

Answer to reviews for ms amt-2018-25 - Formenti et al., Aerosol optical properties derived from POLDER-3/PARASOL (2005-2013) over the western Mediterranean Sea: I. Quality assessment with AERONET and in situ airborne observations

Dear editor,

Thank you for the acceptance of our revised manuscript. We have performed all the technical corrections requested.

The reference to where the quality flag index is defined has been added in the “Data availability” section as follows:

“POLDER-3 data extraction was performed with the program PARASOLASCI (http://www-loa.univ-lille1.fr/~ducoc/public/parasolascii/). This version is made available from the AERIS Data and Service Center (http://www.icare.univ-lille1.fr/parasol). [Technical details are described at http://www.icare.univ-lille1.fr/projects_data/parasol/docs/Parasol_Level-2_format_latest.pdf](http://www.icare.univ-lille1.fr/projects_data/parasol/docs/Parasol_Level-2_format_latest.pdf). The definition of the flag index is detailed at page 18 (parameter: quality of the fit)”.

Best wishes,

Paola