

## ***Interactive comment on “Increase of dissolved inorganic carbon and decrease of pH in near surface waters of the Mediterranean Sea during the past two decades” by Liliane Merlivat et al.***

**Liliane Merlivat et al.**

merlivat@locean-ipsl.upmc.fr

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Please note the corrected version of the reply to the comment : lines 134-135: The authors should provide evidence for their statement that the contribution of the air-sea flux is insignificant. This is well discussed for the years 1998-2000 in Begovic and Copin-Montegut, 2002 .For the period 2013-2015, the air –sea flux is equal to  $-0.45\text{mol m}^{-2}\text{yr}^{-1}$ , a value close to what was observed in previous years. This is indicated in the manuscript. In the previous document it was written  $-0.45\text{mmol m}^{-2}\text{d}^{-1}$

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Discussion paper

