

Changes for final publications:

1. authors:

Mahnoosh Haghghatnasab's new affiliation was added

2. dataset:

The data doi was added to the abstract (line 18) and in the text (line 223).

Now the dataset is listed as required in abstract, text, data availability section and reference list.

3. color schemes:

As requested we have adjusted all color schemes to be more color blind friendly by using <https://www.color-blindness.com/coblis-color-blindness-simulator/>. The content or description of the plots did not change!

4. Figure 7(b):

Instead of using 3 types of sea salt (SS) being displayed, we chose to show sea salt as a single component which naturally consists of the three types. This is easier as 1) sea salt does actually not show any noticeable contribution to this bar chart after all and it would be exaggerated to separate various types, and 2) this way the colors are consistent to the other plots where the four CCN species (SU, BC, OM & SS) are distinguished.