

SEARCH-Related Peer-Reviewed Journal Publications

July 08, 2008

1. Arnold, J. R.; Dennis, R. L., Testing CMAQ chemistry sensitivities in base case and emissions control runs at SEARCH and SOS99 surface sites in the southeastern US. *Atmospheric Environment* **2006**, 40, (26), 5027-5040.
2. Arnold, J. R.; Hartsell, B. E.; Luke, W. T.; Ullah, S. M. R.; Dasgupta, P. K.; Huey, L. G.; Tate, P., Field test of four methods for gas-phase ambient nitric acid. *Atmospheric Environment* **2007**, 41, (20), 4210-4226.
3. Bailey, E.; Gautney, L.; Kelsoe, J.; Jacobs, M.; Mao, Q.; Condrey, J.; Pun, B.; Wu, S.; Seigneur, C.; Douglas, S.; Haney, J.; Kumar, N., A comparison of the performance of four air quality models for the Southern Oxidants Study episode in July 1999. *Journal of Geophysical Research-Atmospheres* **2007**, 112, (D5), -.
4. Baumann, K.; Ift, F.; Zhao, J. Z.; Chameides, W. L., Discrete measurements of reactive gases and fine particle mass and composition during the 1999 Atlanta Supersite Experiment. *Journal of Geophysical Research-Atmospheres* **2003**, 108, (D7).
5. Baumann, K.; Jayanty, R.; Flanagan, J., Fine particulate matter source apportionment for the Chemical Speciation Trends Network site at Birmingham, Alabama, using Positive Matrix Factorization. *Journal of the Air & Waste Management Association* **2008**, 58, (1), 27-44.
6. Bhave, P. V.; Pouliot, G. A.; Zheng, M., Diagnostic model evaluation for carbonaceous PM_{2.5} using organic markers measured in the southeastern US. *Environmental Science & Technology* **2007**, 41, (5), 1577-1583.
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10. Blanchard, C. L.; Tanenbaum, S.; Hidy, G. M., Effects of sulfur dioxide and oxides of nitrogen emission reductions on fine particulate matter mass concentrations: Regional comparisons. *Journal of the Air & Waste Management Association* **2007**, 57, (11), 1337-1350.
11. Boylan, J. W.; Russell, A. G., PM and light extinction model performance metrics, goals, and criteria for three-dimensional air quality models. *Atmospheric Environment* **2006**, 40, (26), 4946-4959.
12. Brewer, P.; Adlhoch, J., Trends in speciated fine particulate matter and visibility across

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13. Butler, A. J.; Andrew, M. S.; Russell, A. G., Daily sampling of PM_{2.5} in Atlanta: results of the first year of the assessment of spatial aerosol composition in Atlanta study. *Journal of Geophysical Research-Atmospheres* **2003**, 108, (D1).
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 15. Chen, J. J.; Mao, H. T.; Talbot, R. W.; Griffin, R. J., Application of the CACM and MPMPO modules using the CMAQ model for the eastern United States. *Journal of Geophysical Research-Atmospheres* **2006**, 111, (D23).
 16. Clements, A. L.; Seinfeld, J. H., Detection and quantification of 2-methyltetrols in ambient aerosol in the southeastern United States. *Atmospheric Environment* **2007**, 41, (9), 1825-1830.
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