

Interactive comment on “Wet and dry deposition of mineral dust particles in Japan: factors related to temporal variation and spatial distribution” by K. Osada et al.

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We thank Professor Y. Shao (Referee #1) for constructive comments with respect to the overall clarity of the article. Modified words and sentences are highlighted as yellow in the text.

Comment #1: It is interesting to observe that mismatches between dust frequency and deposition exist, as shown for example in Figure 5. I feel it is important to understand why such these mismatches occur and what they mean, so that reader develop greater confidence on the dataset.

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Response: Combined with comments offered by reviewer # 2, we found the need to augment the discussion to explain plausible reasons for mismatches with new figures and references.

Comment #2: It is in general a nice paper, but the text can be made somewhat better. For example, P3, L23: "have been observed mainly during spring" may be better simply "occur in spring". P3, L24: "Kosa ... 2012) may be better simply: "Kosa events have been studied not only in relation to atmospheric sciences but also to public health (... , 2012)". P3, L27 "were begun" may be better simply "began" etc. The text should be once more polished.

Response: We corrected these points. The current version of the manuscript has been checked by an English native speaker who is proficient in the editing of scientific documents.

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