

Fig. 2. Geographical distribution of sampling sites (RD: road dust; DD: demolition dust; SD: soil dust).

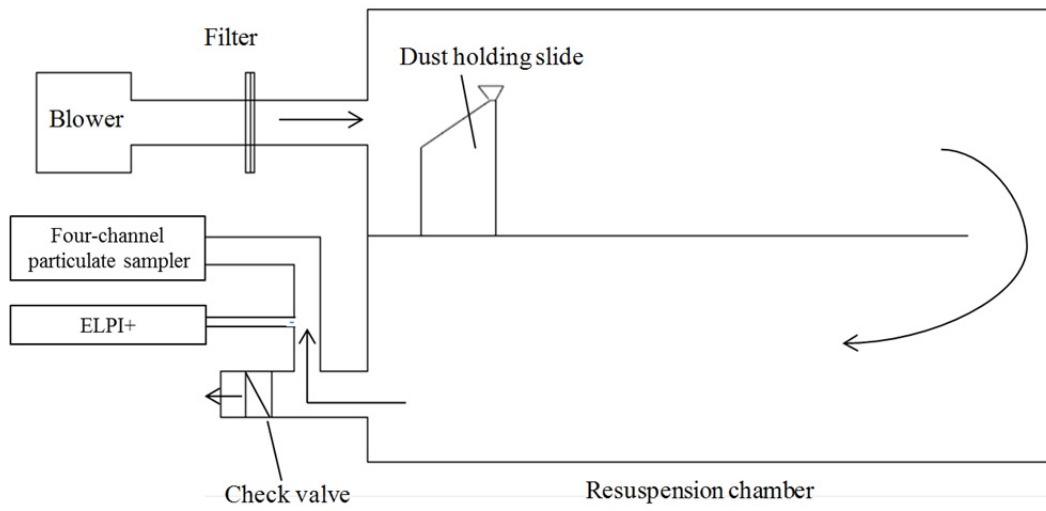


Fig. 3. Sketch map of dust resuspension installation and sampling equipment.

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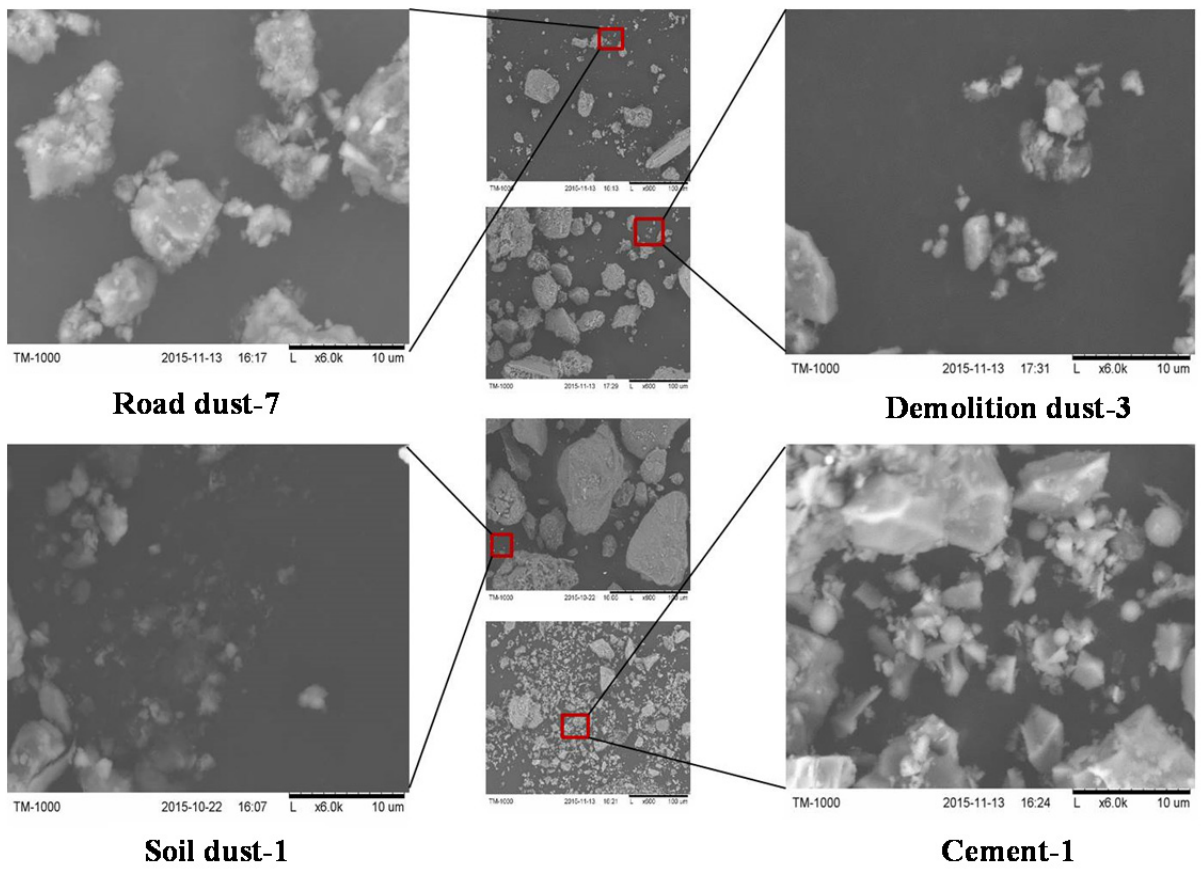
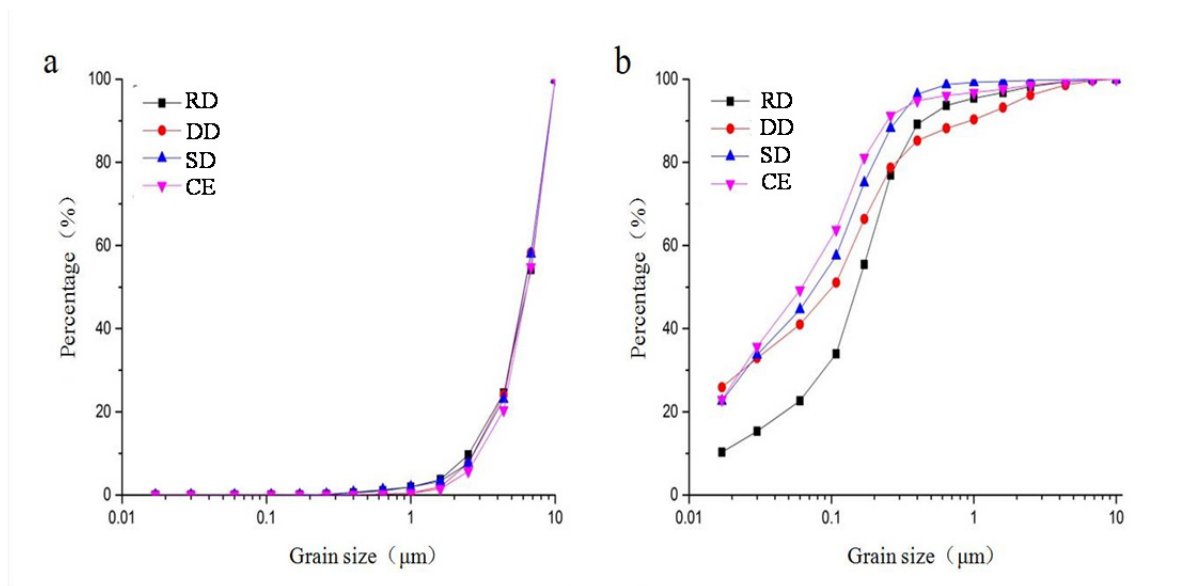


Fig. 4. SEM images of four dust samples after pretreatment.

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(a) Mass concentration

(b) Number concentration

Fig. 5. Size distribution of PM_{10} of the four types of dust sources (RD: road dust; DD: demolition dust; SD: soil dust; CE: cement).

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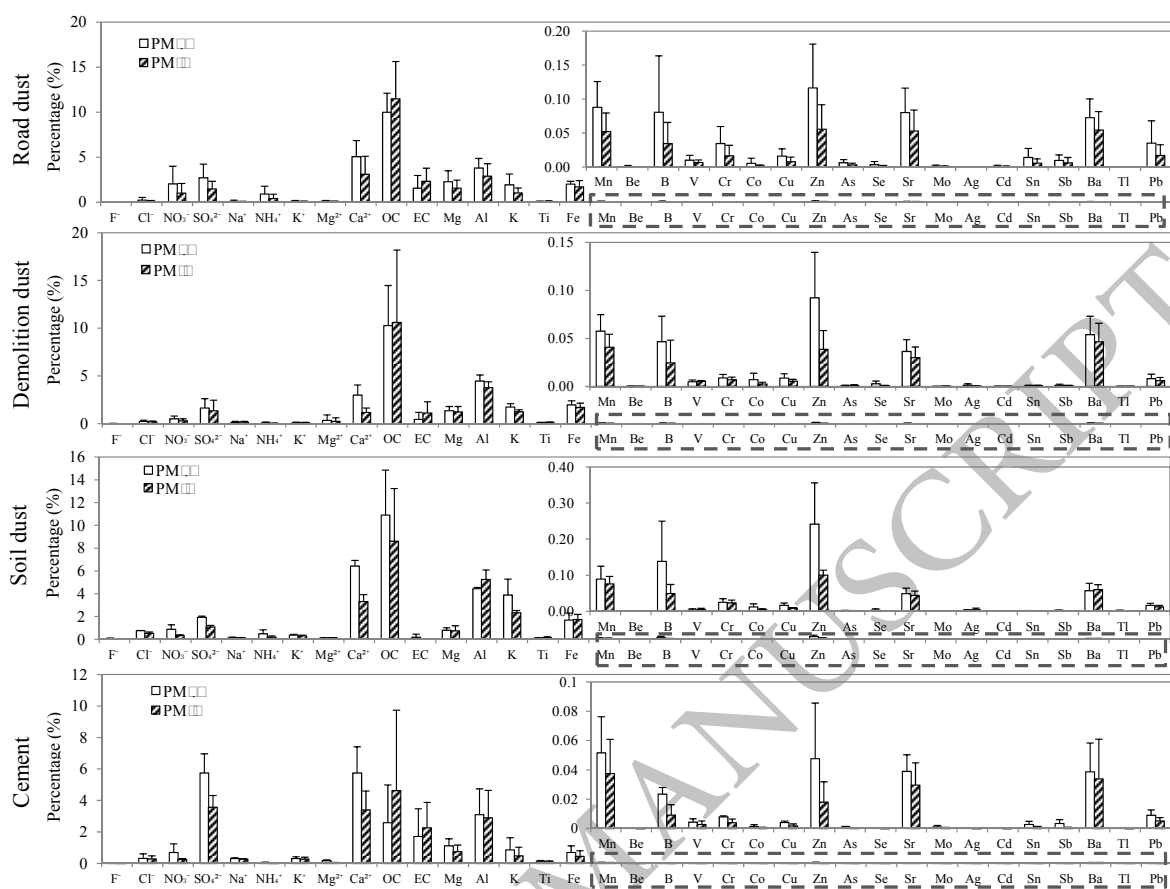


Fig. 6. Chemical species concentration of PM_{2.5} and PM₁₀ of fugitive dust.

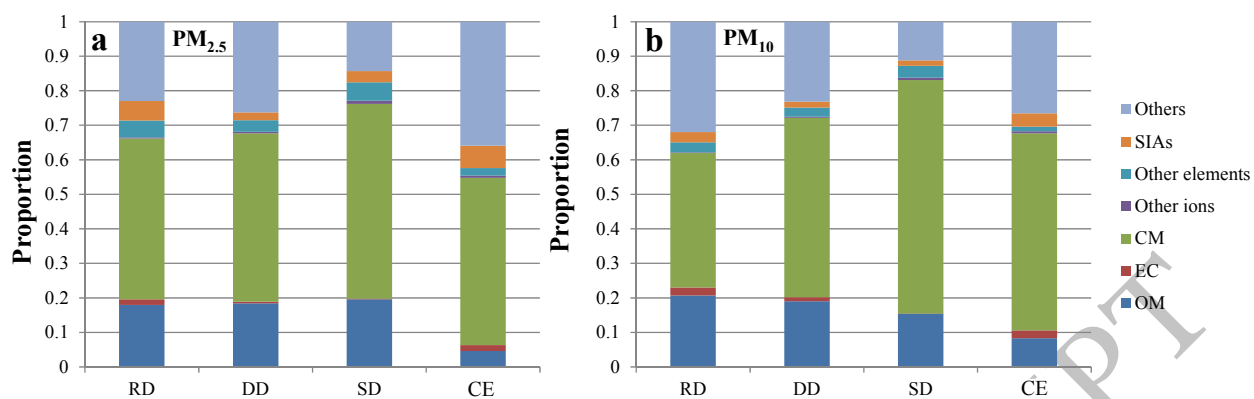


Fig. 7. Reconstructed chemical composition of $PM_{2.5}$ and PM_{10} for the four types of fugitive dust (RD: road dust; DD: demolition dust; SD: soil dust; CE: cement).

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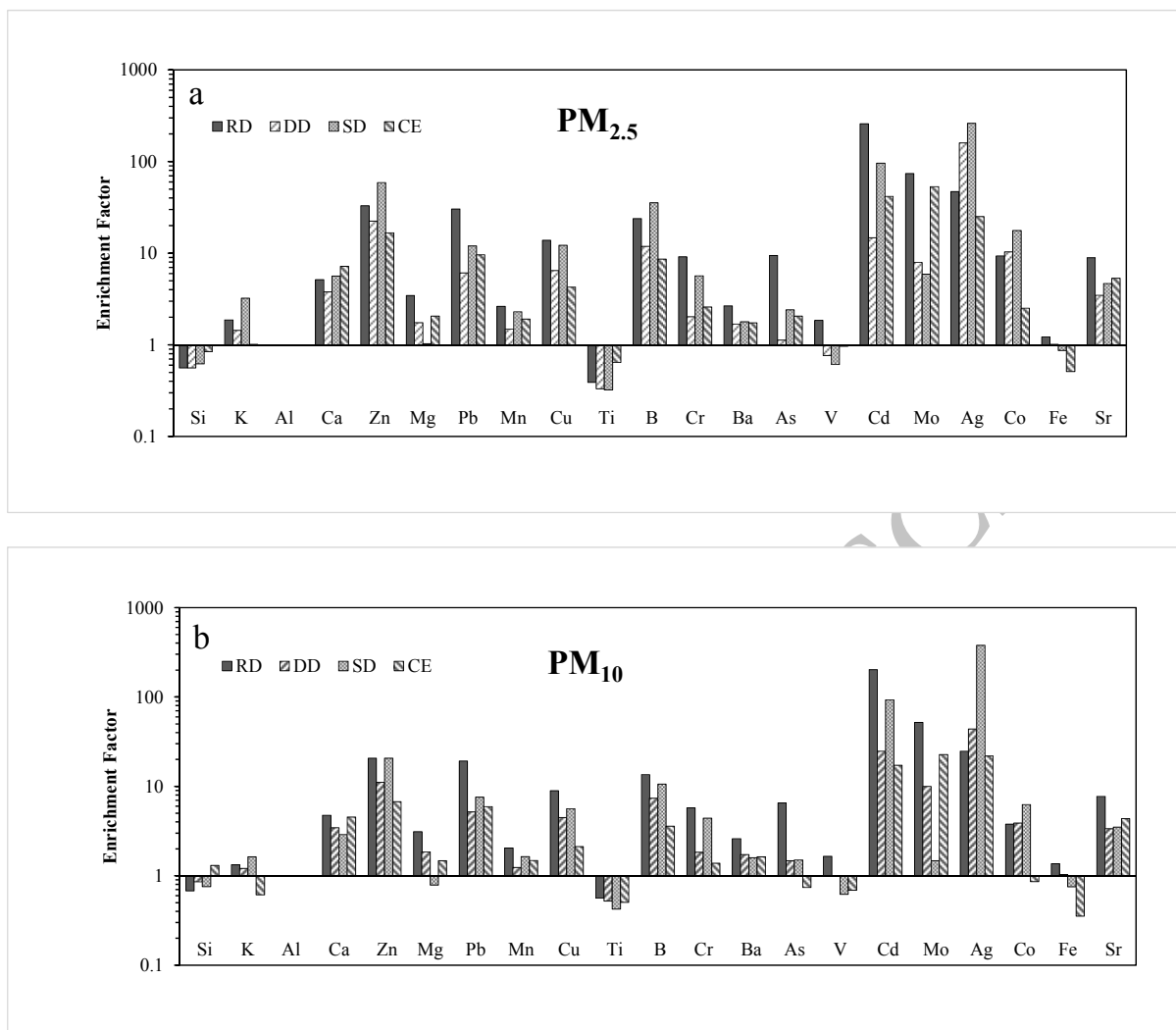


Fig. 8. Enrichment factors of the elements in PM_{2.5} and PM₁₀ for fugitive dust (RD: road dust; DD: demolition dust; SD: soil dust; CE: cement).