

Interactive comment on “Effective aerosol optical depth from pyranometer measurements of surface solar radiation (global radiation) at Thessaloniki, Greece” by A. V. Lindfors et al.

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General comments

The authors developed a method to estimate the aerosol optical depth from the surface solar radiation (SSR). SSR has been measured worldwide in the long term, and their method will be useful to study the role of aerosols in the climate changes. The method is explained in detail, and the uncertainties due to the assumptions in the method are described enough. I recommend this paper to be published in ACP.

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