

***Interactive comment on “A simple method for retrieval of dust aerosol optical depth with polarized reflectance over oceans” by Wenbo Sun et al.***

**Anonymous Referee #2**

Received and published: 5 November 2019

The paper “A simple method for retrieval of dust aerosol optical depth with polarized reflectance over oceans” is aimed at the development of the technique to retrieve dust aerosol optical depth using spaceborne observations. Unfortunately I can not recommend this paper for publication. Actually the authors do not describe their technique to solve the inverse problem in the paper. They also do not show the validation results. They state that there is no robust method for remote sensing of aerosols based on polarized radiation measurements. This is not true ( please, see the papers by Dubovik, Hasekamp, Herman, etc.).

---

Interactive comment on Atmos. Chem. Phys. Discuss., <https://doi.org/10.5194/acp-2019-713>,

C1

2019.

C2