

Interactive comment on “Surface global and diffuse solar radiation over China acquired from geostationary Multi-functional Transport Satellite data” by Hou Jiang et al.

Anonymous Referee #2

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Hou et al. have posted his response to Referee #2. However, we still think that this article should be rejected for publication. A manuscript or similar contents submitted on two magazines is not only seriously against the innovative principle of academic research, but also against scientific morale. This article is highly repetitive with your previous article published on “Renewable and sustainable energy reviews” (<https://doi.org/10.1016/j.rser.2019.109327>). Even some figures are copied from the article on RSER. Meanwhile, Tang et al. (2019) have published an article named “A 16-year dataset (2000–2015) of high-resolution (3°h, 10°km) global surface solar radiation” on ESSD. He generated a global solar radiation dataset with high accuracy, high spatial resolution and high temporal resolutions. What is your merit of your global

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solar radiation data compared with that of Tang's? AI method could not explain the physical mechanism of the radiation dumping process on solar radiation. The diffuse solar radiation dataset is very valuable for solar researches and application. Thus, we suggested the author deleted the duplicated part of this article and resubmitted.

Interactive comment on Earth Syst. Sci. Data Discuss., <https://doi.org/10.5194/essd-2019-209>, 2019.

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