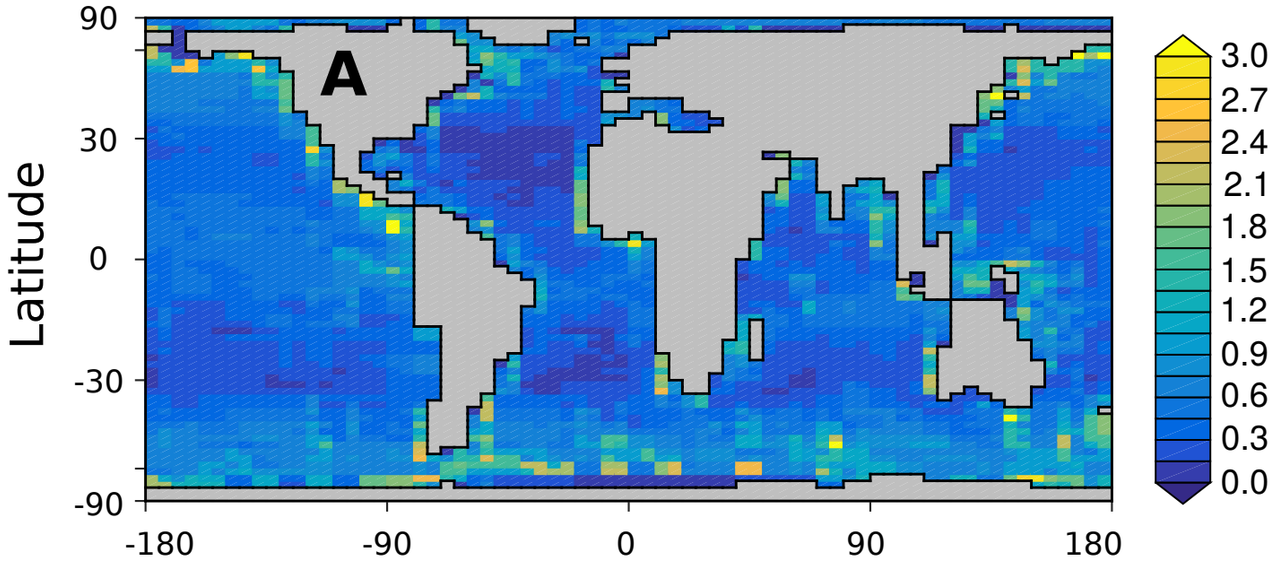
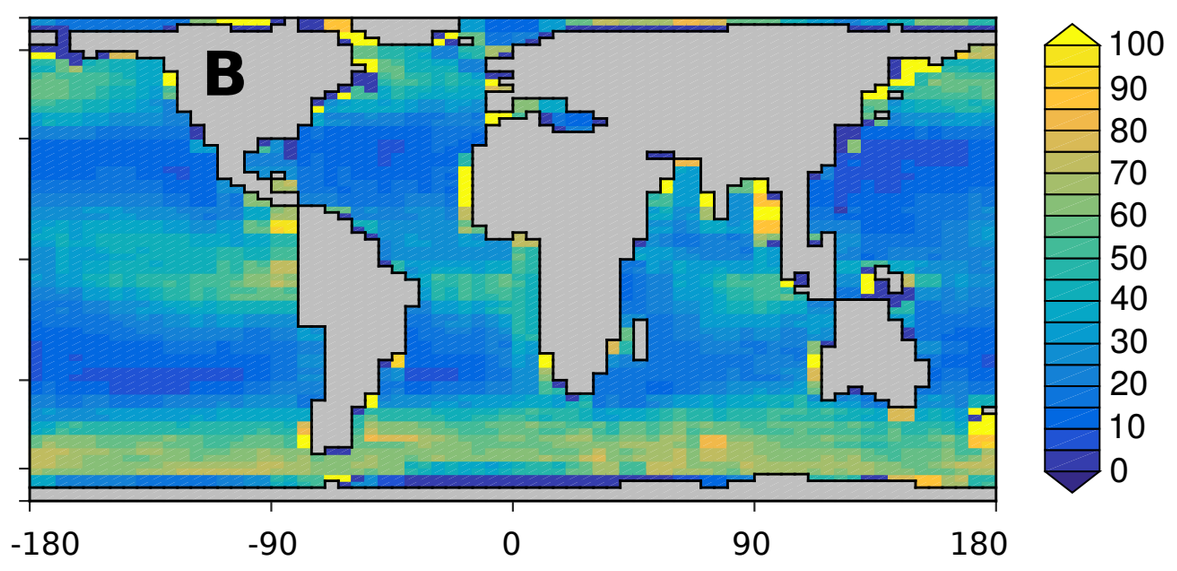
Boudreau $k_1 = x(SFD)*k_2$

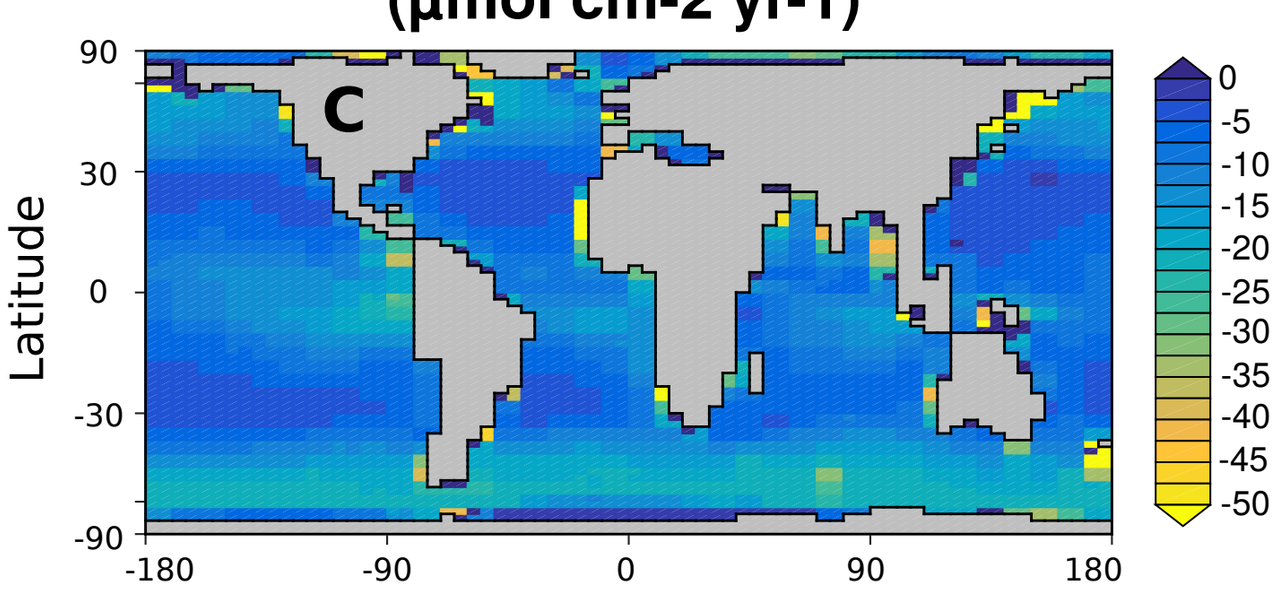
Mean POC upper 5cm (wt%)



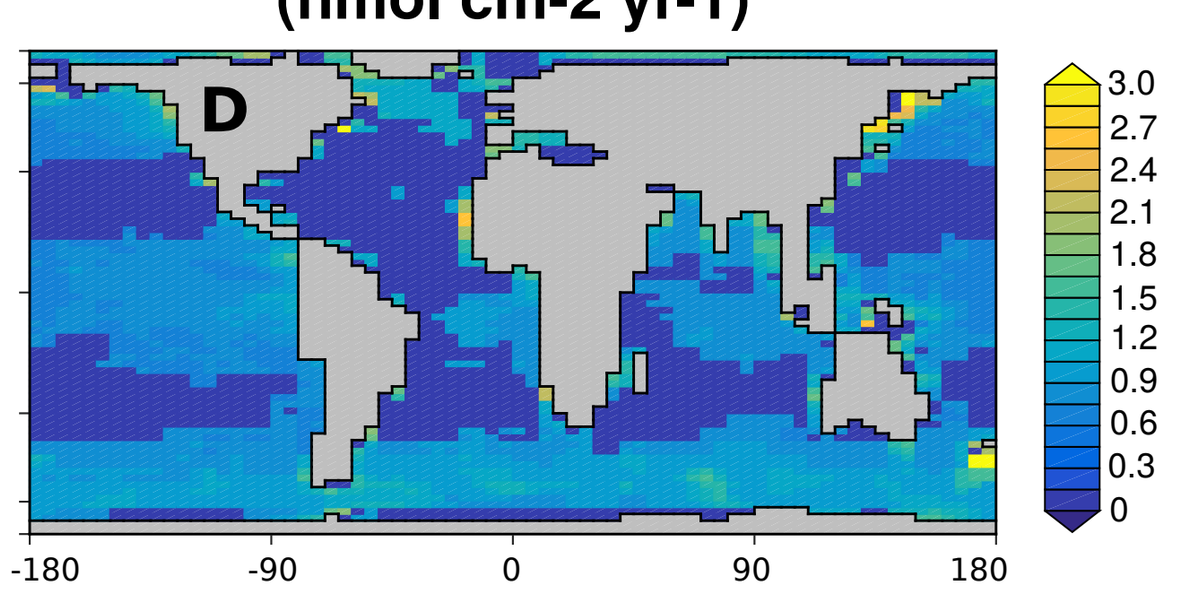
Total POC_{degr} rate (µmol cm-2 yr-1)



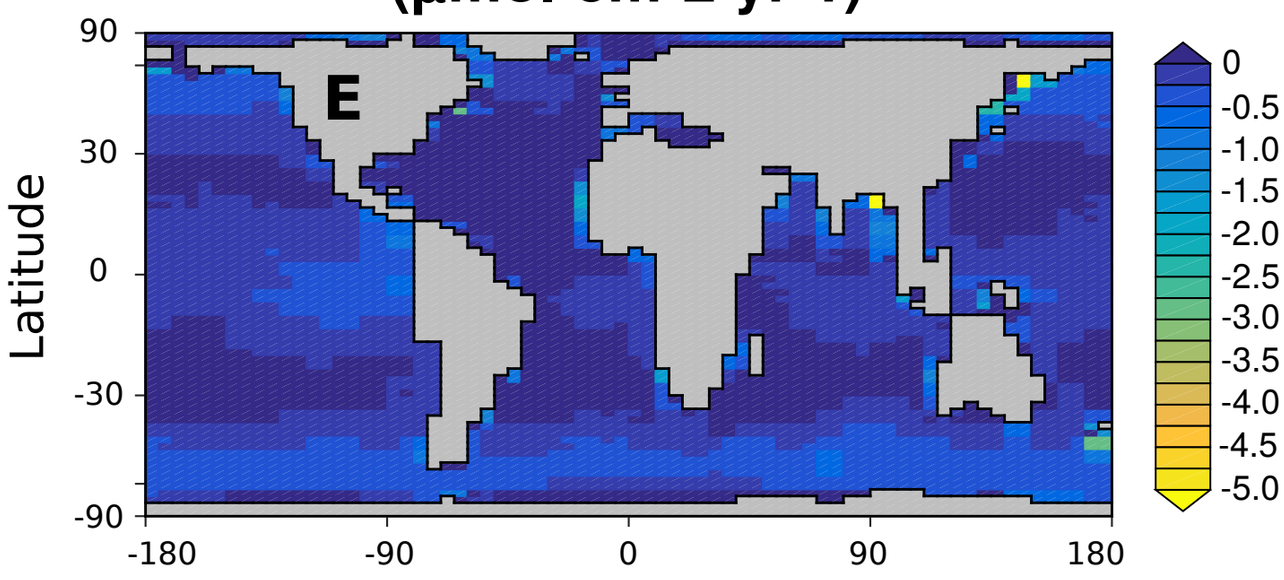
O_2 SWI-flux (µmol cm-2 yr-1)



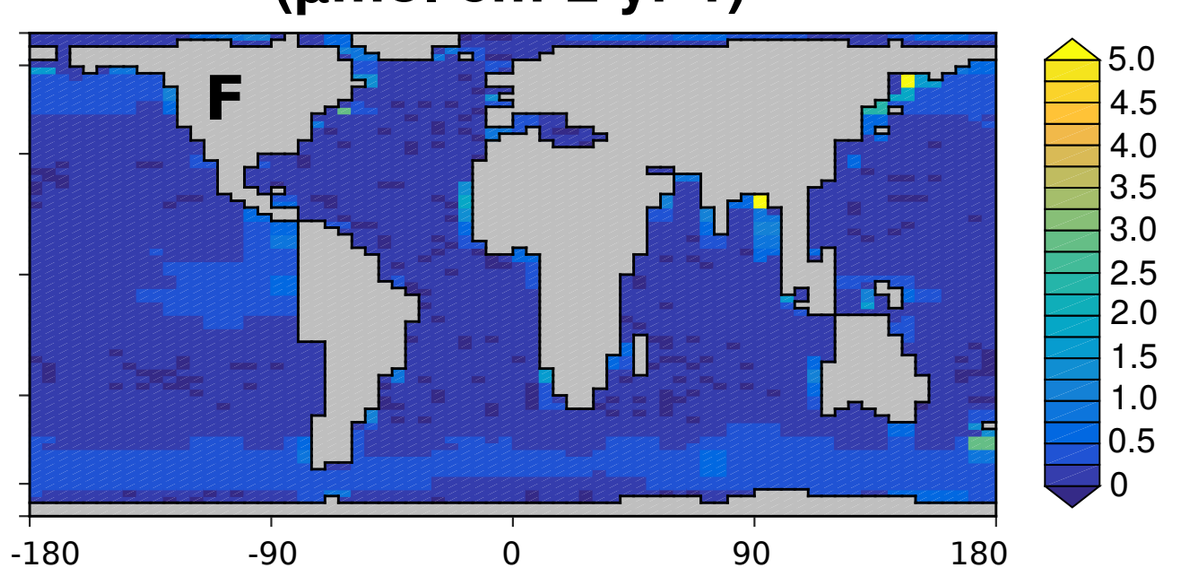
PO_4 SWI-flux (nmol cm-2 yr-1)



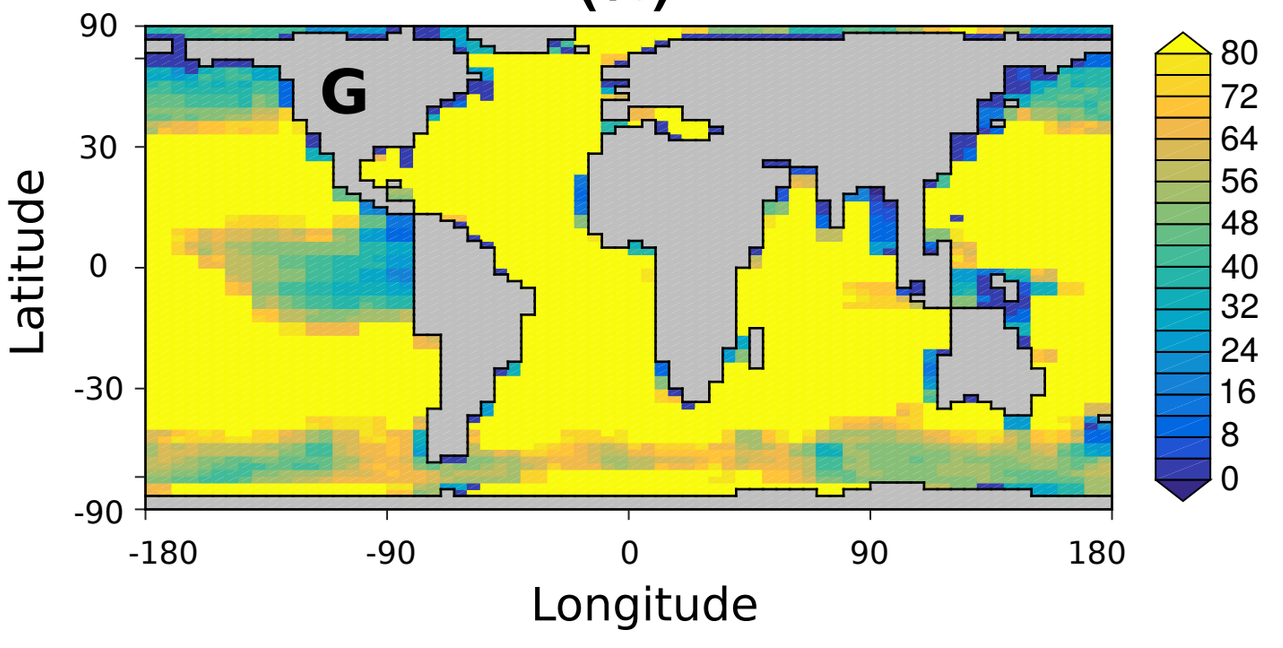
SO_4 SWI-flux (µmol cm-2 yr-1)



H_2S SWI-flux (µmol cm-2 yr-1)



Fraction of aerobic POC_{degr} (%)



Oxygen penetration depth (cm)