

Response to the remarks from the preceding review file validation

1. If the punctuation marks ". . ." in the section "References" denote some unlisted co-authors, we kindly ask you to change them to the last names and initials. Please see more: <https://www.atmospheric-chemistry-and-physics.net/submission.html#references> 2.

Reply: The punctuation marks have been removed from the references.

2. It seems that table is included as figure #4. If it is so, it should be re-labelled as table and the references in the manuscript text should be adjusted accordingly. A table may be inserted as an image, but still be called as a table.

Reply: Figure 4 was renamed as Table 1. The respective image file is added.

3. On request by the copyright permitting institution IPCC, the caption to Figure 1 has been adapted to

“Figure 1. Coverage of the main contributors to the observed warming, only the variable “Land-use reflectance and irrigation” is not covered by the ATMO-RIs; the figure is adapted from Figure SPM.2 in IPCC, 2021: Summary for Policymakers (IPCC, 2021b).