

I think the paper could be published after a technical correction.

[Referee's comment] 3. Figs. 5, 6, and 7. The legends indicating the urbanization (e.g., residential area) are necessary.

[Our response] We are afraid that we do not understand what exactly this particular comment suggested. It may be unclear what the red and green rows mean when these figures are inspected alone. In the caption of Figure 5, we thus added the following sentence: "Rows for the eight polluted and six pristine observatories are indicated in red and green, respectively." We did not add this sentence to Figures 6 and 7 because the captions for Figures 6 and 7 refer to that for Figure 5.

[Response to authors]

The explanations for the map symbols showing the urban area are necessary.

I guess that the symbols, , and  show buildings or residential area.