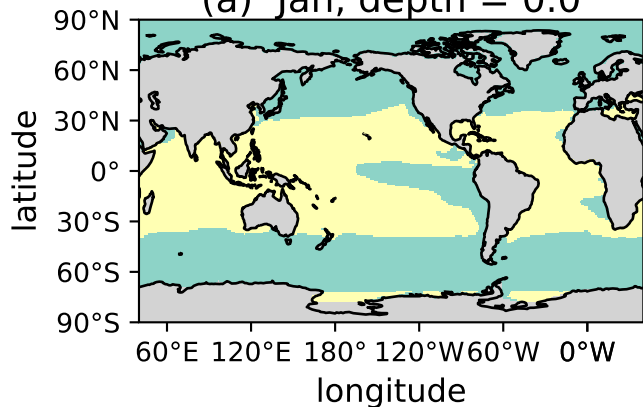


Limiting factor for primary production rates (1985-2018)

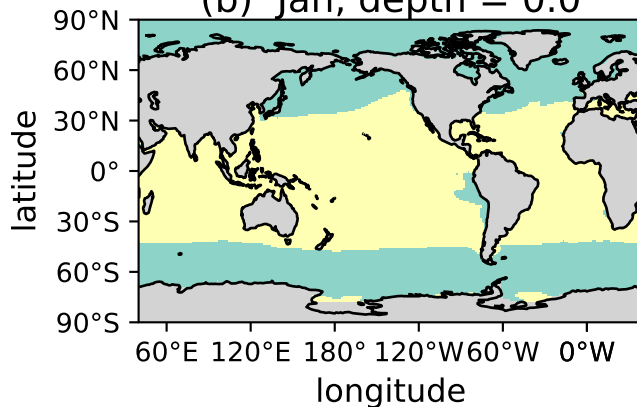
Exp1 ($a_{\text{bio}} = 0.2$)

(a) Jan, depth = 0.0



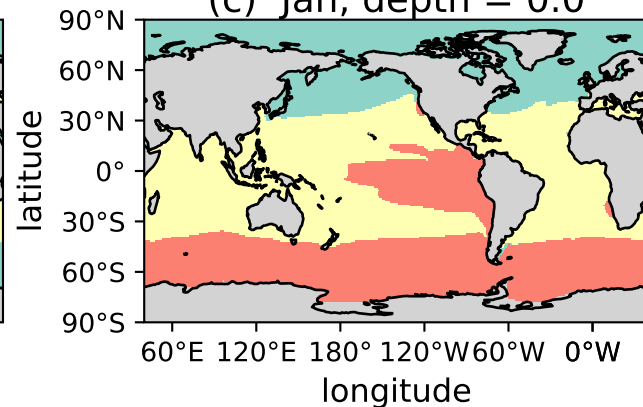
Exp2 ($a_{\text{bio}} = 0.6$)

(b) Jan, depth = 0.0

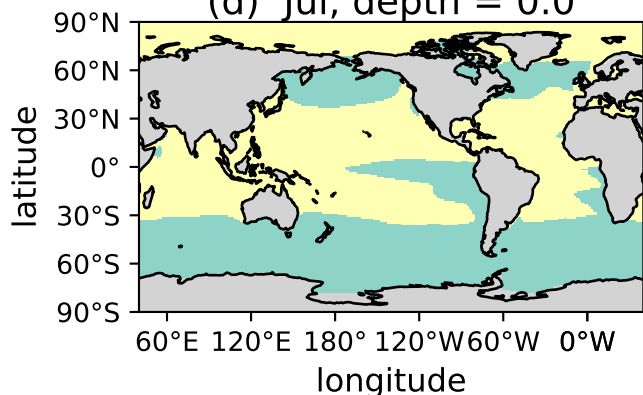


Exp3 ($a_{\text{bio}} = 0.6 + \text{Fe}$)

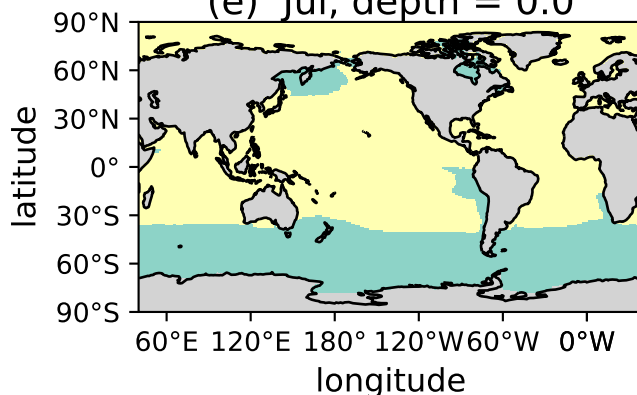
(c) Jan, depth = 0.0



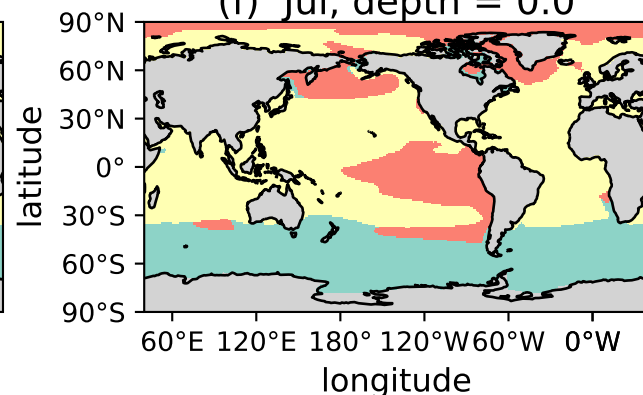
(d) Jul, depth = 0.0



(e) Jul, depth = 0.0



(f) Jul, depth = 0.0



Light

NO_3

PO_4

Fe_d