

Reviewer's report

Title: Factors influencing the spatial extent of mobile source air pollution impacts: A meta-analysis

Version: 1 **Date:** 26 January 2007

Reviewer: Josef Cyrus

Reviewer's report:

General

The manuscript reviews studies that evaluated the spatial extent of the concentration impacts from mobile sources and provides important insight about significant factors that influence the spatial extent of air pollutants. Furthermore; the authors illustrate the results by presenting of a dispersion modeling case study. This review is very well written and the conclusions are important for all scientist and policymakers interested in this research area.

Major Compulsory Revisions (that the author must respond to before a decision on publication can be reached)

Minor Essential Revisions (such as missing labels on figures, or the wrong use of a term, which the author can be trusted to correct)

Discretionary Revisions (which the author can choose to ignore)

The paper is very long, the authors could consider any possibility to shorten it. One possibility might be to divide the whole manuscript into two parts: the general part and the case study part which could be presented in a separately paper.

What next?: Accept after discretionary revisions

Level of interest: An article of importance in its field

Quality of written English: Acceptable

Statistical review: No, the manuscript does not need to be seen by a statistician.

Declaration of competing interests:

I declare that I have no competing interests