

**Technical correction on “Coastal primary productivity changes over the last millennium: a case study from the Skagerrak (North Sea)” by Anna Binczewska et al.**

**Referee2: Marit-Solveig Seidenkrantz**

The authors have done a thorough job at answering reviewers' comments, and I only have a few more or less technical comments.

Response: We appreciate final technical comments from: Marit-Solveig Seidenkrantz. Responses to the review are below.

Reviewer 2: Core description: please also add colour of the sediment, and describe potential structures (laminated, homogeneous, bioturbation etc).

Response: We have added core description, as follows: 'Both cores consist of mostly homogeneous soft organic-rich clay, have olive-grey colour and show no significant changes in grain size and lithology throughout the studied intervals.'

Reviewer 2: Fig 1: map: use different colours for surface vs subsurface waters.

Response: We have modified Fig. 1 according to the comment.

Reviewer 2: Are CTDs available for the sites or near-by locations. If yes, please show these.

Response: The CTDs are available from near-by locations. We have added new Figure 6 with CTD data as supplementary.

Reviewer 2: Please add link to/doi number of data on PANGAEA, when available.

Response: We have added doi.

Reviewer 2: Correct the English of the text, especially in the new sections. There are currently some rather funny misspellings, and odd/incorrect word order.

Response: The manuscript has been tweaked and the language has been tightened up.