ESTIMATING OCEANIC CARBON UPTAKE

$$change \ in \ DIC_{surf} = \ \frac{C_{CO_2} \ growth}{C_{CO_2}} \ \times \ \frac{DIC_{surf}}{R} \approx \ \frac{2 \ ppm}{420 \ ppm} \times \ \frac{2 \times 10^{-5}}{10} \ \frac{kg \ C}{kg \ H_2O} \approx 10^{-8} \ \frac{kg \ C}{kg \ H_2O}$$

