

## ***Interactive comment on “Current and future levels of mercury atmospheric pollution on global scale” by Jozef M. Pacyna et al.***

**Jozef M. Pacyna et al.**

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Comment 1:

More information on how the emission inventories were constructed has been added to the support material (Annex A).

Comment 2:

Agree. The changes were introduced to the manuscript.

Comment 3:

Agree. Indeed, the evasion of Hg from soils and oceans seem to be more re-emitted legacy anthropogenic sources rather than natural sources. Appropriate changes were introduced to the manuscript.

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Comment 4:

An appropriate discussion included.

Comment 5:

Detailed discussion of the chemistry is beyond the scope of the paper. Nevertheless, the text on applied chemical schemes has been revised in line with recommendation of the reviewer.

Comment 6:

New literature sources added.

Specific editorial comments:

Page 4: Fig. 1 moved to Annex A

Page 5: Information added

Page 9: Done

Page 10: The description of model parameterization of re-emission processes, atmospheric chemistry and air-water exchanged ahs been revised.

Page 11: The text and the references have been updated.

Page 13: Appropriate discussion added

Page 14: Corrected

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