

Interactive comment on “Critical assessment of the current state of scientific knowledge, terminology, and research needs concerning the role of organic aerosols in the atmosphere, climate, and global change” by S. Fuzzi et al.

S. Fuzzi et al.

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We would like to thank the three Reviewers for their careful review of the manuscript and for the comments which we highly appreciated. We will revise in due time the manuscript according to the suggestions of the Reviewers and replies will be provided to their specific points. We feel, however, that one concern expressed in particular by Reviewers 1 and 2 can immediately be addressed, i.e. why another review on the role of organic aerosol in the atmosphere is needed. More specifically, Reviewer 2 argues that the review by Kanakidou et al., published earlier in 2005 on the same journal,

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covers very similar topics. Perhaps the manuscript has failed to put the content of the paper in the context of the previous papers on the same issue, and the revised version that is being prepared will certainly do a better job in this respect. It is however important to outline that this paper is not aimed at providing a comprehensive literature review on the issue, but instead wants to be problem-oriented and forward-looking, addressing more conceptual aspects, as e.g. the issue of common terminology, and prioritising issues connected to organic aerosols and their effects on the environment and climate, providing the basis for future international collaborative efforts on this extremely complex subject. It is with this approach in mind that the paper will be revised. Sandro Fuzzi (on behalf of all co-Authors)

Interactive comment on Atmos. Chem. Phys. Discuss., 5, 11729, 2005.

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