

Interactive comment on “Global direct aerosol radiative forcing, as constrained by comprehensive observations” by Chul E. Chung et al.

Chul E. Chung et al.

eddy.chung@dri.edu

Received and published: 4 March 2016

Thanks for better understanding our paper. You are quite right about your calculations (i.e., adding anthropogenic dust and subtracting natural BC). We also need to further subtract the contributions from natural sulfate, natural organic aerosol and natural nitrate. These aerosols give a cooling and so subtracting these aerosols make the net forcing less negative. This is why we said that the forcing is less negative than the consensus. We will make this clearer during the revision.

Interactive comment on Atmos. Chem. Phys. Discuss., doi:10.5194/acp-2016-30, 2016.

Printer-friendly version

Discussion paper

