

Topic editor decision: Publish subject to minor revisions (review by editor)

by Sabine Schmidt

Public justification (visible to the public if the article is accepted and published):

The authors have taken most of the reviewers' comments into account and have made the necessary improvements to some figures. However, it is still necessary to improve the manuscript. A first comment is again the title, which is still not very descriptive of the present data set. A second general comment is the need to seriously improve the text. There are many errors in the text and the wording needs to be improved. For example, the abstract is written as follows: The data is valuable and has multiple potential applications, in .... . In fact it should be written as "The data are valuable and have many potential applications, including .... Written expression needs serious improvement through the use of editing services.

Response: Thank you for the comments, which help improve the manuscript. The title has been revised to "MASCS 1.0: Synchronous atmospheric and oceanic data from a cross-shaped moored array in the northern South China Sea during 2014–2015". The dataset is also updated to revised small deficiencies in the previous version and uploaded, see <https://zenodo.org/records/13925651>. The writing of the manuscript is totally revised by a native speaker from an English editing company. The sentence in the abstract has been revised to "The data are valuable and have many potential applications, including analyzing the phenomena and mechanisms of air–sea interactions and ocean dynamics and validating and improving numerical model simulations, data reanalysis, and assimilations".

Uploaded files validated

by Anna Glados

Notification to the authors:

1. Before the next file upload, please add the corresponding author (name and email address) to the title page.
2. Please note that the supplement .zip has been deleted since it only included the figures of the main manuscript.

Response: Thank you for the comments. 1. the corresponding author (name and email address) has been added to the title page, which is “Han Zhang (zhanghan@sio.org.cn)”.  
2. That is fine.