

***Interactive comment on “Evaluation of OAFlux datasets based on in situ air-sea flux tower observations over the Yongxing Islands in 2016” by Fenghua Zhou et al.***

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Thank you for your praise of the article and the recognition of the author’s research work. Exactly, what we done in the paper is effectively evaluate the OAflux datasets in the northern of SCS, which will guide the researchers to use OAFlux in a reasonable way in the SCS-related works. Also we find the possible sources of biases that lead to the biases in the heat fluxes, and give some suggestions for the improvement of future observations to improve the credibility of the OAFlux reanalysis dataset. Anyway, we will continue this study, our next research plan is to improve the parameterization scheme in the COARE3.0 bases on the in-suit observations. At last, we will constantly

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modify the manuscript until it meets the requirements of AMT, and we will strive for an early publication which will make a contribution to SCS-related air-sea interaction research.

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