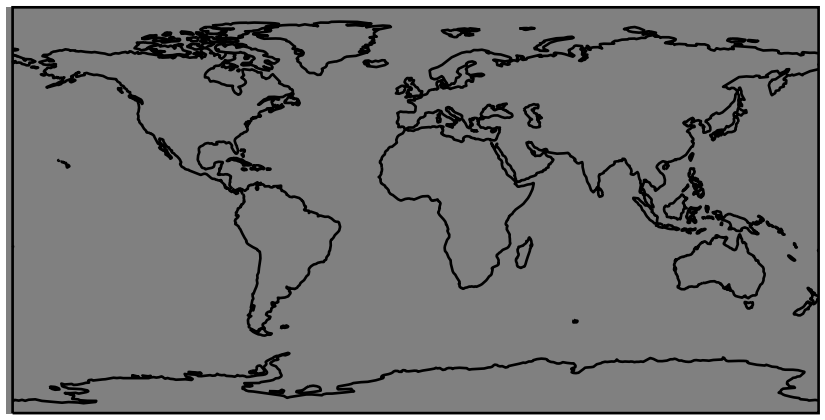
EmisMGLY_Biofuel

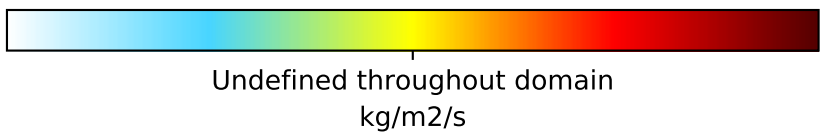
GC_12.3.0 (Ref)
4x5



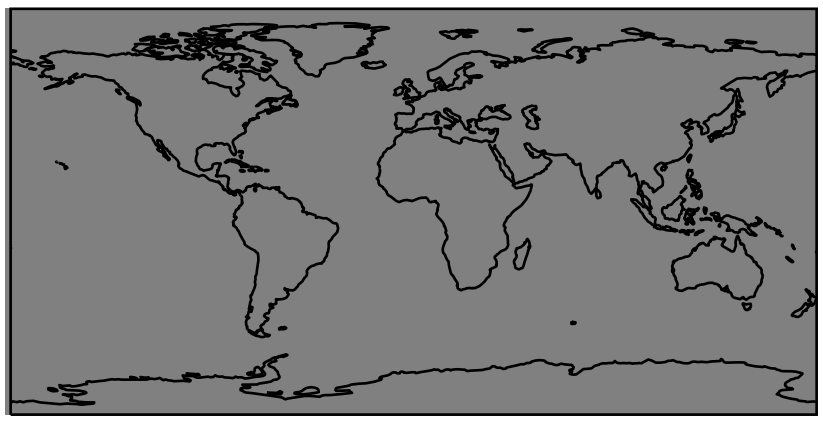


GC_12.5.0 (Dev)
4x5

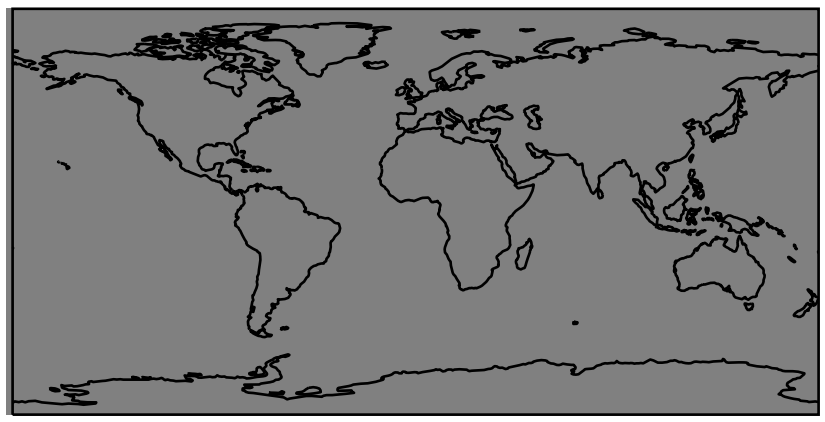




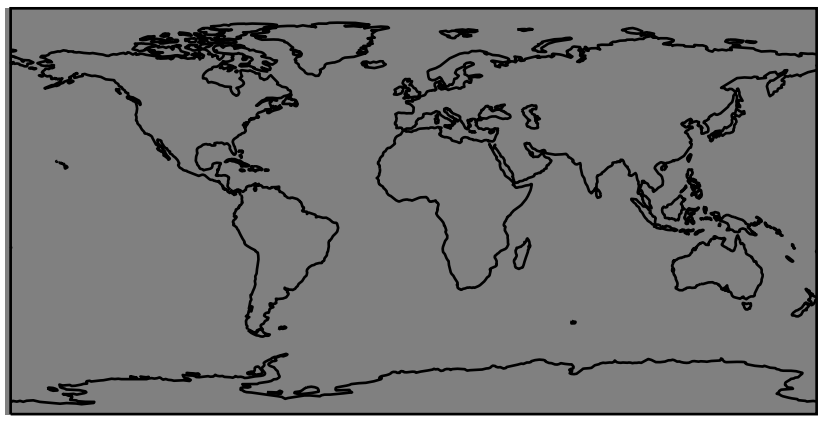
Difference
Dev - Ref, Dynamic Range



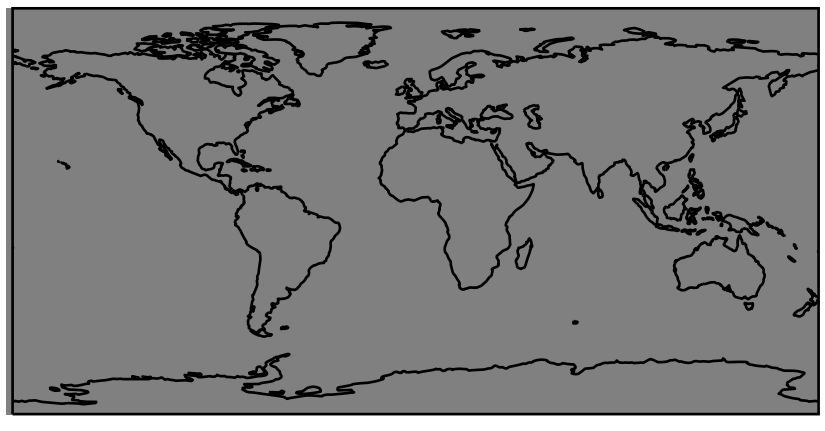
Difference
Dev - Ref, Restricted Range [5%,95%]



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

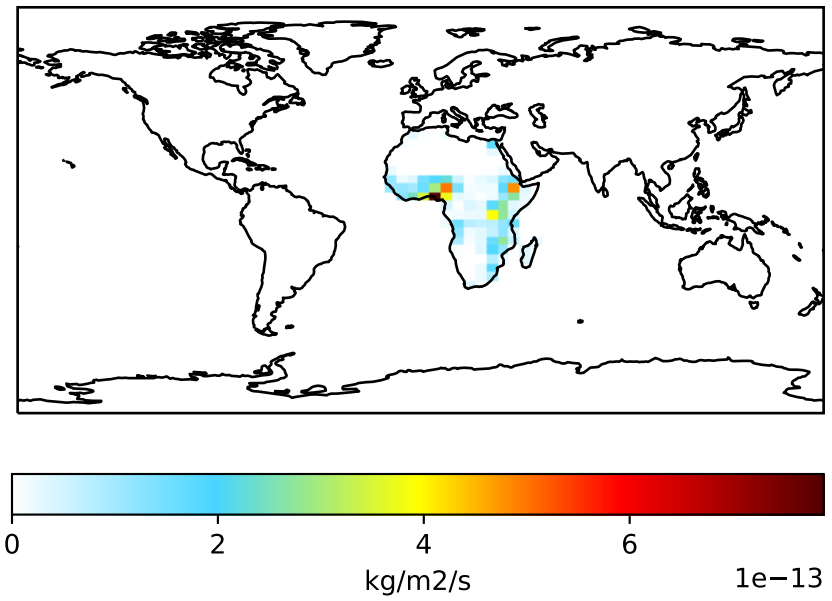


Fractional Difference
(Dev-Ref)/Ref, Fixed Range

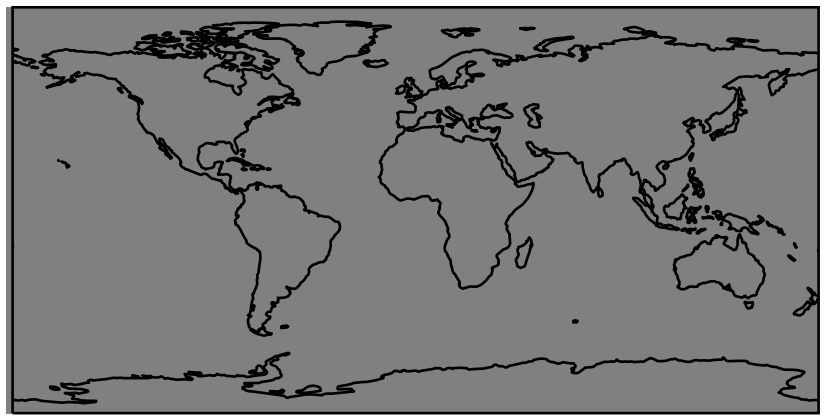


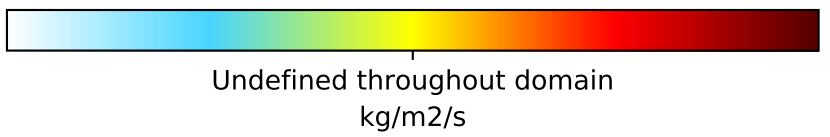
EmisNH3_Biofuel

GC_12.3.0 (Ref)
4x5

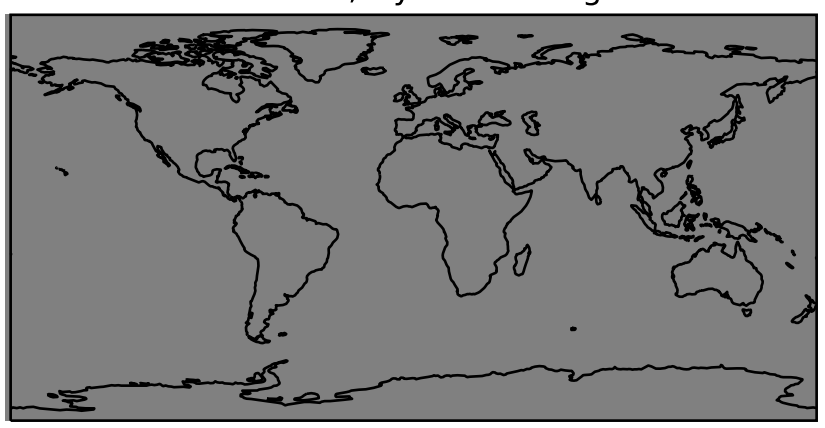


GC_12.5.0 (Dev)
4x5

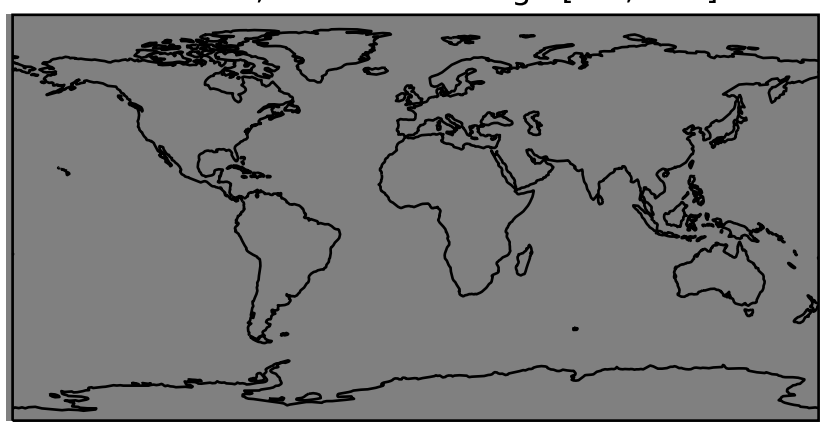




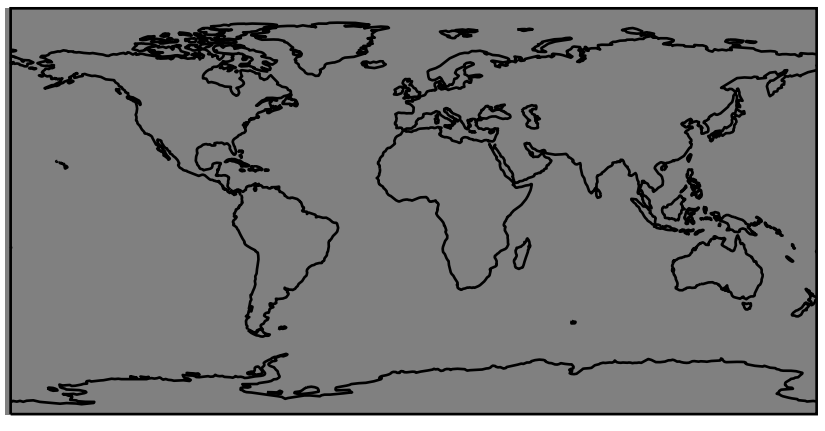
Difference
Dev - Ref, Dynamic Range



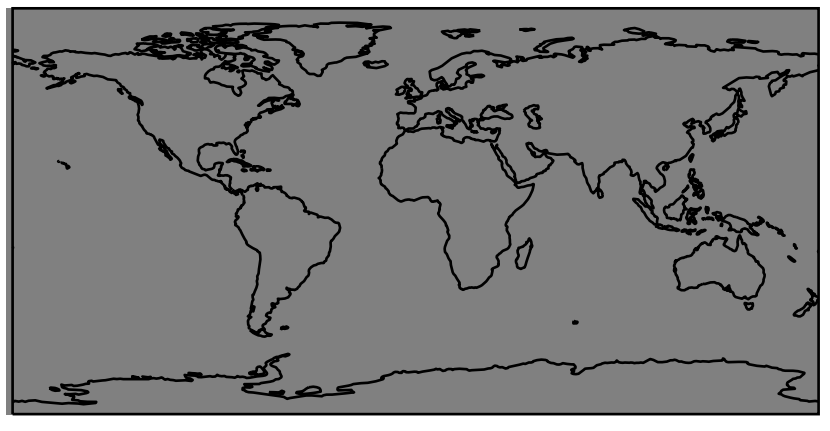
Difference
Dev - Ref, Restricted Range [5%,95%]



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

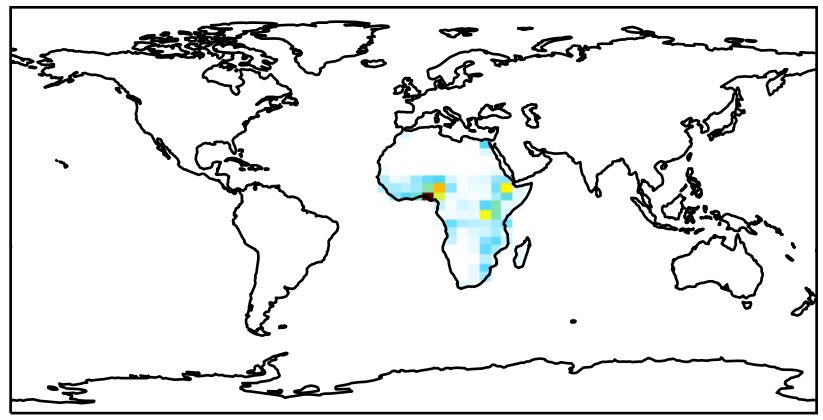


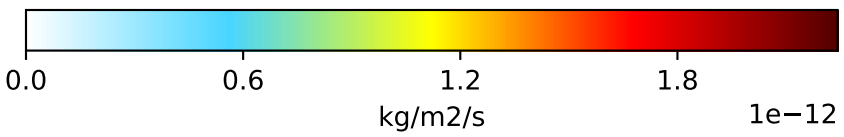
Fractional Difference
(Dev-Ref)/Ref, Fixed Range



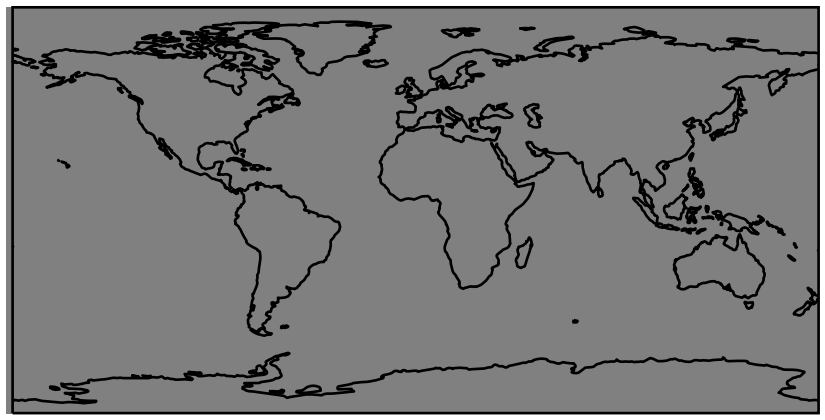
EmisNO_Biofuel

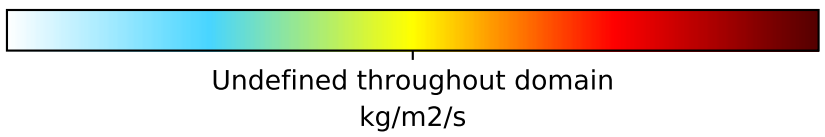
GC_12.3.0 (Ref)
4x5



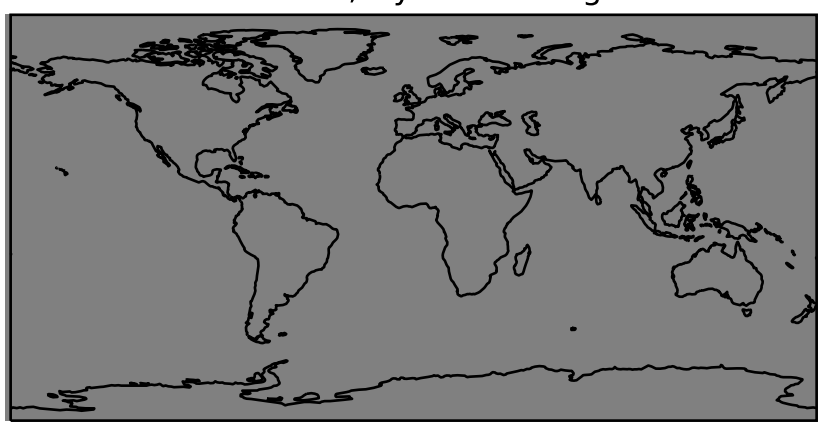


GC_12.5.0 (Dev)
4x5

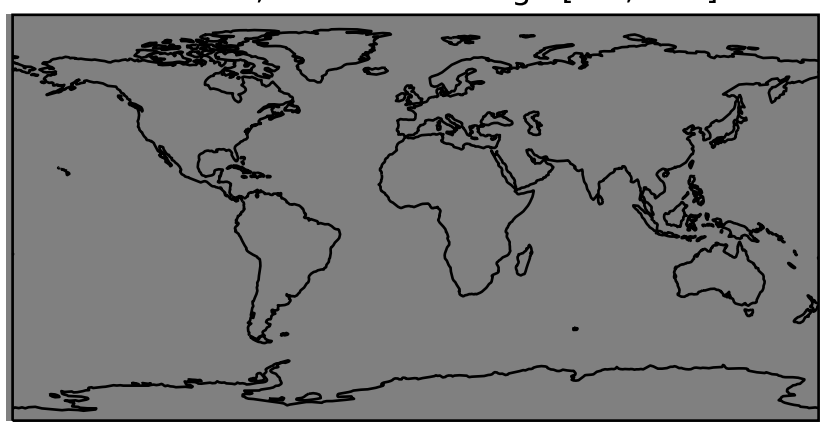




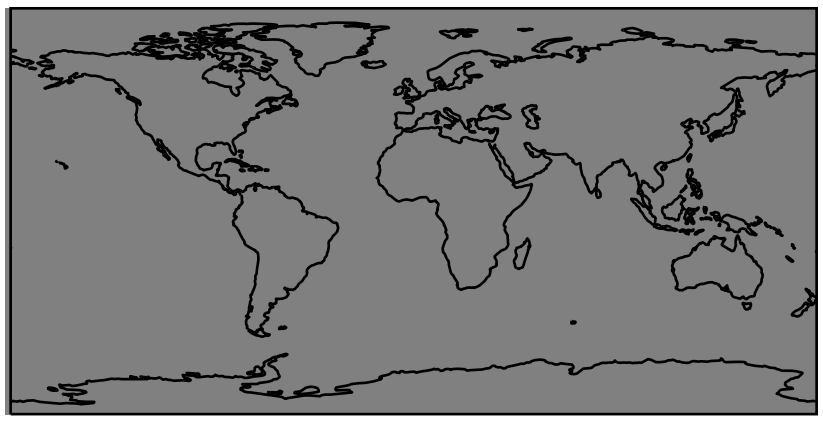
Difference
Dev - Ref, Dynamic Range



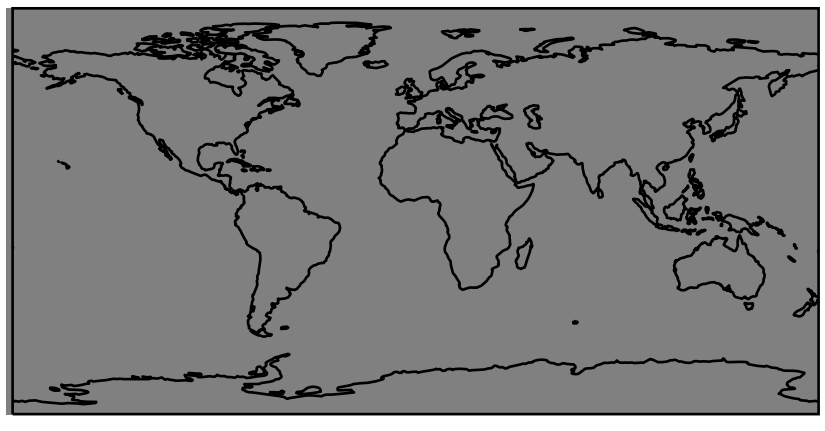
Difference
Dev - Ref, Restricted Range [5%,95%]



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

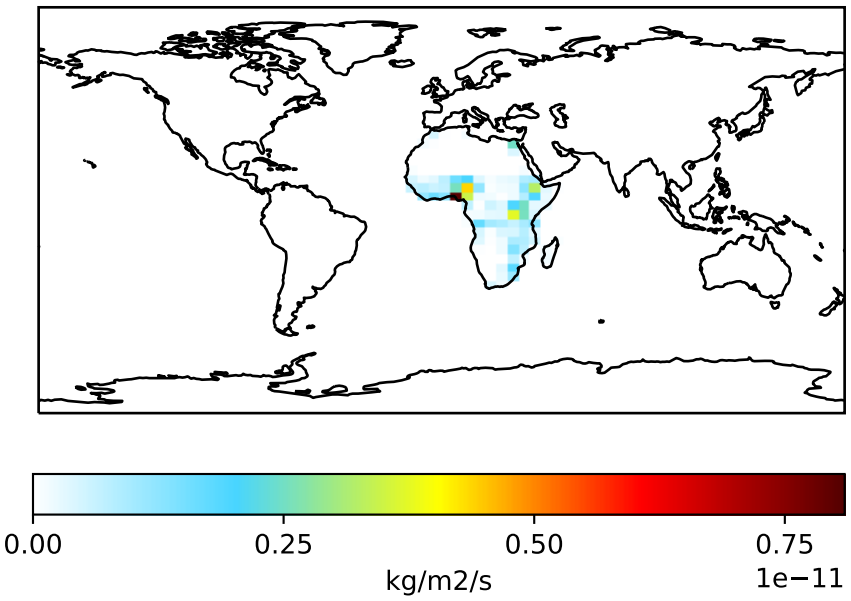


Fractional Difference
(Dev-Ref)/Ref, Fixed Range

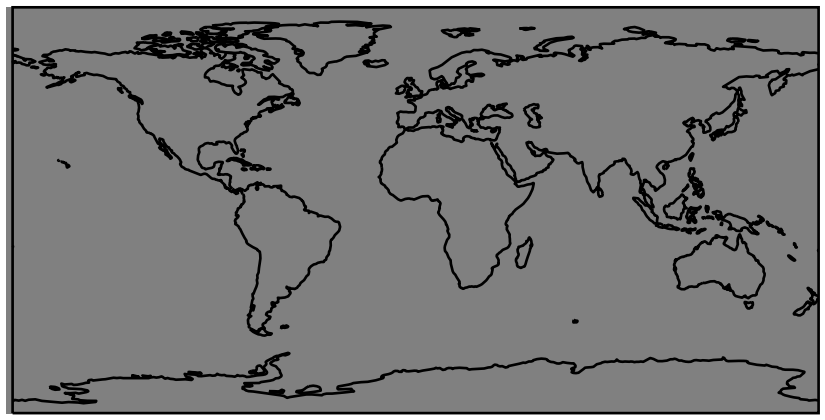


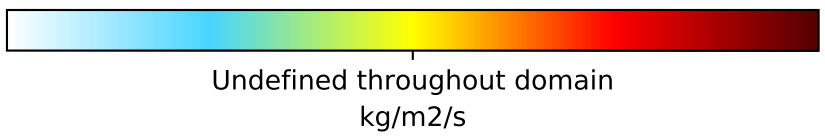
EmisOCPI_Biofuel

GC_12.3.0 (Ref)
4x5

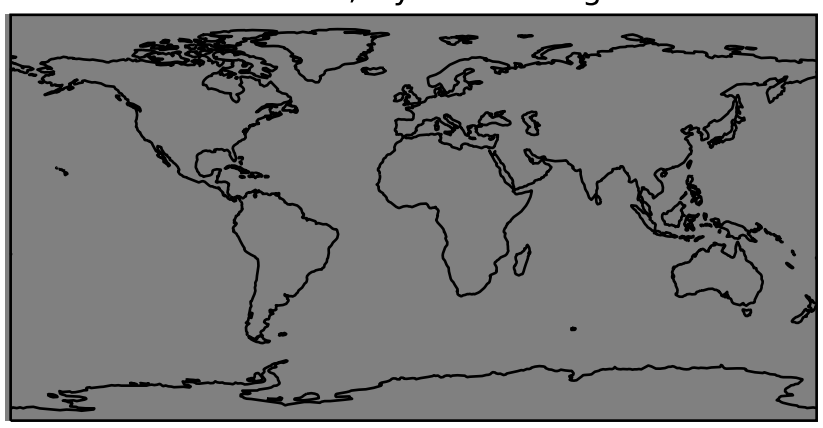


GC_12.5.0 (Dev)
4x5

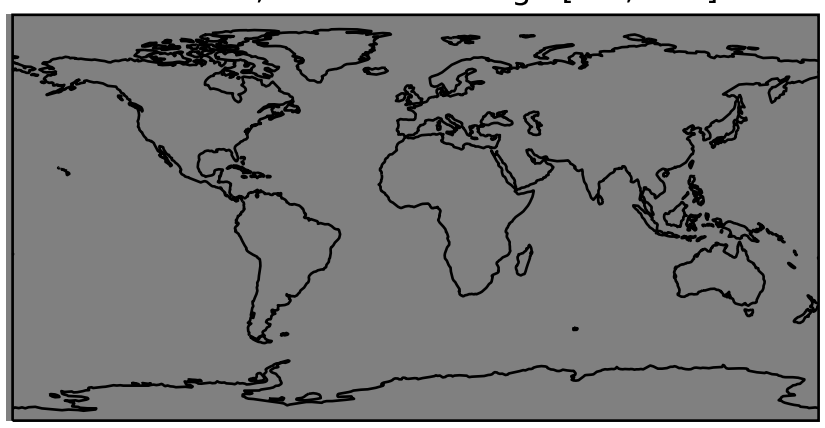




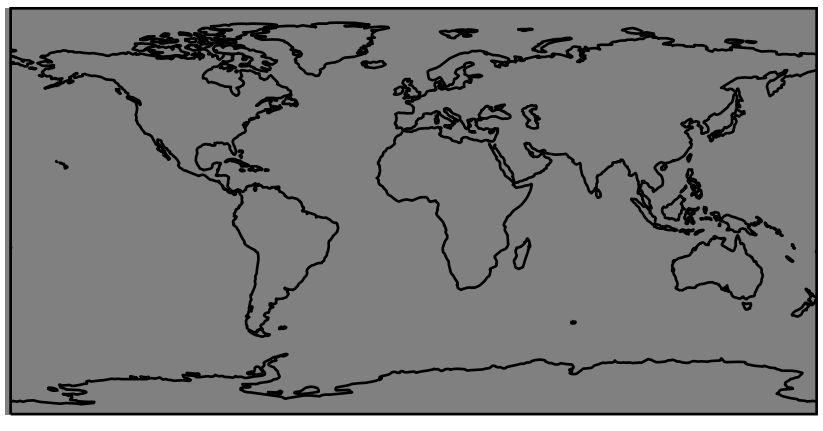
Difference
Dev - Ref, Dynamic Range



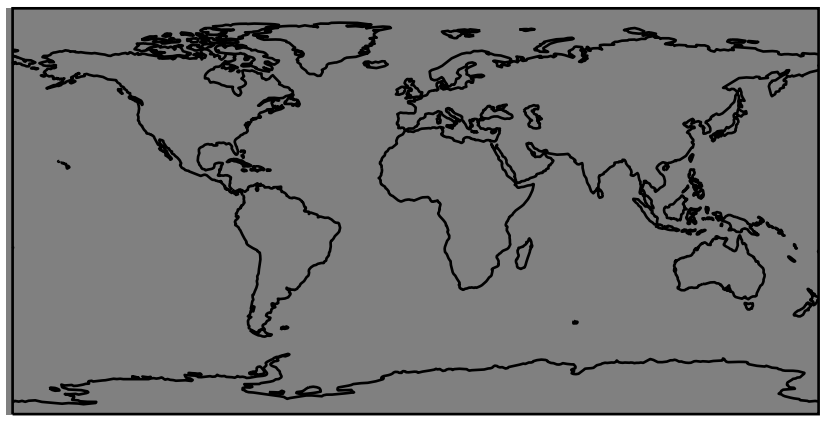
Difference
Dev - Ref, Restricted Range [5%,95%]



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

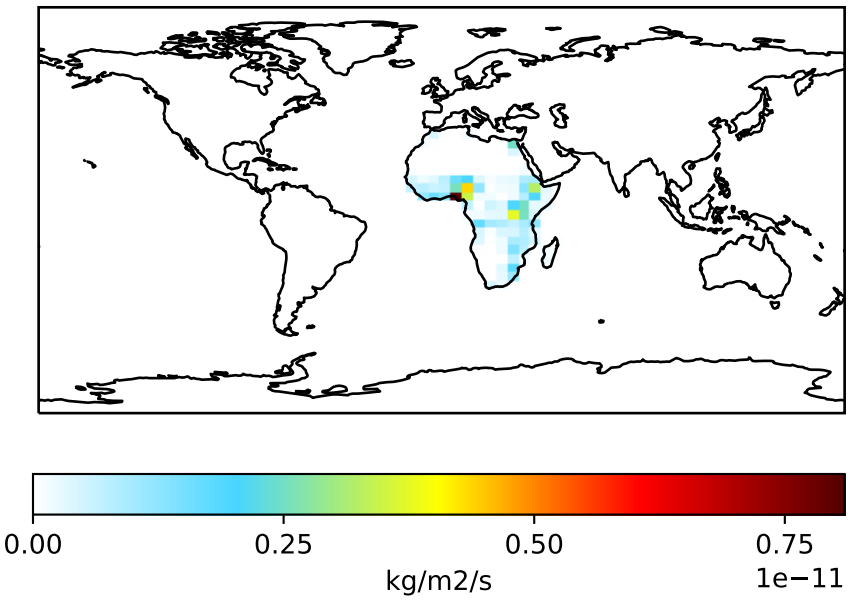


Fractional Difference
(Dev-Ref)/Ref, Fixed Range

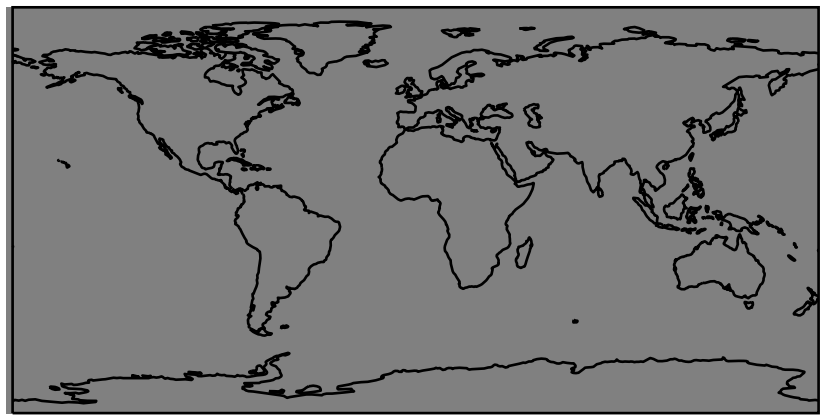


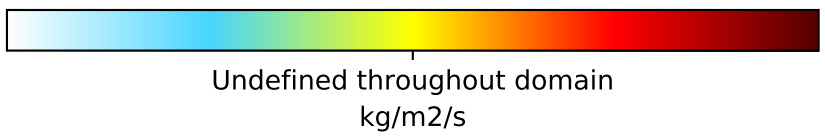
EmisOCPO_Biofuel

GC_12.3.0 (Ref)
4x5

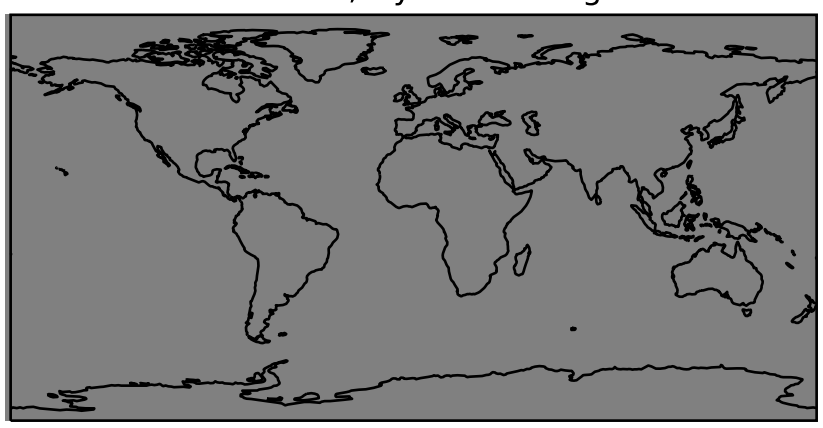


GC_12.5.0 (Dev)
4x5

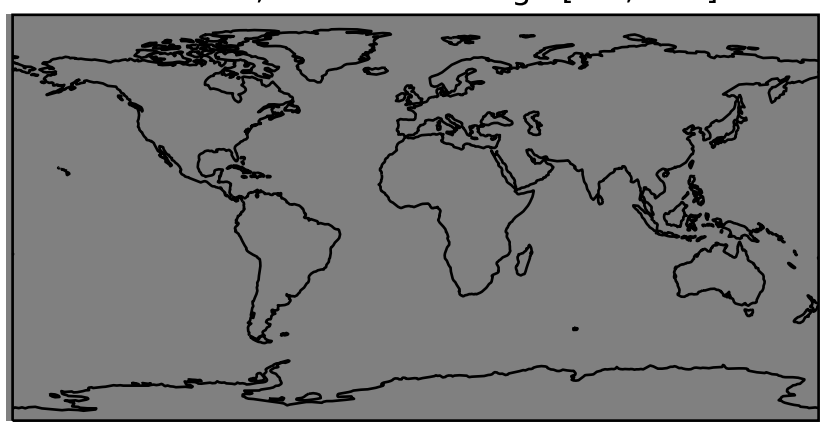




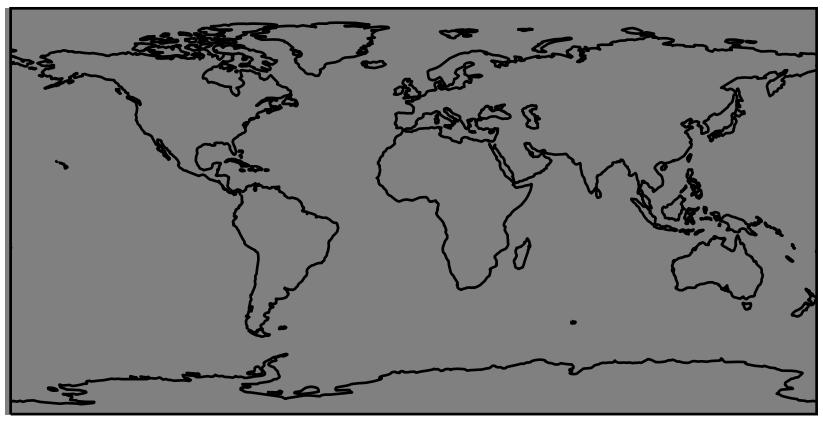
Difference
Dev - Ref, Dynamic Range



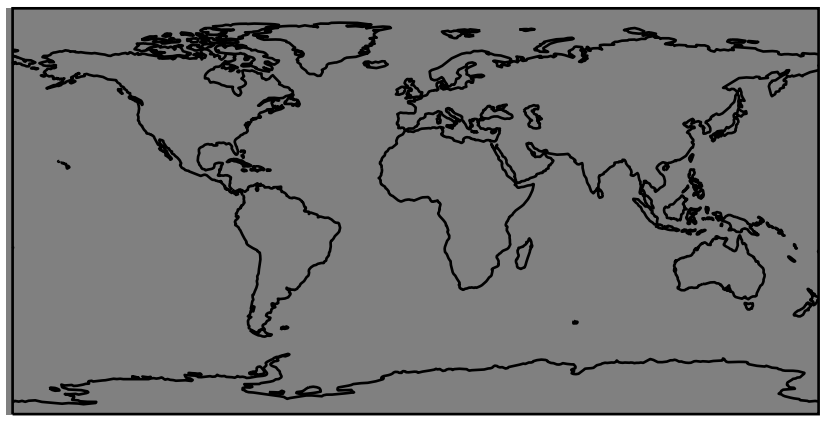
Difference
Dev - Ref, Restricted Range [5%,95%]



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

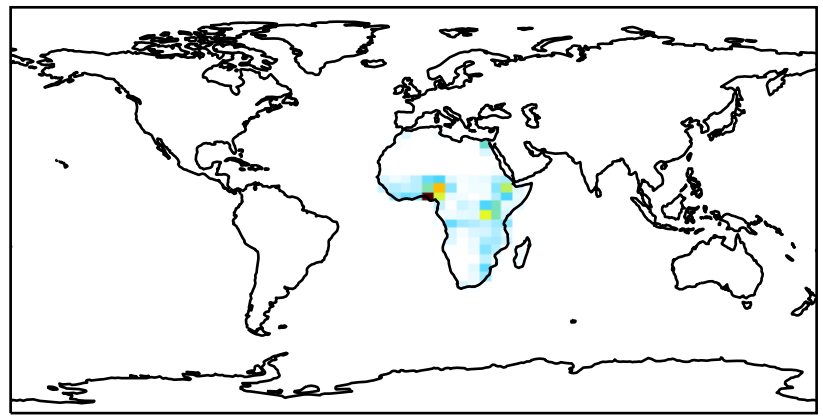


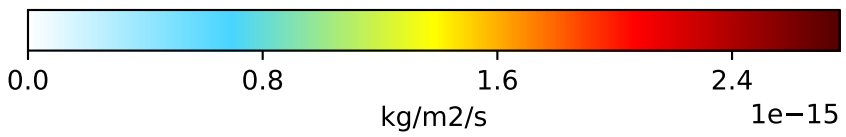
Fractional Difference
(Dev-Ref)/Ref, Fixed Range



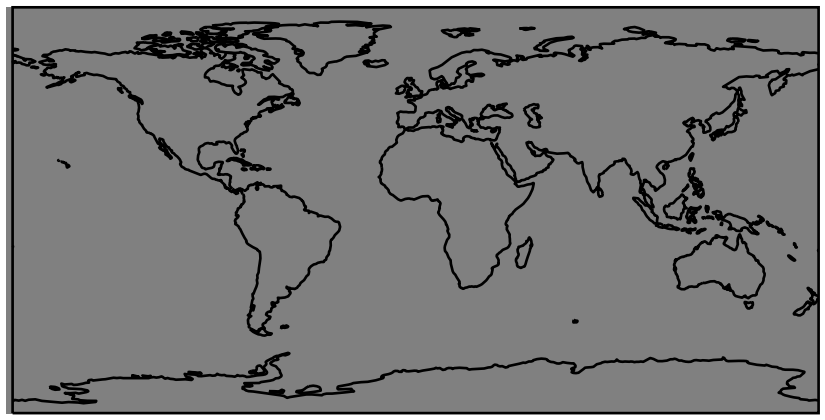
EmispFe_Biofuel

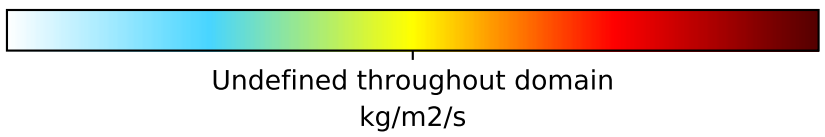
GC_12.3.0 (Ref)
4x5



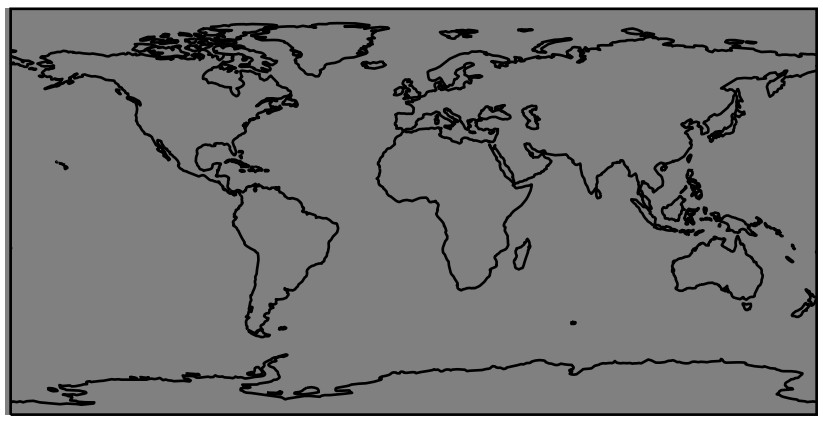


GC_12.5.0 (Dev)
4x5

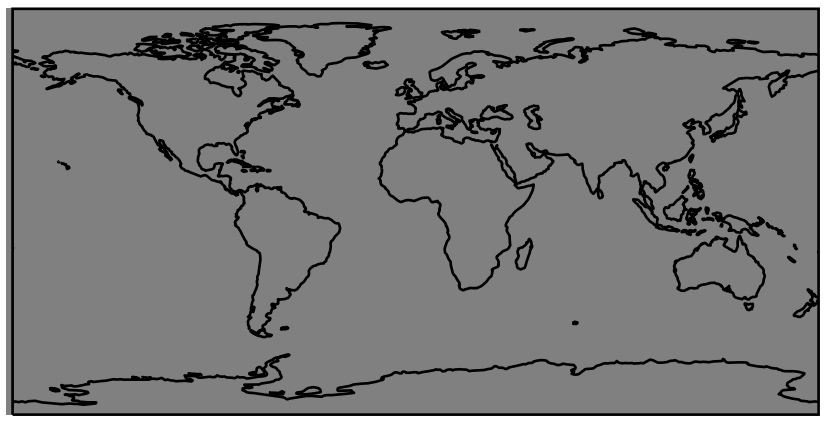




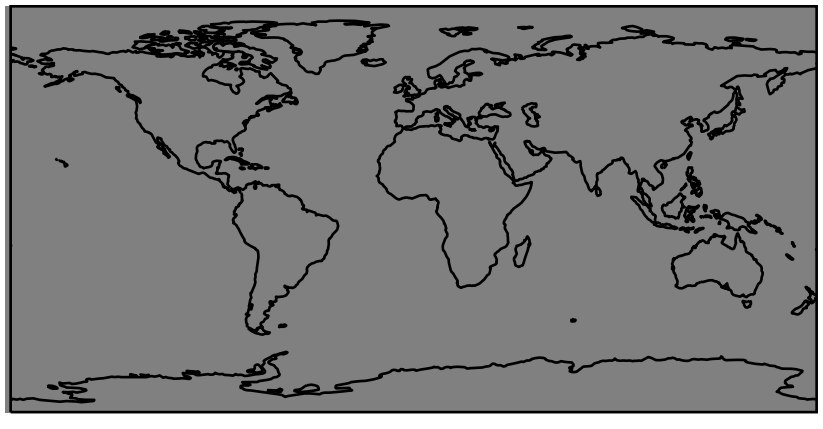
Difference
Dev - Ref, Dynamic Range



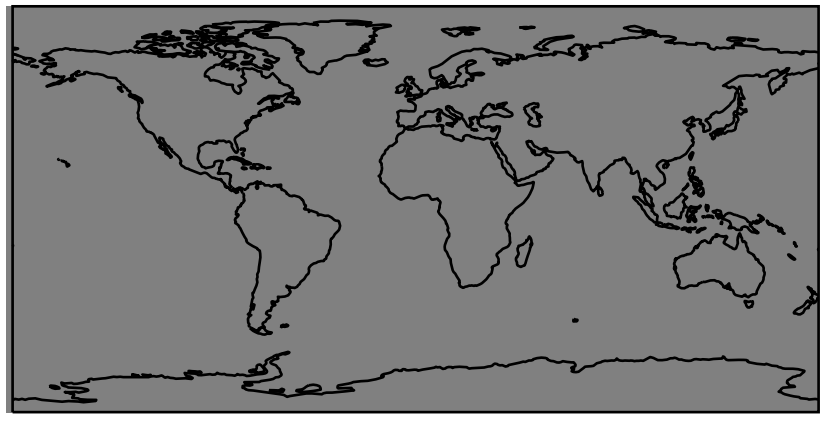
Difference
Dev - Ref, Restricted Range [5%,95%]



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

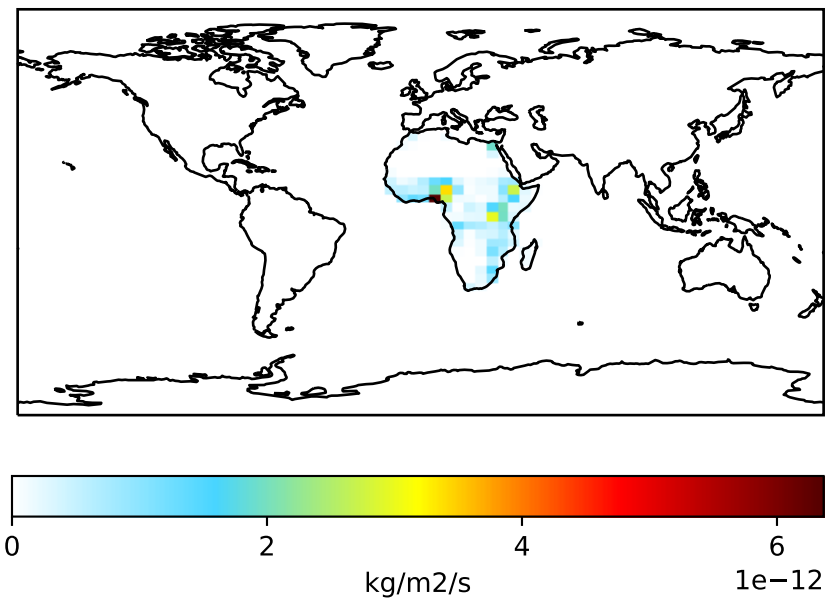


Fractional Difference
(Dev-Ref)/Ref, Fixed Range

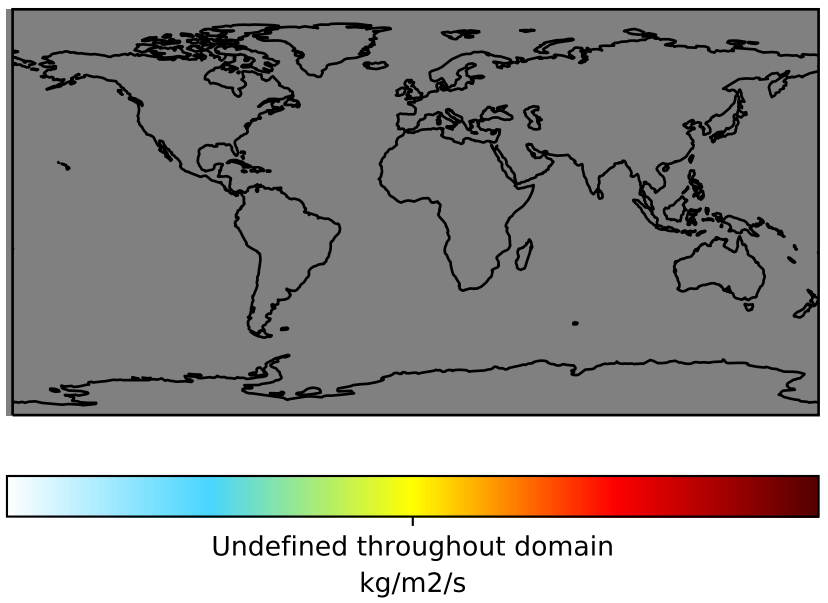


EmisPRPE_Biofuel

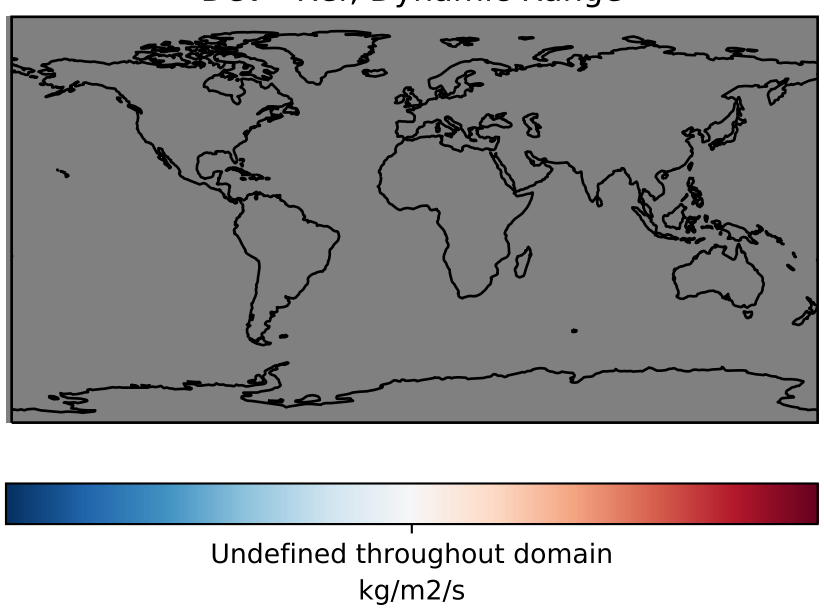
GC_12.3.0 (Ref)
4x5



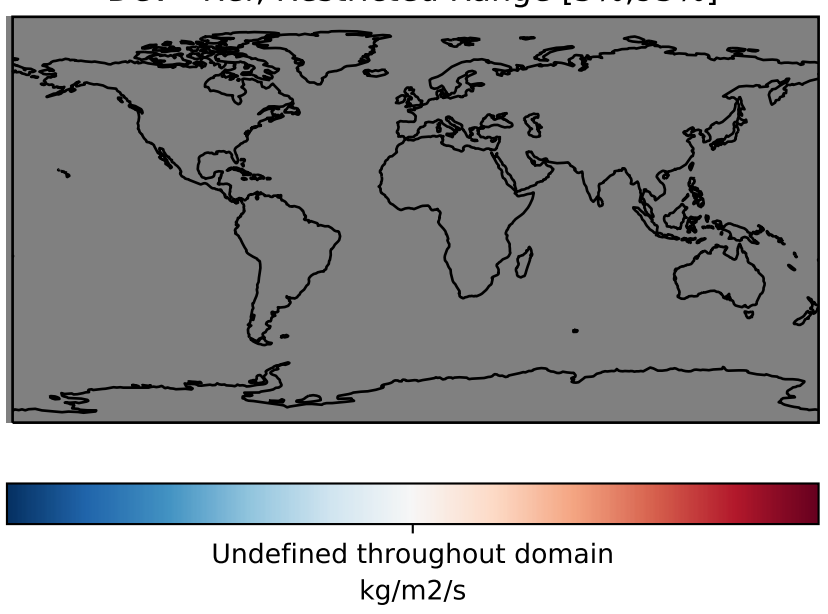
GC_12.5.0 (Dev)
4x5



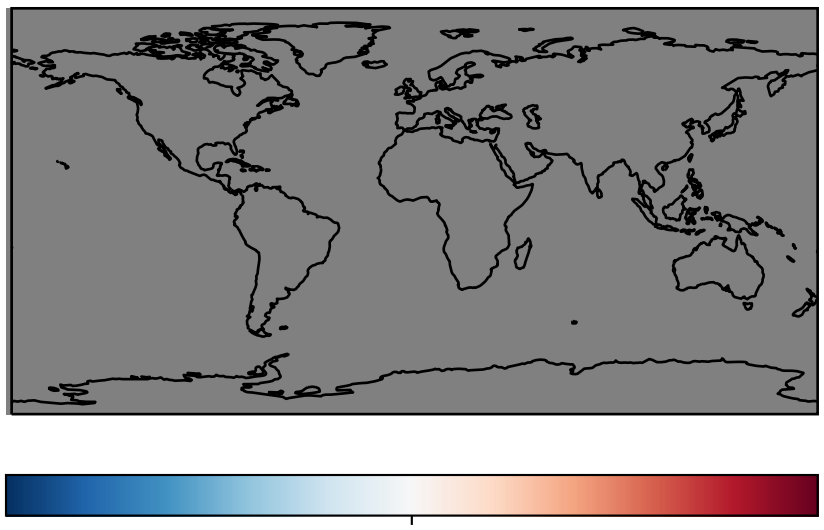
Difference
Dev - Ref, Dynamic Range



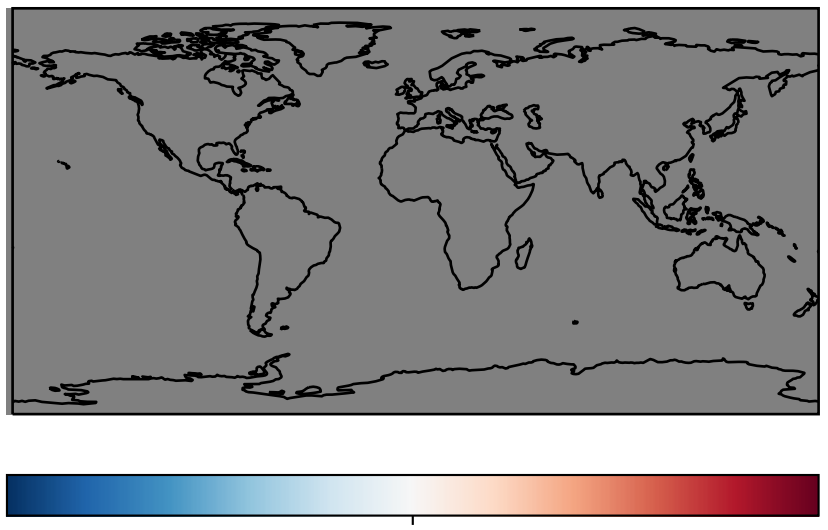
Difference
Dev - Ref, Restricted Range [5%,95%]



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

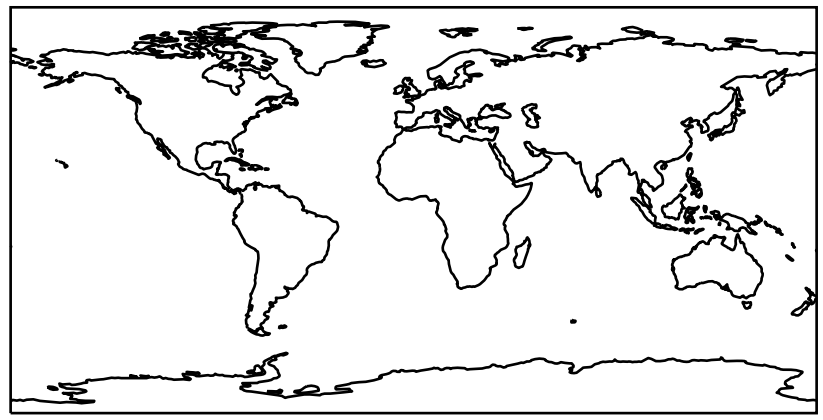


Fractional Difference
(Dev-Ref)/Ref, Fixed Range



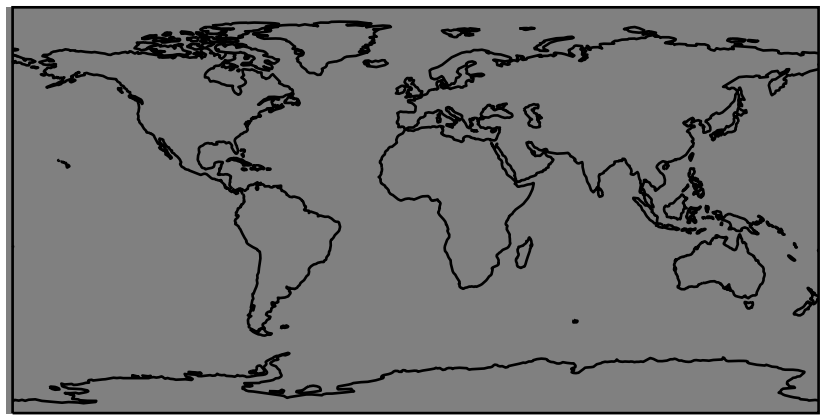
EmisRCHO_Biofuel

GC_12.3.0 (Ref)
4x5



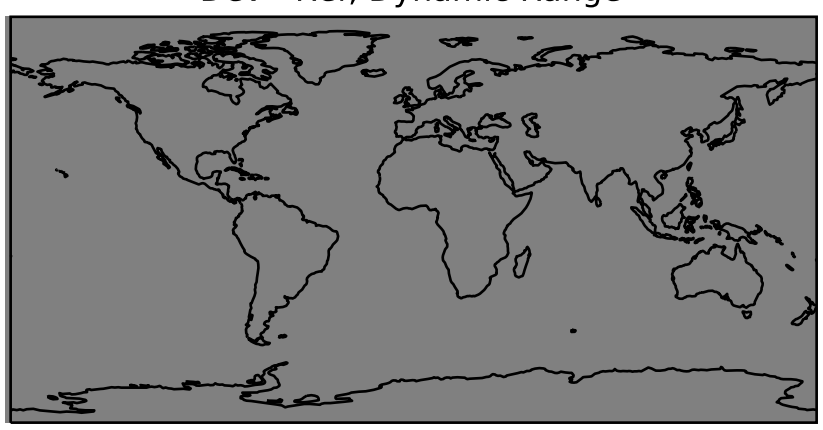
Zero throughout domain
kg/m2/s

GC_12.5.0 (Dev)
4x5



Undefined throughout domain
kg/m2/s

Difference
Dev - Ref, Dynamic Range

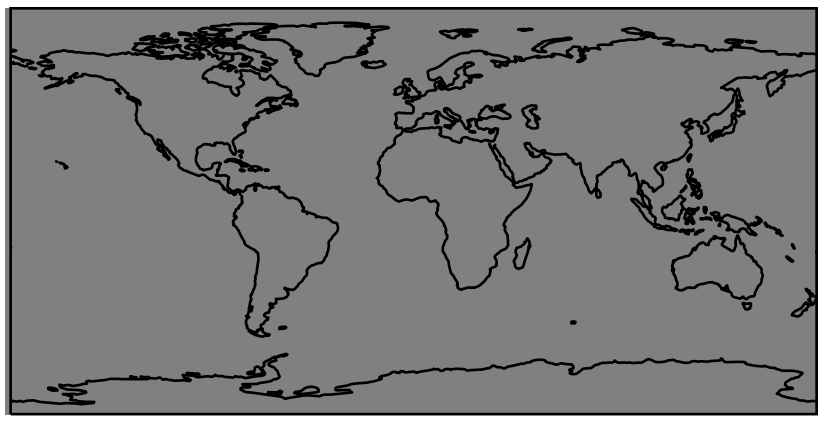


Undefined throughout domain
kg/m2/s

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

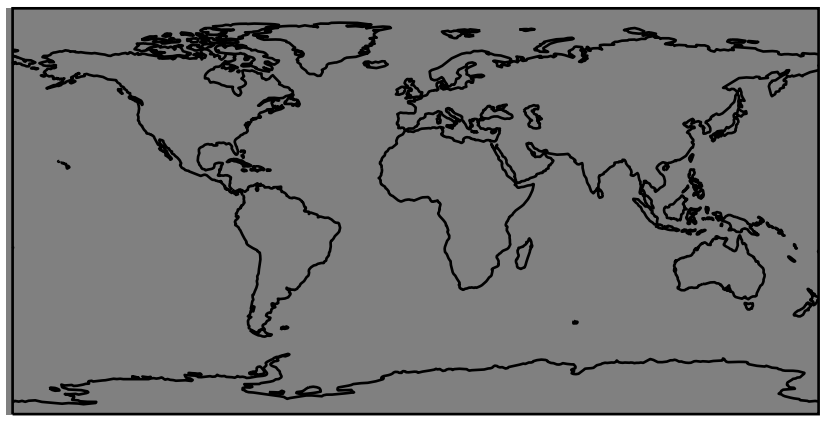
Undefined throughout domain
kg/m2/s

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



Undefined throughout domain
unitless

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



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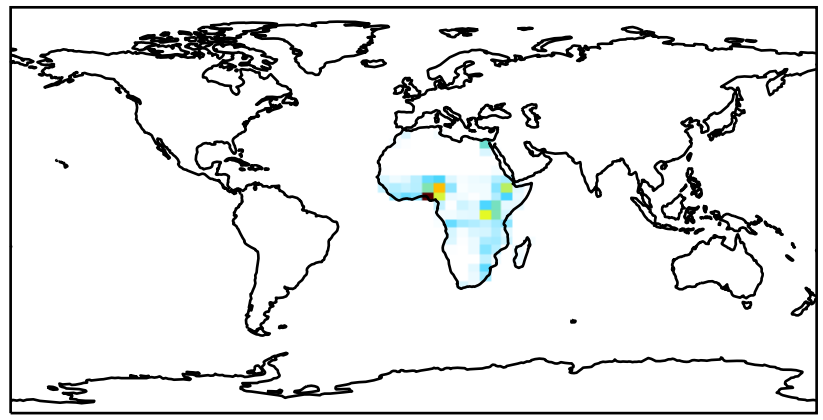
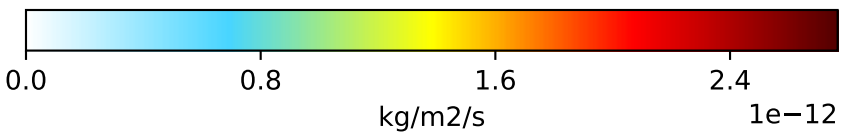
unitless

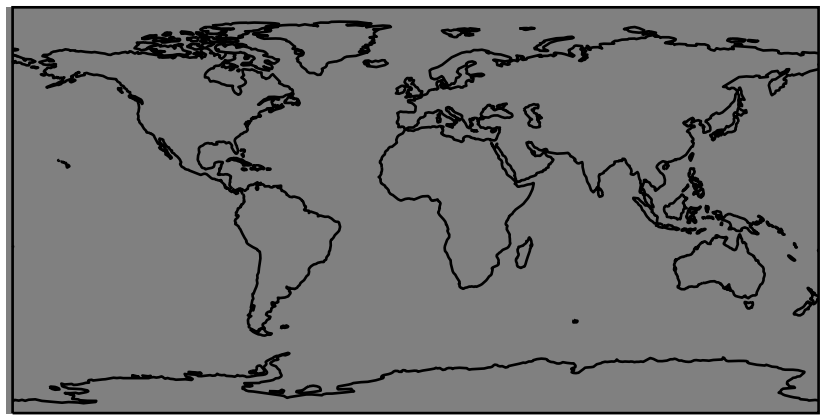
EmisSO2_Biofuel

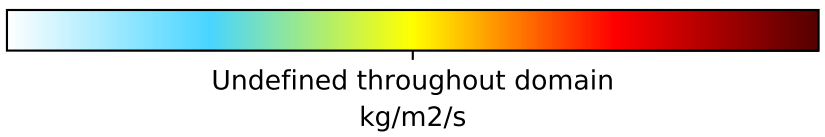
GC_12.3.0 (Ref)
4x5



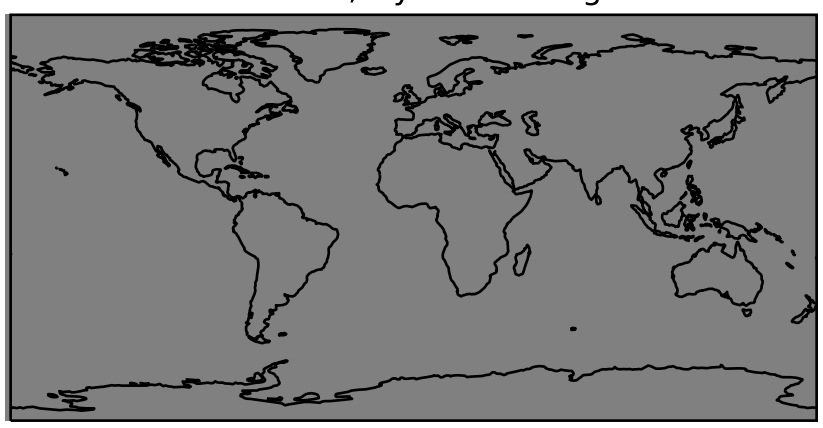


GC_12.5.0 (Dev)
4x5

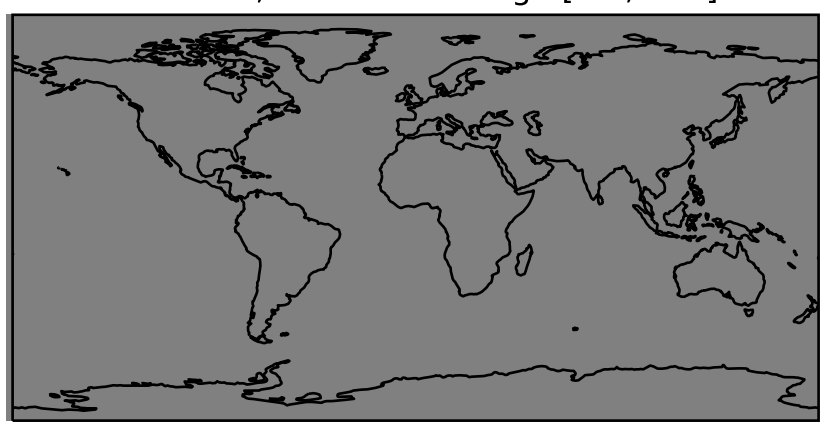




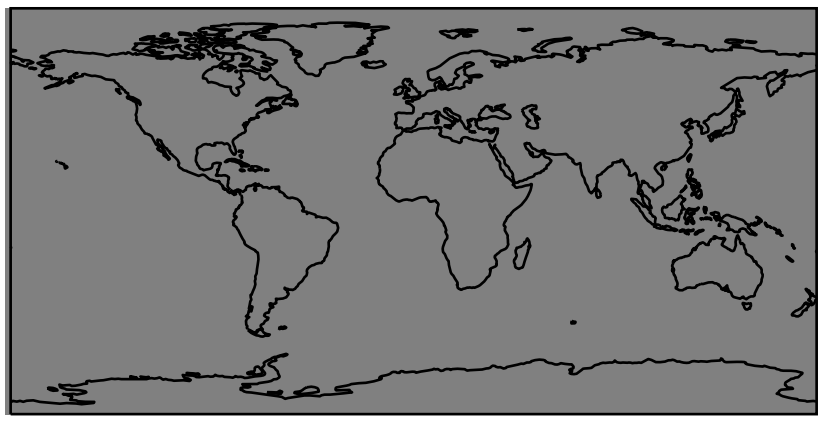
Difference
Dev - Ref, Dynamic Range



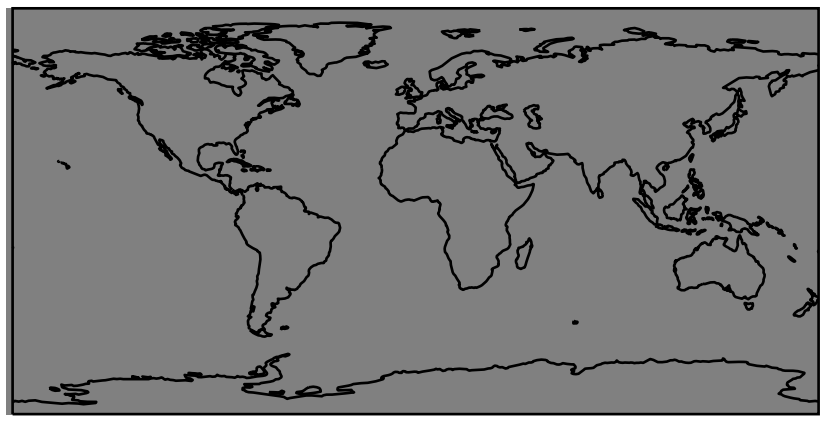
Difference
Dev - Ref, Restricted Range [5%,95%]



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

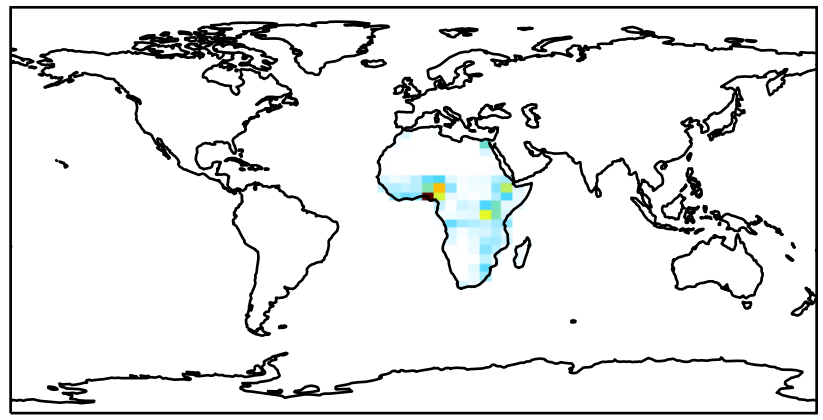


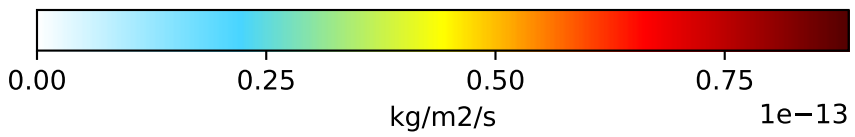
Fractional Difference
(Dev-Ref)/Ref, Fixed Range



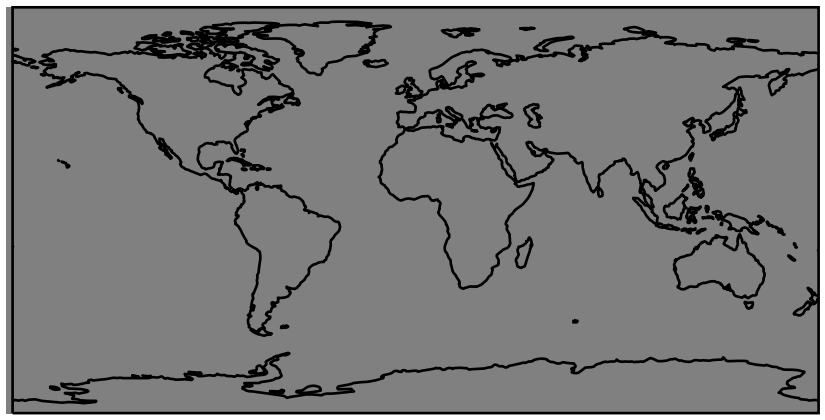
EmisSO4_Biofuel

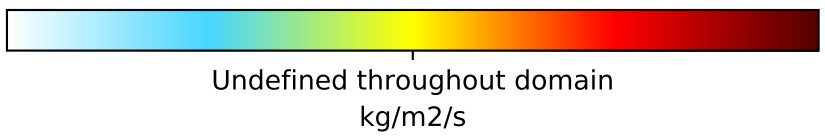
GC_12.3.0 (Ref)
4x5



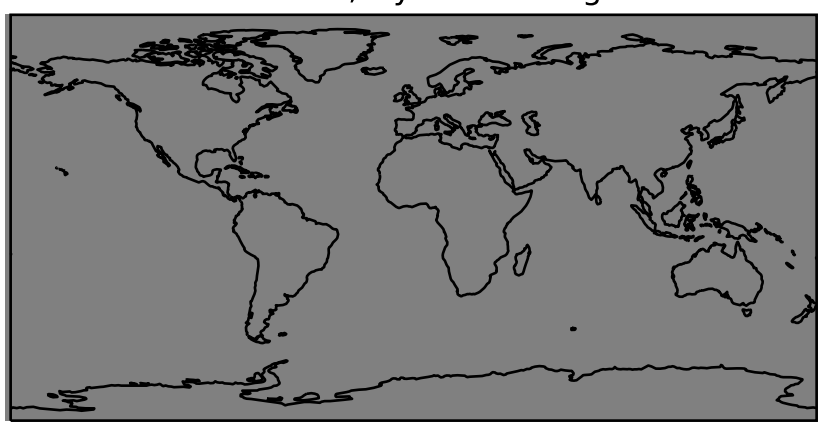


GC_12.5.0 (Dev)
4x5

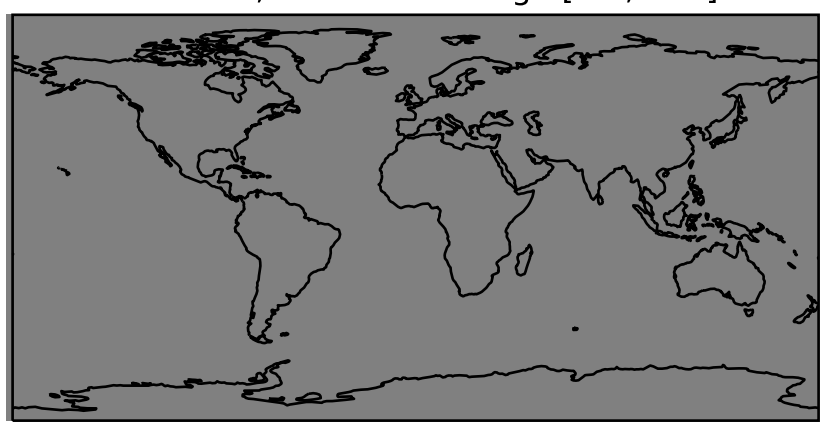




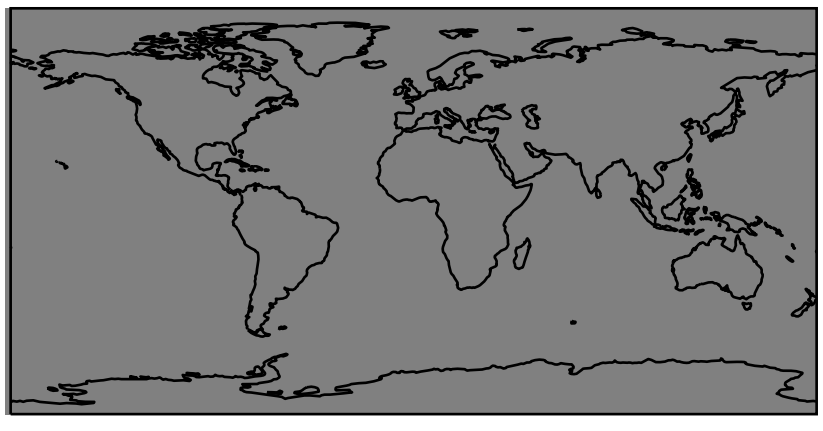
Difference
Dev - Ref, Dynamic Range



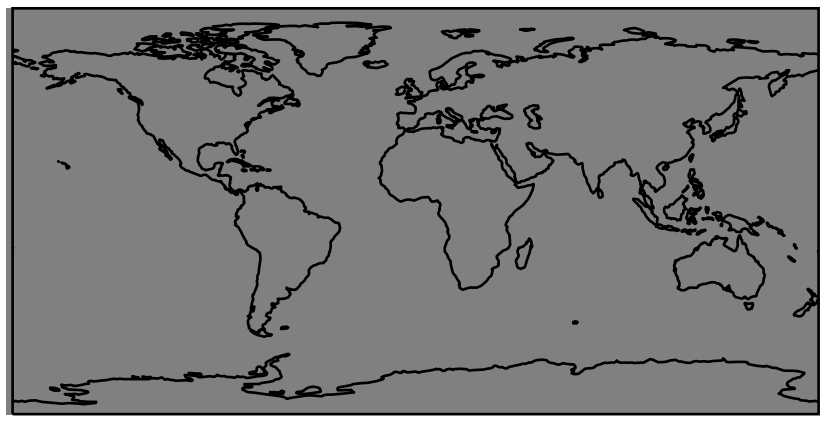
Difference
Dev - Ref, Restricted Range [5%,95%]



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

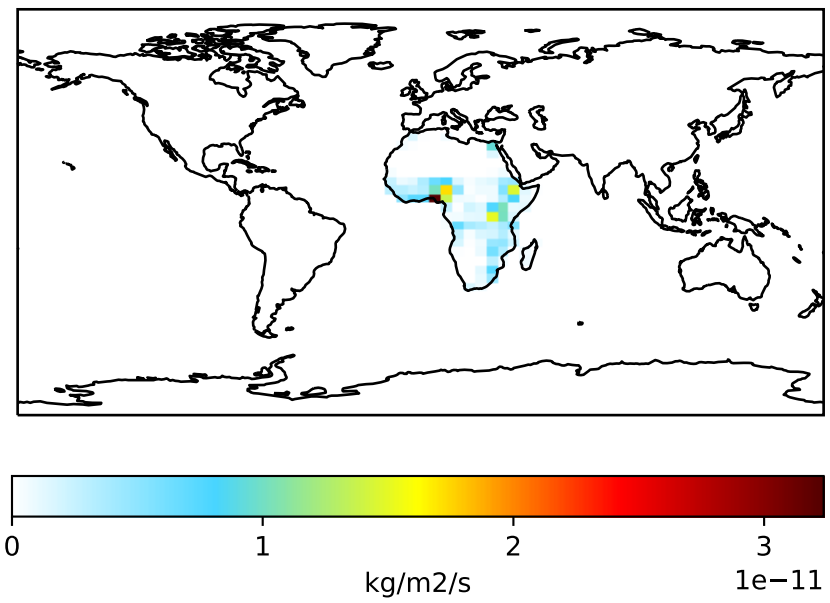


Fractional Difference
(Dev-Ref)/Ref, Fixed Range

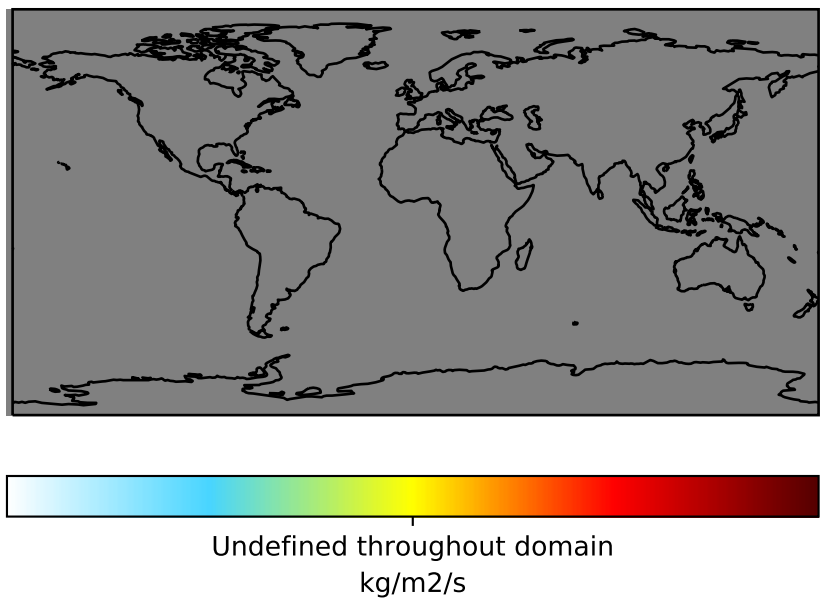


EmisSOAP_Biofuel

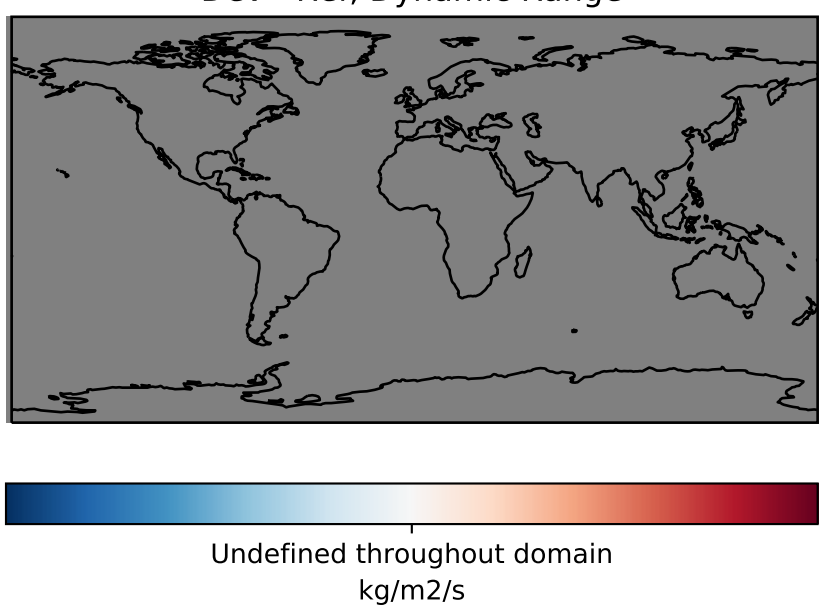
GC_12.3.0 (Ref)
4x5



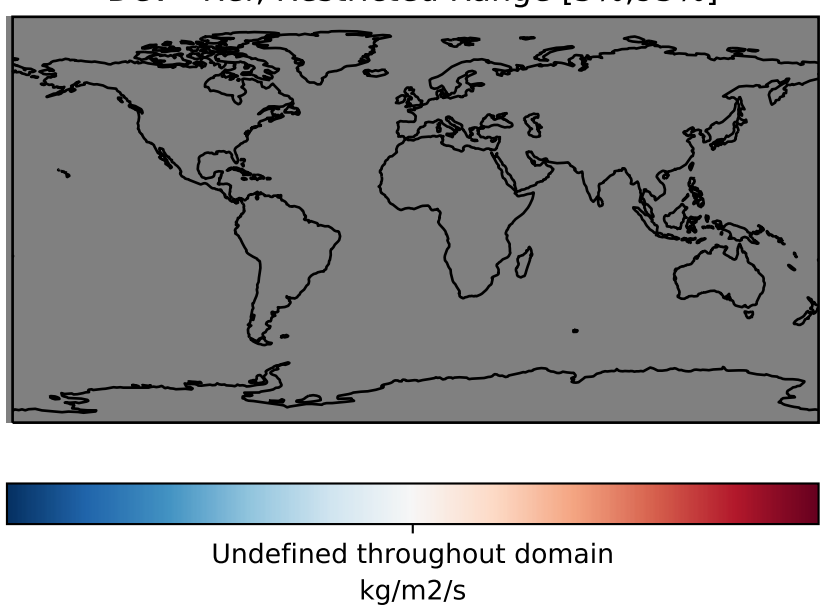
GC_12.5.0 (Dev)
4x5



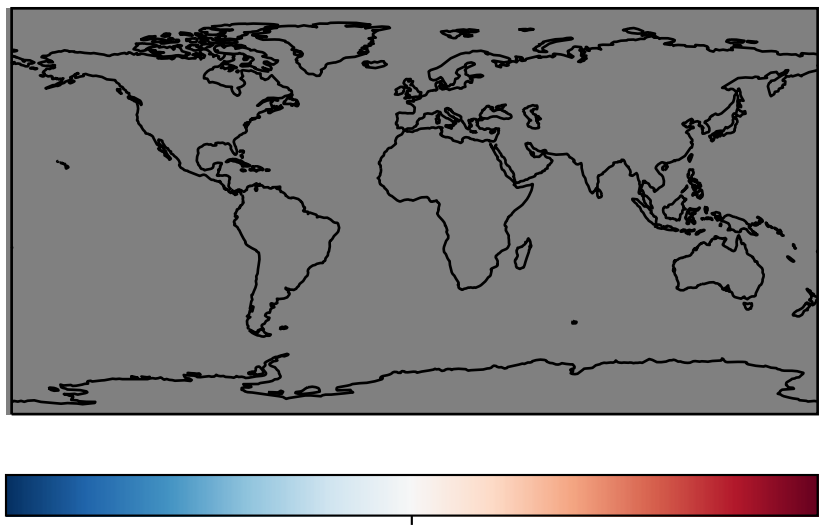
Difference
Dev - Ref, Dynamic Range



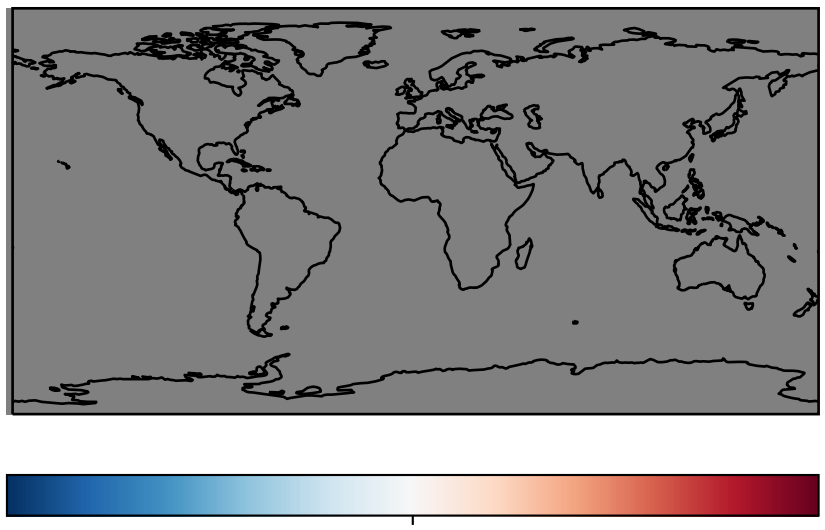
Difference
Dev - Ref, Restricted Range [5%,95%]



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

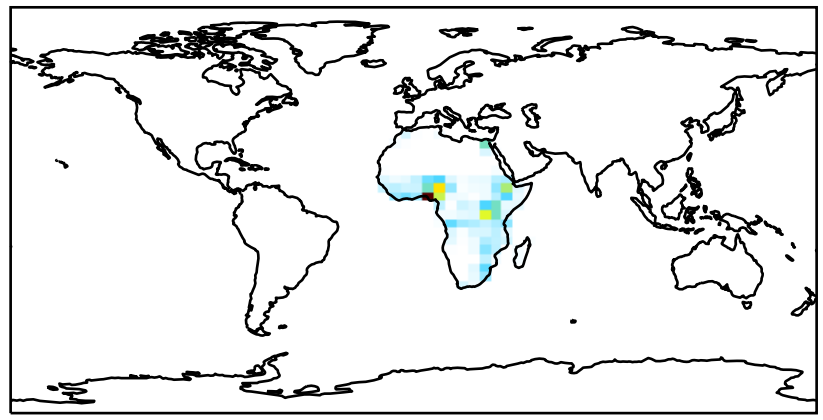


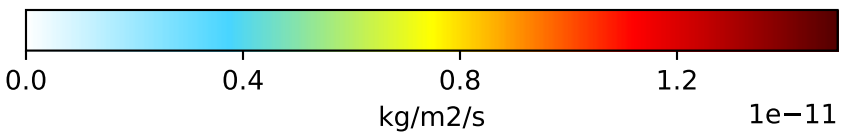
Fractional Difference
(Dev-Ref)/Ref, Fixed Range



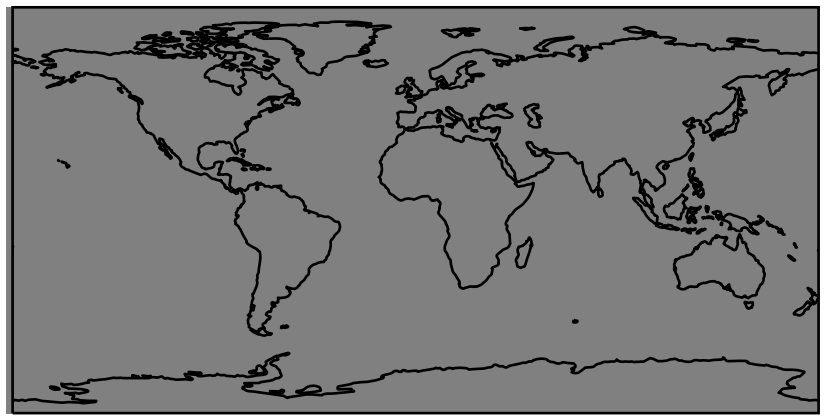
EmisTOLU_Biofuel

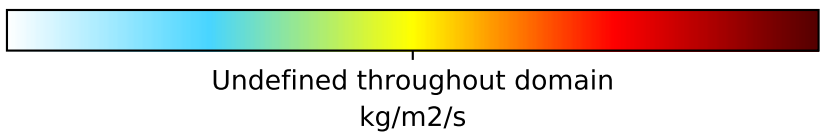
GC_12.3.0 (Ref)
4x5



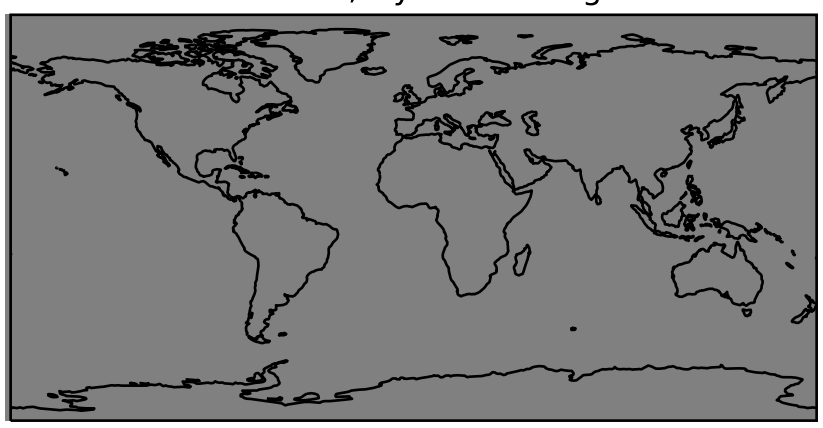


GC_12.5.0 (Dev)
4x5

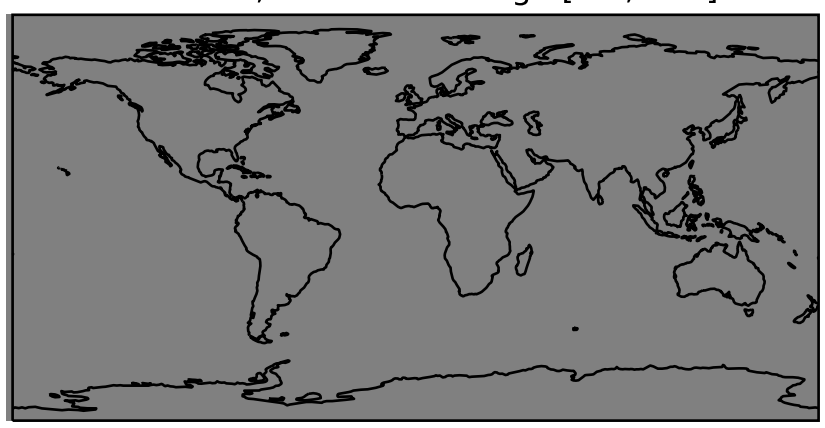




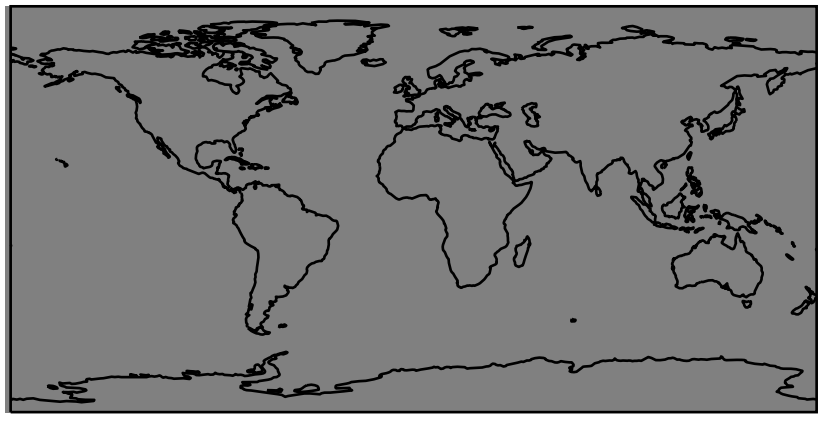
Difference
Dev - Ref, Dynamic Range



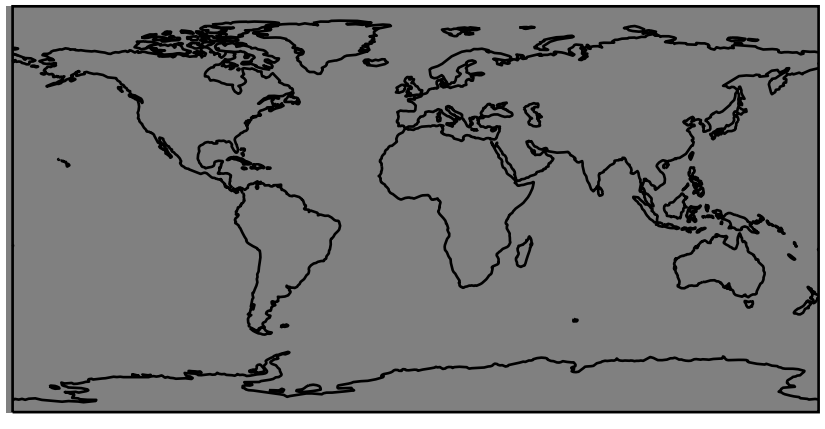
Difference
Dev - Ref, Restricted Range [5%,95%]



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

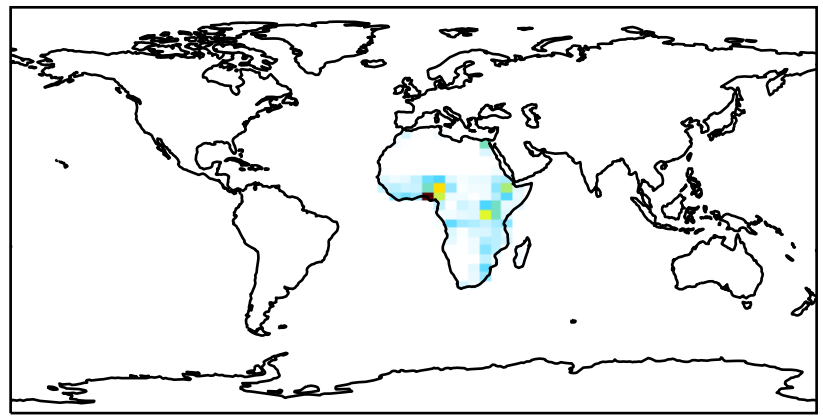


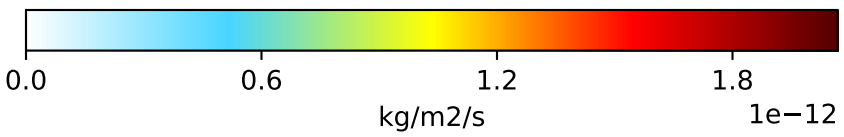
Fractional Difference
(Dev-Ref)/Ref, Fixed Range



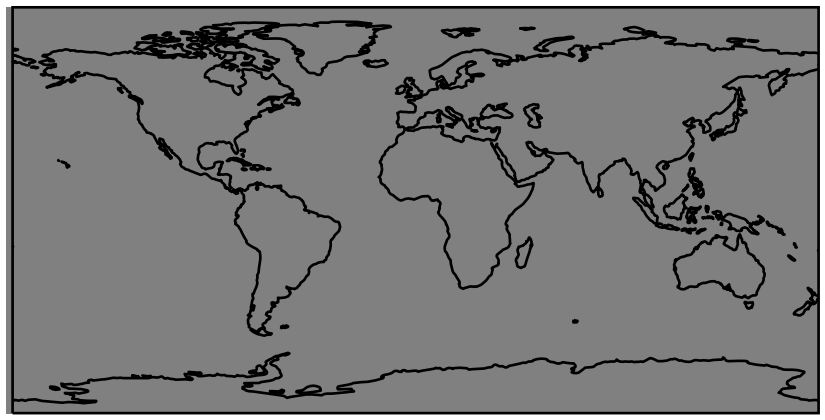
EmisXYLE_Biofuel

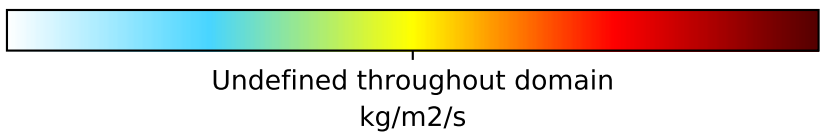
GC_12.3.0 (Ref)
4x5



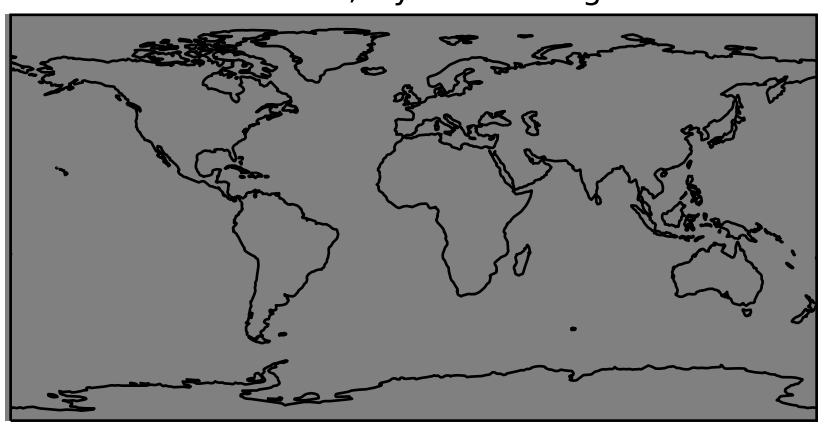


GC_12.5.0 (Dev)
4x5

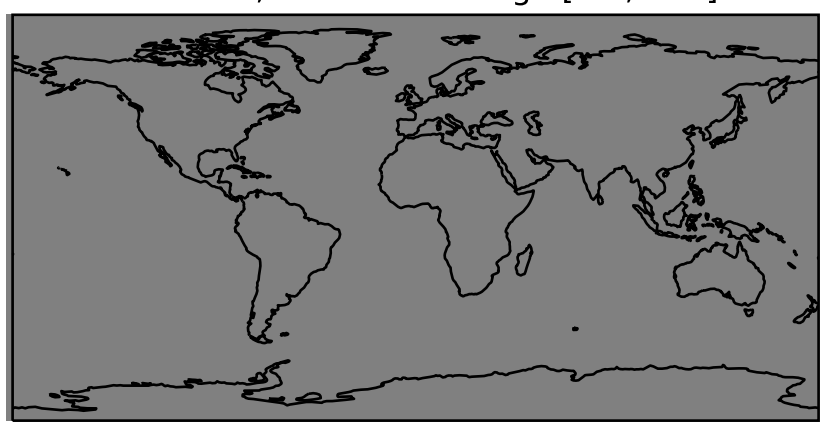




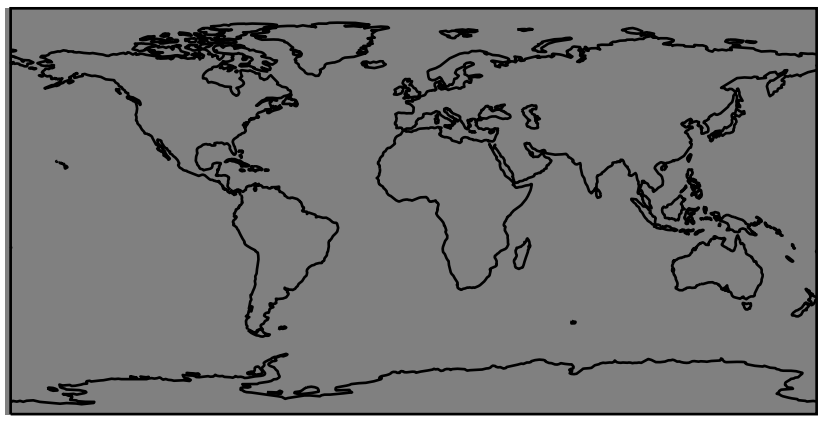
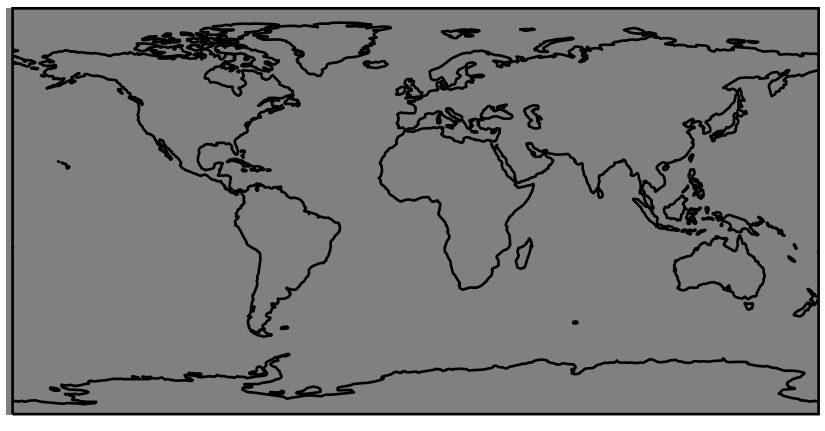
Difference
Dev - Ref, Dynamic Range



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



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



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