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Corrigendum to
"A global land aerosol fine-mode fraction dataset (2001–2020) retrieved from MODIS using hybrid physical and deep learning approaches" published in Earth Syst. Sci. Data, 14, 1193–1213, 2022

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The decreasing and increasing trend labels of AERONET in Fig. 6b of the original published paper were incorrectly interchanged. Below is the corrected Fig. 6, where in Fig. 6b the blue dots represent the decreasing trend and the red dots represent the increasing trend of AERONET FMF.
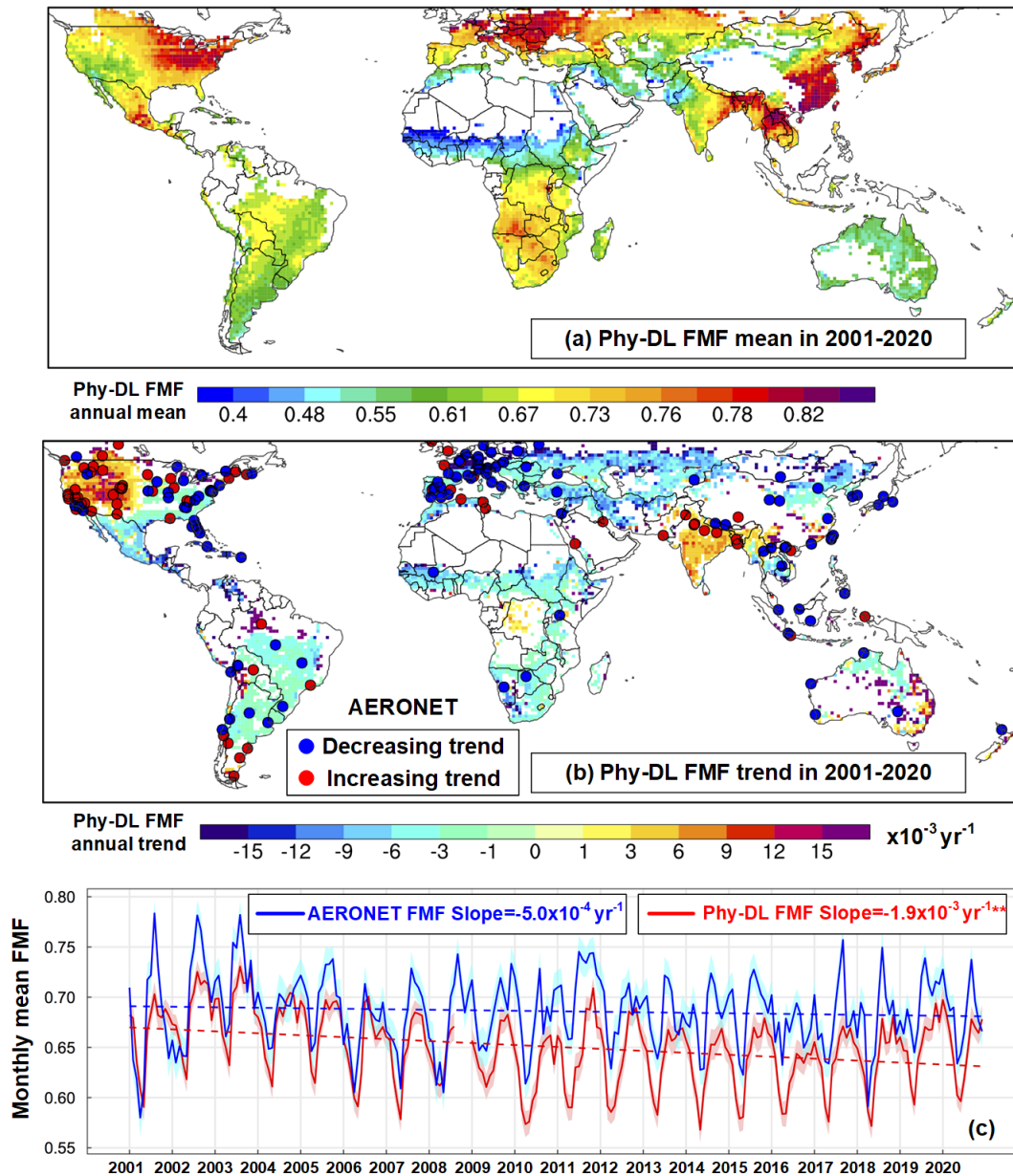
Figure 6. (a) Global distribution of Phy-DL FMF mean values over the 2001–2020 period. Only those pixels with over 120 retrievals per year were considered. **(b)** Global distribution of Phy-DL FMF linear trends from 2001 to 2020. Only those pixels with trends at the 95 % significance level were considered. The red and blue dots represent AERONET stations with increasing and decreasing linear trends, respectively, at the 95 % significance level. **(c)** Global monthly mean Phy-DL FMF (red line) and AERONET FMF (blue line). The shaded areas around each line represent the monthly mean FMF value ±0.1× the monthly standard deviation. The double asterisks "**" indicate that the linear trend was at the 95 % significance level.