Tue M Vu

From: scientificreports@nature.com Friday, July 07, 2017 7:57 AM Sent:

Tue M Vu To:

Subject: Final Decision made for SREP-17-11952A

Dear Dr. Vu:

Thank you for your help with manuscript SREP-17-11952A, "Investigating the relationship between Aerosol Optical Depth and Precipitation over Southeast Asia with Relative Humidity as an influencing factor", which you recently reviewed for Scientific Reports.

For your records, the decision for this manuscript, based partly on your input, was Minor revision. A full copy of the comments to authors is appended, below.

Your assistance and participation in the review process for Scientific Reports is greatly appreciated.

Best regards,

Manuscript Administration Scientific Reports 4 Crinan Street London N1 9XW E-mail: scientificreports@nature.com

Referee comments to the authors:

Reviewer #1:

Remarks to the Author:

- 1. The results are based on the statistical relation, you can introduce some previous study to talk about the possible mechanism of RH to precipitation. I suggest the papers bellow can be cited.
- [1] Huang, J., P. Minnis, B. Lin, Y. Yi, M. Khaiyer, R. Arduini, A. Fan, and G. Mace, Advanced retrievals of multilayered cloud properties using multispectral measurements, Journal of Geophysical Research, 110 (D15) (2005), D15S18, doi:10.1029/2004JD005101.
- [2] Liu, Y., et al., Aerosol optical properties and radiative effect determined from sky-radiometer over Loess Plateau of Northwest China, Atmospheric Chemistry and Physics, 11 (22) (2011), 11455-11463, doi:10.5194/acp-11-11455-2011.
- [3] Chen S., J. Huang, L. Kang, H. Wang, X. Ma, Y. He, T. Yuan, B. Yang, Z. Huang, and G. Zhang (2017). Emission, transport and radiative effects of mineral dust from Taklimakan and Gobi Deserts: comparison of measurements and model results. Atmospheric Chemistry and Physics, 17(3):1-43, doi: 10.5194/acp-17-2401-2017.