

Interactive comment on “Ozone Monitoring Instrument spectral UV irradiance products: comparison with ground based measurements at an urban environment” by S. Kazadzis et al.

S. Kazadzis et al.

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Author Comment – Response to Reviewer #1

We would like to thank the reviewer for his/her comments. We agree that the proposed methodologies can be used for an OMI/UV post correction procedure. As a matter of fact we are trying to implement part of the methodologies addressed in this work for correcting the current level OMI UV data. For that purpose there is work in progress in order to apply these methods to OMI UV data overpasses from other available UV monitoring sites in order to see possible improvements.

Reviewer comments:

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Single scattering albedo was clarified to be a columnar property.

Comments 1,2,3 and 5 were corrected as suggested

4. Reference added: Balis, D. S., Amiridis, V., Zerefos, C., Kazantzidis, A., Kazadzis, S., Bais, A. F., Meleti, C., Gerasopoulos, E., Papayannis, A., Matthias, V., Dier, H., and Andreae, M. O.: Study of the effect of different type of aerosols on UV-B radiation from measurements during EARLINET, Atmos Chem. Phys., 4, 307–321, 2004, <http://www.atmos-chem-phys.net/4/307/2004/>. 17989

Interactive comment on Atmos. Chem. Phys. Discuss., 8, 17467, 2008.

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