

## Journal Articles

Pasch A.N., Boyer D., MacDonald C.P., and Knoderer C.A. (2008) Assessment of the usefulness of radar wind profiler data for meteorological model predictions in eastern Texas. *J. Geophys. Res.* (submitted).

## Meeting Presentations and Conference Proceedings

MacDonald C.P., Craig K.J., DeWinter J.L., Pasch A.N., Tollstrup B., and Kennard A. (2010) Benefits of forecast-based residential wood burning bans on air pollution. Presented at the *National Air Quality Conferences, Raleigh, NC, March 15-18* (STI-3807).

Hafner H., Alrick D., Huang S.M., and Pasch A. (2010) The importance of meteorological data in exceptional events analysis. Presented at the *National Air Quality Conferences, Raleigh, NC, March 15-18* (STI-3801).

Chan A., Dye T.S., Pasch A.N., White J.E., Dickerson P.G., and Jackson S.A. (2009) AIRNow data transfer standards. Presented at the *National Ambient Air Monitoring Conference, Nashville, TN, November 2-5*, by Sonoma Technology, Inc., Petaluma, CA (STI-620000-3712).

Miller D.S., Pasch A.N., Chan A.C., and Dye T.S. (2009) Real-time PM<sub>2.5</sub> reporting. Presented at the *National Air Quality Conference, Dallas, TX, March 3*, by Sonoma Technology, Inc., Petaluma, CA (STI-3549).

Miller D.S., MacDonald C.P., Pasch A.N., and Zahn P.H. (2009) Fundamentals of air quality forecasting: PM<sub>2.5</sub> focus. Presented at the *National Air Quality Conference Forecaster's Training, Dallas, TX, March 2*, by Sonoma Technology, Inc., Petaluma, CA (STI-905501-3580).

## Formal Reports

Knoderer C., MacDonald C., and Pasch A. (2010) Summary of data quality control of data collected by a 915-MHz RWP, RASS, miniSodar, and surface meteorological station in Cleveland, Ohio. Technical memorandum prepared for Alion Science and Technology, Durham, NC, by Sonoma Technology, Inc., Petaluma, CA, STI-909032-3741-TM-Revised, January.

MacDonald C.P., Craig K.J., Pasch A.N., Pollard E.K., Wheeler N.J.M., and Reid S.B. (2009) Contributors to Sacramento County wood smoke primary PM<sub>2.5</sub>. Final report prepared for the Sacramento Metropolitan Air Quality Management District, Sacramento, CA, by Sonoma Technology, Inc., Petaluma, CA, STI-909014.06-3676-FR2, September.

Funk T.H., Penfold B.M., Pasch A.N., MacDonald C.P., and Stone J.M. (2009) Ambient air quality monitoring network assessment for the San Joaquin Valley. Final report prepared for the San Joaquin Valley Unified Air Pollution Control District by Sonoma Technology, Inc., Petaluma, CA, STI-908072.04-3643-FR, July.

Sonoma Technology, Inc. (2009) Standard operating procedures for operating a radar wind profiler, mini-sodar, and meteorological tower, version 1.1. STI-909032-3652, June.

Pasch A.N. and Miller D.S. (2009) Regional Air Pollution Control Agency PM<sub>2.5</sub> forecasting tool development database contents. Database documentation prepared for Public Health Dayton and Montgomery County, Regional Air Pollution Control Agency, Dayton, OH, by Sonoma Technology, Inc., Petaluma, CA, STI-908048.06-3642, June.

MacDonald C.P., Craig K.J., DeWinter J.L., Pasch A.N., Brown S.G., and Wheeler N.J.M. (2009)

Evaluation of Sacramento Metropolitan Air Quality Management District's Check Before You Burn Program. Final report prepared for the Sacramento Metropolitan Air Quality Management District, Sacramento, CA, by Sonoma Technology, Inc., Petaluma, CA, STI-909014.06-3612-FR2, August.

Miller D.S. and Pasch A.N. (2009) RAPCA PM<sub>2.5</sub> forecasting training. Training course prepared for the Regional Air Pollution Control Agency, Dayton, OH, by Sonoma Technology, Inc., Petaluma, CA, STI-908048.05-3595, March.