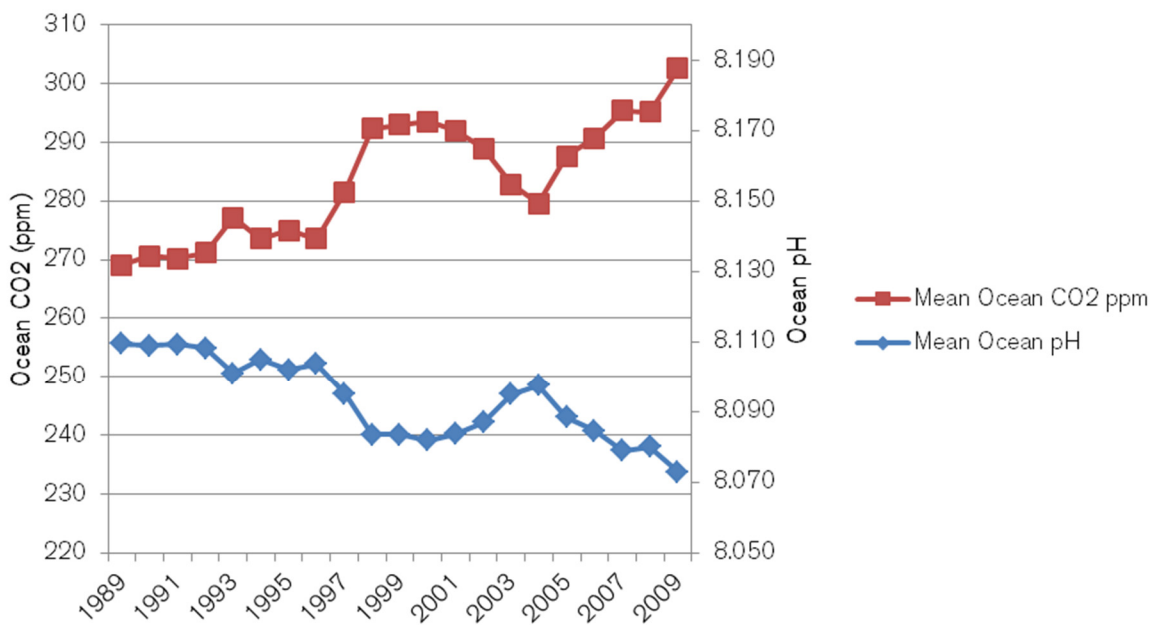


# STUDENT SHEET 3d

## Ocean acidification graph and question sheet

Ocean CO<sub>2</sub> (ppm) and Ocean pH from the Hawaii Ocean Time-series Annual mean data



Answer all questions:

1. What is meant by the annual mean?
2. Draw a best-fit line through the Ocean pH points that shows the overall direction of the data.
3. Draw a best-fit line through the Ocean Carbon Dioxide points that shows the overall direction of the data.
4. Can you suggest a possible reason for any connection between the pattern shown by the two best-fit lines?
5. Data from the Catlin Arctic Survey on ocean acidification will not be available for at least a year after the expedition. Can you think why this might be the case?