

Biogeosciences Discuss., editor comment EC1 https://doi.org/10.5194/bg-2021-301-EC1, 2022 © Author(s) 2022. This work is distributed under the Creative Commons Attribution 4.0 License.

## Do not express pH changes in percent

Jean-Pierre Gattuso (Editor)

Editor comment on "Acidification, deoxygenation, and nutrient and biomass declines in a warming Mediterranean Sea" by Marco Reale et al., Biogeosciences Discuss., https://doi.org/10.5194/bg-2021-301-EC1, 2022

I hope this comment does not come too late. I refer to figure 18 panels e-l. It is inappropriate to express changes in pH in percent. It should be percent of the hydrogen ion concentration. Or, perhaps better, show the changes in pH units. See: Fassbender A. J., Orr J. C. & Dickson A. G., 2021. Technical note: interpreting pH changes. Biogeosciences 18:1407-1415.

It would be great to have a summary table providing values of key variables with the 2 scenarios at present, mid and far future.