

Review of “African Anthropogenic Emissions Inventory for gases and particles from 1990 to 2015” by S. Keita et al. submitted to ESSD in 2020

By Keita et al.

Response to Editor comments

Dear Editor,

First, we would like to thank the Editor and reviewers for their positive comments and their suggestions to improve the quality of this document. All the questions were treated and our document was fully revised taking into account all the comments. The paper and figures were modified as a result of the different suggestions and remarks.

We have indicated the Editor comments in black, the author responses **in blue** and the changes in the revised manuscript **in red**.

Editor comments

Topical Editor Decision: Publish subject to minor revisions (review by editor) (18 May 2021)
by Mauricio Osses

Comments to the Author:

Please correct the format of series in Figures 4, 5 and 7.

1) Make sure the name of each sector is always the same. Figure 5 says "Other sectors" while other figures are named "Other sector".

Thanks for this observation, the name is “other sectors” : this has been corrected in line 303, Figures 4, 5 and 7.

2) Waste and Flaring are indicated with/without capital first letter, harmonise all names with the same format.

This has been corrected in Figure 4, 5 and 7

3) I suggest using the same series color for the same sectors. Figures 4 and 5 are different than figures 7a/7b, but the sectors are still the same. Ideally, use the same series order to facilitate comparison.

The same series color are now used for the same sectors for Figures 4a/4b, 5 and Figures 7a/7b.