

## Meeting Presentations and Conference Proceedings

- Reid S.B., Pollard E.K., Du Y., Chinkin L.R., Hammond D., and Norris G. (2010) Development of a local-scale emissions inventory for the Cleveland Multiple Air Pollutant Study. Presented to the *19th International Emissions Inventory Conference, San Antonio, TX, September 28* by Sonoma Technology, Inc., Petaluma, CA and U.S. Environmental Protection Agency, Research Triangle Park, NC (STI-3943).
- Reid S.B., Pollard E.K., Du Y., Chinkin L.R., Hammond D., and Norris G. (2010) Development of a local-scale emissions inventory for the Cleveland Multiple Air Pollutant Study. Paper presented at the *19th International Emissions Inventory Conference, San Antonio, Texas, September 27-30*, by Sonoma Technology, Inc., Petaluma, CA and U.S. Environmental Protection Agency, Research Triangle Park, NC (STI-3944).
- Reid S.B., Eisinger D.S., Roberts P.T., Vaughn D.L., Pollard E.K., DeWinter J.L., Du Y., Ray A.E., Brown S.G., and Chenausky B.T. (2010) Field study of PM<sub>2.5</sub> emissions from a road-widening project. Paper presented at the *19th International Emissions Inventory Conference, September 29, San Antonio, TX* (STI-3959).
- Lam Y. F., Du Y., Fu J. (2009) 2006 Updated Asian emission input for CMAQ fine resolution simulation. Presented at the Air & Waste Management Association's 2009 Annual Conference & Exhibition (ACE), June 17.

## Formal Reports

- Reid S., Du Y., Bai S., and Eisinger D. (2011) Preliminary results from comparisons of GPS and daily diary data. Technical memorandum prepared for the California Transportation Department, Sacramento, CA by Sonoma Technology, Inc., Petaluma, CA, STI-909115-4199-TM, August 29.
- Pollard E.K., Du Y., and Reid S.B. (2011) Preparation of wildland and agricultural fire emissions inventories for 2008. Technical Memorandum prepared for the U.S. Environmental Protection Agency, Research Triangle Park, NC, by Sonoma Technology, Inc., Petaluma, CA, STI-910221-4159, June.
- Reid S.B., Pollard E.K., and Du Y. (2011) A top-down emissions inventory evaluation for the upper Midwest. Final report prepared for the National Renewable Energy Laboratory, Golden, CO, by Sonoma Technology, Inc., Petaluma, CA, STI-909028-3808-FR, May 31.
- Reid S.B., Roberts P.T., Eisinger D.S., Vaughn D.L., Pollard E.K., DeWinter J.L., Du Y., Ray A.E., Brown S.G., and Chenausky B.T. (2011) Construction activity, emissions, and air quality impacts: real-world observations from an Arizona road-widening case study. Poster presented at the *21st CRC Real World Emissions Workshop, San Diego, CA, March 20-23*, by Sonoma Technology, Inc., Petaluma, California, and Arizona Department of Transportation, Phoenix, AZ (STI-4105).
- Roberts P.T., Reid S.B., Eisinger D.S., Vaughn D.L., Pollard E.K., DeWinter J.L., Du Y., Ray A.E., and Brown S.G. (2010) Construction activity, emissions, and air quality impacts: real-world observations from an Arizona road-widening case study. Final report prepared for the Arizona Department of Transportation, Phoenix, AZ by Sonoma Technology, Inc., Petaluma, CA, STI-908017-3971-FR, October.
- Reid S.B., Du Y., and Pollard E.K. (2010) Wyoming statewide air monitoring network assessment Optional Task 2: emissions inventory assessment. Technical memorandum prepared for the Wyoming Department of Environmental Quality, Cheyenne, WY, by Sonoma Technology, Inc., Petaluma, CA, STI-910019-3939, September 10.

- Pollard E.K., Reid S.B., Craig K.J., and Du Y. (2010) Impact of offshore ship emissions on eastern Caribbean islands. Final report prepared for the U.S. Environmental Protection Agency, Office of Transportation and Air Quality, Ann Arbor, MI, by Sonoma Technology, Inc., Petaluma, CA, STI-910119-3900-FR, July 19.
- Reid S.B., Pollard E.K., and Du Y. (2010) Emissions inventory development for the Cleveland Multiple Air Pollutant Study. Final report prepared for Alion Science and Technology, Durham, NC, by Sonoma Technology, Inc., Petaluma, CA STI-910007-3909-FR, June 30.
- Reid S.B., Wheeler N.J.M., Pollard E.K., Craig K.J., and Du Y. (2009) Impact of offshore ship emissions on Puerto Rico and the U.S. Virgin Islands. Final report prepared for the U.S. Environmental Protection Agency, Office of Transportation and Air Quality, by Sonoma Technology, Inc., Petaluma, CA, STI-909201-3729-FR, October.
- Sullivan D.C., Du Y., and Raffuse S.M. (2009) SMARTFIRE- and BlueSky-enabled methodology for developing wildland fire emission inventories for 2006-2008. Technical memorandum prepared for the U.S. Environmental Protection Agency, Research Triangle Park, NC, by Sonoma Technology, Inc., Petaluma, CA, STI-905517-3714, October.
- Raffuse S.M., Du Y., and Sullivan D.C. (2009) Development of wildland fire emission inventories for 2006-2008. Paper prepared for the U.S. Environmental Protection Agency, Research Triangle Park, CA, by Sonoma Technology, Inc., Petaluma, CA, STI-905517-3711, October.
- Fu J., Lam N., Du Y. (2007) Meteorological Modeling (MM5) Performance Report for USEPA JES Project, Submitted to U.S. Environmental Protection Agency, Office of Air Quality Planning and Standards, Oct. 1.

### **Thesis**

- Du Y. (2008) New consolidation of emission and processing for air quality modeling assessment in Asia, M.S. Thesis, University of Tennessee, Knoxville.