

Interactive comment on “The Coupled Aerosol and Tracer Transport model to the Brazilian developments on the Regional Atmospheric Modeling System (CATT-BRAMS) – Part 2: Model sensitivity to the biomass burning inventories” by K. M. Longo et al.

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This document contains the figures 1, 2 and 3 cited at reply to the reviewer 1.

Interactive comment on Atmos. Chem. Phys. Discuss., 7, 8571, 2007.

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Interactive Discussion

Discussion Paper



"The Coupled Aerosol and Tracer Transport model to the Brazilian developments on the Regional Atmospheric Modeling System (CATT-BRAMS) – Part 2: Model sensitivity to the biomass burning inventories" by K. M. Longo et al.

Questions and Answers to Reviewer 1:

Figure 1

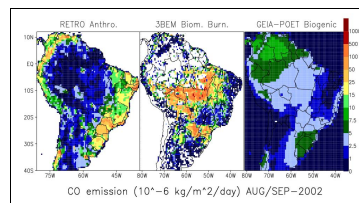


Figure 1. Carbon monoxide daily emission rate from anthropogenic (urban-industrial-vehicular), biomass burning and biogenic processes. Time mean for August and September, 2002.

Fig. 1.

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Questions and Answers to Reviewer 1:

Figure 2

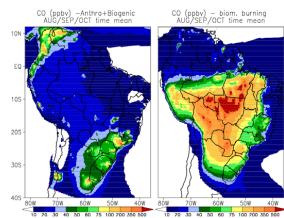


Figure 2. At left, near surface CO (ppb) from only urban-industrial-vehicular (RETRO) and biogenic (GEIA-POET) emissions. At right, only biomass burning emissions (Aug-Sep-Oct, 2002 time mean).

Fig. 2.

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Questions and Answers to Reviewer 1:

Figure 3

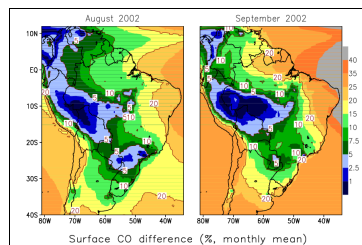


Figure 3. Difference of CO between two simulations (one includes RACM chemical mechanism, the other one treats CO as a tracer with lifetime of 30 days) in terms of monthly means for August and September 2002.

Fig. 3.

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