Journal Articles


**Book Chapters**


**Meeting Presentations and Conference Proceedings**


Dye T., Stanton L., MacDonald C., Smith K., Roberts P., and Dillon M. (2017) Results and lessons learned from using low-cost PM sensors to detect ambient PM$_{2.5}$ and PM$_{10}$. Presented at the *Primary Quality Assurance Organization (PQAO) meeting in Pomona, CA, January 24-26*, by Sonoma Technology, Inc., Petaluma, CA. STI-6644.


Dye T., Stanton L., MacDonald C., Smith K., Roberts P., Graham A., and Dillon M. (2016) Results and lessons learned from using low-cost PM sensors to detect ambient PM$_{2.5}$ and PM$_{10}$. Presented at the *National Association of Clean Air Agencies, Minneapolis, MN, October 17*. STI-6593.

Dye T., Stanton L., MacDonald C., Smith K., Roberts P., Graham A., Dillon M., and Chan A. (2016) Results and lessons learned from using low-cost PM sensors to detect ambient PM$_{2.5}$ and PM$_{10}$. Presented at
the Better Air Quality Conference, Busan, South Korea, September 1, by Sonoma Technology, Inc., Petaluma, CA. STI-6525.

Dye T., Stanton L., MacDonald C., Smith K., Roberts P., Graham A., and Dillon M. (2016) Results and lessons learned from using low-cost PM sensors to detect ambient PM$_{2.5}$ and PM$_{10}$. Presented at the National Ambient Air Monitoring Conference, St. Louis, MO, August 8-11. STI-6517.


modeling. Presented at the *American Geophysical Union Fall Meeting, San Francisco, CA, December 9* by Sonoma Technology, Petaluma, CA (STI-4188).


Roberts P.T., McCarthy M.C., and Brown S.G. (2008) Near-roadway exposure to air pollution with examples from a study of MSATs at three schools next to U.S. 95 in Las Vegas, NV. Invited presentation at the Benicia First! Forum on Air Quality and Children’s Health, Benicia, CA, September 18 (STI-3447).


Roberts P.T., McCarthy M.C., and Brown S.G. (2008) Lessons learned about mobile source air toxics (MSATs) at three schools next to U.S. 95 in Las Vegas, NV. Presented at the 2008 National Air Quality Conferences, Portland, OR, April 6-9 (STI-3305).


Roberts P.T. (2005) Air quality issues in the western South Coast Air Basin (SoCAB). Invited presentation to the *Santa Monica Airport Commission Annual Environmental Workshop, Santa Monica, CA, May 23.*


Formal Reports


prepared for Texas Natural Resources Conservation Commission, Austin, TX, by Sonoma Technology, Inc., Petaluma, CA, STI-901350-2168-IR, April.


Dallas, TX, by Sonoma Technology, Inc., Santa Rosa, CA, under subcontract to TRC Environmental Corporation, Chapel Hill, NC, STI-997310-1744-QAPP, Contract No. 68D30029, Work Assignment No. 3-145, September.


Lurmann F.W. and Roberts P.T. (1994) Chapter 3 and Executive Summary of epidemiologic investigation to identify chronic health effects of ambient air pollutants in southern California (interim phase II final report). Prepared for Department of Preventive Medicine, School of Medicine, USC, Los Angeles, CA, by Sonoma Technology, Inc., Santa Rosa, CA, STI-92372-1431, October.


**Patents**

Patents applied for and issued in coal gasification, pollution control, and high pressure reactor design.

**Thesis**