



Corrigendum to

“The magnitude and causes of uncertainty in global model simulations of cloud condensation nuclei” published in Atmos. Chem. Phys., 13, 8879–8914, 2013

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In the paper “The magnitude and causes of uncertainty in global model simulations of cloud condensation nuclei” by L. A. Lee et al. (Atmos. Chem. Phys., 13, 8879–8914, 2013), older versions of Figs. 8 and 11 were displayed. Please find the correct figures on the next two pages. The principal change concerns the ranking of the boundary layer nucleation rate (BL nucleation).

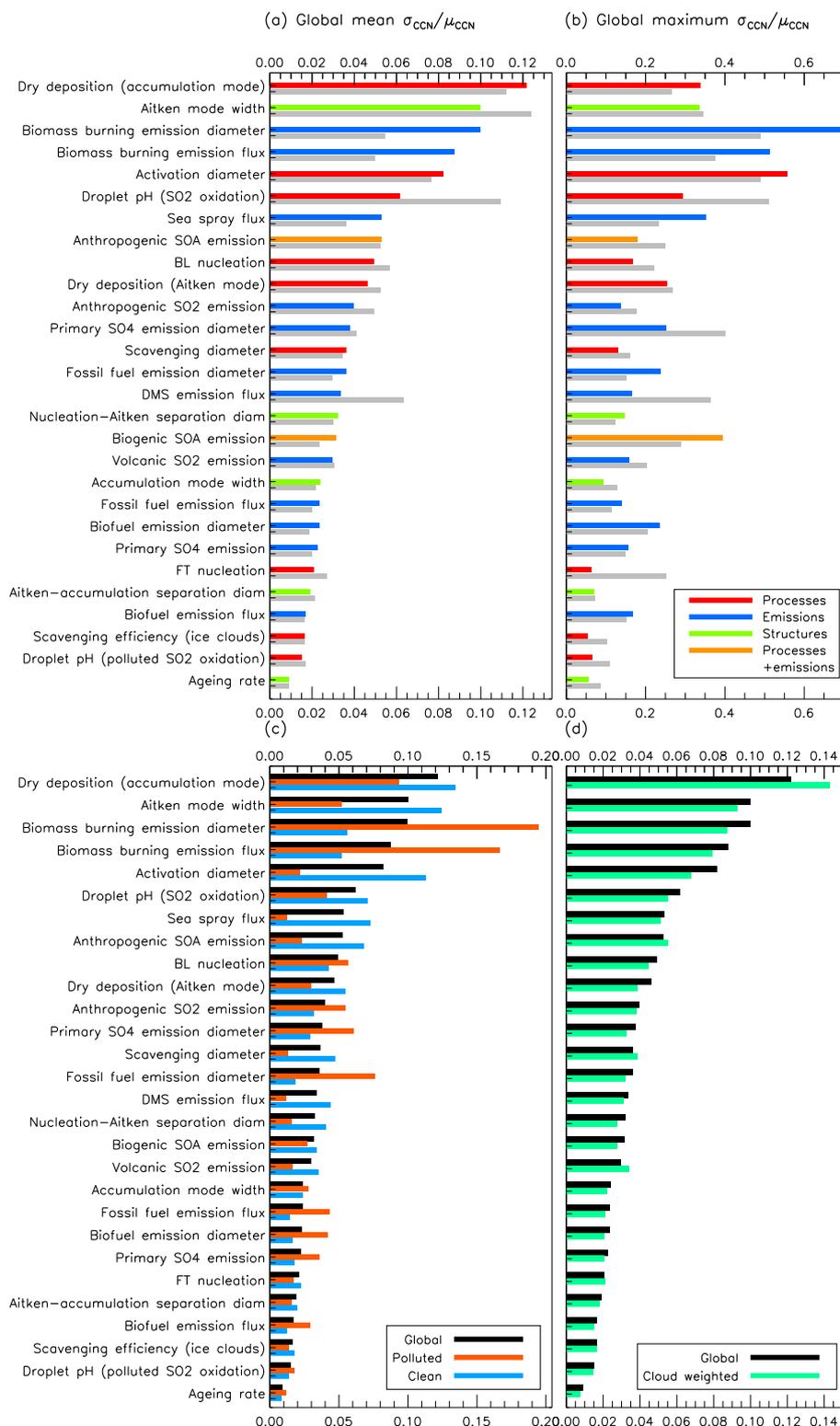


Fig. 8. Global summary of the ranked parameter uncertainties for CCN. **(a)** Global mean $\sigma_{CCN,i}/\mu_{CCN}$, where i is the parameter calculated by globally averaging $\sigma_{CCN,i}/\mu_{CCN}$ over all grid boxes, weighting by grid-box area. The ranked uncertainties are shown in colour for July and in grey for January. The colours show the classification of the parameters according to model processes (red), emissions (blue), processes and emissions (orange) and the model structure (green). **(b)** Global maximum $\sigma_{CCN,i}/\mu_{CCN}$ calculated over a coarser grid (32×16 grid boxes) than the GLOMAP grid (128×64 grid boxes) in order to suppress noise in the data. **(c)** Stratified into polluted and clean mean $\sigma_{CCN,i}/\mu_{CCN}$ for July. Polluted is defined as $BC > 100 \text{ ng m}^{-3}$ and clean as $BC < 50 \text{ ng m}^{-3}$. The black bars are July global means from **(a)**. **(d)** Global rankings for July are weighted by ISCCP global low level cloud volume fraction.

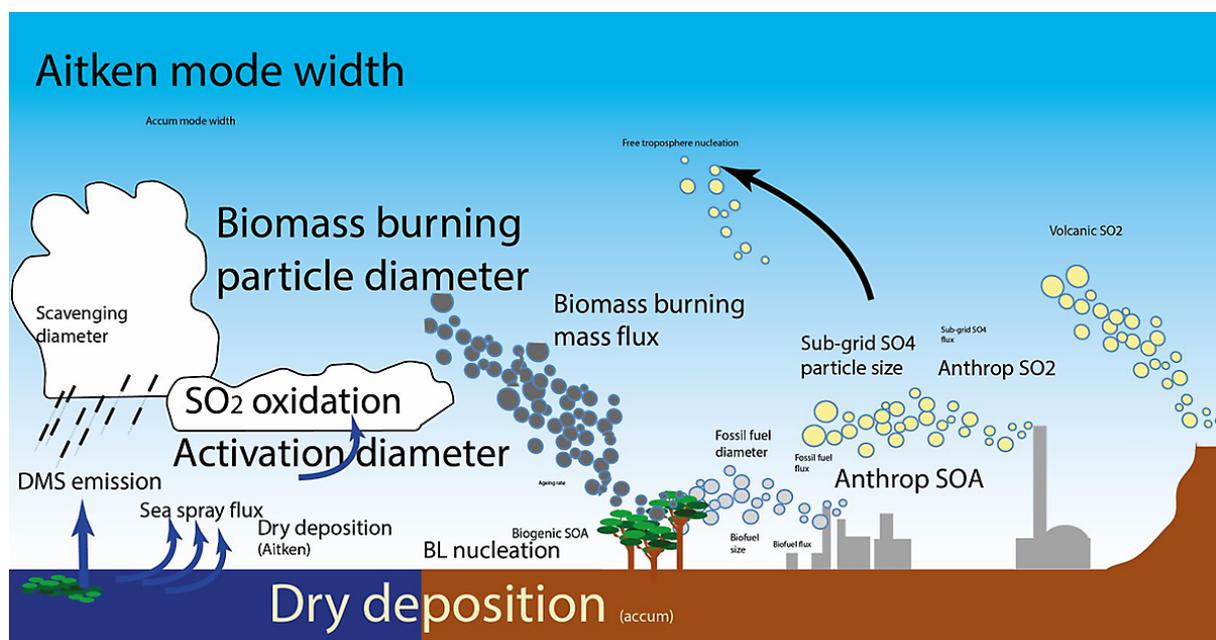


Fig. 11. Schematic showing the relative importance of the uncertain parameters for CCN. The size of the font is in direct proportion to the global and annual mean relative uncertainty.