

I would like to thank the Editor for the suggestions, how to improve the English style of the text.

Here is the list of changes. We also made many other improvements after consulting with the English speaking specialist. All changes are shown in the file with tracking marks.

Line 22: "relatively low BC/PM10 ratio (for urban regions) of 4.7%"

Done

- Line 29: consider using microgram per m³ instead of milligram per m³ as PM10 units

Done in this and in similar places.

- Line 33: "although there was a slight increase in..."

Done

- Line 38: "compensating for the increase..."

Done

- Line 41: "(Seinfeld and Pandis, 2016)". There are also other formatting issues with the references.

These can be fixed in the post acceptance editing stage.

Done. We also made some other corrections in the references

- Line 77: "for reliable estimations of"

Done

- Line 89: This sentence does not make sense. Moscow is not in North America. Perhaps rephrase to "Air pollutant levels in Moscow are consistent with those in other megacities in Europe and North America."

Done.

- Line 91-94: Also an awkward sentence. Rephrase based on the previous suggestion.

New variant is the following:

The levels of BC concentration are similar to those in European cities, that indicates the comparable impacts of major urban sources such as traffic with intensive implementation of modern environmental requirements, heating power plants, and manufacturing industries (Popovicheva et al., 2020, Popovicheva et al., 2022).

- Line 116: replace "in operation by" with "operated by"

Done

- Line 117: should it be "MosEcoMonitoring"?

No. The initial variant is right.

- Line 137: reference is not complete

Since this is a book, the reference was changed to (Chubarova, 2020)

- Line 144: unclear what "It" in "It is calculated by..." is referring to

Done.

New variant is "This index is calculated"

- Line 211: "we mainly consider the simulation of the anthropogenic..."

Done

- Line 218: "over the Moscow megacity"

Done

- Line 222: "In a similar manner..."

Done

- Line 257: "is in agreement with"

Done

- Line 275: This sentence "Note, that over remote areas in Paerne (Switzerland) and Reunion Island (France) BC concentrations comprise 0.4-0.5 $\mu\text{g}\text{m}^{-3}$ according to (Gerich et al., 2011, Bhugwant and Brémaud, 2001)" contain multiple grammatical errors. Please correct.

This sentence has been changed to:

Over remote unpolluted areas, however, BC concentrations are about 0.4-0.5 $\mu\text{g}\text{m}^{-3}$ (Bhugwant and Brémaud, 2001; Herich et al., 2011).

Line 288: remove "an"

Done

Line 295: grammatical error

Removed.