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4, S1570-S1571, 2007

Interactive Comment

## Interactive comment on "Atmospheric CO<sub>2</sub> modeling at the regional scale: an intercomparison of 5 meso-scale atmospheric models" by C. Sarrat et al.

## C. Sarrat et al.

Received and published: 3 October 2007

The authors would like to thank the referee for all the constructive remarks. In the revised version of this paper, the authors tried as much as possible to follow the referee comments: - The abstract has been extended with the main conclusions. The resolution 2km has been added. - The interest of the meso-scale model for inverse modeling has be underlined in the introduction. - The dimension of the area of simulation has been detailed. - A table containing the models description allow to harmonize the section 2. More precisions about the future models development are added. - Some precisions on measurements and observations are now in the text. - Finally, 'technical' corrections, suggested by the referee are done.



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Interactive Discussion

**Discussion Paper** 

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