

Atmos. Meas. Tech. Discuss., author comment AC2
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Reply on RC2

Sasu Karttunen et al.

Author comment on "Quantifying the coastal urban surface layer structure using distributed temperature sensing in Helsinki, Finland" by Sasu Karttunen et al., Atmos. Meas. Tech. Discuss., <https://doi.org/10.5194/amt-2021-428-AC2>, 2022

We thank the reviewer for reviewing our manuscript and providing suggestions for improvements. Here are the responses for the individual suggestions:

Reviewer suggestion: *"L2: the word "coastal" is used twice within the sentence, maybe use "such" for the second one"*

Response: Changed as suggested.

Reviewer suggestion: *"L91: "...above sea level (ASL)." □ since a lot of parameter are abbreviated using capital letters, I would recommend using lowercase letters: asl or a.s.l., but I am unsure if the journal recommend using ASL, in this case, I of course have no saying here."*

Response: As far as we understood, the journal does not have a policy regarding this. We have changed this as suggested. We have also subsequently changed AGL into a.g.l.

Reviewer suggestion: *"L100: Written sectors are also fine, but I always like visualizations: Maybe a pie chart? But this is only a suggestion, the written absolutely works."*

Response: We added the wind sectors and corresponding labels into Fig. 1.

Reviewer suggestion: *L477: "...This was the first time thatthe EC mesaurements..." □ there is a space missing between "that" and "the"*

Response: A space has been added.