

Interactive comment on “Global mercury emissions to the atmosphere from anthropogenic and natural sources” by N. Pirrone et al.

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1 Comments to Dr. J. Pacyna

We would like to thank very much Dr. J. Pacyna for his comments. As Dr. Pacyna knows, since he is directly involved, the discussion about the relative contribution of natural sources vs. anthropogenic vs. re-emissions from water and top soil is a subject of debate in all specialized meetings related to mercury. Progress on techniques to estimate re-emissions of mercury from oceans and fresh waters, top soil (including

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contaminated soils) and vegetation, and snow/ice pack as well as speciation of mercury in atmosphere, especially the reactive mercury components in the gas phase, has been modest in recent years.