

*Me made the following changes in response to the editor's comments:*

1) Figure 1a is now more clear. However, please make the text Vancouver more visible as it is a well-known location that helps the reader to place the map into a global perspective.

*Done*

2) Figure 1b and 1c: The red font is not readable against the dark background. The contours are not well visible either. Please consider zooming out to show more of the footprint area.

*The figure has been modified to be more clear. We prefer not to zoom out, since we want to show clearly the land cover in the region of 100 km or so surrounding the sites, which has the greatest influence. The trajectories in Fig. 3 provide larger scale information.*

3) Figure 2a and 2b: temperature and RH timeseries cannot be read by a colorblind person. Same for Figure 4a and 4b lower panels for size fractionated number concentrations. Logscale in y-axis would bring out better the variability in low number concentrations.

*Done. We prefer the linear scale, since we want to highlight the high concentrations, which relate to NPF, the focus of our paper, rather than exaggerating the variability in low concentrations, which don't relate to the NPF events.*

4) Figure 7: Evening time there seems to be a staggered upper limit in sizes > 200 nm. Please double check.

*This is a result of the relatively wide channels of the Nanoscan compared to the TSI SMPS.*