

Interactive comment on “Ice nucleation properties of mineral dust particles: Determination of onset RH_i , IN active fraction, nucleation time-lag, and the effect of active sites on contact angles” by G. Kulkarni and S. Dobbie

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Dear Authors,

In my experience with mineral ice nuclei and dusts, including some from the Sahel, I have never found a mineral dust sample that did not contain appreciable organic matter. Usually the organic matter contained the ice nuclei. You may wish to heat your soil samples to destroy the organic component and then retest them for IN content. I would be very surprised if the IN activity was not reduced in the samples with the

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organic material degraded.

Cheers,

Russ Schnell

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