

Journal Articles

- Mortimer K., Neugebauer R., Lurmann F., Alcorn S., Balmes J., and Tager I. (2008) Early-lifetime exposure to air pollution and allergic sensitization in children with asthma. *J. Asthma* 45(10), 874-881.
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- Mortimer K., Neugebauer R., Lurmann F., Alcorn S., Balmes J., and Tager I. (2008) The effect of prenatal and lifetime exposure to air pollution on the pulmonary function of asthmatic children. *Epidemiology* (accepted).
- Mortimer K., Neugebauer R., Lurmann F., Alcorn S., Balmes J., and Tager I. (2008) Early-lifetime exposure to air pollution and allergic sensitization in children with asthma. *Journal of Asthma* (accepted).
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Meeting Presentations and Conference Proceedings

- Lurmann F.W., Tager I., Haight T., Alcorn S., Penfold B.M., Noth B., Perrino C., and Hammond S.K. (2010) Temporal and spatial patterns of ambient endotoxin concentrations in Fresno, California. Presented at the *American Association for Aerosol Research, San Diego, California, March 22* (STI-3835).
- Alcorn S.H., Lurmann F.W., and Hammond K. (2008) Spatial characteristics of aerosol and gaseous co-pollutant concentrations during FACES. Presentation at the *ISEE/ISEA Conference, Pasadena, CA, October*, by Sonoma Technology, Inc., Petaluma, CA, and University of California, Berkeley, CA (STI-906023-3600).
- Richards L.W., Alcorn S.H., and Lehrman D. (2004) Task 1.1a: methods evaluation light scattering. Presented to *California Regional PM₁₀/PM_{2.5} Air Quality Study (CRPAQS) Data Analysis Workshop, Sacramento, CA, March 9-10* by Sonoma Technology, Inc., Petaluma, CA (STI-902321-2499a,b).
- Raffuse S.M., Chan A.C., Funk T.H., Alcorn S.H., Strohm D.E., and Dye T.S. (2004) Incorporating ASOS visibility data in PM_{2.5} mapping. Presented at the *U.S. Environmental Protection Agency's 2004 National Air Quality Conference: Your Forecast to Breathe By, Baltimore, MD, February 22* (STI-2492).
- Alcorn S.H., Richards L.W., O'Brien T.E., and Lehrman D. (2003) Comparisons between light scattering and fine particle mass data, California Regional PM₁₀/PM_{2.5} Air Quality Study (CRPAQS). Poster presentation for the *Annual American Association for Aerosol Research Conference, Anaheim, CA, October 20-24* (STI-902321-2430).
- Alcorn S.H., Draxler R., and Arndt R.L. (1999) HYSPLIT trajectory model training seminar at TNRCC. Presented to the Texas Natural Resource Conservation Commission, Austin, TX, STI 999170-1905.
- Richards L.W., Main H.H., Hurwitt S.B., and Chinkin L.R. (1998) 1995 Integrated Monitoring Study: comparison of light scattering measurements during winter months in the San Joaquin Valley. Presented at *PM_{2.5} A Fine Particle Standard, Long Beach, CA, sponsored by Air & Waste Management Association, the U.S. Environmental Protection Agency, and the U.S. Department of Energy, January 28-30* (STI-997216-1803).

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Alcorn S.H. and DeWinter J.L. (2010) BAAQMD DMS user documentation. User's guide prepared for the Bay Area Air Quality Management District by Sonoma Technology, Inc., Petaluma, CA, STI-909026-3863-UG, June.

Lurmann F.W., Vaughn D.L., and Alcorn S.H. (2007) Intra-community variability in fine particulate matter in CHS communities. Draft final report prepared for the University of Southern California, Keck School of Medicine, Department of Preventive Medicine, Los Angeles, CA, by Sonoma Technology, Inc., Petaluma, CA, STI-906031-3172-DFR, May.

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Peters J.M., Avol E., Berhane K., Gauderman J., Gilliland F., Jerrett M., Kunzli N., London S., McConnell R., Navidi W., Rappaport E., Thomas D., Lurmann F.W., Roberts P.T., Alcorn S.H., Funk T., Gong H., Linn W.S., Cass G., and Margolis H. (2004) Epidemiologic investigation to identify chronic effects of ambient pollutants in southern California. Final report prepared for the California Air Resources Board and the California Environmental Protection Agency by the University of Southern California, Department of Preventative Medicine, Los Angeles, CA, Sonoma Technology, Inc., Petaluma, CA, Los Amigos Research and Education Institute, Downey, CA, and Technical and Business Systems, Santa Rosa, CA, Contract No. 94-331, May. Available on the Internet at <http://www.arb.ca.gov/research/abstracts/94-331.htm>.

Alcorn S.H. and Lurmann F.W. (2003) Southern California Children's Health Study exposure database. Final report prepared for the University of Southern California, School of Medicine, Los Angeles, CA, by Sonoma Technology, Inc., Petaluma, CA, 95230-2453-FR2, December.

Alcorn S.H., Prouty J.D., Knoderer C.A., Dye T.S., and Richards L.W. (2003) Automated Surface Observing Systems (ASOS): Section 2 - data collections and processing methods applied to 1-minute ASOS data. Report prepared for the Center for Air Pollution Impact and Trend Analysis, Washington University, St. Louis, MO, by Sonoma Technology, Inc., Petaluma, CA, STI-902180-2434b, October.

Alcorn S.H., O'Brien T.E., Richards L.W., and Dye T.S. (2003) Automated Surface Observing Systems (ASOS): Section 3 - comparisons between ASOS light scattering data and continuous PM_{2.5} measurements. Report prepared for the Center for Air Pollution Impact and Trend Analysis, Washington University, St. Louis, MO, by Sonoma Technology, Inc., Petaluma, CA, STI-902180-2434c, October.

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- Main H.H., Alcorn S.H., and Roberts P.T. (1999) Characteristics of volatile organic compounds in the Mid-Atlantic region. Report prepared for the Mid-Atlantic Regional Air Management Association, Baltimore, MD, by Sonoma Technology, Inc., Petaluma, CA, STI-998482-1869-FR2, November.
- Alcorn S.H., Arndt R.L., and Chinkin L.R. (1999) HYSPLIT interactive and batchmode user's guide. Prepared for Texas Natural Resource Conservation Commission, Austin, TX, by Sonoma Technology, Inc., Petaluma, CA, STI-999170-1904, August.
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- Wittig A.E., Main H.H., Roberts P.T., and Hurwitt S.B. (1999) Analysis of PAMS data in California volume III: trends analysis of California PAMS and long-term trend air quality data (1987-1997). Report prepared for the U.S. Environmental Protection Agency, Research Triangle Park, NC, by Sonoma Technology, Inc., Petaluma, CA, STI-998393-1885-FR, May.
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