

## ***Interactive comment on “Variations in time and space of trace metal aerosol concentrations in urban areas and their surroundings” by T. Moreno et al.***

### **Anonymous Referee #1**

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This is an excellent paper which I think can be published with minor corrections.

I have two comments.

The very size of the databases and amount of information actually make this a difficult paper to read. I think this could be rectified by having, in addition to the abstract, a more synthesised summing-up towards the end of the paper.

The bi-directionality of the wind, and therefore re-cycling of the air pollution is very interesting. This seems to be something that can be modelled in more detail, investigating just how many times the particles are 're-cycled'. This has interesting implications for particle age and agglomerations, and also possibly decrease in bioreactivity.

C3804

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Interactive Discussion

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Interactive comment on Atmos. Chem. Phys. Discuss., 11, 14747, 2011.

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