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Atmospheric Chemistry and Physics Discussions

Interactive comment on "Haze in the Klang Valley of Malaysia" *by* M. D. Keywood et al.

Anonymous Referee #2

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General Comments

The paper provided an overview of the measurements and modeling work carried out as part of the Malaysian Haze Study in the Klang Valley. Measurement methodologies involved the determination of the aerosol scattering coefficient and collection of PM2.5 and PM10 data at two locations in the Klang Valley, while the CSIRO air pollution model (TAPM) was used to model the transport of haze particles. The paper is well written with clear illustrations and tabulation. Measurement methods, analytical procedures and modeling used in the study are well described. Save for some minor lapses in illustrations, I find the paper to be of a quality that can be accepted for publication.

Technical Comments 1. While the sample collection methodology is acceptable, it may be useful if the authors can elaborate on the reasons for the selection of Teflon, polycarbonate filters and quartz filters. 2. Various elements were selected and compared to yield the results shown in Fig 5. Can correlation coefficients be provide so as to en-

able an assessment on the relationship between selected paramenters. 3. Table 1 will require reformating as item 1.1 Total carbon is obviously out of place. 4. There appear to be discrepacies in the distances reported for each of the selected sites (compare Fig 1 and the text). Is Gombak 12 or 15 km from Kulaa Lumpur? Is Petaling Jaya 7km southwest or 10 km west? 5. Horizontal time axes for Fig 2, 4 and 6 appears to be non-linear. Intervening months missing?

Interactive comment on Atmos. Chem. Phys. Discuss., 3, 615, 2003.