

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

Anonymous Referee #2

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General comments:

This paper introduces a pioneering observational wind and wave dataset for Matara, Sri Lanka. It provides useful wind and wave in situ information for the users, so it is worth of publication in the journal.

Specific comments:

- 1) It is suggested that the paper should add a brief description of instruments used for the measurements of the parameters, including the type, manufacturer of the instruments and resolution for measuring each parameter.
- 2) For Figure 2, it is suggested to give an overview picture of AWS location and its surrounding environment.
- 3) “which hosts the busiest shipping lanes in the world” is suggested to be revised as

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“which hosts one of the busiest shipping lanes in the world”.

- 4) “IFS improvements”, what “IFS” is referred to?
- 5) “water level every 10 min at a water depth of 20 m”, it is not clearly expressed.
- 6) “therefore, there are significant errors in the measurements, especially for MWD.”, why the errors are caused by measurements, not by the modeling or reanalysis?
- 7) For the term “wind sea”, please check whether it is a standard term.
- 8) English needs further polishing before it is finally published.

Interactive comment

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

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