

***Interactive comment on “A multi-decadal history  
of biomass burning plume heights identified using  
aerosol index measurements” by H. Guan et al.***

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I have performed some simulations to test the assumption made in Sect. 4 (lines 20-26 of the discussion paper) that AI reaches an asymptote for sufficiently high AOT values. I believe that the results of these simulations may be helpful to the discussion of the paper by Guan et al. A description of the simulations and some of the results can be found in the supplemented pdf file.

Please also note the supplement to this comment:

[http://www.atmos-chem-phys-discuss.net/10/C362/2010/acpd-10-C362-2010-  
supplement.pdf](http://www.atmos-chem-phys-discuss.net/10/C362/2010/acpd-10-C362-2010-supplement.pdf)

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