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ACPD 7, S2909–S2910, 2007

> Interactive Comment

Interactive comment on "A case study on long-range transported aerosols of biomass burning: effects on aerosol optical properties and surface radiation levels" by A. Arola et al.

Anonymous Referee #3

Received and published: 6 July 2007

The paper document the event of fireburning in East and use the unique situation to validate MODIS data in a clear way.

Comments to Fig. 1 and 3. Figure text can include the time of the day when the measurements were performed. Some days have obviously large diurnal variation, since there are episodes with low AOD.

Effect on UV radiation. I find Fig. text 8 rather short. Be clear on what is modelling and what is measurements. A diurnal plot on percentage deviation between clean and populated modelled senario would have been interested.

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Interactive Discussion

Discussion Paper

Interactive comment on Atmos. Chem. Phys. Discuss., 7, 6631, 2007.

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