

Q: It looks as though the authors used the known values of Vd for coarse and fine and then created a new Vd based on the fraction of coarse and fine particles and then multiplied that by the average nutrient content. If they did this, it was wrong. You need to do a separate sum for Vd fine \* conc. fine + Vd coarse \* conc. coarse and then sum them together to get the total nutrient flux. If they did this then they should make it clear in the text. If I am right then all the atmospheric nutrient fluxes which follow are wrong but probably not by enough to change the general interpretation.

A: *Indeed, there were some mistakes during the estimation of dry depositions however; it is not related with the approach. Actually, there is no difference between two approaches during the calculation of dry deposition. Calculations of dry deposition for Si can be given as example as follow:*

a)	Mean	CF %	FF %	Con.CF* Vd <sub>c</sub>	Con.CF* Vd <sub>f</sub>		Flux (mmol m <sup>2</sup> yr <sup>-1</sup> )
Si	1.08	78.54	21.46	0.848232*2	0.231768*0.1	1.719641	0.54

b)	Mean	CF %	FF %	CF* Vd <sub>c</sub>	CF* Vd <sub>f</sub>	Vd		Flux (mmol m <sup>2</sup> yr <sup>-1</sup> )
Si	1.08	78.54	21.46	0.7854*2	0.2146*0.1	1.59226	1.719641	0.54