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ACPD 7, S3017–S3018, 2007

> Interactive Comment

## *Interactive comment on* "Retrieving global sources of aerosols from MODIS observations by inverting GOCART model" *by* O. Dubovik et al.

O. Dubovik et al.

Received and published: 11 July 2007

We would like to thank referee for her/his encouraging comments and useful recommendations.

We have analyzed the reviewer comments and tried to address referee suggestions in the revised manuscript. Detailed explanations are listed below.

1. We have included some discussion on the feasibility of applying the proposed methodology to the data sets produced by the CALIPSO lidar, which provides unique height information, and APS polarimeter, which will provide unique microphysical information.

2. We tried to improve the manuscript text. For example, we have broken some long paragraphs (Section 3.2 and 3.3.) to several shorter parts, as suggested by reviewer.

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