

Interactive
Comment

Interactive comment on “Air quality in Delhi during the Commonwealth Games” by P. Marrapu et al.

P. Marrapu et al.

pallavi-marrapu@uiowa.edu

Received and published: 15 July 2014

Thank you for your comment. We did show the improvements with the reduced NO_x emissions in the Figure 6. The two bars in the box whisker plot shows the results from base case (full NO_x emissions) and NO_x emissions reduced by 30% case with maximum and minimum error bars. The results show that there is improvement in the Ozone and NO_x predictions.

Response to the comment regarding sector based calculations is : We understand that the 100% perturbation of emissions (zero -out) can be problematic for Ozone. However in our experience we zero out the sectors one by one, not all the emissions. Zero out sector runs only perturbed emissions by 5% to 30% , so the non linearities are limited. We found that a 30% reduction in NO_x emissions changed Ozone by 37%.

Full Screen / Esc

Printer-friendly Version

Interactive Discussion

Discussion Paper



The misplacement of figure numbering is taking care in the manuscript.

Interactive comment on Atmos. Chem. Phys. Discuss., 14, 10025, 2014.

ACPD

14, C4859–C4860, 2014

Interactive
Comment

Full Screen / Esc

Printer-friendly Version

Interactive Discussion

Discussion Paper

C4860

