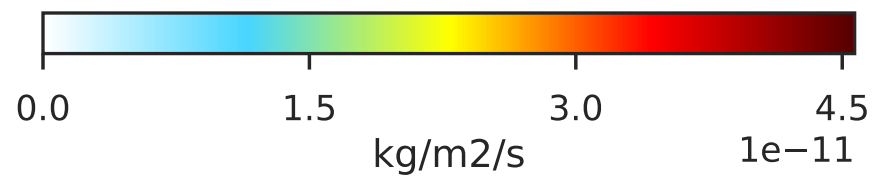# EmisACET_Biogenic (Jul2019)
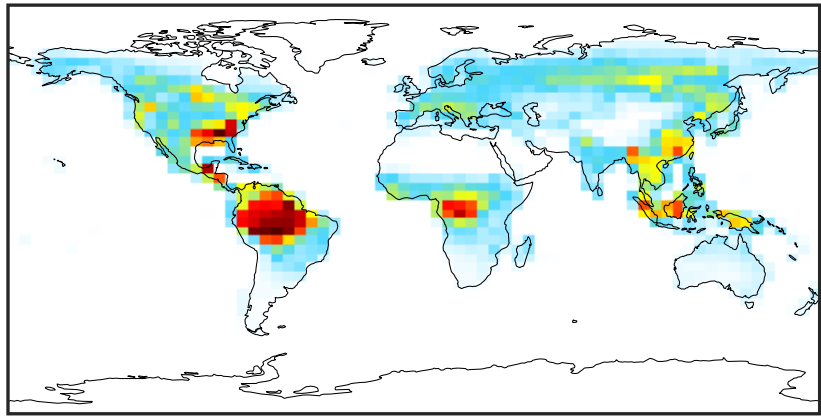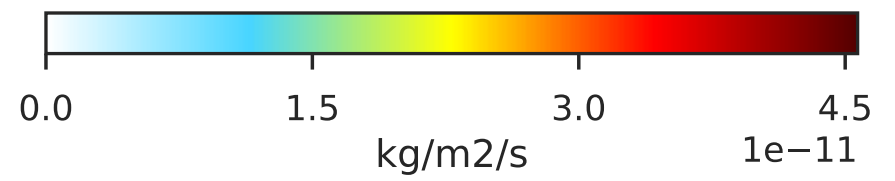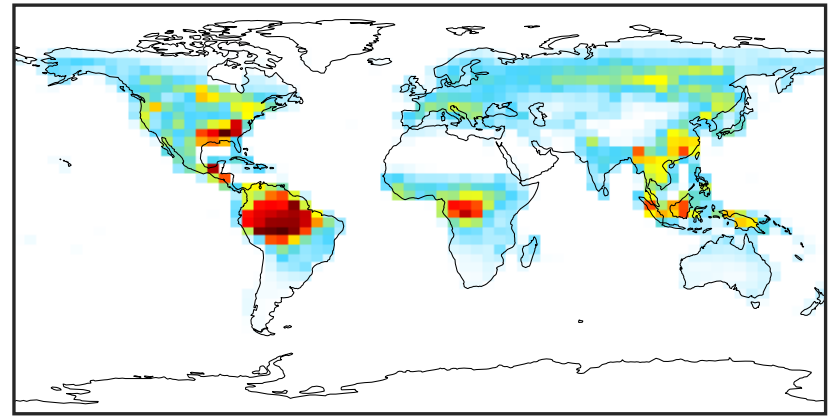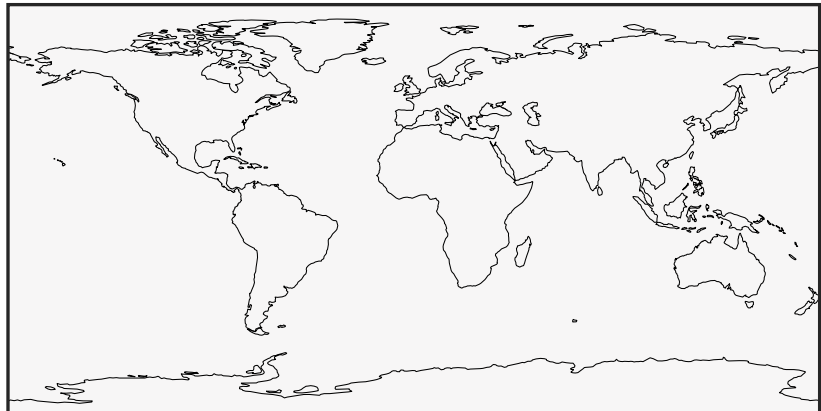
14.2.0-rc.2 (Ref)
4.0x5.0

14.3.0-rc.0 (Dev)
4.0x5.0

kg/m2/s

kg/m2/s

Difference
Dev - Ref, Dynamic Range

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

Zero throughout domain
kg/m2/s

Zero throughout domain
kg/m2/s

Ratio
Dev/Ref, Dynamic Range
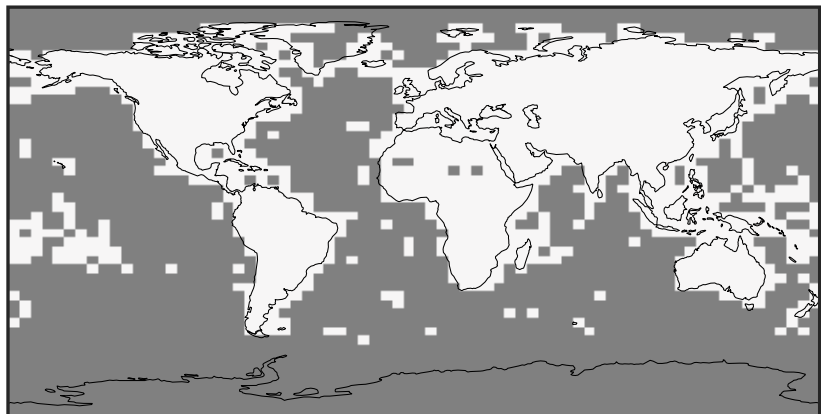
Ratio
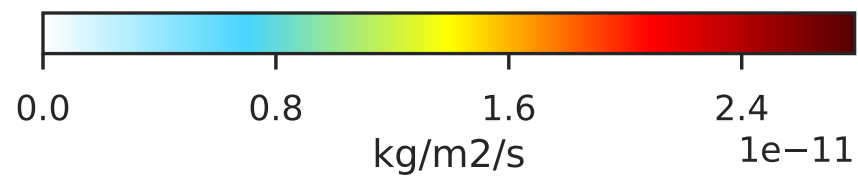### Dev/Ref, Fixed Range

Ref and Dev equal throughout domain
unitless
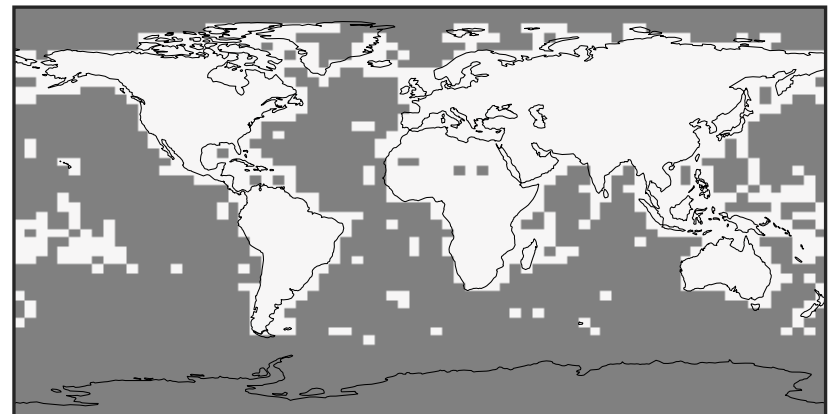
Ref and Dev equal throughout domain
unitless

EmisALD2_Biogenic (Jul2019)
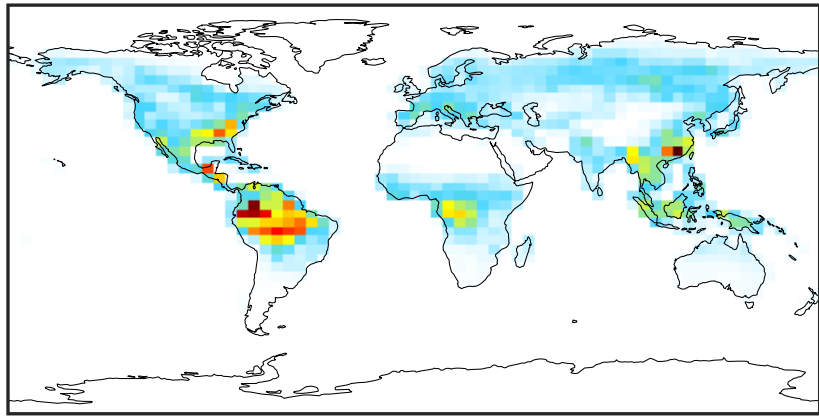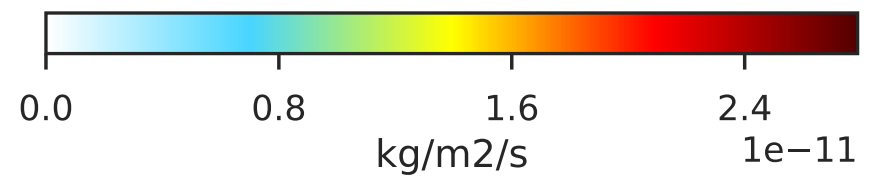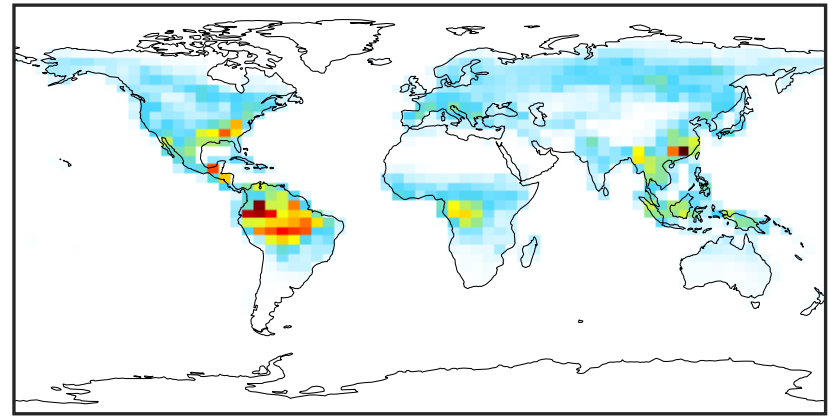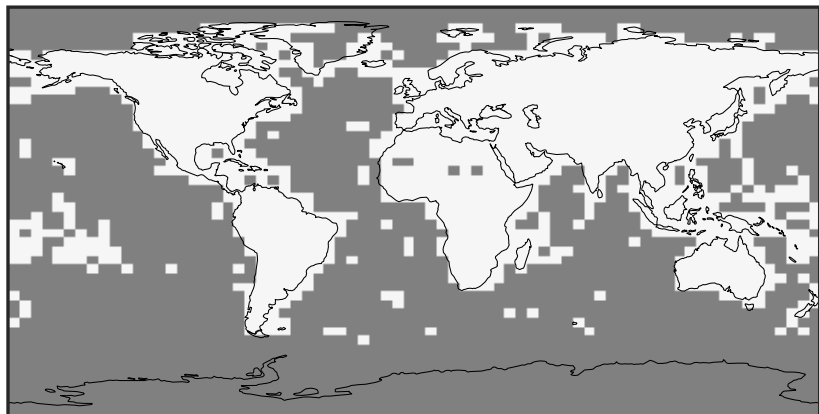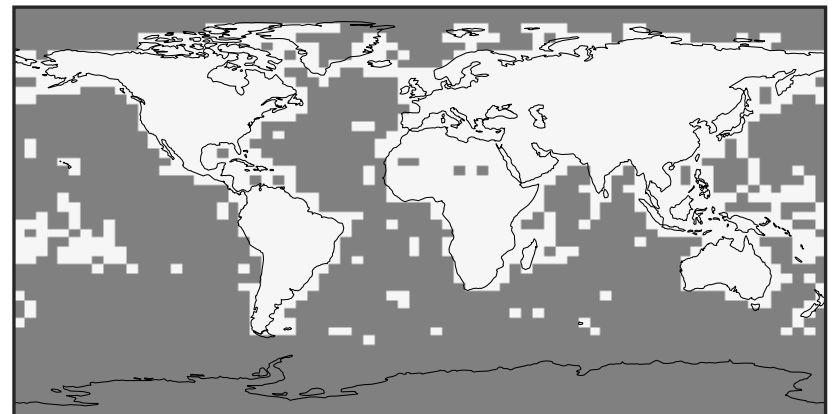
EmisC2H4_Biogenic (Jul2019)
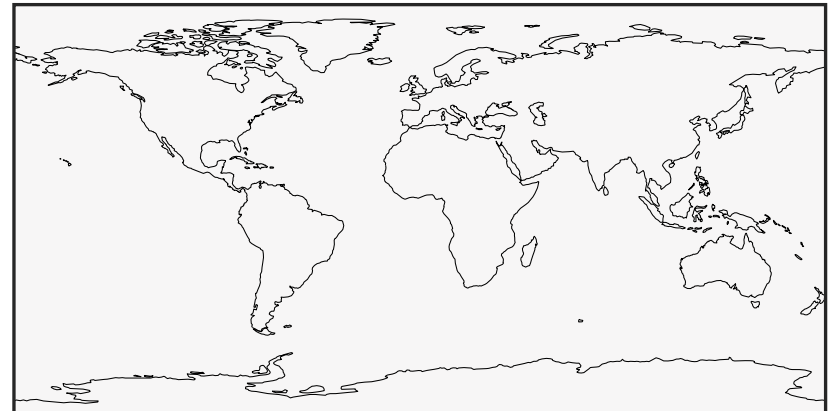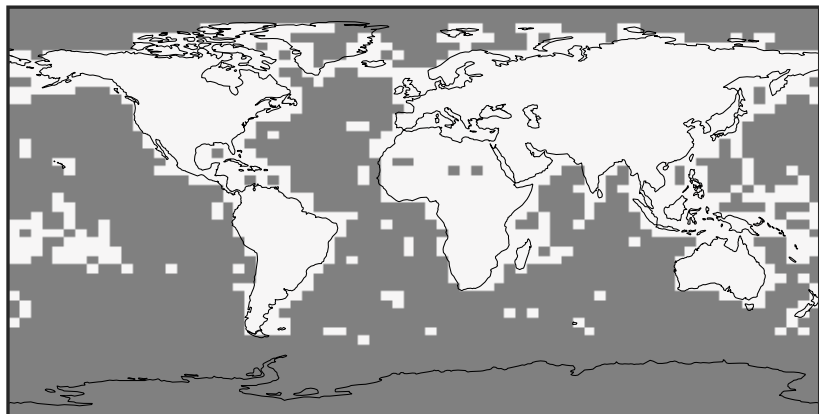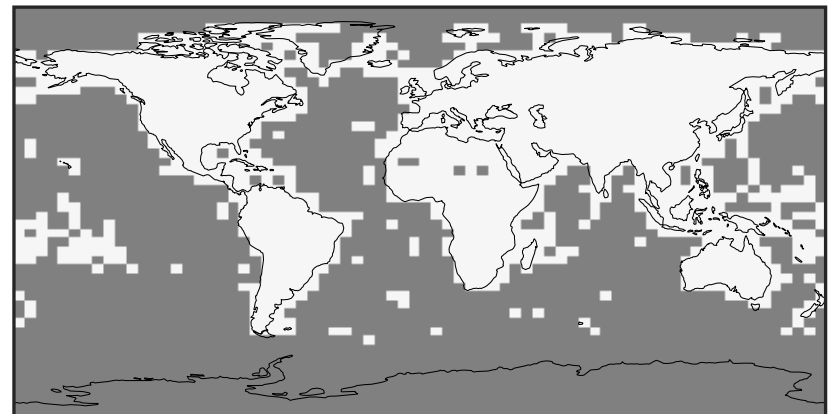
EmisEOH_Biogenic (Jul2019)

14.2.0-rc.2 (Ref)
4.0x5.0

14.3.0-rc.0 (Dev)
4.0x5.0

kg/m2/s

kg/m2/s

Difference
Dev - Ref, Dynamic Range

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

Zero throughout domain
kg/m2/s

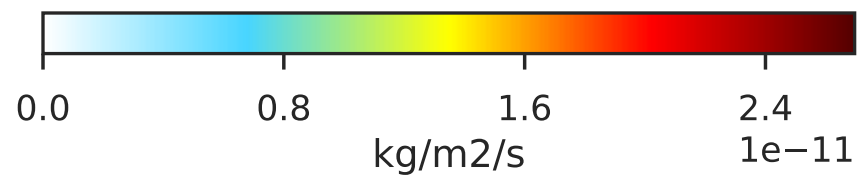Zero throughout domain
kg/m2/s

Ratio
Dev/Ref, Dynamic Range

Ratio
Dev/Ref, Fixed Range

Ref and Dev equal throughout domain
unitless

Ref and Dev equal throughout domain
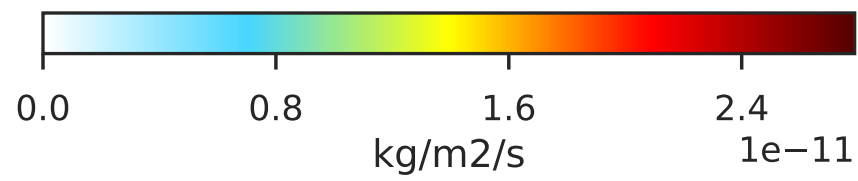unitless

EmisISOP_Biogenic (Jul2019)
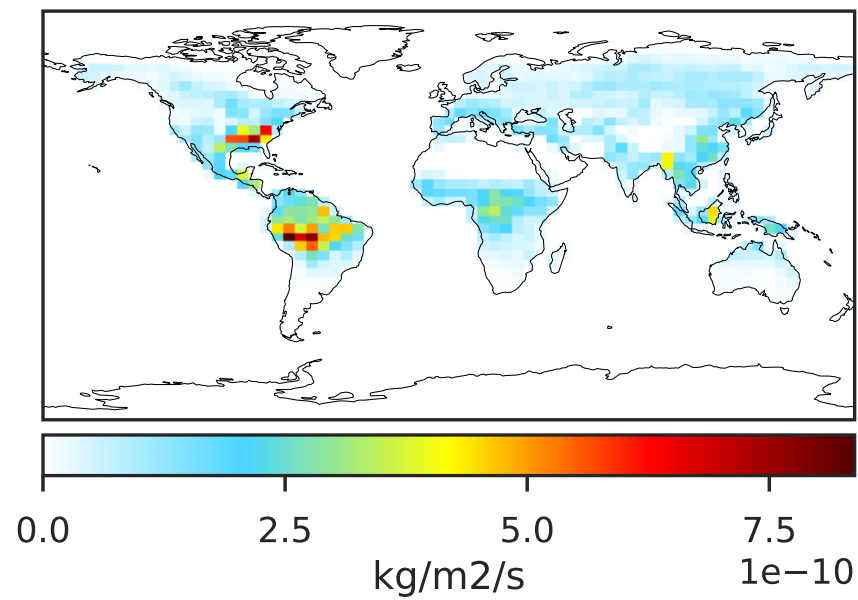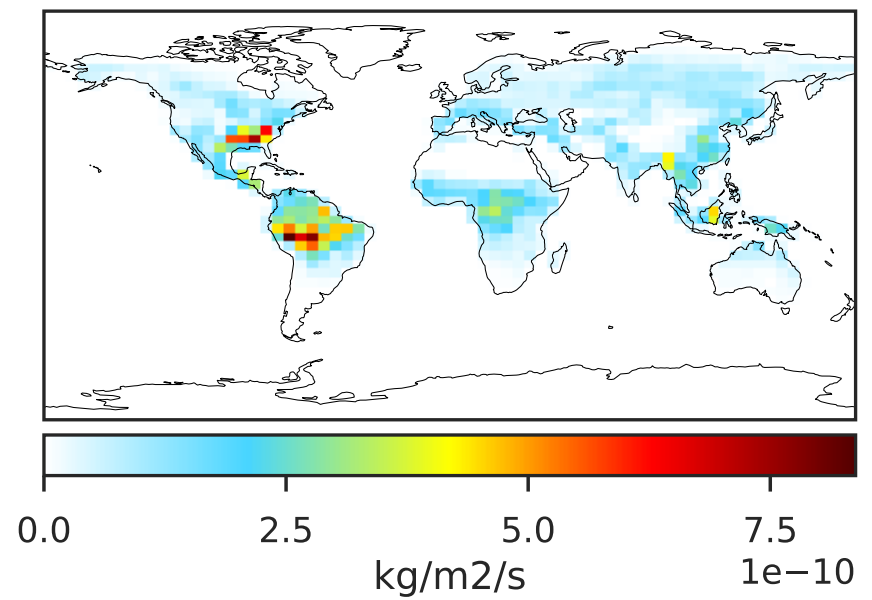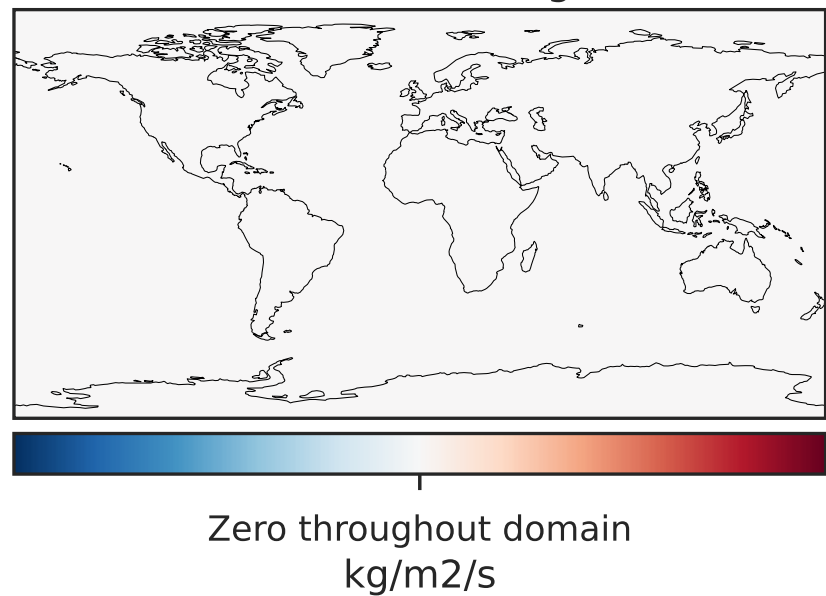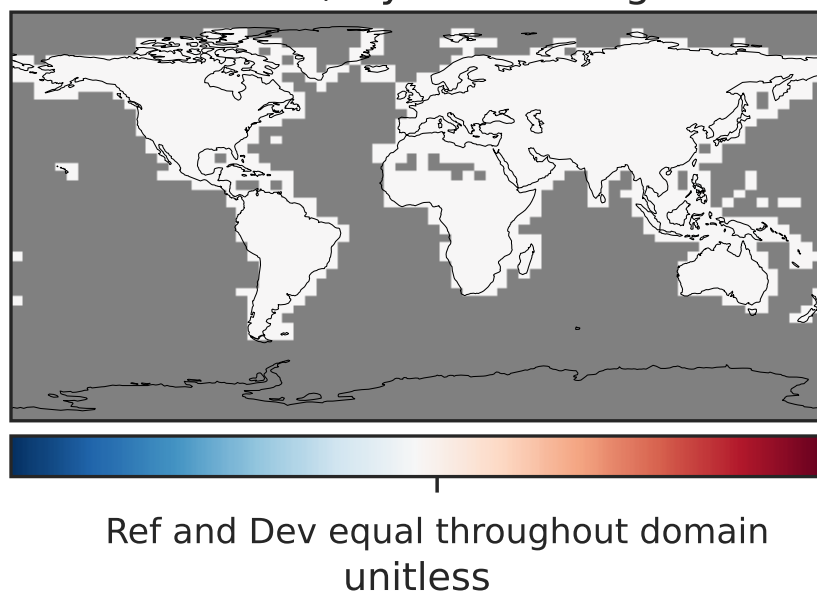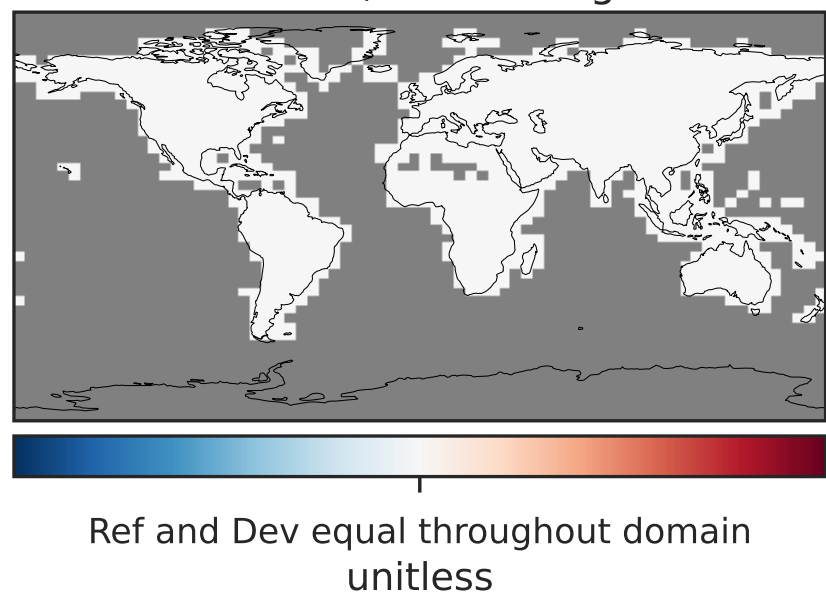
EmisLIMO_Biogenic (Jul2019)
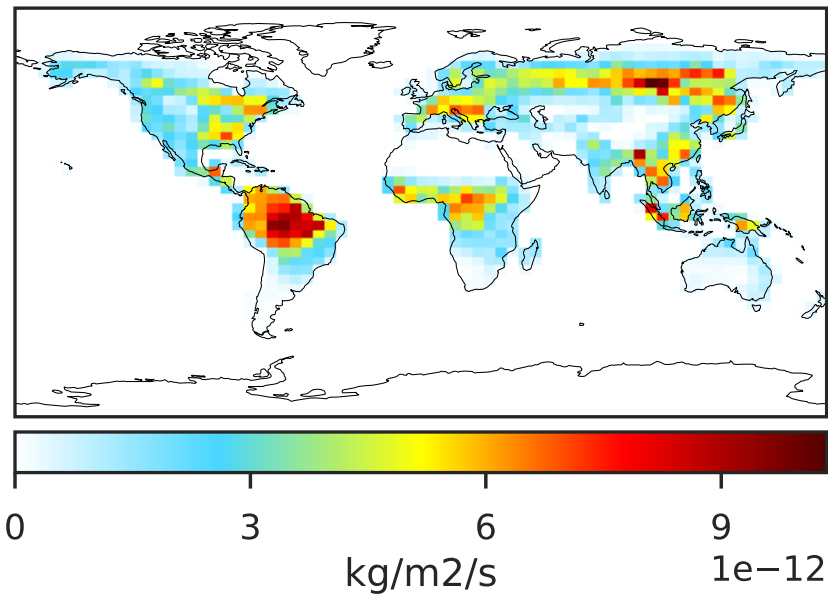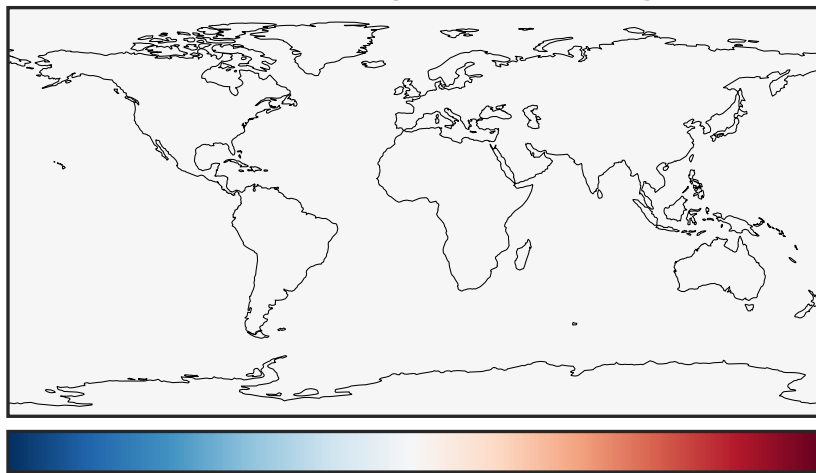
14.2.0-rc.2 (Ref)
4.0x5.0

14.3.0-rc.0 (Dev)
4.0x5.0

kg/m2/s 1e−12

kg/m2/s 1e−12

Difference
Dev - Ref, Dynamic Range

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

Zero throughout domain
kg/m2/s

Zero throughout domain
kg/m2/s

Ratio
Dev/Ref, Dynamic Range

Ratio
Dev/Ref, Fixed Range

Ref and Dev equal throughout domain
unitless

Ref and Dev equal throughout domain
unitless

EmisMOH_Biogenic (Jul2019)
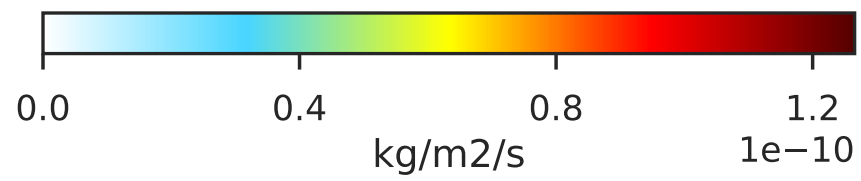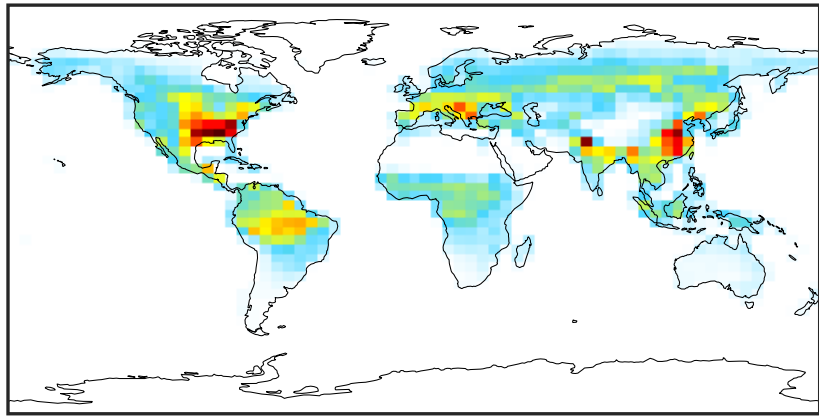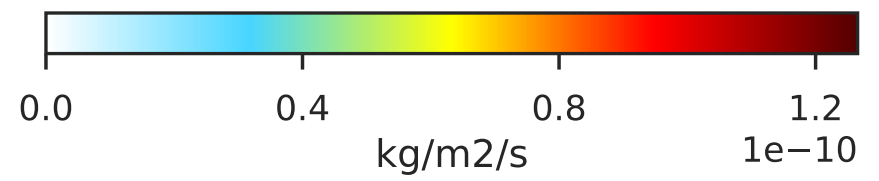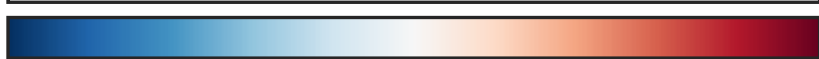
EmisMTPA_Biogenic (Jul2019)
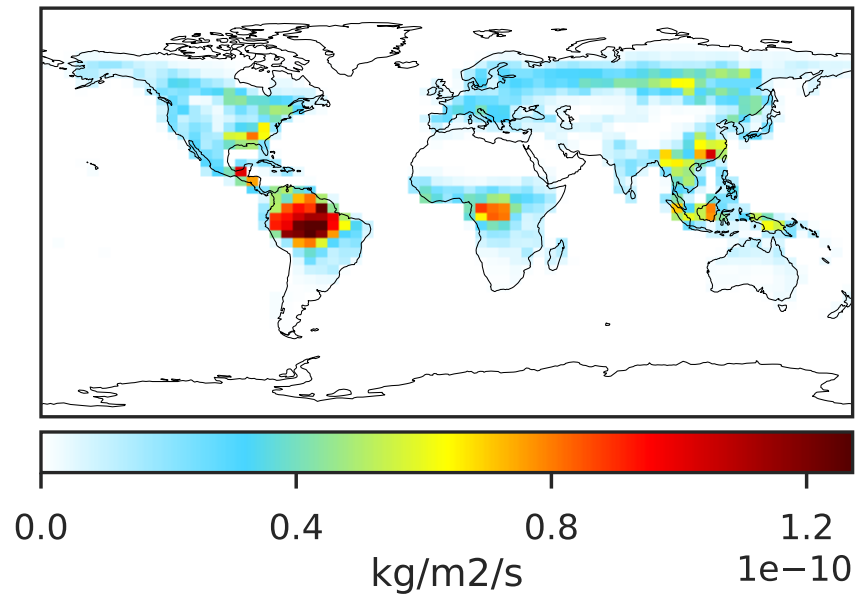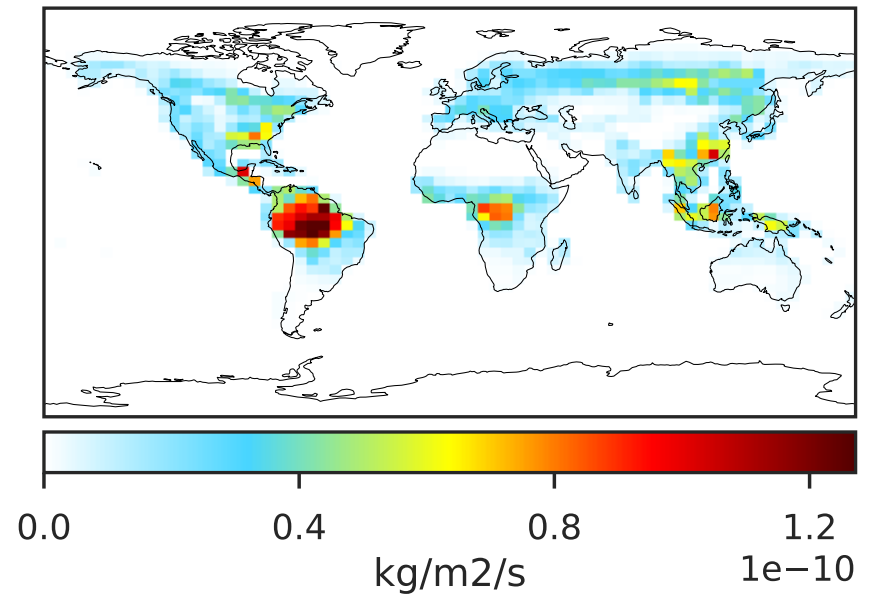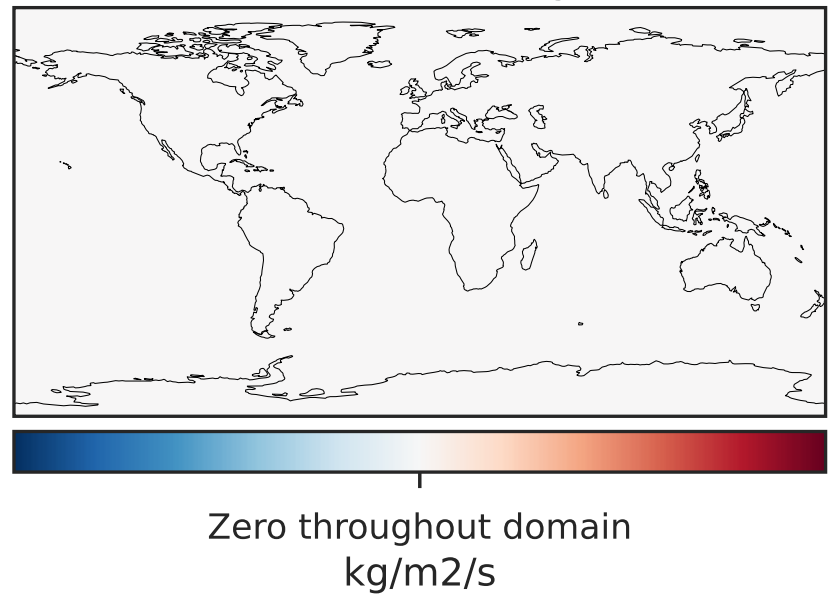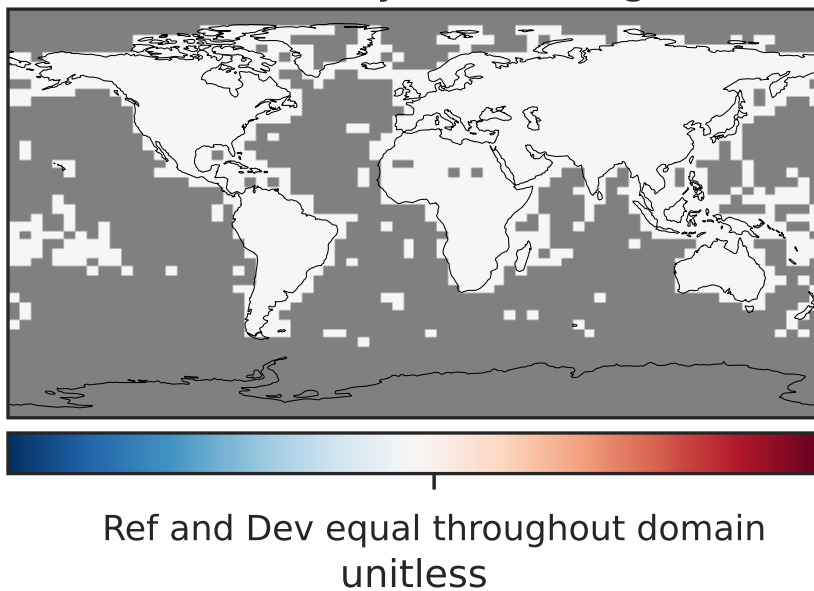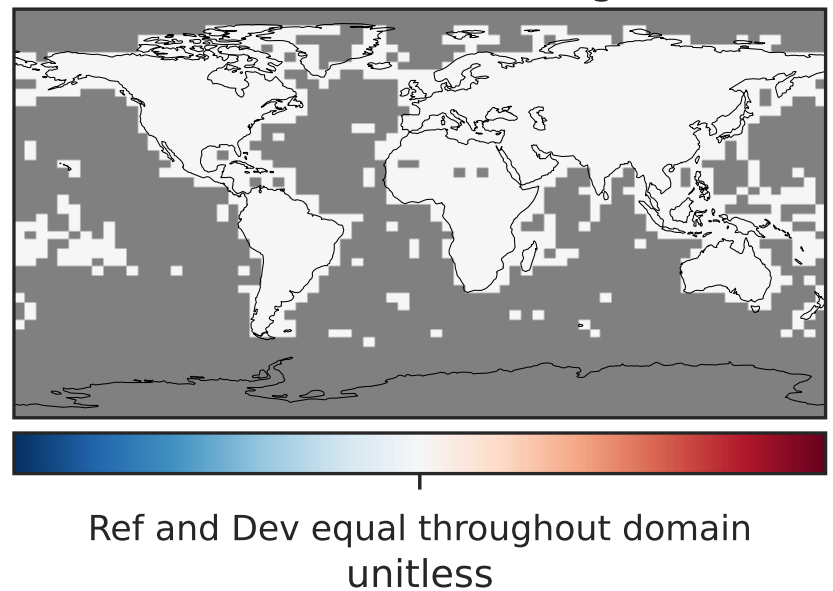
EmisMTPO_Biogenic (Jul2019)
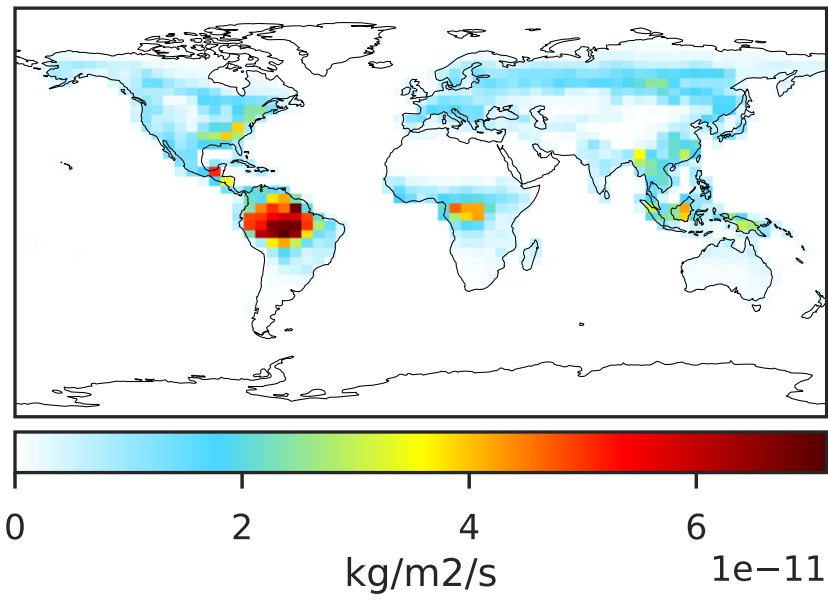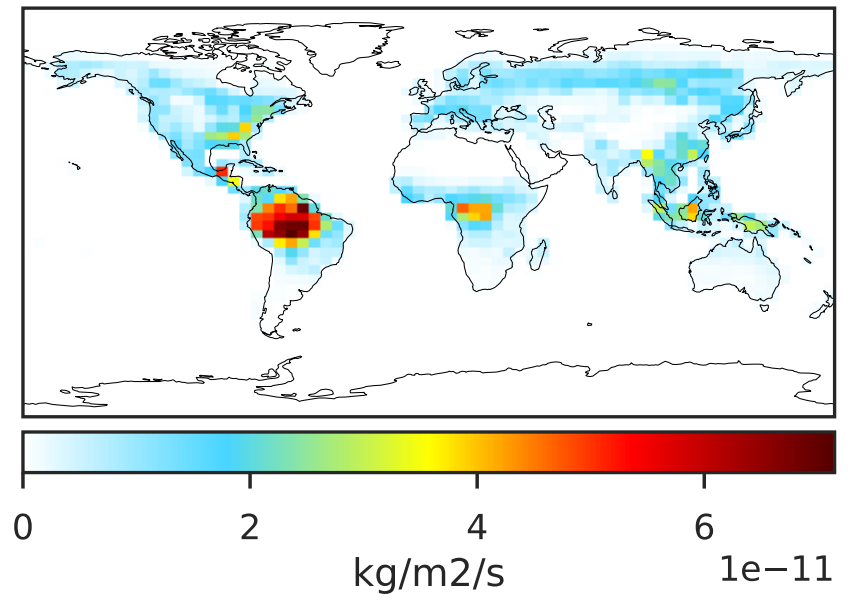
14.2.0-rc.2 (Ref)	14.3.0-rc.0 (Dev)
4.0x5.0	4.0x5.0

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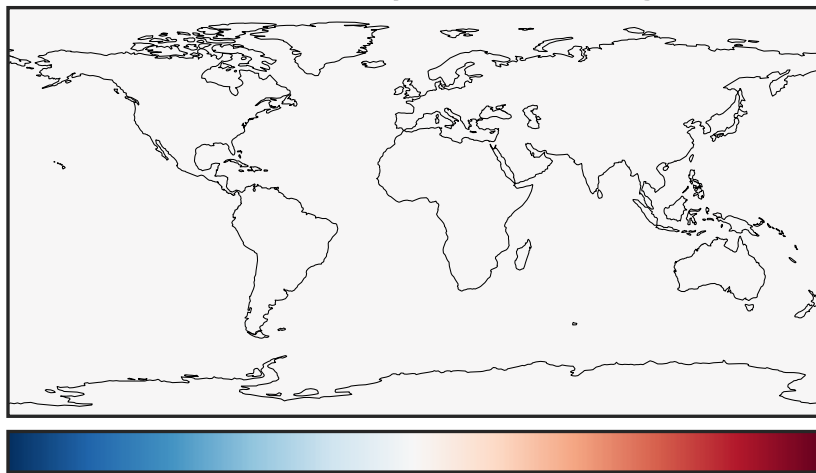
Difference
Dev - Ref, Restricted Range [5%,95%]

Zero throughout domain
kg/m2/s

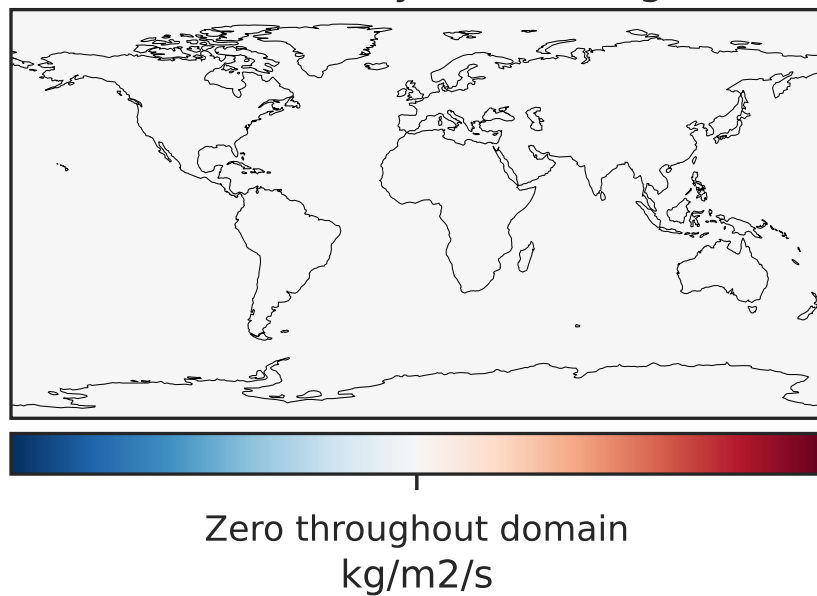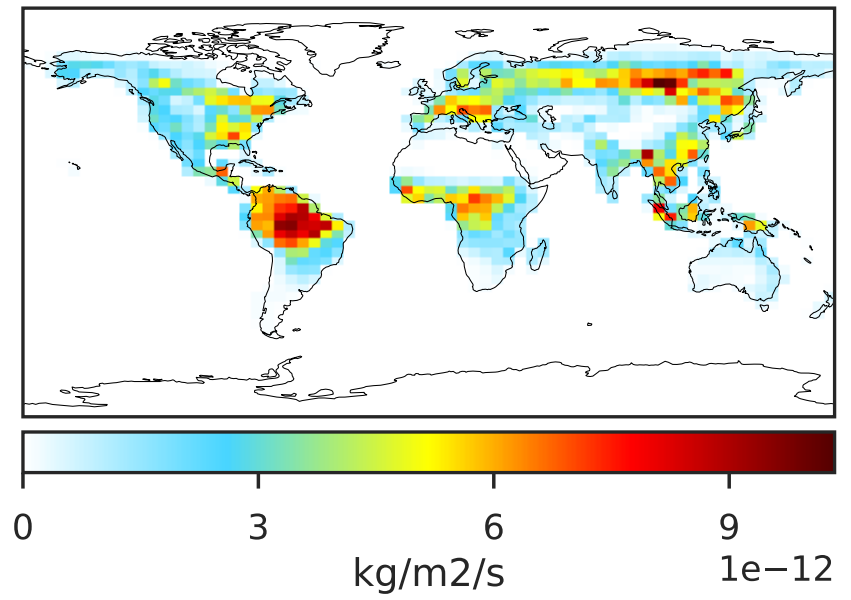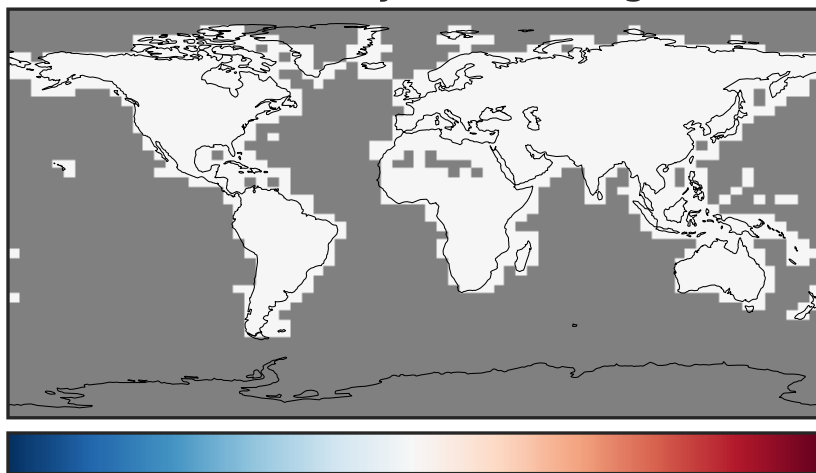Zero throughout domain
kg/m2/s

Ratio
Dev/Ref, Dynamic Range

Ratio
Dev/Ref, Fixed Range

Ref and Dev equal throughout domain
unitless
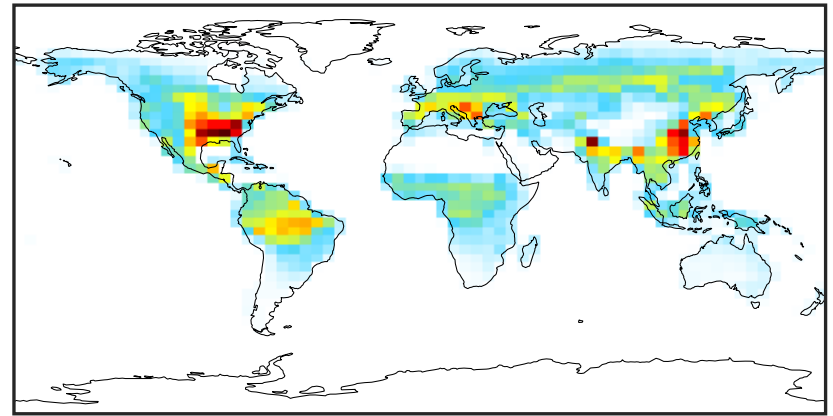
Ref and Dev equal throughout domain
unitless
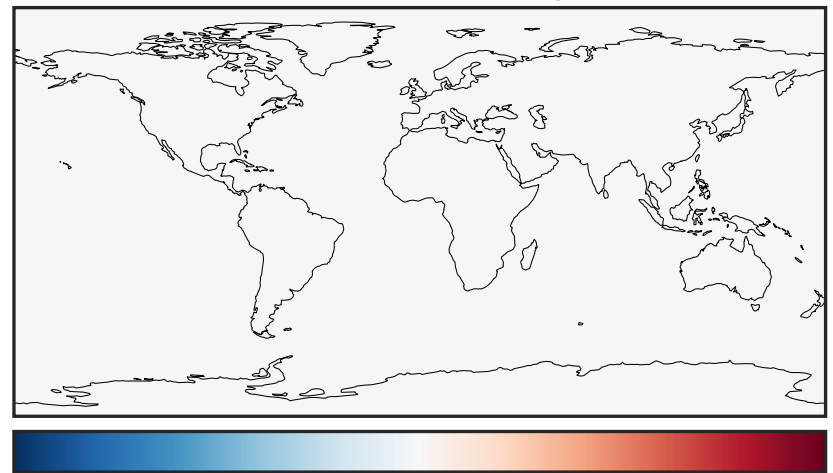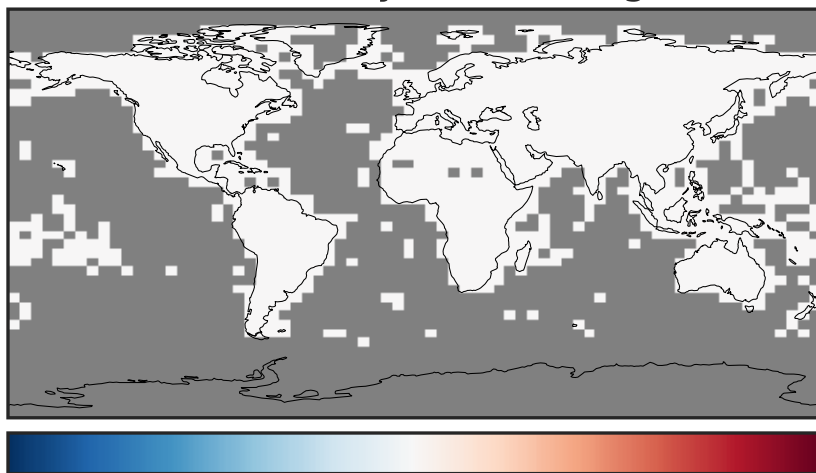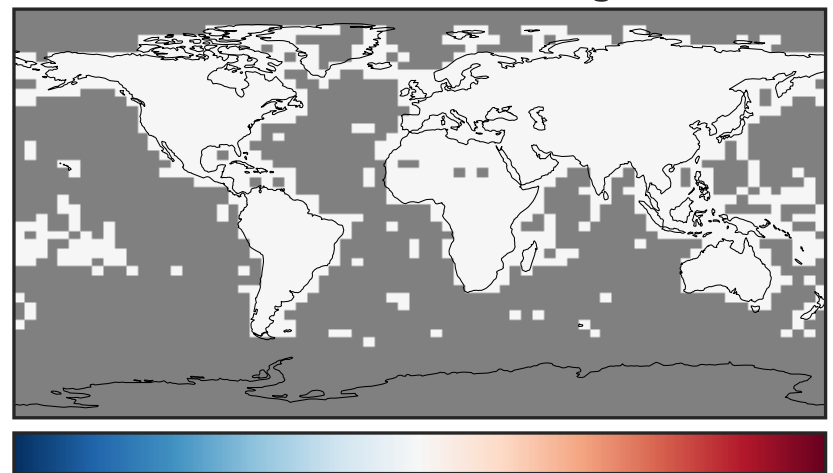
EmisPRPE_Biogenic (Jul2019)
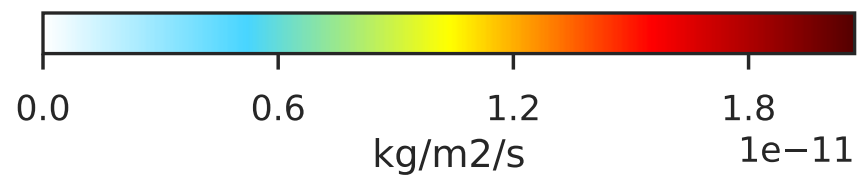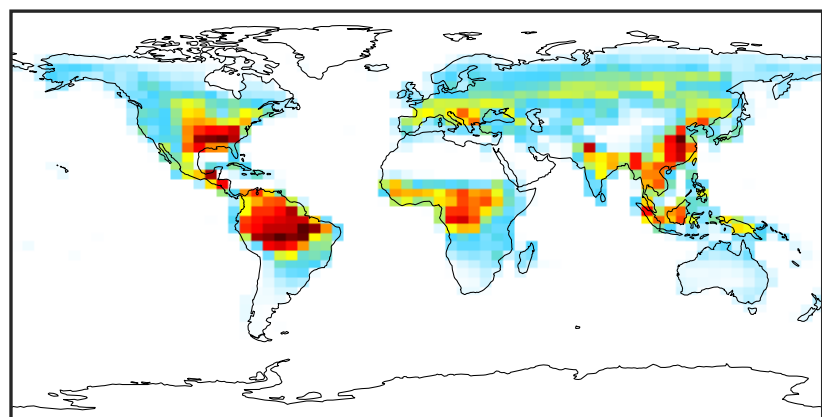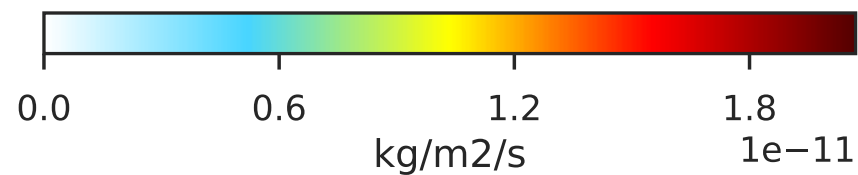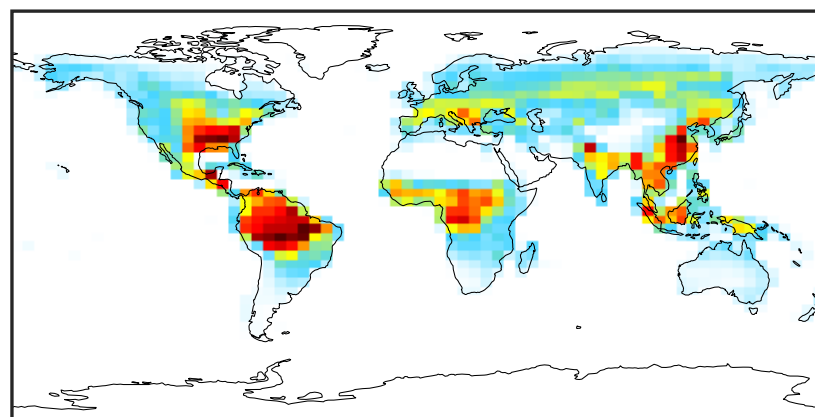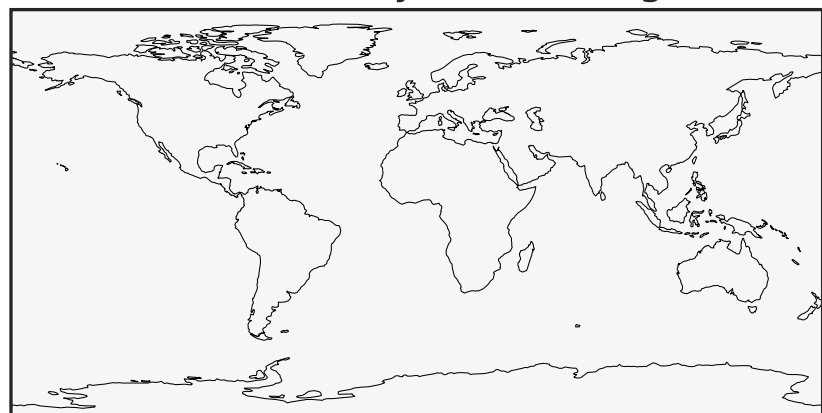
14.2.0-rc.2 (Ref)
4.0x5.0

14.3.0-rc.0 (Dev)
4.0x5.0

kg/m2/s

kg/m2/s

Difference
Dev - Ref, Dynamic Range

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

Zero throughout domain
kg/m2/s

Zero throughout domain
kg/m2/s

Ratio
Dev/Ref, Dynamic Range

Ratio
Dev/Ref, Fixed Range

Ref and Dev equal throughout domain
unitless

Ref and Dev equal throughout domain
unitless

EmisSOAP_Biogenic (Jul2019)
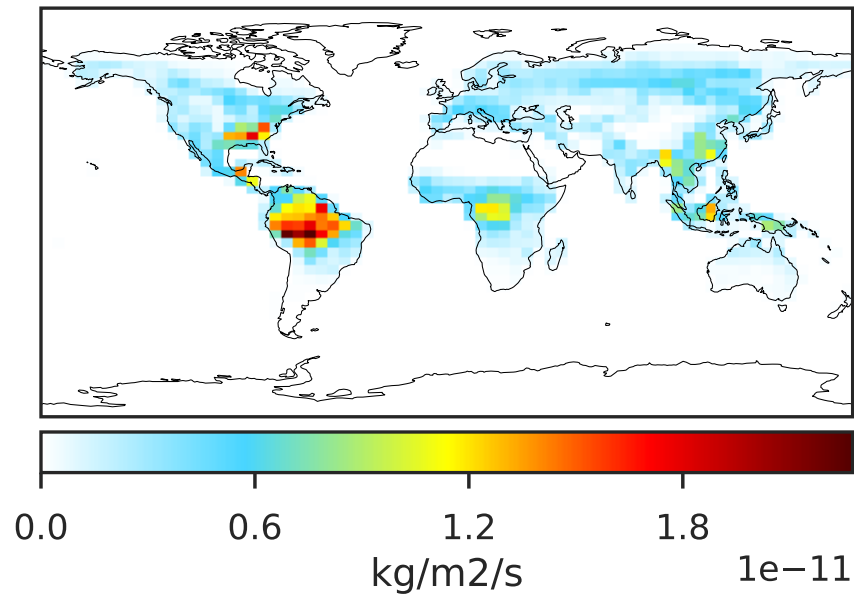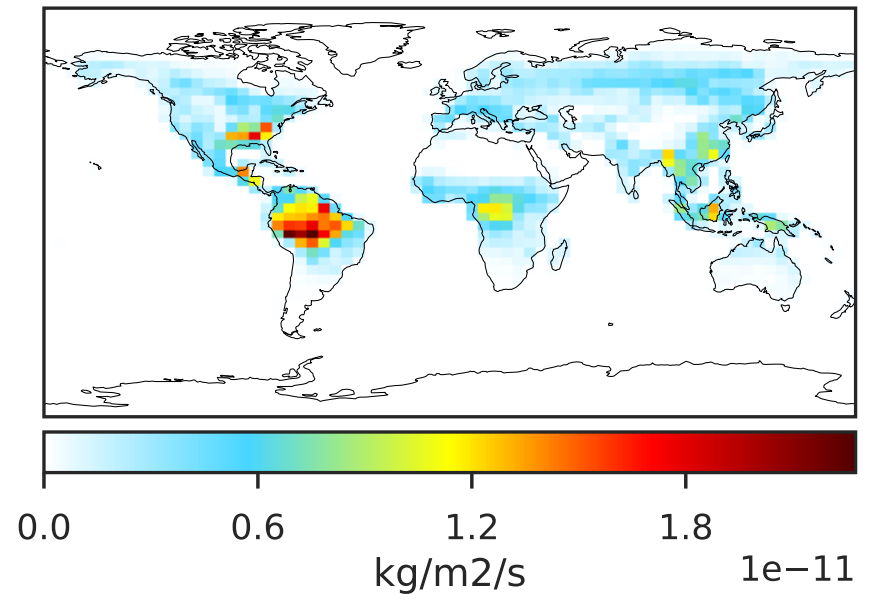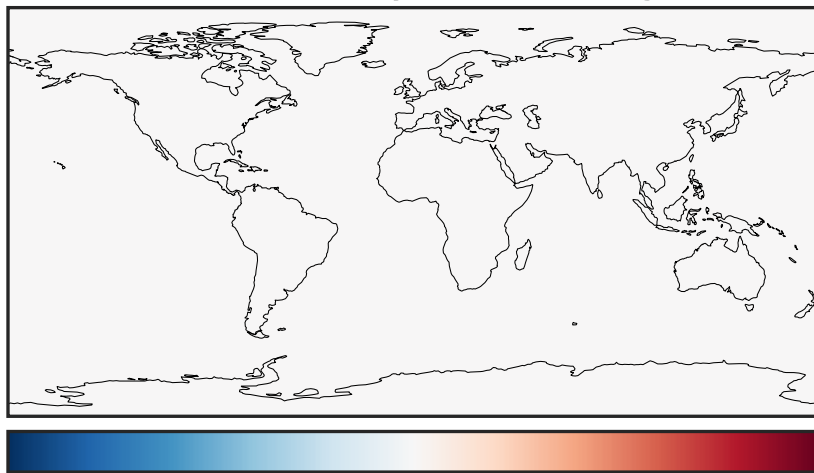
14.2.0-rc.2 (Ref)
4.0x5.0

kg/m2/s

14.3.0-rc.0 (Dev)
4.0x5.0

kg/m2/s

Difference
Dev - Ref, Dynamic Range

Zero throughout domain
kg/m2/s

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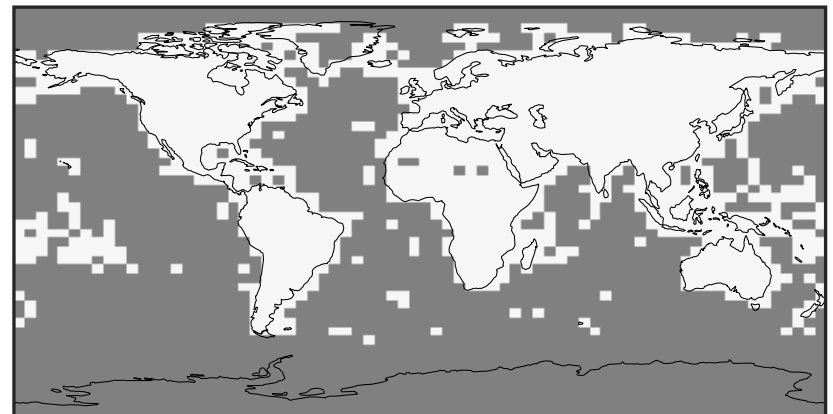

Zero throughout domain
kg/m2/s

Ratio
Dev/Ref, Dynamic Range


Ref and Dev equal throughout domain
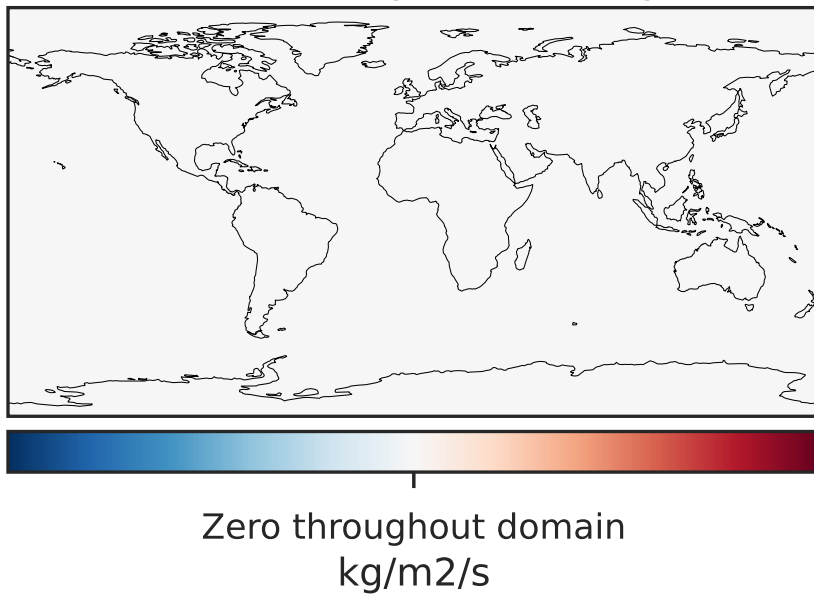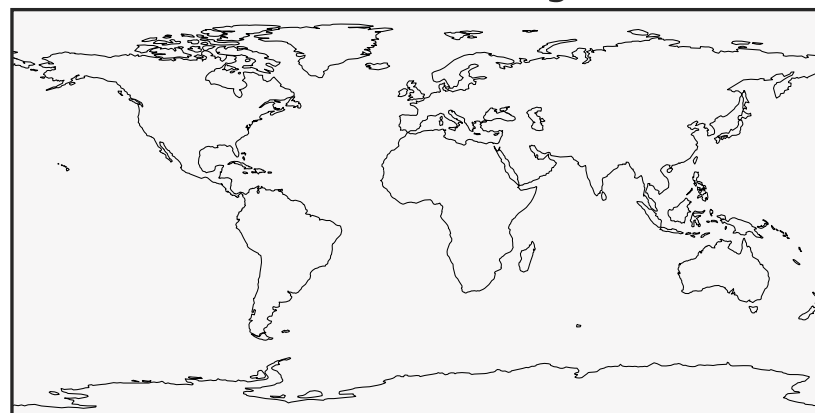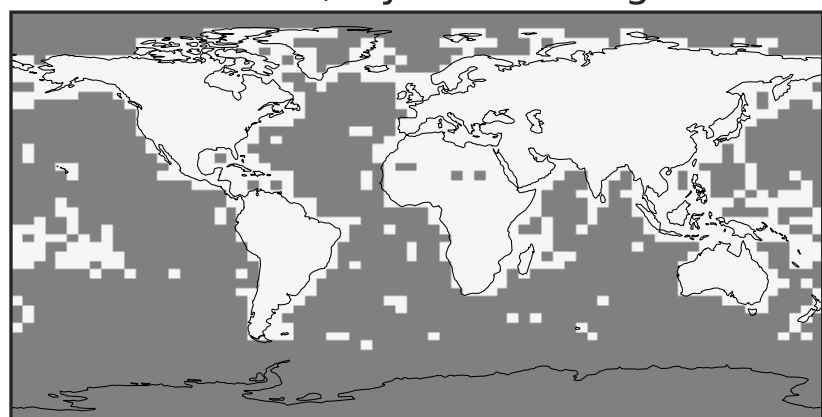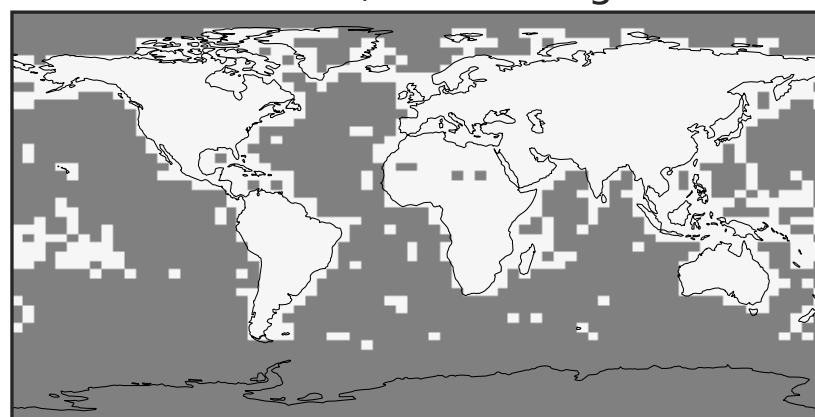unitless

Ratio
Dev/Ref, Fixed Range

Ref and Dev equal throughout domain
unitless
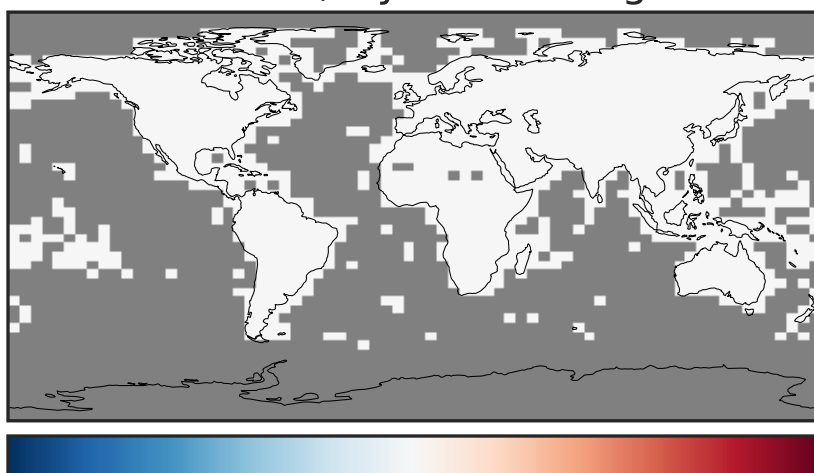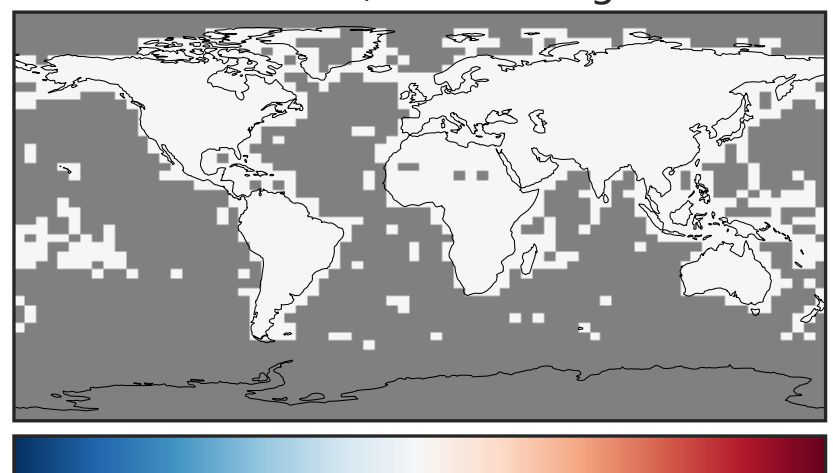
EmisSOAS_Biogenic (Jul2019)

14.2.0-rc.2 (Ref)
4.0x5.0

kg/m2/s

14.3.0-rc.0 (Dev)
4.0x5.0

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

Ratio
Dev/Ref, Dynamic Range


Ref and Dev equal throughout domain
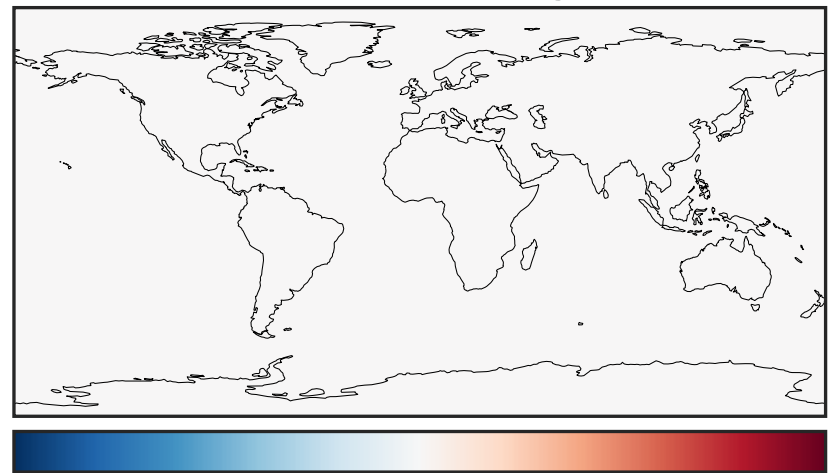unitless

Ratio
Dev/Ref, Fixed Range

Ref and Dev equal throughout domain
unitless