

General comments:

Mateos et al., 2014 presents aerosol radiative effect (ARE) obtained at six Iberian sites in different period for each station covering from 2000 to 2012. Also, the aerosol forcing efficiency (AFE) is obtained. Both magnitudes were calculated in the UV, VIS, NIR, and SW spectral regions. The paper addresses relevant scientific questions within the scope of ACP.

The principal objective of the paper is to analyze the behavior or trend in aerosol optical properties and its radiative effect to produce a characterization of the aerosol over the Iberian Peninsula.

The authors successfully achieved a manuscript with better quality than the previous version. They completed the corrections suggested by the reviewer. I have only some suggestion of minor technical corrections, outlined below. I propose to approve the paper for publication, after minor technical corrections.

Specific comments:

No sense of summation with $d\epsilon$ in equation 2

Line 266-267 repeated phrase "different distribution"

Line 272 "...is in line..." ???

Line 961 and 968 Figure 8 and 9 axis X title "...group"

In the section "references" there are some "et al.", could you complete the list of authors?