

Interactive
Comment

Interactive comment on “Contrasting effects of temperature and winter mixing on the seasonal and inter-annual variability of the carbonate system in the Northeast Atlantic Ocean” by C. Dumousseaud et al.

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There seems to be a disagreement between the authors and reviewer n°2 on the effect of positive and negative phases of NAO on wind speed, SST, mixed layer depth in the region of interest. I suggest that authors analyse (seasonally de-trended) longest possible time-series of SST (Reynolds climatology, http://iridl.ldeo.columbia.edu/SOURCES/.NOAA/.NCEP/.EMC/.CMB/.GLOBAL/.Reyn_SmithOlv2/.monthly/.sst/), NECP wind speeds (http://www.esrl.noaa.gov/psd/data/ncep_reanalysis/) and possibly mixed layer depths from the Met Office FOAM in conjunction with NAO index to clarify

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this point.

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