

Interactive comment on “Radiative Forcing by Light-Absorbing Particles in Snow in Northeastern China Retrieved from Satellite Observations” by Wei Pu et al.

Anonymous Referee #1

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The persistent snow cover in NEC is fairly sparse, thus the forcing by BC and other light-absorbing particles deposited into the surface has no significant sense from this view. And the authors used a remote sensing method to try describing a more uncertainly-locating nature is a far-fetching measure. Therefore, they are strongly suggested to only use in-site measurements (incoming solar radiation, albedo, absorption and etc.) to quantify the absorption due to BC on the snow surface and estimate the forcing directly, instead of using an unprecise ruler to measure a farther object.

Interactive comment on Atmos. Chem. Phys. Discuss., <https://doi.org/10.5194/acp-2018-1306>, 2019.