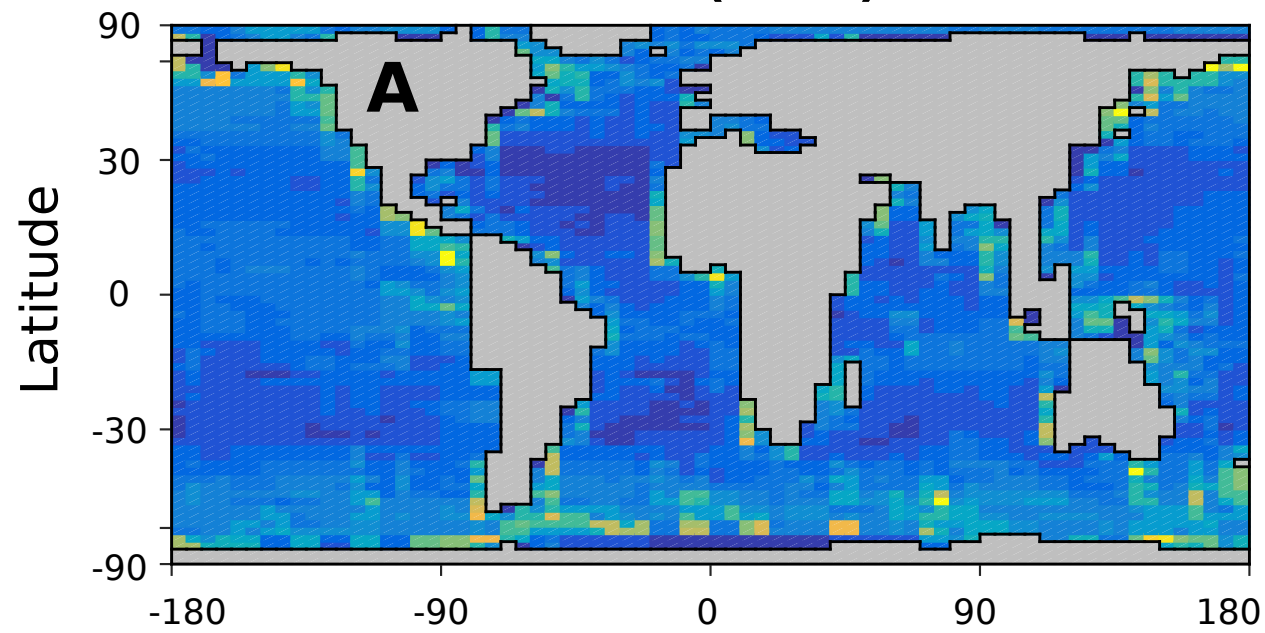
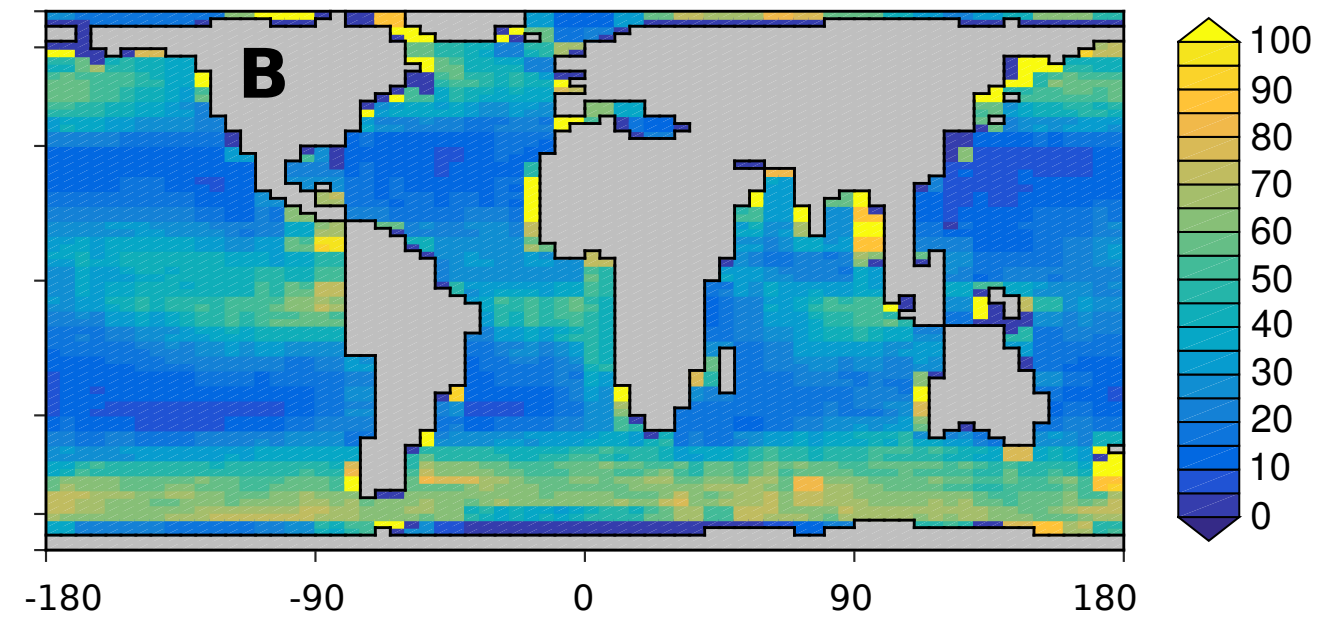


Boudreau $k_1 = x(\text{SFD}) \cdot k_2$

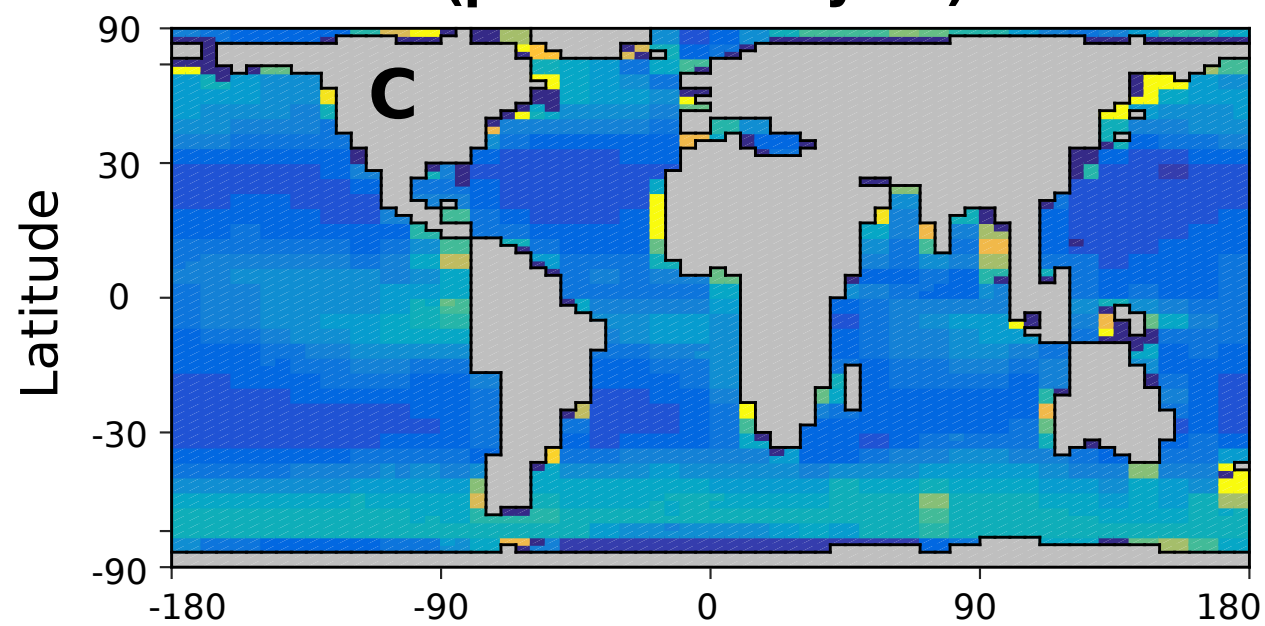
Mean POC upper 5cm
(wt%)



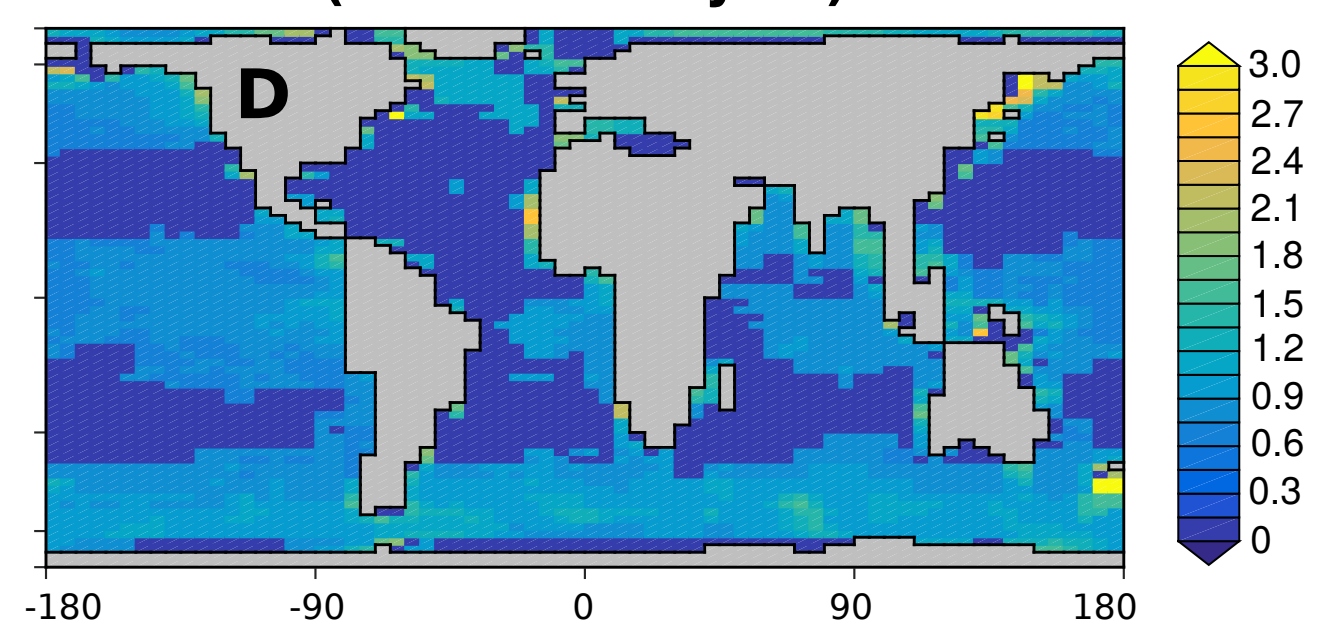
Total POC_{degr} rate
($\mu\text{mol cm}^{-2} \text{yr}^{-1}$)



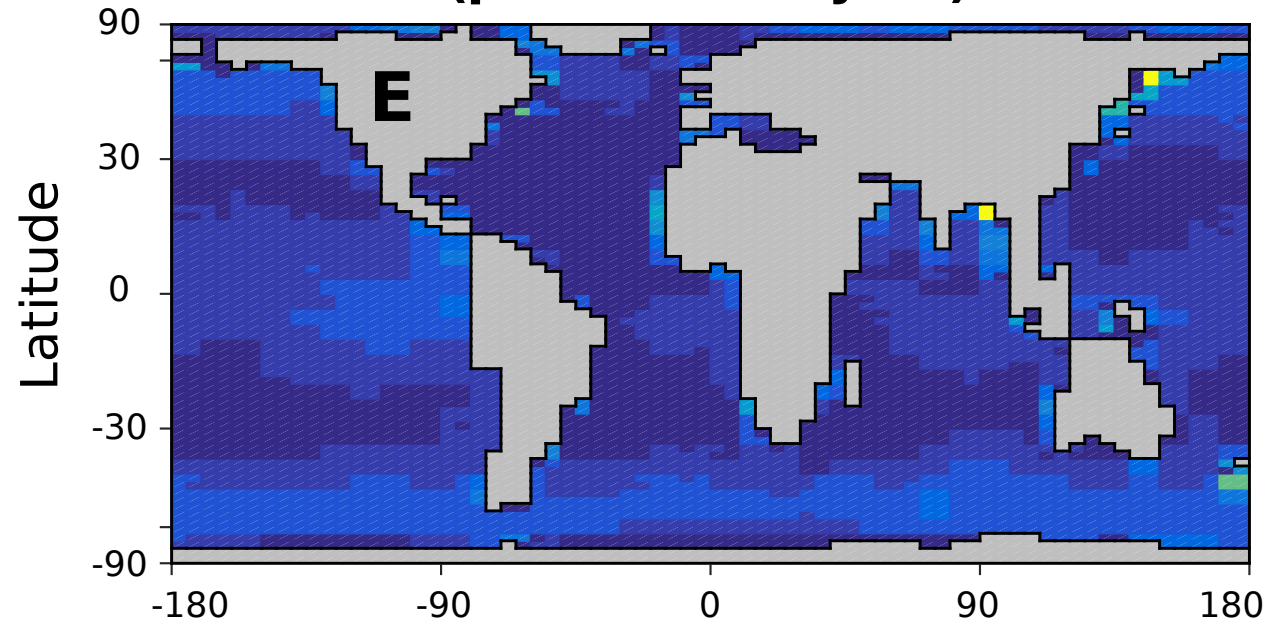
O₂ SWI-flux
($\mu\text{mol cm}^{-2} \text{yr}^{-1}$)



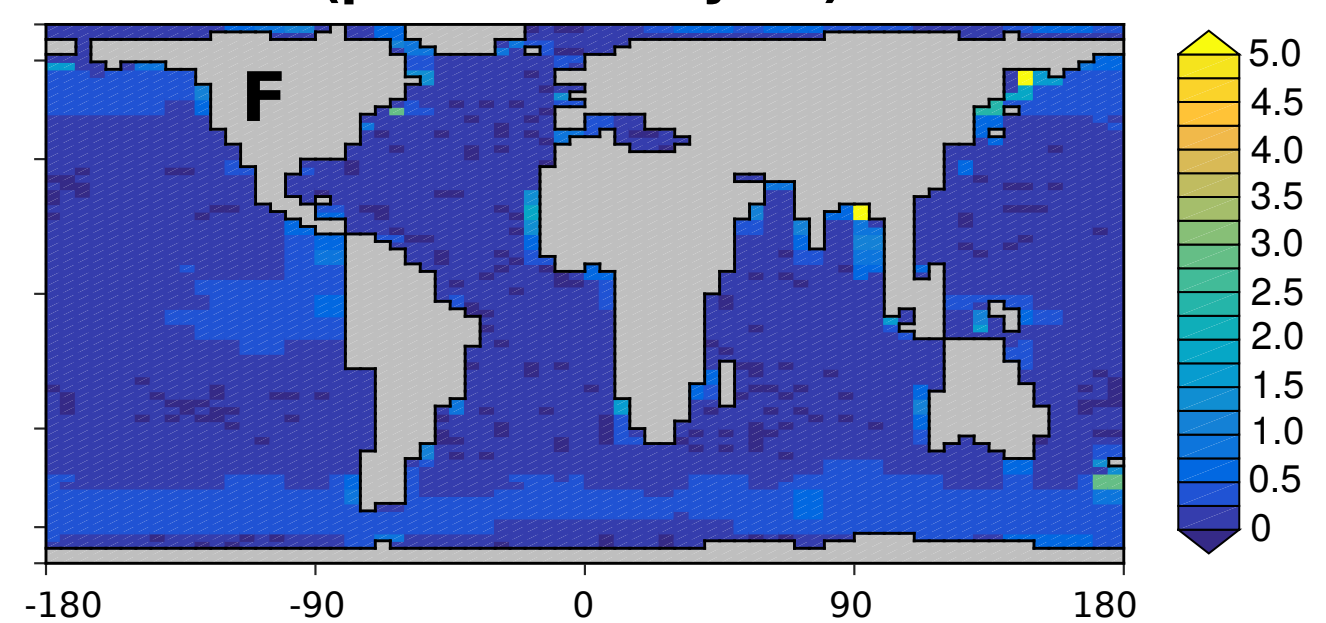
PO₄ SWI-flux
($\text{nmol cm}^{-2} \text{yr}^{-1}$)



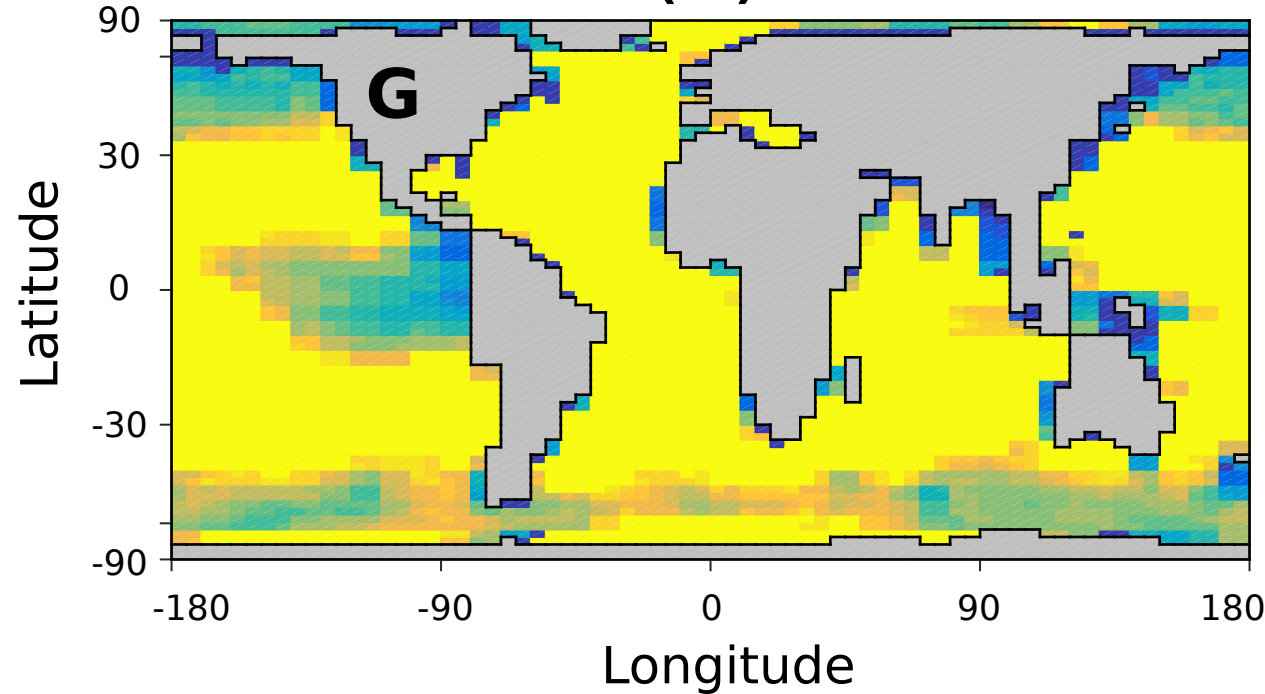
SO₄ SWI-flux
($\mu\text{mol cm}^{-2} \text{yr}^{-1}$)



H₂S SWI-flux
($\mu\text{mol cm}^{-2} \text{yr}^{-1}$)



Fraction of aerobic POC_{degr}
(%)



Oxygen penetration depth
(cm)

