EmisO3_Ship

GC_12.8.0 (Ref)
4.0x5.0
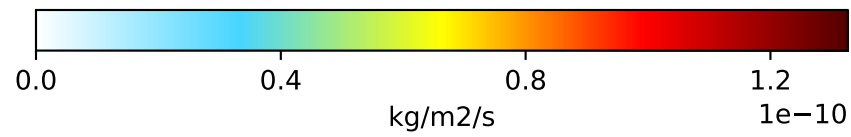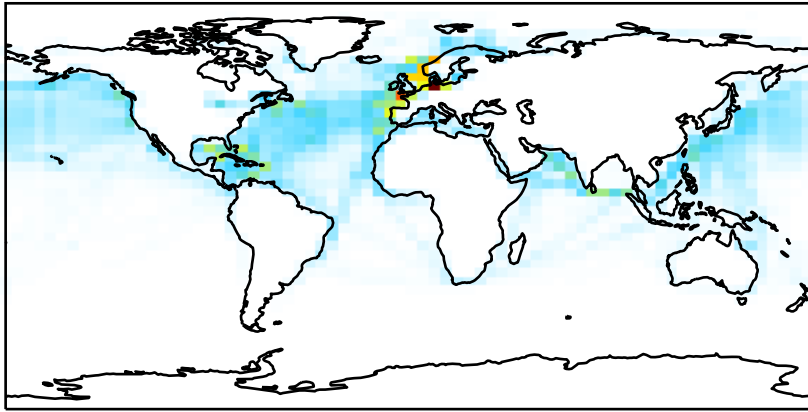
GC_12.8.0_LuoWetdep (Dev)
4.0x5.0
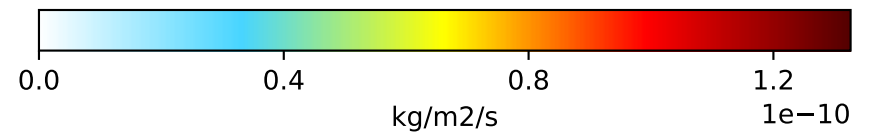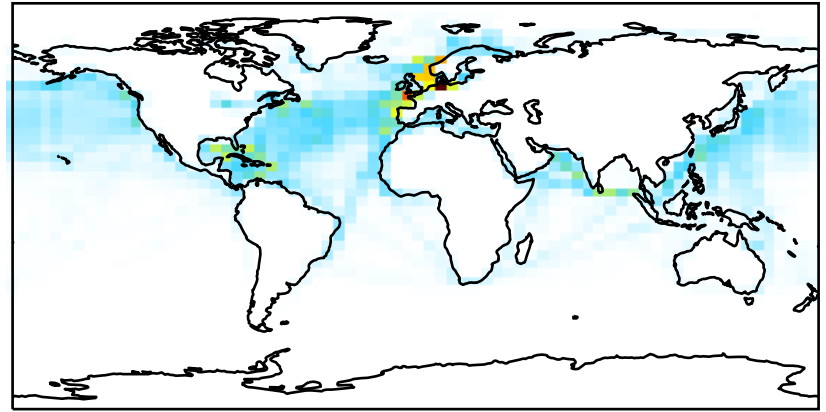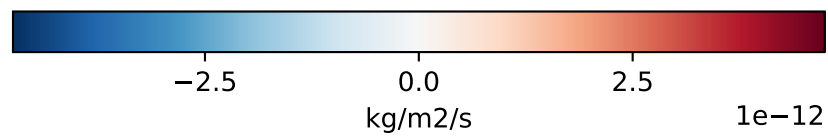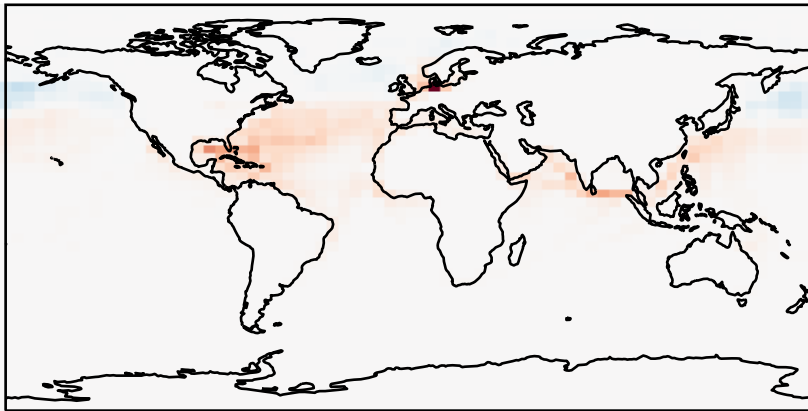
kg/m2/s

Difference
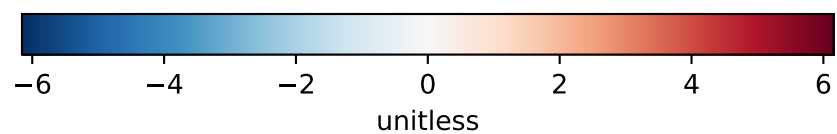### Dev - Ref, Dynamic Range

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

kg/m2/s

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

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

unitless
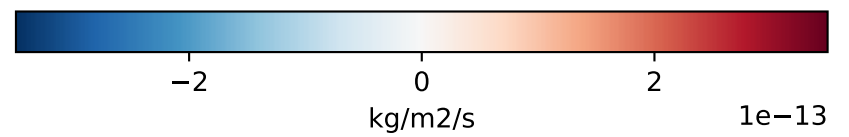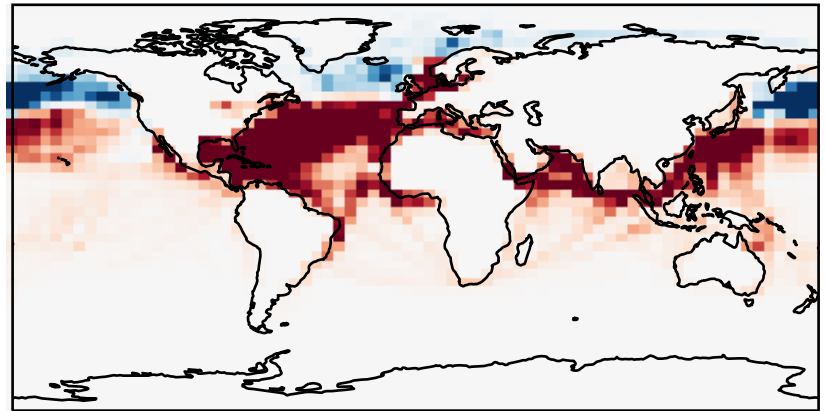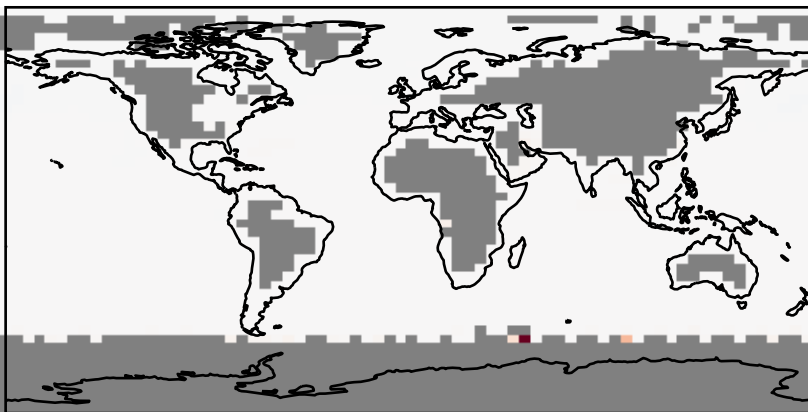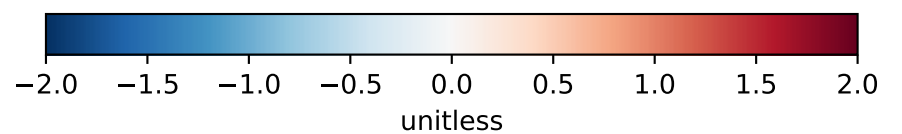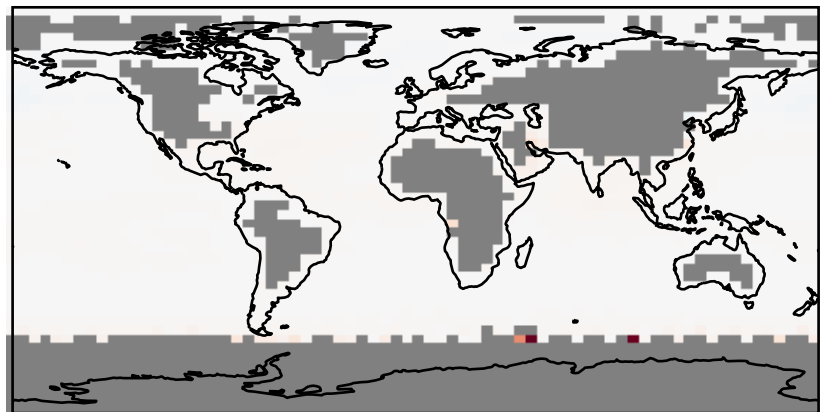
EmisCO_Aircraft

GC_12.8.0 (Ref)
4.0x5.0
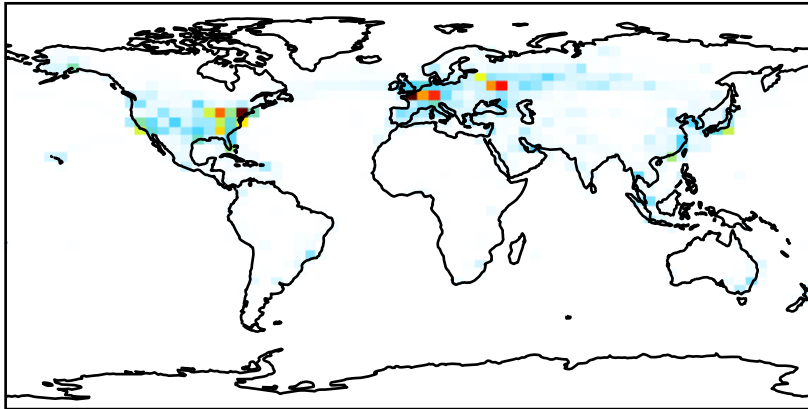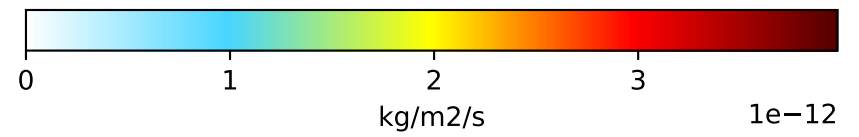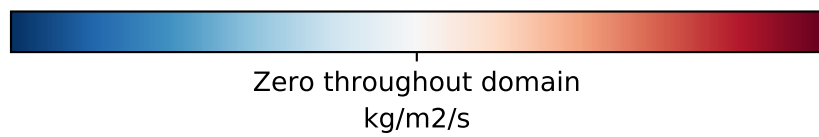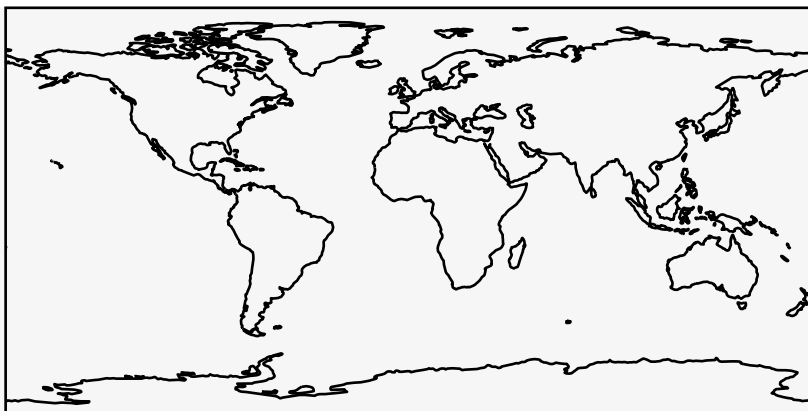
kg/m2/s

GC_12.8.0_LuoWetdep (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

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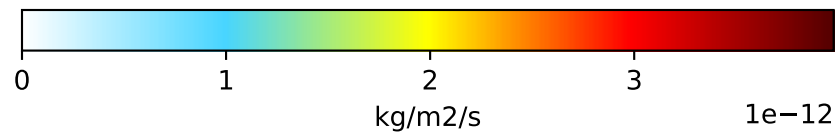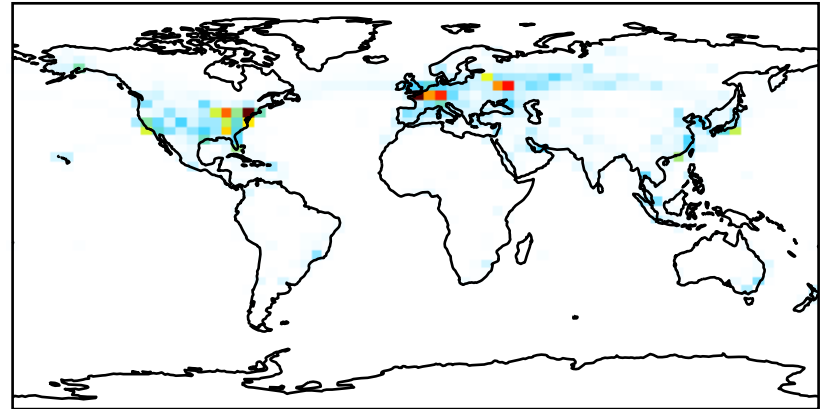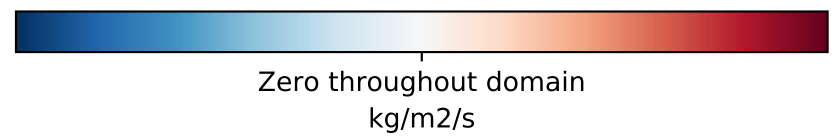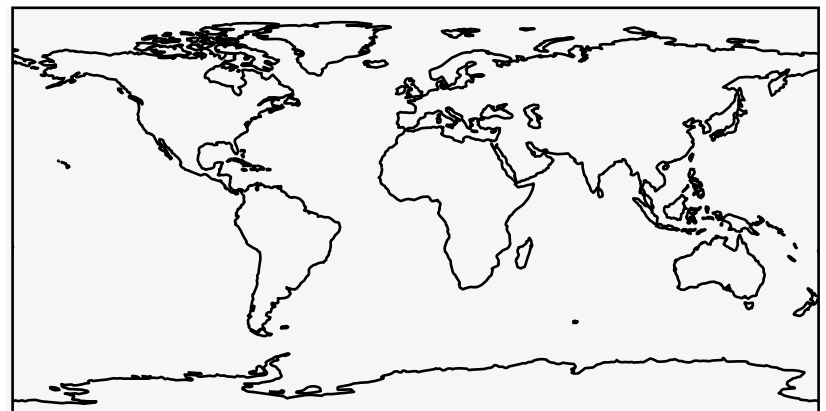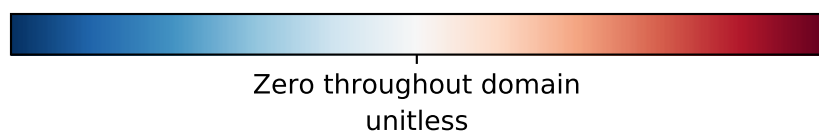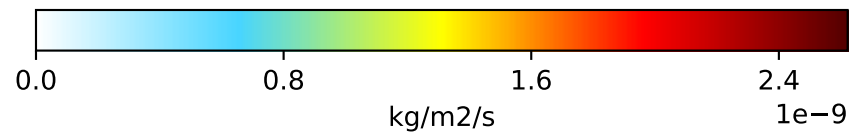### (Dev-Ref)/Ref, Dynamic Range

Zero throughout domain
unitless

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

Zero throughout domain
unitless
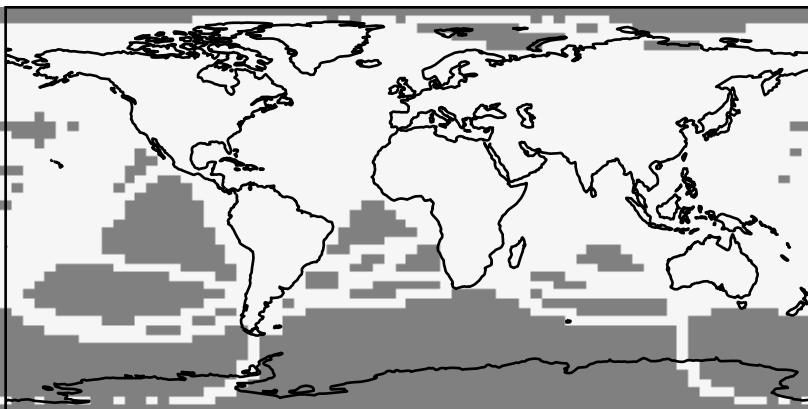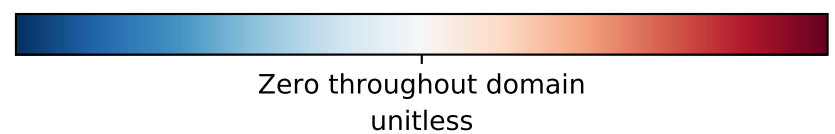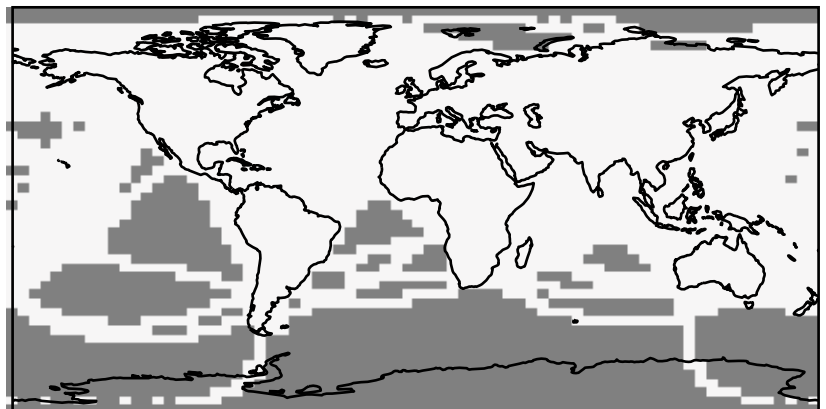
EmisCO_Anthro

GC_12.8.0 (Ref)
4.0x5.0
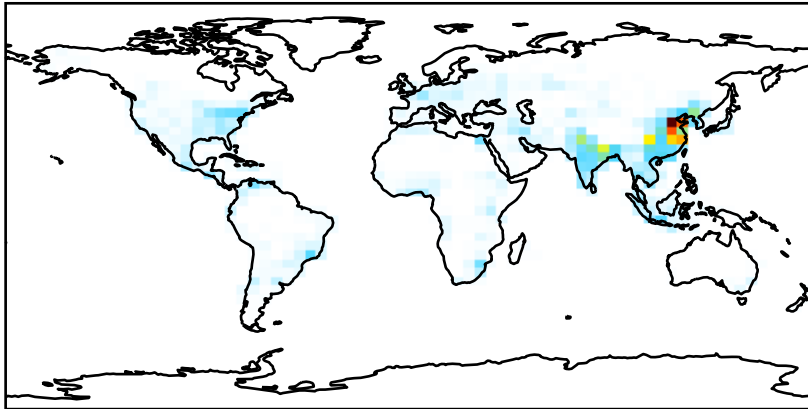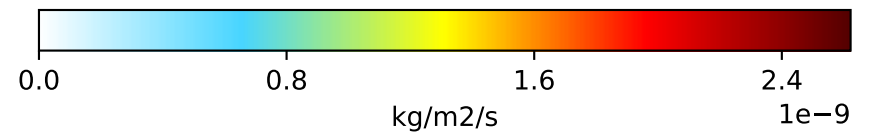
0.0   0.8   1.6   2.4
kg/m2/s   1e−9

GC_12.8.0_LuoWetdep (Dev)
4.0x5.0

0.0   0.8   1.6   2.4
kg/m2/s   1e−9

Difference
Dev - Ref, Dynamic Range

Zero throughout domain
kg/m2/s

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

Zero throughout domain
kg/m2/s

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

Zero throughout domain
unitless

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

Zero throughout domain
unitless
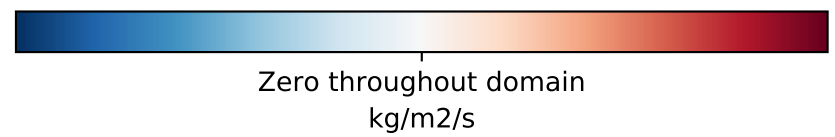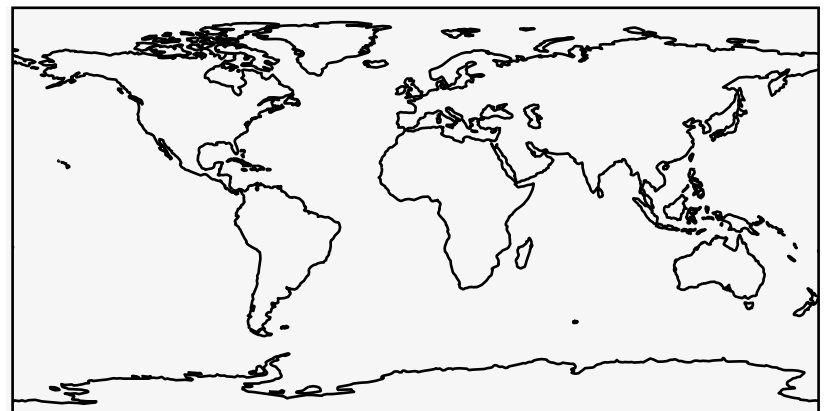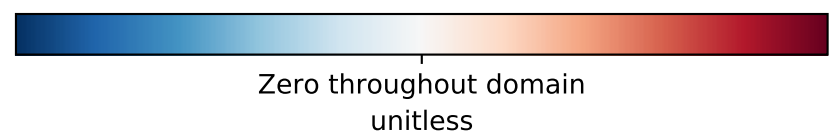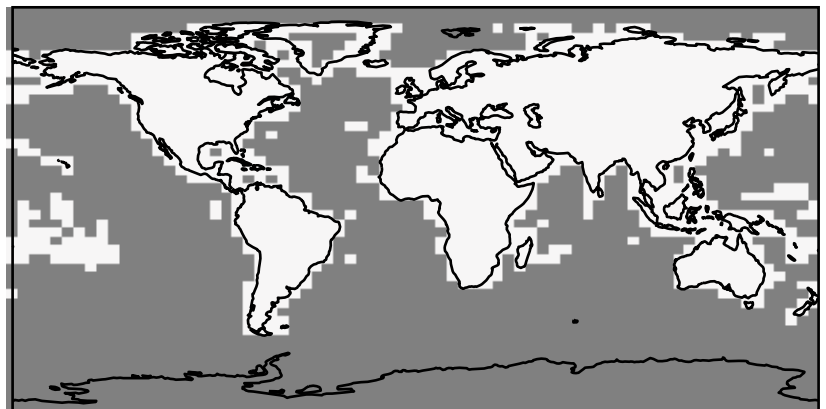
EmisCO_BioBurn

GC_12.8.0 (Ref)
4.0x5.0
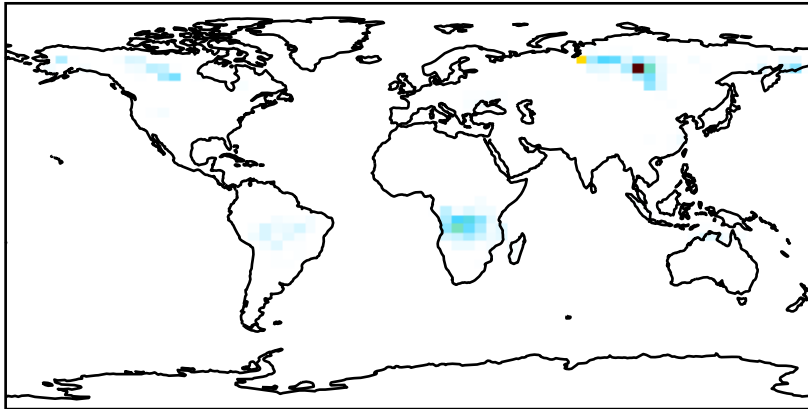
GC_12.8.0_LuoWetdep (Dev)
4.0x5.0

kg/m2/s

0.0   0.4   0.8   1.2
1e−8

Difference
Dev - Ref, Dynamic Range

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

Zero throughout domain
kg/m2/s

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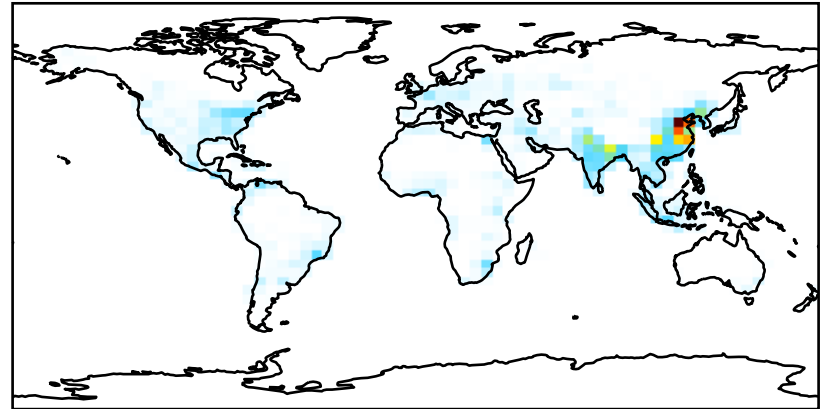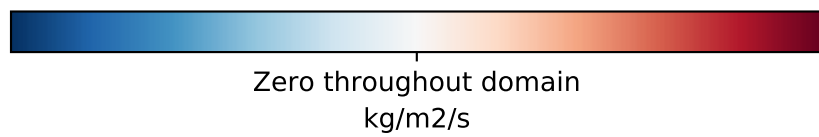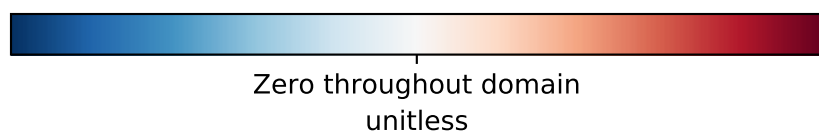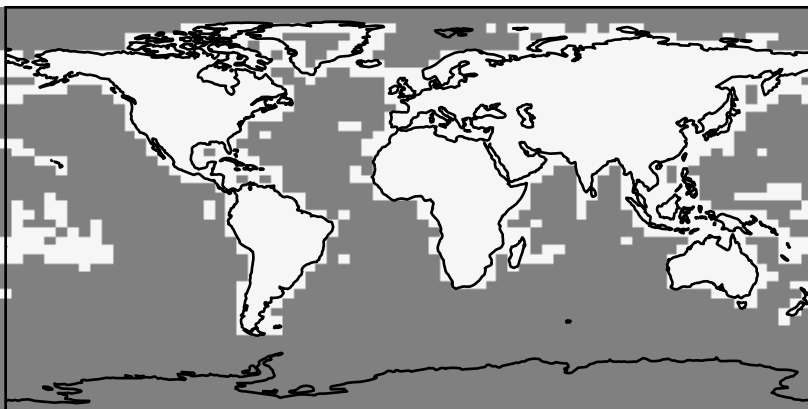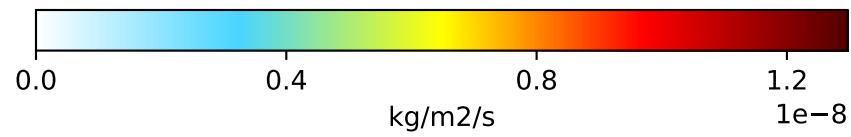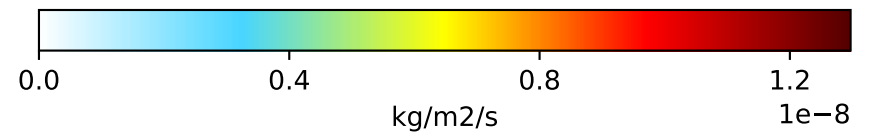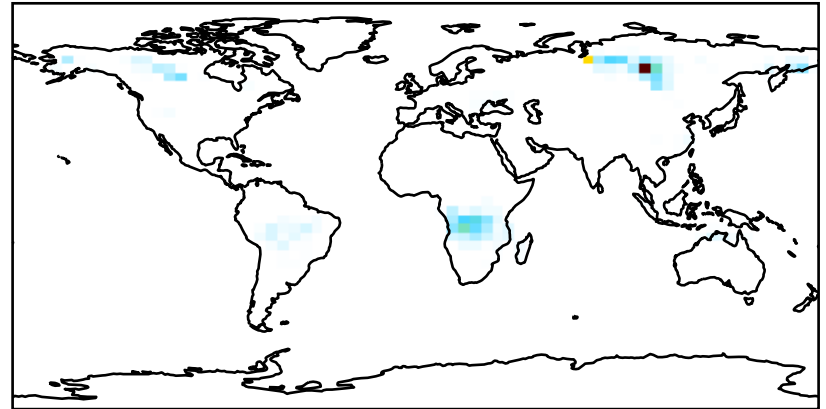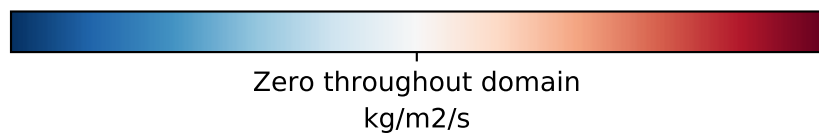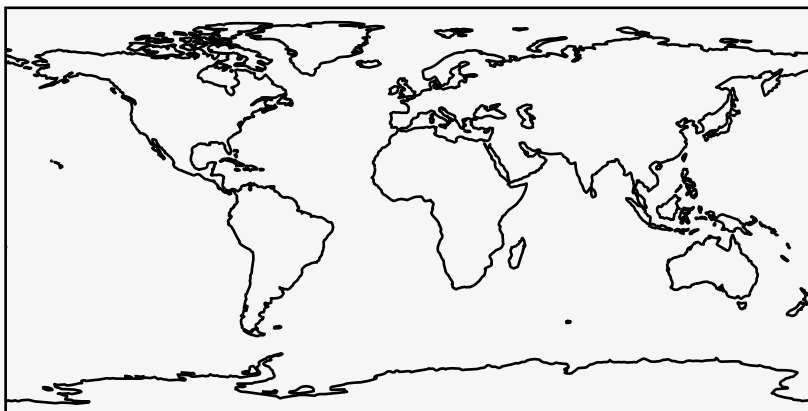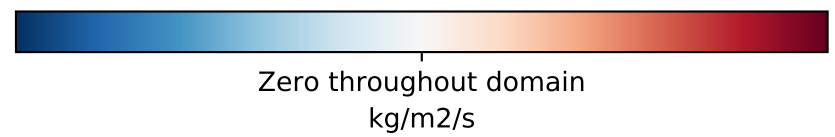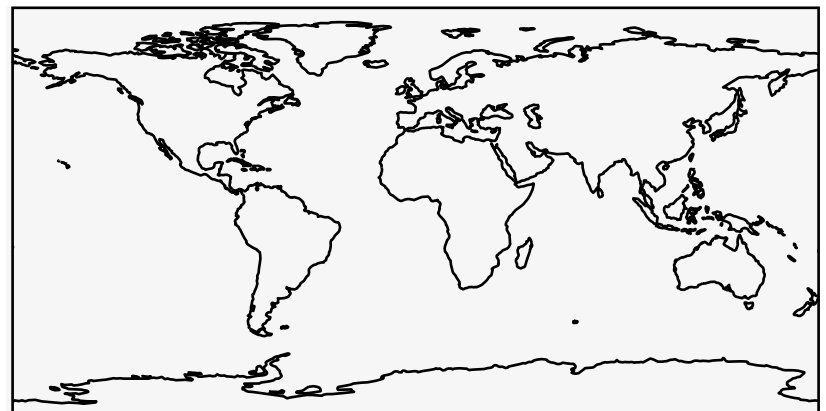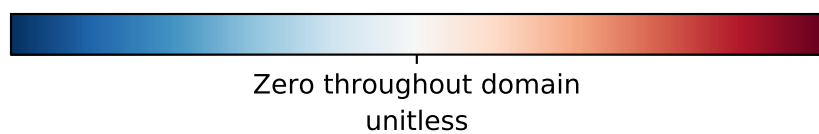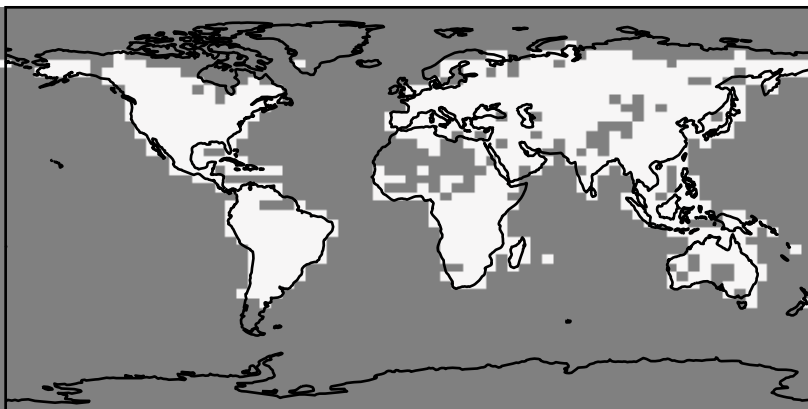(Dev-Ref)/Ref, Dynamic Range

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

Zero throughout domain
unitless
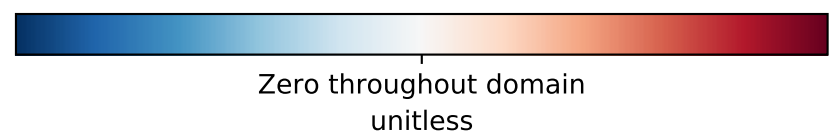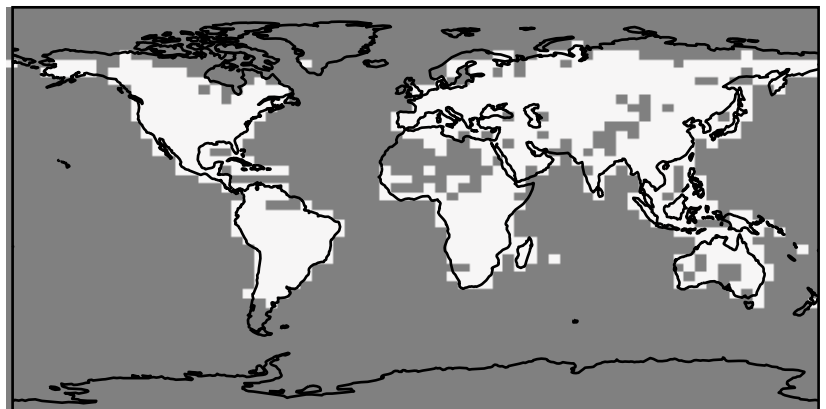
EmisCO_Ship
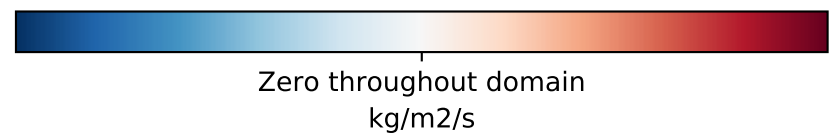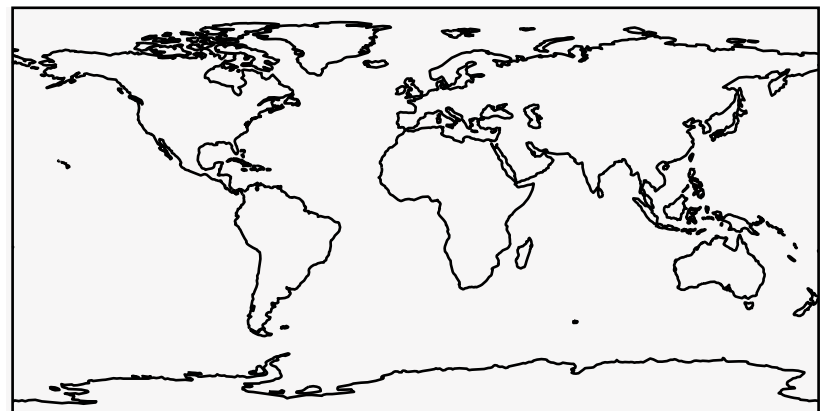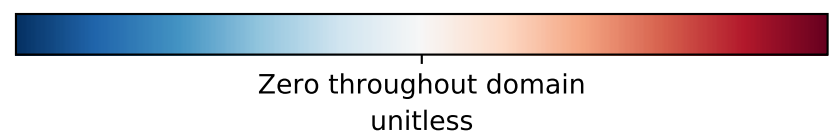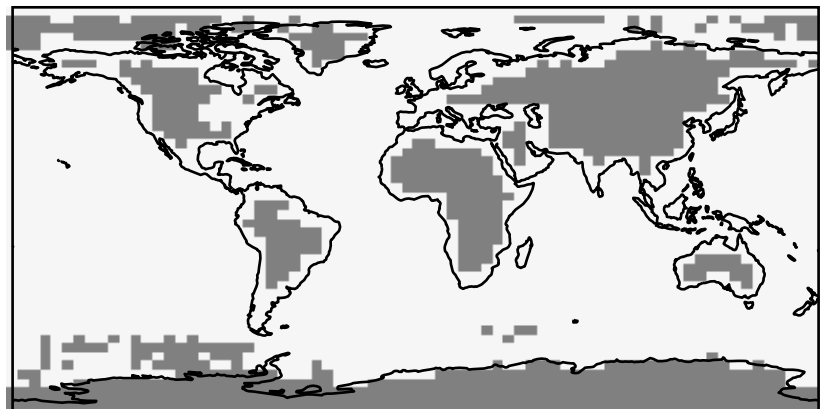
EmisCO_Total

GC_12.8.0 (Ref)
4.0x5.0

GC_12.8.0_LuoWetdep (Dev)
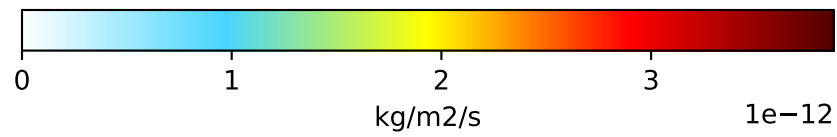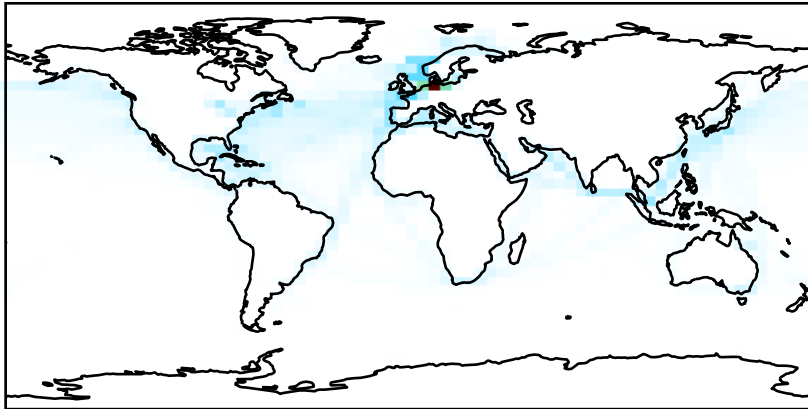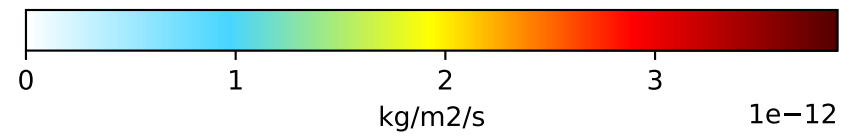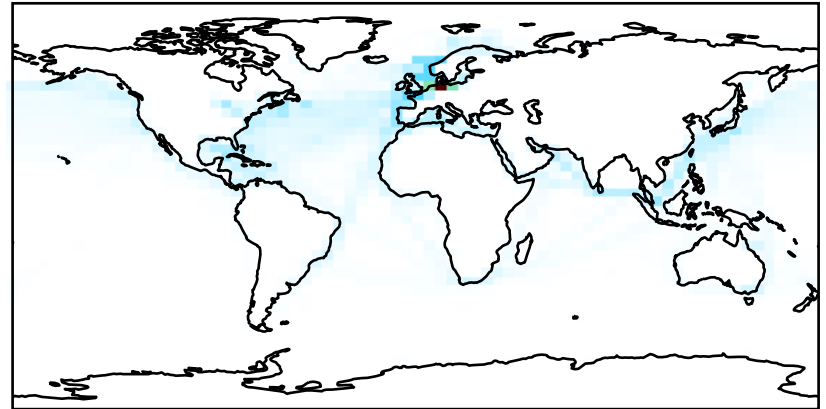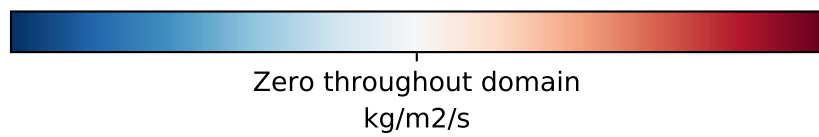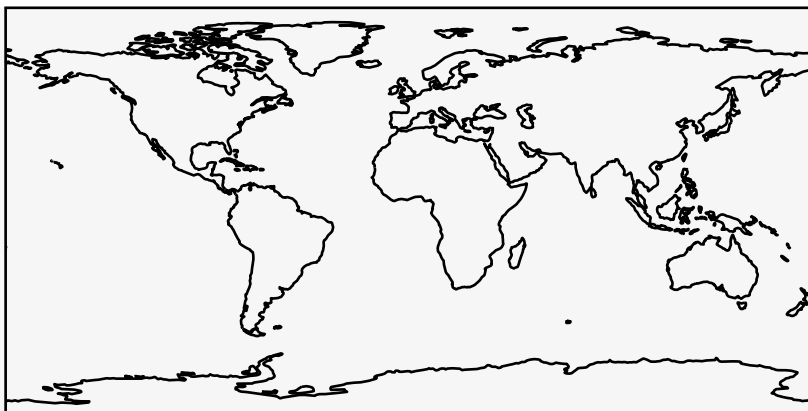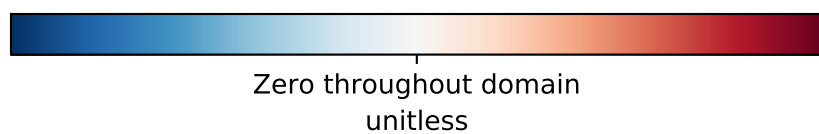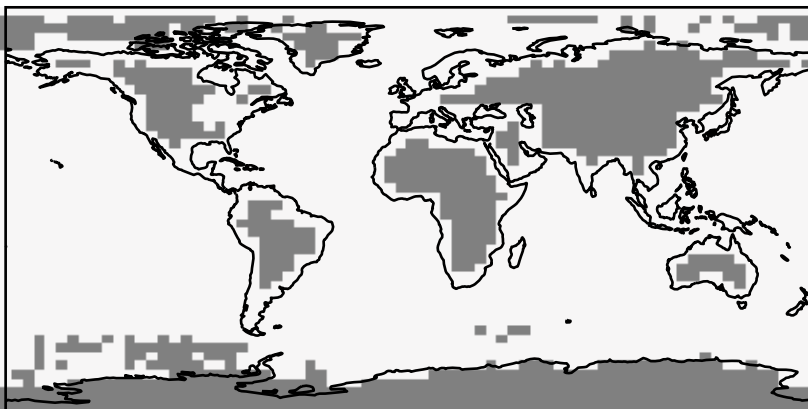4.0x5.0

kg/m2/s

kg/m2/s

Difference
Dev - Ref, Dynamic Range

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

Zero throughout domain
kg/m2/s

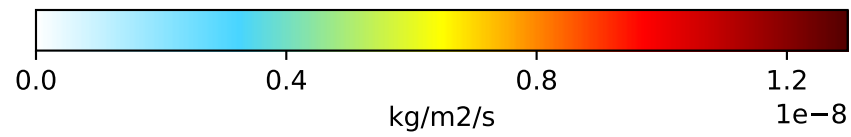Zero throughout domain
kg/m2/s

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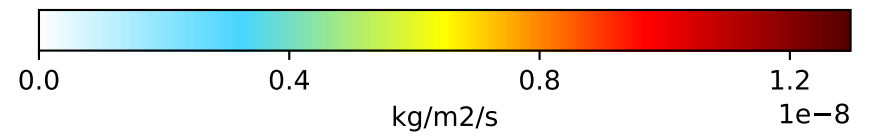(Dev-Ref)/Ref, Dynamic Range
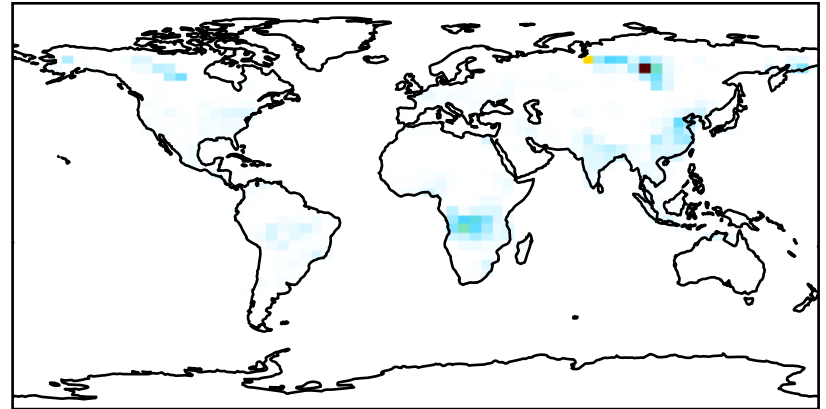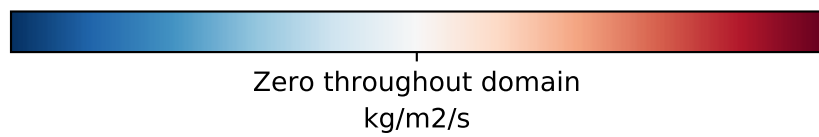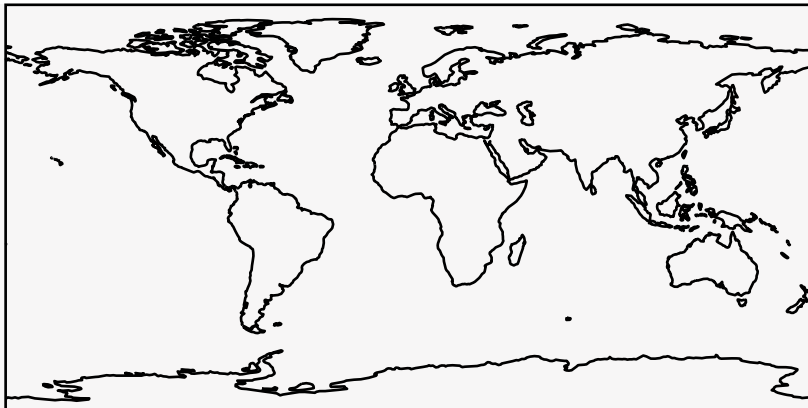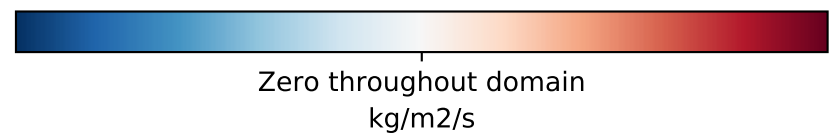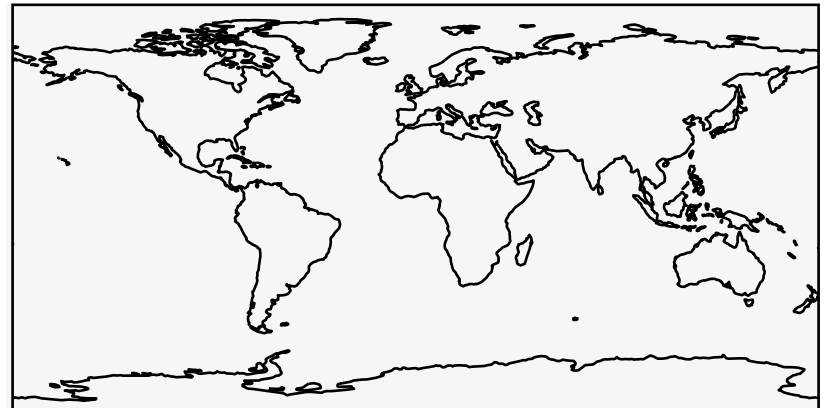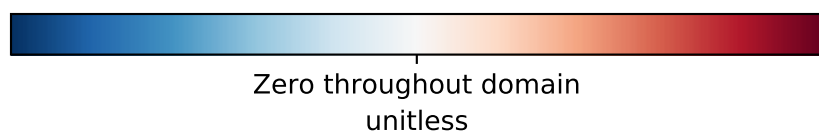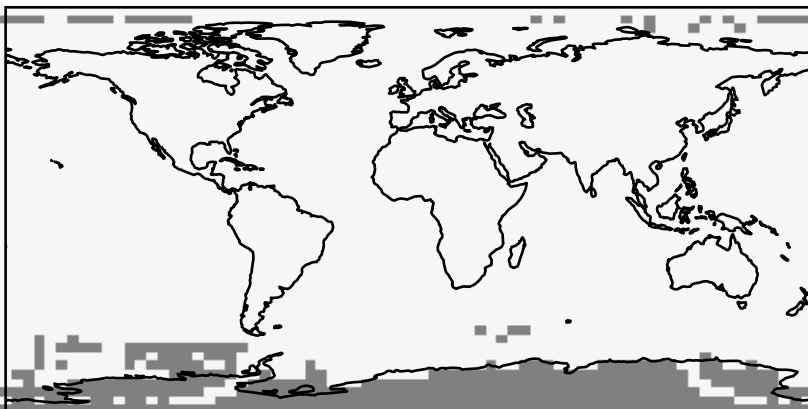
Fractional Difference
(Dev-Ref)/Ref, Fixed Range

Zero throughout domain
unitless

Zero throughout domain
unitless