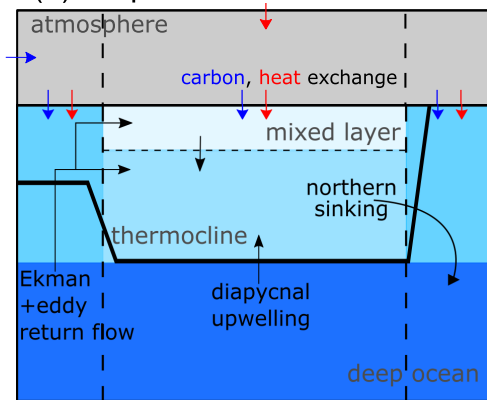
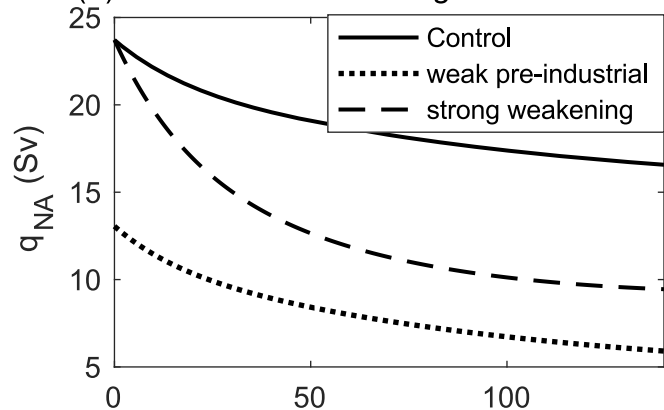
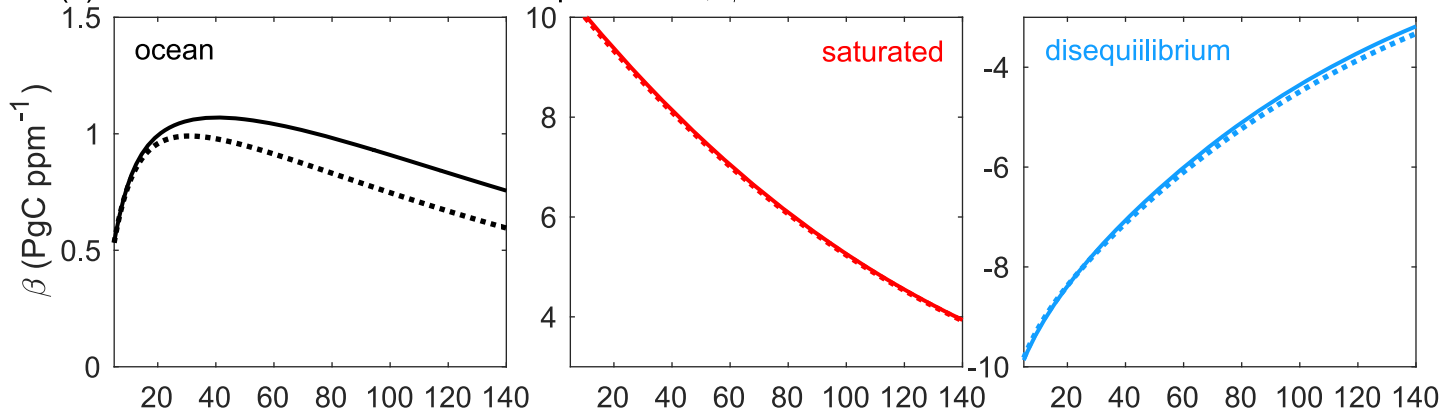


(a) simplified model



(b) Meridional Overturning

(c) carbon-concentration feedback parameter, β (d) carbon-climate feedback parameter, γ 