

Comments to the Author:

The authors have reasonably addressed the comments of the three anonymous referees. However, I have a number of (mostly minor) comments that need to be addressed before this manuscript can be published in ACP.

Response to the Co-Editor:

The authors have addressed the comments of the Co-Editor, as detailed below.

For the main text:

Line 80: Replace "their source" by "its sources".

Replaced accordingly.

Line 99: Replace "30 min" by "30-min".

Replaced accordingly.

Line 124: Replace "30 minutes" by "30-min".

Replaced accordingly.

Line 129: Replace "70eV" by "70 eV".

Replaced accordingly.

Line 154: Replace "are sampled" by "was sampled".

Replaced accordingly.

Line 175: Replace "Briefly PMF" by "Briefly, PMF".

Replaced accordingly.

Line 177: Replace "to classical" by "to the classical".

Replaced accordingly.

Line 212: Replace "fractions>40%" by "fractions >40%".

Replaced accordingly.

Line 220: Replace "ACSM also" by "ACSMs also".

Replaced accordingly.

Line 382: Replace "guidelines given" by "guideline given".

Replaced accordingly.

Lines 404, 412, 415, 455, 456, and 466: Replace "night time" by "night-time".

Replaced accordingly.

Line 442: Replace "variations show" by "variations shows".

Replaced accordingly.

Line 459: Replace "the decreasing of" by "the increasing of".

Replaced accordingly.

Line 465: Replace "characteristics of" by "characteristic of".

Replaced accordingly.

Line 1052: Replace "Slopes of mass vs volume are in g/cm3 and" by "Slopes are in g/cm3 for mass vs volume and".

Replaced accordingly.

Line 1084: Replace "averages in" by "averages as a".

Replaced accordingly.

Line 1085: Replace "of events" by "of pollution events".

Replaced accordingly.

For the Supplementary Material:

Line 22: Replace "represents the" by "represent the".

Replaced accordingly.

Line 32: Replace "(Crenn et al., 2015)" by "Crenn et al. (2015)".

Replaced accordingly.

Line 104: Replace "for SA analysis" by "for source apportionment (SA) analysis".

Replaced accordingly.

Line 150, Table S2: The data in this table are hard to read; I suggest increasing the font size.

The font size of Table S2 has been increased accordingly.

Line 185: "Kroll et al. (2011)" is missing in the Reference list.

"Kroll et al. (2011)" has been added in the reference list accordingly.

Line 187: Replace "in function" by "as a function".

Replaced accordingly.

Line 188: Replace "2 events" by "2 pollution events".

Replaced accordingly.