

Supplemental Materials

for

Improved dust emission reduction factor in the ADAM2 model using real-time MODIS NDVI

Sang-Sam Lee *, Yun-Kyu Lim, Jeong Hoon Cho, Hee Choon Lee, and Sang-Boom Ryoo

Cum. Dust-rise Occ. Prob. Func. (Gobi) [2007-2016, wc = 07]

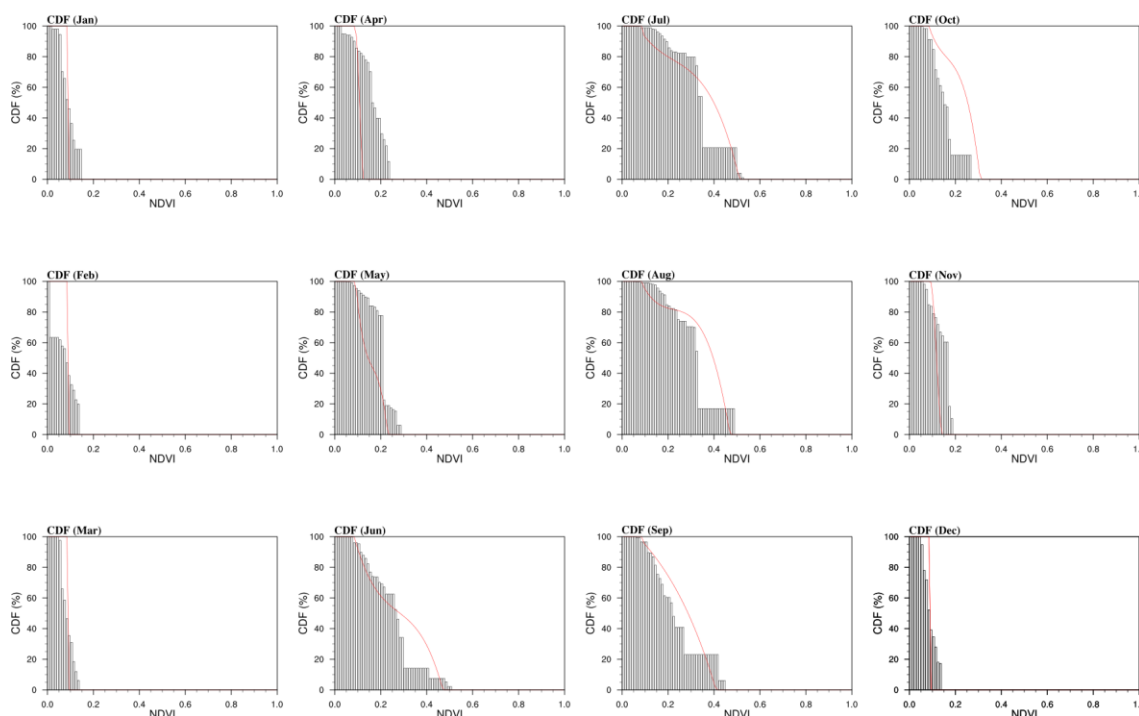


Figure S1. The cumulative dust-rise occurrence probability function (CDF) in Gobi soil type region for each month. The red line indicates the CDF in Park et al. (2010).

Cum. Dust-rise Occ. Prob. Func. (Sand) [2007-2016, wc = 07]

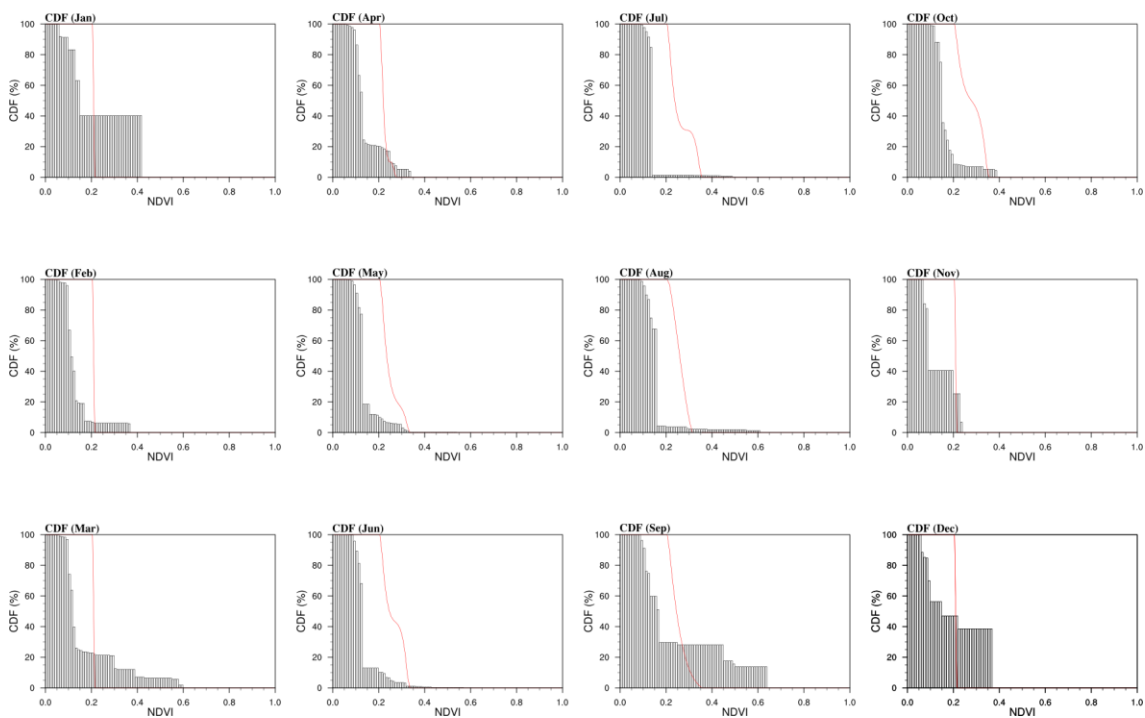


Figure S2. The same as Figure S1 except for the Sand soil type region.

Cum. Dust-rise Occ. Prob. Func. (Loess) [2007-2016, wc = 07]

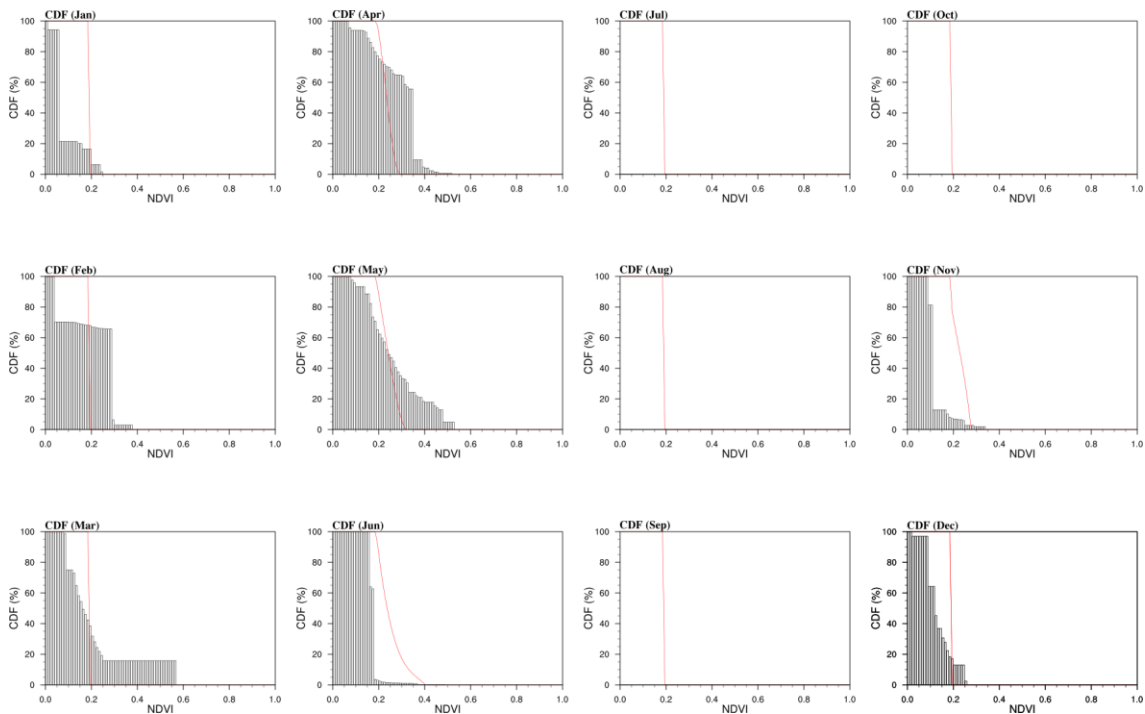


Figure S3. The same as Figure S1 except for the Loess soil type region.

Cum. Dust-rise Occ. Prob. Func. (Mixed) [2007-2016, wc = 07]

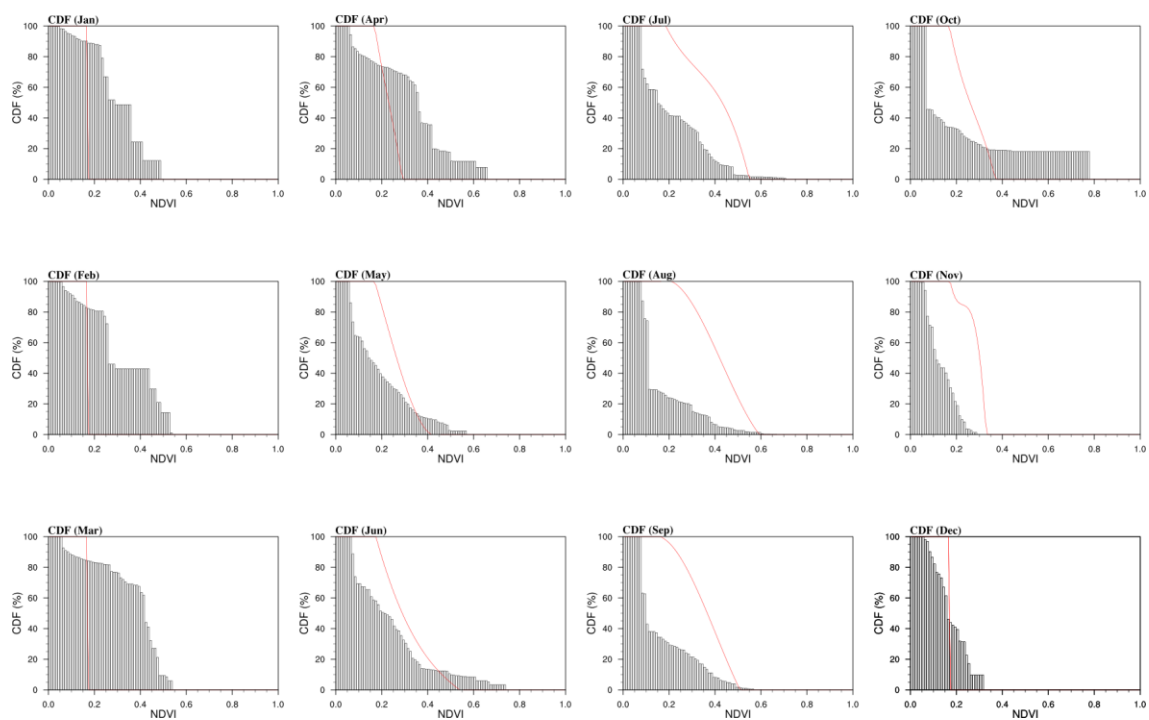


Figure S4. The same as Figure S1 except for the Mixed soil type region.