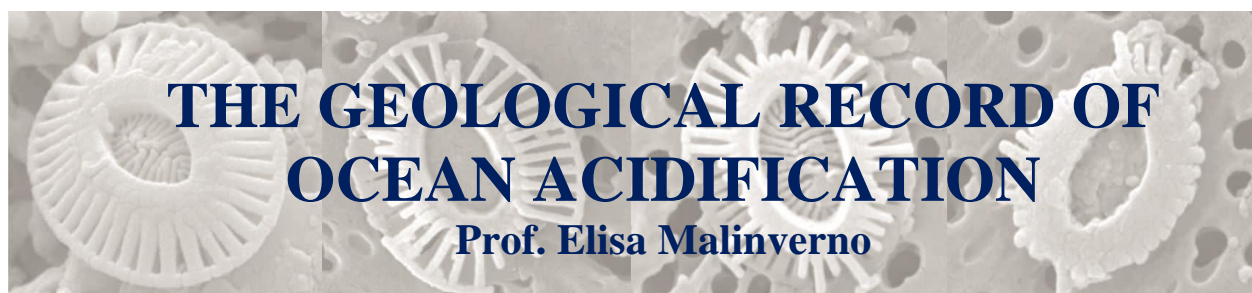


PhD course 2019-20



Classes:

May 19th 14.30 – 16.30

May 21st 14.30 – 16.30

May 26th 14.30 – 16.30

May 28th 14.30 – 16.30

Abstract. Ocean acidification refers to the ongoing decrease in ocean pH due to the increased atmospheric CO₂ concentration, attributed to anthropogenic emissions. This course will first summarize the basics of ocean acidification studies in the present-day, pointing to the main mechanisms of ocean-atmosphere exchange and the effects on the calcifying organisms. The course will then review the evidences from the geological record of ocean pH decreases in the past, resulting in drops of carbonate ion concentration and carbonate dissolution, in relation with past atmospheric CO₂ fluctuations.

All interested students shall contact me (elisa.malinverno@unimib.it) by May 11th, to receive the instructions for the link to the on-line classes.