

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.

X. Zhao

zxf_best@126.com

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The high-quality measurements from the YXASFT are extremely precious for the study of SCS-related air-sea exchange processes. The authors have carried out three works: 1) testing the reliability of the COARE3.0 bulk algorithm in the SCS, 2) comparing the seasonal variations between the WHOI OAFlux products and YXASFT observations, and 3) finding the possible sources of the biases in LHF and SHF. These works are very interesting and important for understanding the effectiveness of the presented algorithm (COARE3.0) and data (OAFlux) when using in the SCS, which is helpful for conducting the future SCS-related works. Looking forward to reading the final copy of

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this paper.

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