

REVIEWER COMMENTS

JOURNAL OF MINING AND EARTH SCIENCE (JMES)

(First Assessment)

Article title: *Combination of satellite and ground-based observations to retrieve aerosol optical depth over urban and rural areas*

Please use this guide to assist you in formulating your comments on the review form below:

(Please, **double-click on one square** for your selection)

1. Initial points to be considered:

- Does the subject fall within the scope of the journal? Yes No
- Is this a novel and original contribution? Yes No
- Are interpretations and conclusions sound, justified by the data and consistent with the objectives? Yes No
- Is the material too clinical, too specializes or too preliminary for our readership?
 Yes No

If your answers (s) to any of the above points suggest that the paper is not suitable for the journal, please give clear argument for rejection on the review form:

2. If the paper is appropriate for review, then please consider the following:

- Does the title clearly reflect the contents? Yes No
Comment: "*The retrieval of aerosol optical depth using satellite data associated with ground-based observations over urban and rural areas*".
- Is the abstract sufficiently informative, suitable to appear on the journal? Yes No
Comment: *Could you add accuracy of achieved results from the experiment?*
- Are keywords appropriate? Yes No
Comment: *Please use one or two words for each keyword, remove: "method" and "approach".*
- Is the statement of the article adequate and appropriate in view of the subject matter?
 Yes No
Comment:
- Is the description of materials and methods sufficiently informative to allow replication of the experiment? Yes No
Comment:
- Are the statistical methods used correct and adequate? Yes No
Comment:
- Are the results clearly presented? Yes No
Comment:
- Is the organization of the article satisfactory? Yes No

Comment:

- Does the content justify the length? Yes No

Comment:

- Are the figures, photos and table all necessary, complete and clearly presented?
Yes No

Comment:

- Formulas (1), (2), (3), (4), (5), and (7): Need add annotation;
- Fig. 4, 6, 8, and 9: Need add ruler scale; Fig.8: Need add coordinate frame;
- Fig.3 and Fig.8: Size text of figure should be equal size text of manuscript;
- Fig.4 is NOT land cover map;
- Fig. 6: The caption should be changed: left -> above; right -> below;
- Fig. 9 : Color of legend should be similar to Fig.5.

- Are the references adequate? Yes No

Comment:

- Is the English correct and understandable to a multidisciplinary and multinational readership? Yes No

Comment:

3. Recommendation to the Editor:

- Acceptance with no revision
- Acceptance with minor revision
- Acceptance with major revision
- Rejection

January/31/2019

Signature of Reviewer

Date (Month/Day/Year)



Nguyen Van Trung

Name of Reviewer (Please type or print)

Title (Please type or print)

Addition comment/guide to the author for:

1. Abstract:

2. Introduction:

Why the authors choose two methods: (a) dispersion coefficient and (b) dark target over urban and rural, respectively? Please cite previous studies that apply those methods and effectiveness of those studies. Could you explain your selection for used methods and study area based on previous studies?

3. Methods:

4. Results:

In subsection 4.1.2 and 4.2.2, Please show what percentage is within the limit of EE is accepted.

5. Discussion:

Please discuss about the accuracy of archived results of each method and suitability for each study area.

6. References: