



Supplementary Materials

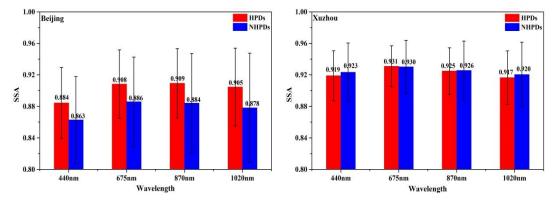


Figure S1. Averaged SSA with AOD 440 nm > 0.4 on HPDs and NHPDs in Beijing and Xuzhou.

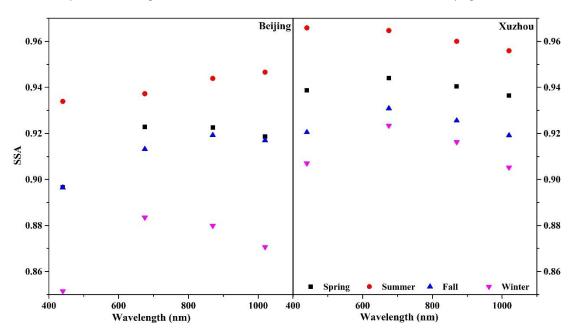


Figure S2. Seasonal averaged SSA with AOD440 nm > 0.4 on HPDs in Beijing and Xuzhou.

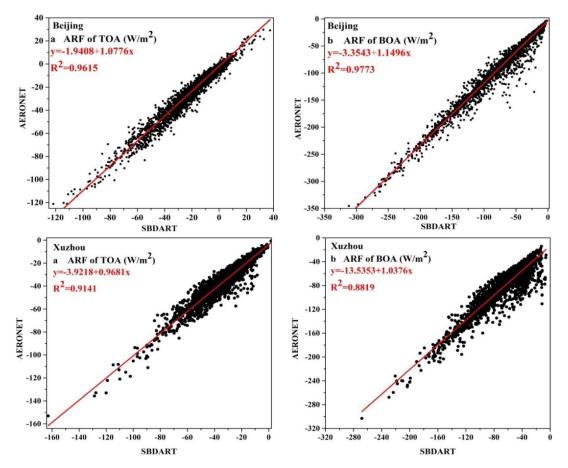


Figure S3. Comparison between SBDART-simulated and AERONET-retrieved direct aerosol radiative forcing.