

Technical corrections:

1) L19: “The results revealed that the value of eBCMSD in both Changzhou and Beijing increased with increasing pollution.” The meaning of “the value of eBCMSD” is not clear. Does it mean mass concentration level or particle size? If it means concentration, it seems obvious that it increases with increasing pollution. Please consider the revision.

Response: Thank you for your comments. The meaning of “the value of eBCMSD” is mass concentration level. This sentence is removed in the revised manuscript.

2) L118: “at could by”. Please correct this sentence.

Response: Thanks for your comments. This sentence is corrected in the revised manuscript.

3) L120: “Where” should be “where”.

Response: Thanks for your comments. “Where” is changed to “where” in the revised manuscript.

4) L188: Please specify the wavelength for these refractive indices.

Response: Thank you for your comments. The wavelength for these refractive indices is specified in the revised manuscript.