

Reply to the Editor concerning the minor revision for the manuscript: „Pollution affects Arabian and Saharan dust optical properties in the Eastern Mediterranean“ by Teri et al.

We would like to thank the two reviewers and the editor for their time to review this manuscript, and for their comments which helped us to improve the manuscript.

In the following, the comments raised by the editor and reviewers are marked in blue. Our answers are given in black and also include a description of changes made to the manuscript.

Comments from the Editor:

Before submitting your production files, please shorten the abstract to maximum 250 words, as stated in the Author's guidelines.

The abstract was shortened.

Please consider the Notification to the authors from review file validation when preparing the production files.

The notification to the authors was considered. Please see below for details.

Notification to the authors from review file validation:

Please ensure that the color schemes used in your maps and charts allow readers with color vision deficiencies to correctly interpret your findings. Please check your figures using the Coblis – Color Blindness Simulator (<https://www.color-blindness.com/coblis-color-blindness-simulator/>) and revise the color schemes accordingly with the next file upload request.

Please re-check whether Figures 7, 8, 11 can be interpreted incorrectly by users with color vision deficiencies.

Figure 8a: The palette for the SSAAE was changed. We used the option turbo of the Viridis package, specifically designed to make reading easier for people with color blindness.

Figure 8b: The colors were slightly modified, and different shapes were used for the different pollution types.

Figure 7: The colors do not seem hard to read for people with color blindness. Thus, we left the color, but we used two different shapes for the two mineral dust types.

Figures 11 and 12: The colors were modified.

Editorial comments from Referee #2: François Dulac

- Line 185: a space should be shifted from after to before the citation of Schöberl et al.

Done

- Line 299: spare space to be removed at end of line before the final dot.

The extra space seems to be present only in the track-change version.

- Line 305: rather replace “on” by “at”.

Done

- Line 325: “contents” (plural).

Done

- Line 362: “to a higher” (see beginning of the sentence).

Done

- Line 571: move Horvath et al. (2018) citation after Kim et al. (2011).

Done

Additionally, we have also adapted the references to the figures in the supplement to the new figure numbers.