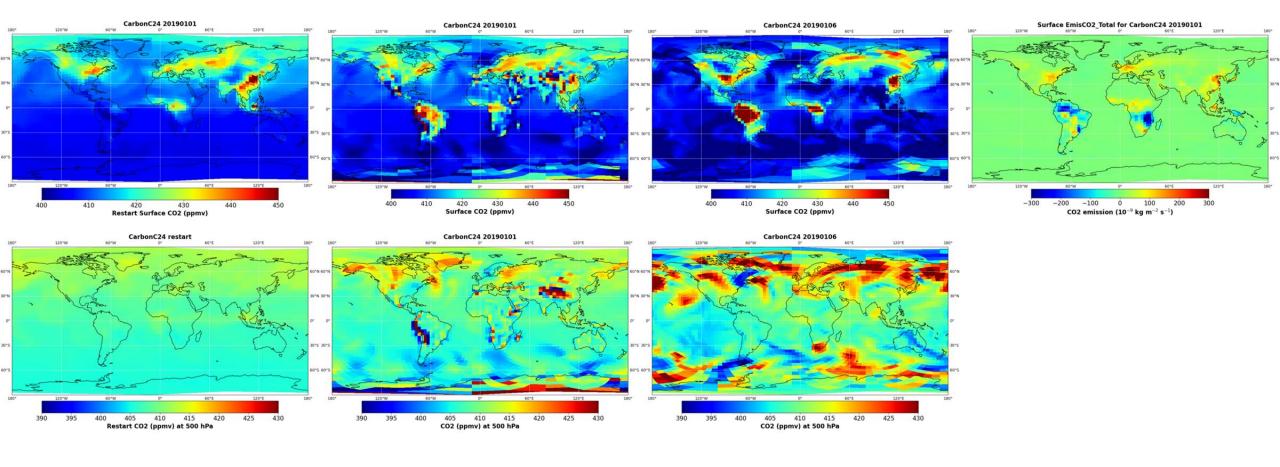
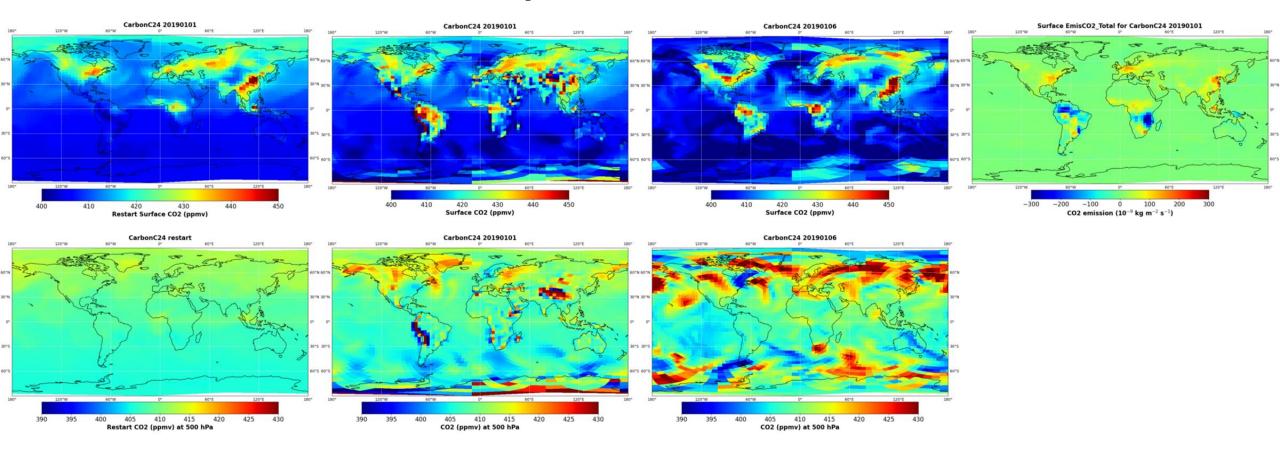
# CO2 before MAPL update

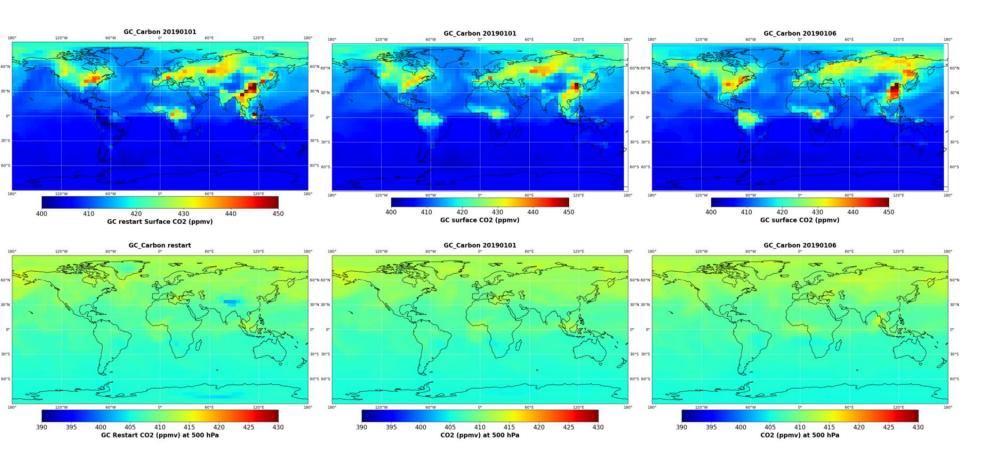


### CO2 after MAPL update

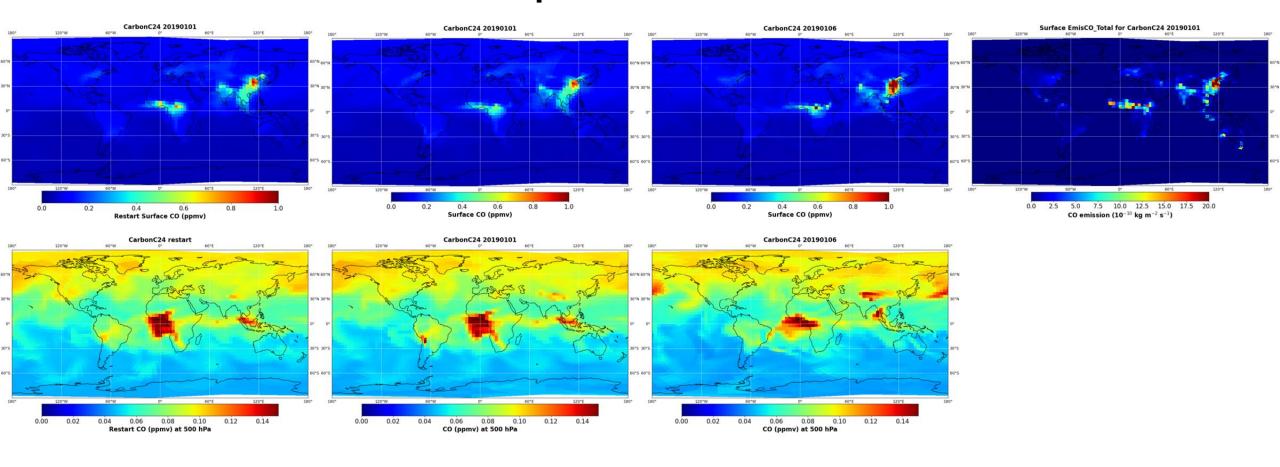


• Strange features are still present in the CO2 simulation after MAPL update.

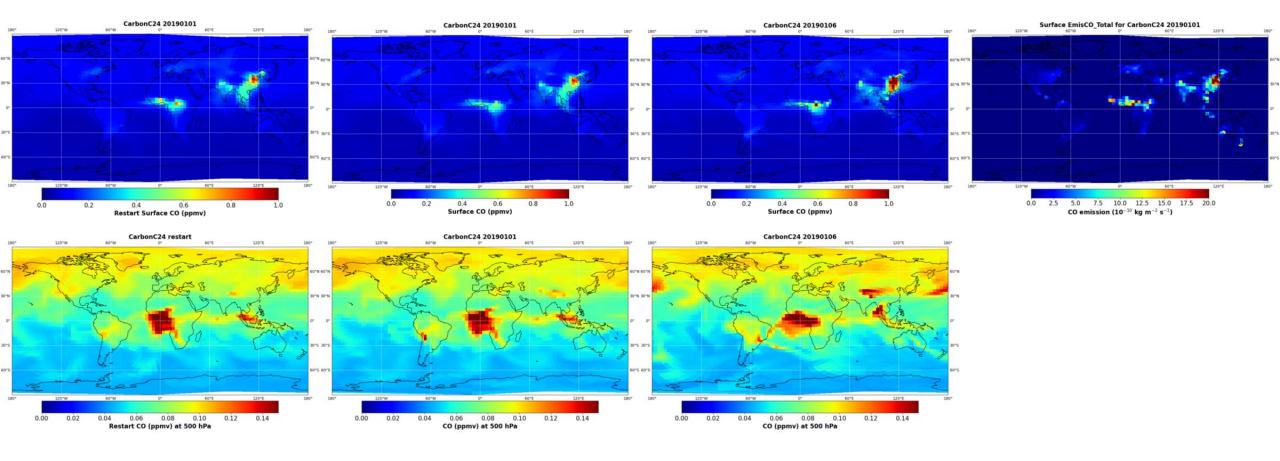
#### CO2 in GCClassic



## CO before MAPL update

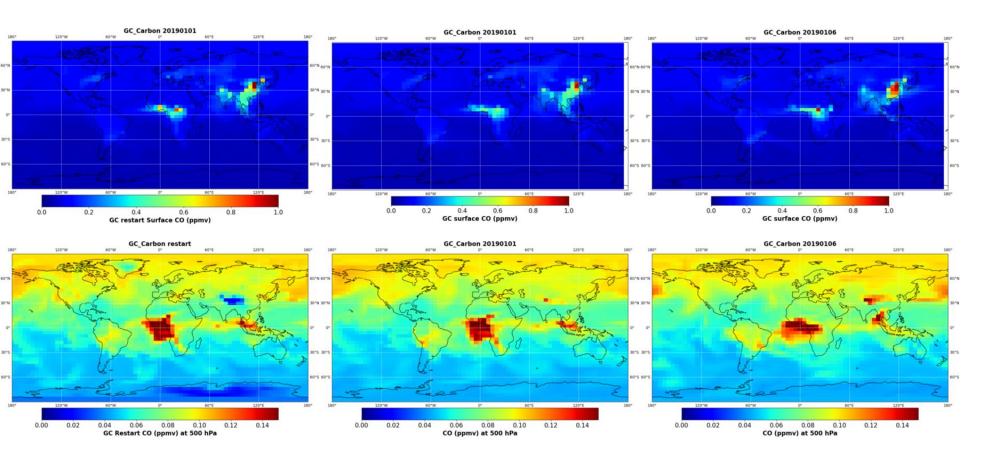


### CO after MAPL update

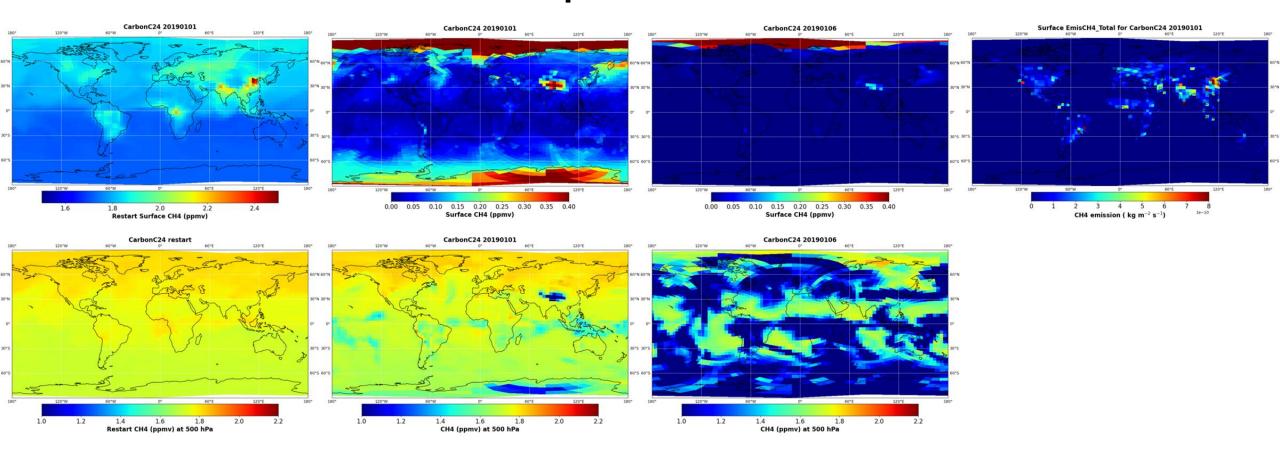


 The CO simulations appear reasonable, though there are still minor differences compared to GCClassic, with the features resembling those of CO2.

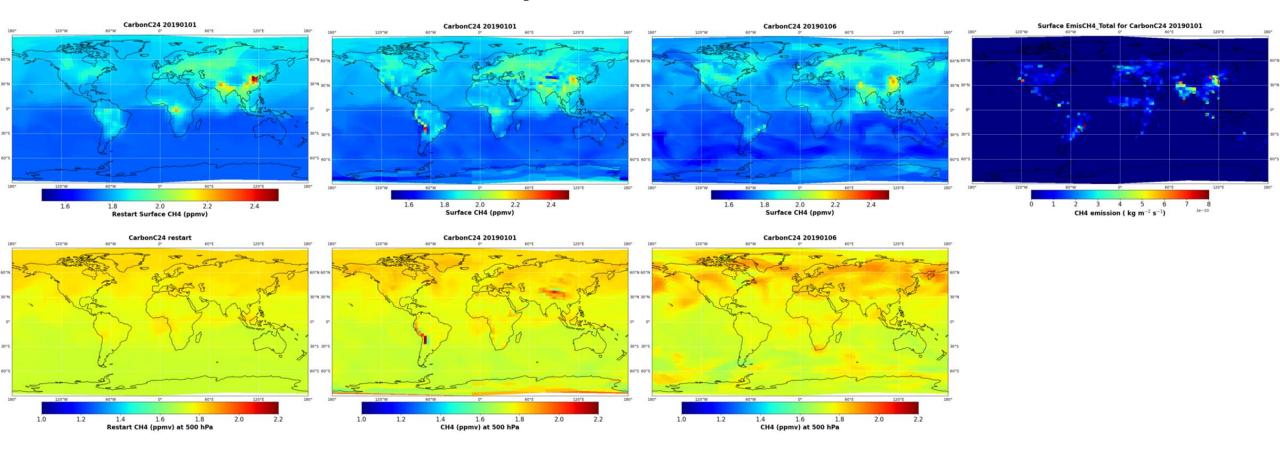
## CO in GCClassic



# CH4 before MAPL update



#### CH4 after MAPL update



• The CH4 simulations are improved with MAPL update, though there are still minor differences compared to GCClassic, with the features resembling those of CO2.

#### CH4 in GCClassic

