

Interactive comment on “Wind and wave dataset for Matara, Sri Lanka” by Yao Luo et al.

Yao Luo et al.

yaoluo@scsio.ac.cn

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AUTHORS' REPLIES TO H. Shi COMMENTS SC 1: The description of the background about wind and wave in this area are not enough. The ms need to be reorganized to clarify the research background. This will get more readers. Authors: in the sea area, the monsoon and swells are very strong. This is a special background. Changes: none.

SC 2: The wind data was effected by the local terrain obviously. But the extent of impact was not there. The authors could make the compare the observed and some database (e.g. CCMP) Authors: Due to the local terrain, the east-north monsoon data only can as a local wind speed. The compare has little value. Since Oct. 2016, a 20m wind tower was built and the data will be added the dataset. Changes: none.

SC 3: Wording. The ms need to be edited carefully. There are several obviously

C1

misspelled and improperly used words in the ms. Authors: accepted. Changes: Line 39: “the southern Asian” — “the Southern Asian”. Line 42: “however, investigations of wind and waves. . . .” — “However, investigations of wind and waves. . . .”.

Please also note the supplement to this comment:

<https://www.earth-syst-sci-data-discuss.net/essd-2017-87/essd-2017-87-AC1-supplement.pdf>

Interactive comment on Earth Syst. Sci. Data Discuss., <https://doi.org/10.5194/essd-2017-87>, 2017.