

Interactive comment on “Comparative Analysis of MODIS, MISR and AERONET Climatology over the Middle East and North Africa” by Ashraf Farahat

Anonymous Referee #2

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The author of this manuscript has done quite interesting work, well analyzed “Comparative Analysis of MODIS, MISR 1 and AERONET Climatology over the Middle East and North Africa”. In general the manuscript is interesting and well written. The results have been presented and discussed well and thoroughly. In my opinion, the topic discussed in this paper is suitable for publication. Overall I recommend acceptance of this paper for publication with minor revisions. Please see the specific comments below.

Minor comments:

Line 11: please insert comma after MISR Line 15: please check the grammar, i.e. MODIS/terra AOD indicates instead of indicate Line 33: please use like this “that has major effects on human activities in the Arabian” Line 42-43: please make it clear to the reader. Line 121: please rephrase the sentence. Line 136-137: please rephrase the

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sentence. Line 142: please mention the name of satellite Line 147-149: please revise the sentence. Line 158: The authors have mentioned that they have used second approach in this study. Why did the authors not use the first approach? Line 176: The authors have used only two statistics parameters to validate the satellite data. It is suggested to use more parameters for the validation. It is also observed that authors have not mention the value of statistical parameters in the figures. Line 196: please correct number of equations in the text.

Table 2: Caption of table should be precise and general and table value should match according to the caption e.g RMSE is mentioned in the caption but not presented in the table, G-fraction and Gfraction should same in the text. Table 3: Like statistics for biomass and mixed, parameter as in table 2 (but you mentioned parameter as table 3) Second column of each table should be same if they belongs to same category. It will confuse the reader, like in table 2, you used ‘sensor’ but in table 3 you changed sensor to ‘method’ but they are the same indeed. It will confuse the reader

Table 4: Caption of table 4 is again confusing MISR coverage but in the body of table MODIS, MISR and AERONET are all showing their coverage

FIGURE 1: Check the grammar of caption of figure1 e.g. “The numbers on the map indicate, not indicates” What is the source of this fig? Please combine figure 2 and 3 because they are the same actually just with different satellite data

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