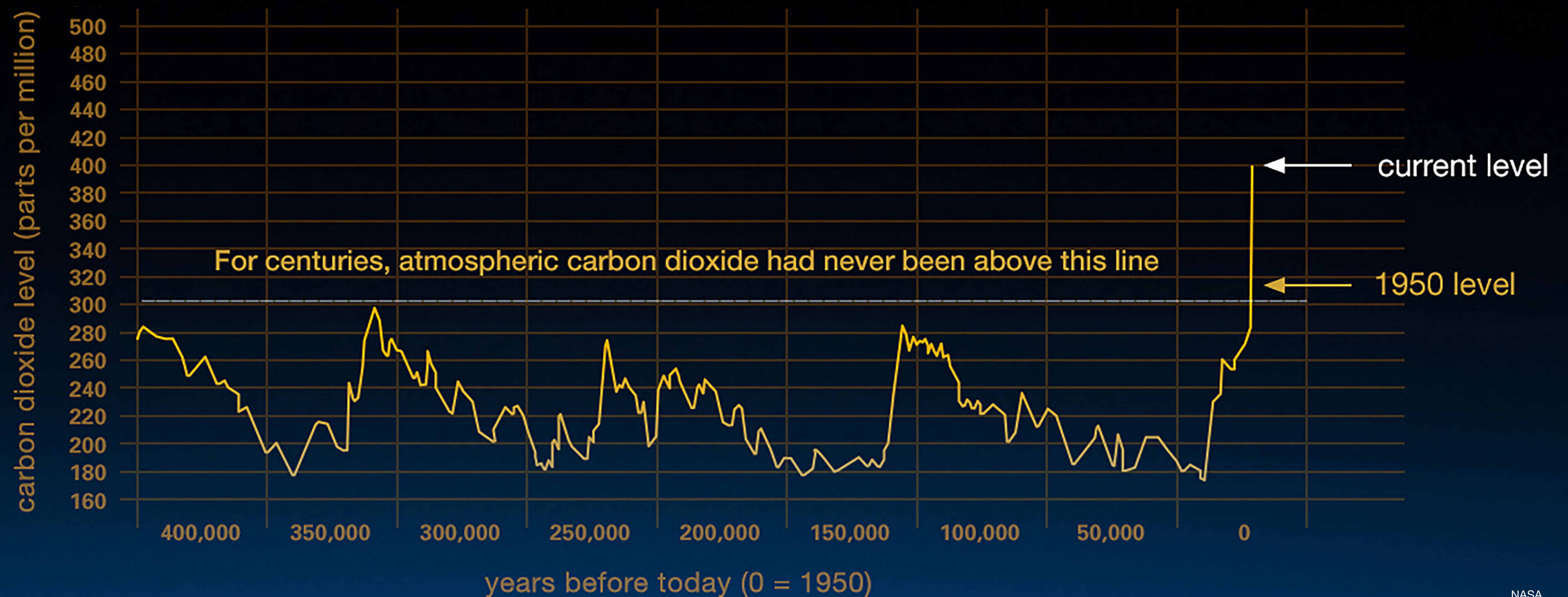


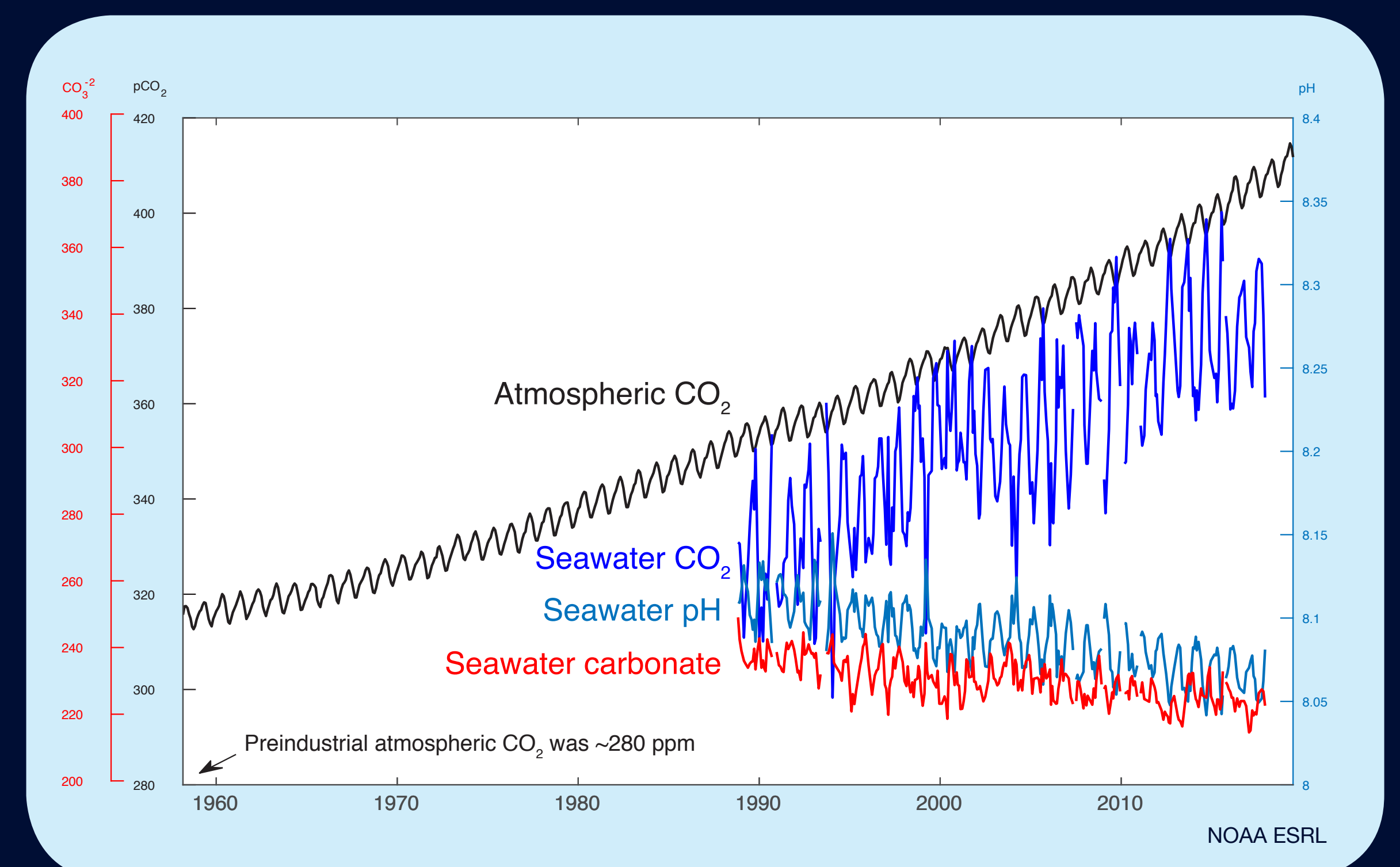
OCEAN ACIDIFICATION

AN OVERVIEW

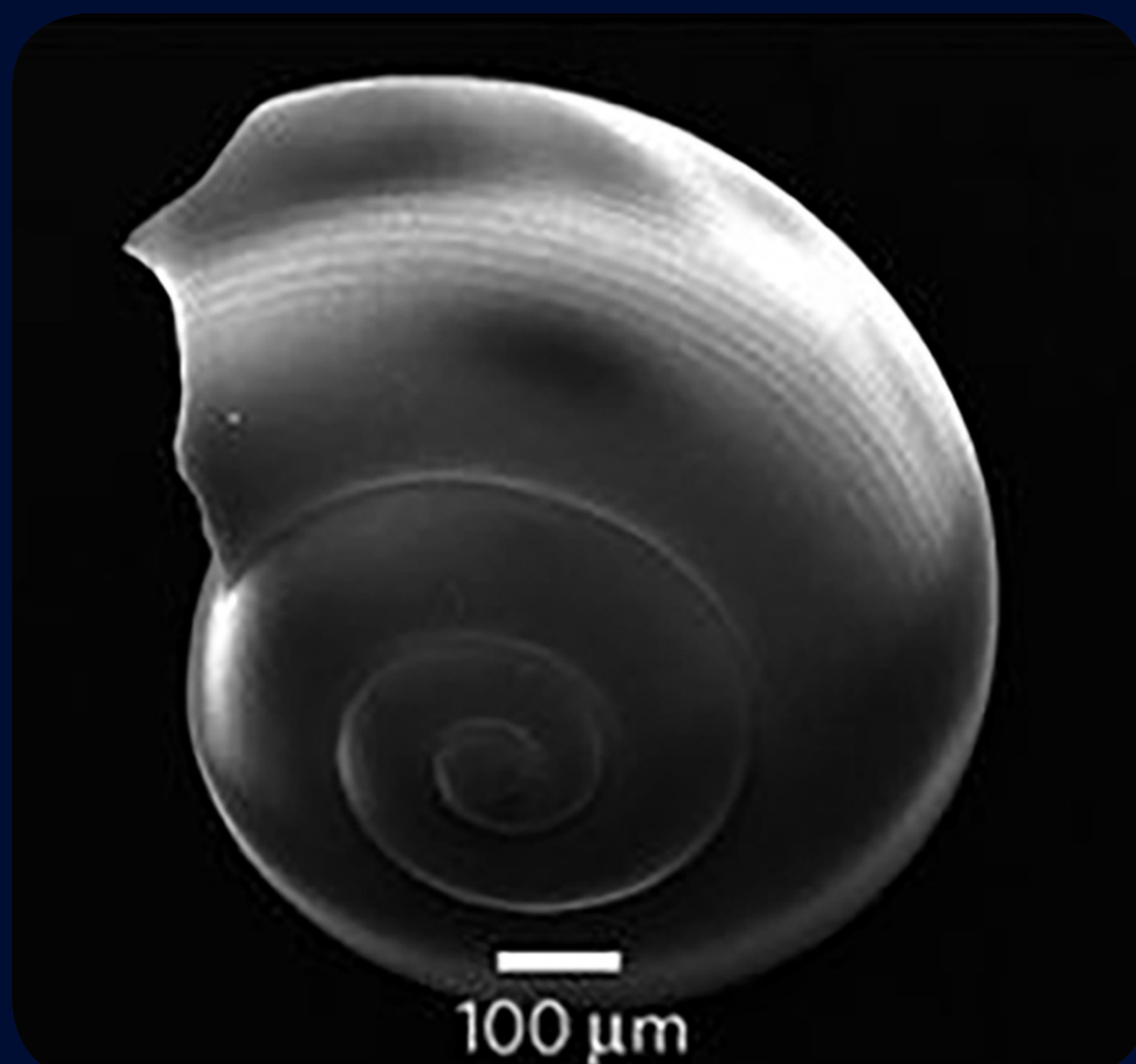


As CO_2 increases in the atmosphere,
more CO_2 is dissolved in seawater.

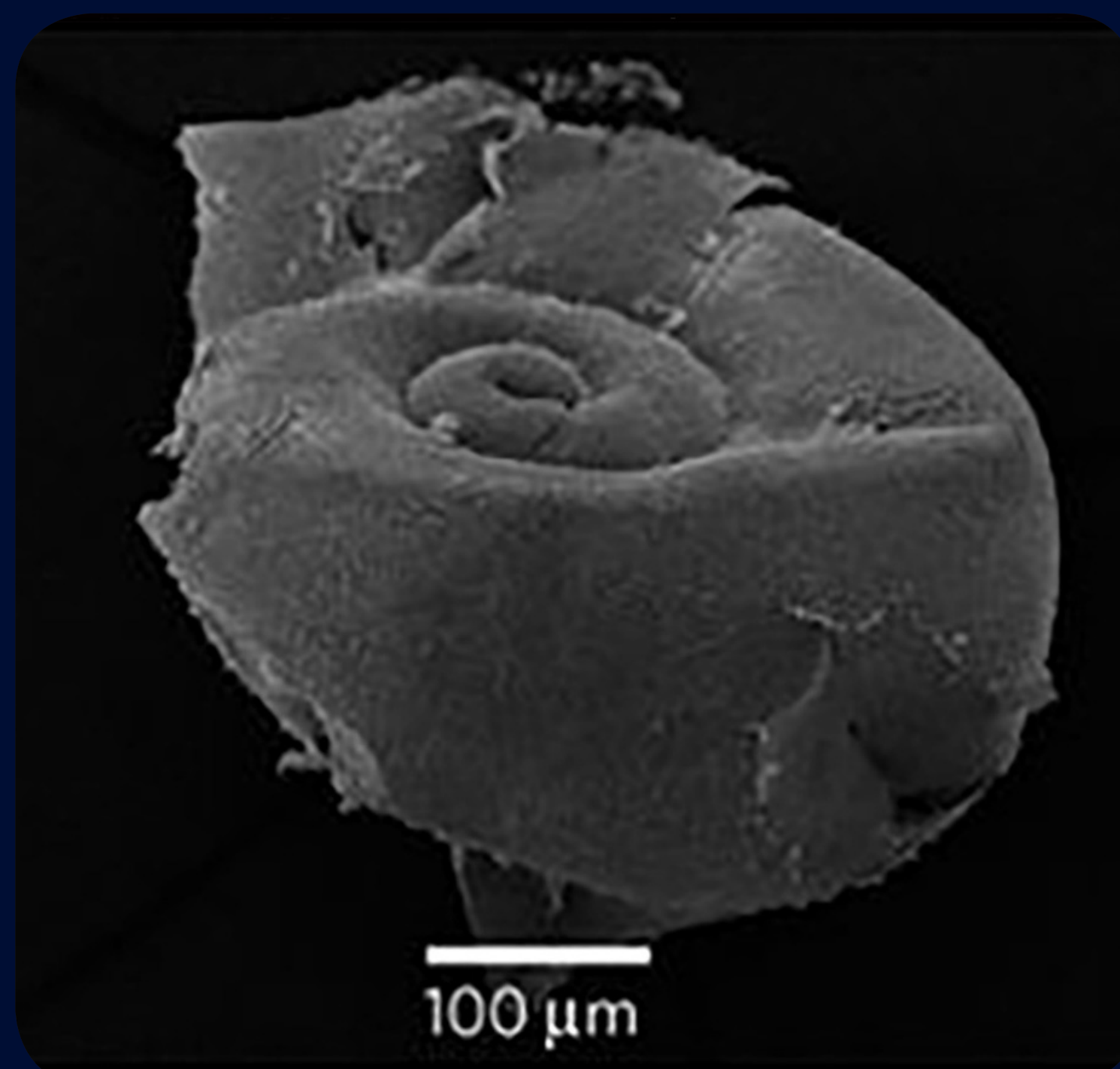
As CO_2 increases in seawater,
pH and carbonate decrease.



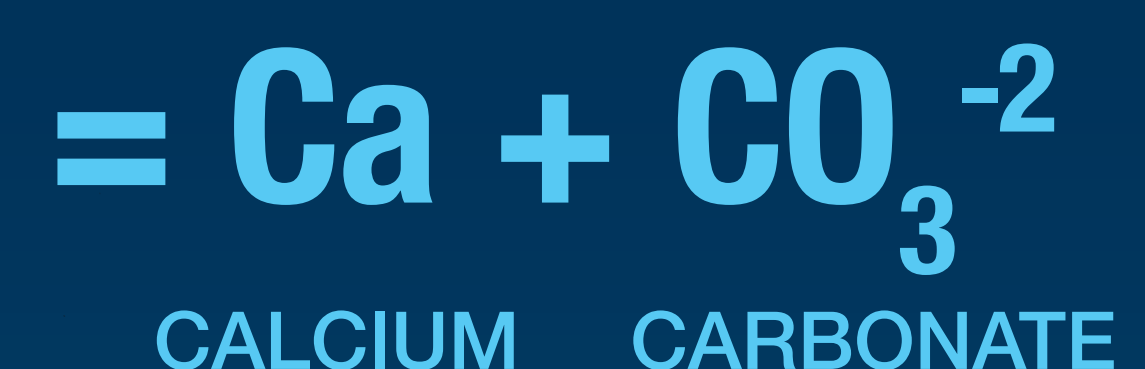
What does this mean for shell-building organisms?



Bednaršek et al. 2012, Nature



Bednaršek et al. 2012, Nature



Less available carbonate
and lower pH makes it
harder to build shells