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., 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.


Roberts P.T., Vaughn D.L., McCarthy M.C., and Ludwig J.F. (2013) Black carbon particle removal in school classrooms near busy roadways in Las Vegas, Nevada. Invited presentation given at the South Coast Air Quality Management District's Technology Forum on Near-Road Mitigation Measures and...


Dye T.S., Roberts P.T., Chan A.C., and Alrick D.M. (2011) Low-cost sensing by citizens and community groups: current status and opportunities. Presented to the U.S. Environmental Protection Agency,


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


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.

Main H.H., Wright D.B., Stoelting M.W., Roberts P.T., Lurmann F.W., and Hering S.V. (1994) Quality assurance plan for the two-week acid aerosol sampler as part of the epidemiologic investigation to identify chronic health effects of air pollutants in Southern California. Version No. 3 prepared for the


Patents

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

Thesis