

Editor decision: Publish subject to minor revisions (review by editor)

by [Andreas Petzold](#)

Public justification (visible to the public if the article is accepted and published):

Dear Nikolaos,

I am happy to accept the revised manuscript for publication in ACP after few minor revisions have been implemented.

1. The abstract exceeds the word count of 250 by about 40 words. Please shorten accordingly.

Response: The abstract was shortened now to 246 words (see Manuscript with Track Changes).

2. In line 217 you write "The aerosol pavilion takes place approximately half a km ...". I guess you mean "the aerosol pavilion is situated ... " If so, please rephrase.

Response: Corrected! Please check Line 182 (Manuscript with Track Changes).

3. in line 831 you write "Higher magnitude (around 4-5 times) in comparison with multi-year observations at high latitude polar stations in European Arctic ..." I guess you mean higher values of the light absorption coefficient. Please rephrase.

Response: Corrected! Please check Line 621 (Manuscript with Track Changes).

4. Please check all axis titles and units for readability in the printed version. For some of the figures the numbers at the axes seem very small for final size.

Response: We have tried to increase the fontsize in all axes to achieve better readability of the manuscript (please see manuscript with Track Changes). If this is not enough, I would guess we will receive another message, while in typesetting.

I am looking forward to the final version of your manuscript and will accept immediately after receipt and checking.

Best wishes
Andreas