

Interactive
Comment

Interactive comment on “Time-span and spatial-scale of regional new particle formation events over Finland and Southern Sweden” by T. Hussein et al.

T. Hussein et al.

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We are aiming to submit a revised version to the ACP and our reply to the reviewer comments included our action and changes done for the revised version.

We thank this reviewer for the useful comments.

Following is a point-to-point reply:

Page 136, line 19. "On median" is not a commonly used term.

–We removed this term from the abstract.

Page 141, lines 24 to 26. "Fine" used four times. Consider replacing with another word, not only to read better, but also because it could be confusing, since "fine

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particles" are usually understood as PM2.5 fraction. This applies to several other palaces in the text.

–The whole sentence was removed because it is very technical. We therefore, replaced it by a citation to a relevant reference.

Page 143, line 19. Replace "visually watching" by "visually inspecting".

–We replaced the word as suggested.

Figures 4 to 5 should have locations of the sites marked.

–We marked the measurement sites with green squares.

In addition, I think that it would be beneficial to include at the beginning a map showing the locations of all the sites, as well as the main directions of air mass movement, as discussed in the text.

–We added a figure in the beginning where the five sites were marked. As for main directions of air masses we see it enough to keep in the text instead of making it on the figures.

Interactive comment on Atmos. Chem. Phys. Discuss., 9, 135, 2009.

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