

## Book Chapter

Magliano K.L. and Chinkin L.R. (1994) Emissions inventory planning and development. In *Planning and Managing Regional Air Quality Modeling and Measurement Studies: A Perspective Through the San Joaquin Valley Air Quality Study and AUSPEX*, Solomon P.A. and Silver T.A., eds., CRC Press, Inc., Boca Raton, FL, pp. 545-560.

## Journal Articles

McCarthy M.C., Hafner H.R., Chinkin L.R., and Charrier J.G. (2007) Temporal variability of selected air toxics in the United States. *Atmos. Environ.*, doi:10.1016/j.atmosenv.2007.1005.1037 (STI-2894).

McCarthy M.C., Eisinger D.S., Hafner H.R., Chinkin L.R., Roberts P.T., Black K.N., Clark N.N., McMurry P.H., and Winer A.M. (2006) Particulate matter: a strategic vision for transportation-related research. *Environ. Sci. Technol.* **40** (18), 5593-5599 (STI-904750-2843). Available on the Internet at <http://pubs.acs.org/doi/abs/10.1021/es062767i>.

Chinkin L.R., Coe D.L., Funk T.H., Hafner H.R., Roberts P.T., Ryan P.A., and Lawson D.R. (2003) Weekday versus weekend emissions activity patterns for ozone precursor emissions in California's South Coast Air Basin. *J. Air & Waste Manag. Assoc.* **53**, pp. 829-843 (STI-999679-2225).

Funk T.H., Chinkin L.R., Roberts P.T., Saeger M., Mulligan S., Figeroa V.H.P., and Yarbrough J. (2001) Compilation and evaluation of a Paso del Norte emission inventory. *Sci. Total Environ.* (Special Issue: U.S.-Mexico Transboundary Air Pollution Studies) **276**, Nos. 1-3, 135-151 (STI-1942).

Magliano K.L., Hughes V.M., Chinkin L.R., Coe D.L., Haste T.L., Kumar N., and Lurmann F.W. (1999) Spatial and temporal variations in PM<sub>10</sub> and PM<sub>2.5</sub> source contributions and comparison to emissions during the 1995 Integrated Monitoring Study. *Atmos. Environ.* **33**, 4757-4774.

Chinkin L.R., Chang D.P.Y., and Floccini R.G. (1986) Relationships among the coefficient of haze, scattering coefficient, and visibility during an agricultural burn season. *J. Air Pollut. Control Assoc.* **36**, 173-178.

## Meeting Presentations and Conference Proceedings

Raffuse S.M., Larkin N.K., Strand T.T., Drury S.A., Solomon R.C., Sullivan D.C., Wheeler N.J.M., and Chinkin L.R. (2010) Developing an improved wildland fire emissions inventory for the United States. Poster presented at the *International Workshop on Air Quality Forecasting Research, Quebec City, Canada, November 16-18* (STI-4034).

Wheeler N., Funk T., Raffuse S., Drury S., Nuss P., Unger K., Yahdav L., Pryden D., Healy A., Haderman M., Chinkin L., Cissel J., and Rauscher H.M. (2010) A new decision support system based on a service-oriented architecture. Paper presented at the *9th Annual CMAS Conference, Chapel Hill, NC, October 11* by Sonoma Technology, Inc., Petaluma, CA, Joint Fire Science Program, Boise, ID, and Rauscher Enterprises LLC, Leicester, NC (STI 3896).

Raffuse S., Gilliland E., Sullivan D., Wheeler N., Chinkin L., Larkin S., Solomon R., Strand T., and Pace T. (2008) Development of wildland fire emission inventories with the BlueSky Smoke Modeling Framework. Presented at the *7th Annual Community Modeling and Analysis System (CMAS) Conference Chapel Hill, NC, October 7*, by Sonoma Technology, Inc., Petaluma, CA; U.S. Forest Service AirFIRE Team, Seattle, WA; and U.S. Environmental Protection Agency, Office of Air Quality Planning and Standards, Research Triangle Park, NC (STI-3457).

- 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).
- Larkin N.K., Strand T., Solomon R., Raffuse S., Sullivan D.C., Chinkin L., Brown T., O'Neill S., Friedl L., and Knighton R. (2008) The state of smoke tools: What we know now. Presented at the *International Association of Wildland Fire, The '88 Fires: Yellowstone & Beyond, Jackson Hole, WY, September 22-27*, by the U.S. Forest Service AirFire Team, Seattle, WA; Sonoma Technology, Inc., Petaluma, CA; Desert Research Institute, Reno, NV; USDA Natural Resource Conservation Service, Portland, OR; NASA, Washington, D.C.; and USDA Cooperative State Research, Education, and Extension Service, Washington, D.C.
- Raffuse S.M., Sullivan D.C., Gilliland E.K., Chinkin L.R., Larkin S., Solomon R., and Pace T. (2008) Development of wildland fire emission inventories for 2003-2006 and sensitivity analyses. Presentation made at the *U.S. Environmental Protection Agency's 17th International Emission Inventory Conference, Portland, OR,, June 5*, by Sonoma Technology, Inc., Petaluma, CA; U.S. Forest Service AirFire Team, Seattle, WA; and U.S. Environmental Protection Agency Office of Air Quality Planning and Standards, Research Triangle Park, NC (STI-905028-3377).
- Sullivan D.C., Raffuse S.M., Pryden D.A., Craig K.J., Reid S.B., Wheeler N.J.M., Chinkin L.R., Larkin N.K., Solomon R., and Strand T. (2008) Development and applications of systems for modeling emissions and smoke from fires: the BlueSky smoke modeling framework and SMARTFIRE. Paper presented at the *17th International Emissions Inventory Conference, Portland, OR, June 5*, by Sonoma Technology, Inc., Petaluma, CA, and the U.S. Forest Service, Seattle, WA (STI-3378).
- Wheeler N.J.M., Craig K.J., Reid S.B., Gilliland E.K., Sullivan D.C., and Chinkin L.R. (2008) The BlueSky Gateway air quality forecast system for fire management. Presented at the *BlueSky Smoke Modeling Framework Stakeholders' Meeting, Boise, ID, May 20-22* (STI-905028-3367).
- Raffuse S.M., Sullivan D.C., Chinkin L.R., Pryden D.A., Wheeler N.J.M., Larkin N.K., Solomon R., and Soja A. (2007) Integration and reconciliation of satellite-detected and incident command-reported wildfire information in the BlueSky smoke modeling framework. Presented at the *6th Annual CMAS Conference, Chapel Hill, NC, October 1-3*, by Sonoma Technology, Inc., Petaluma, CA, the U.S. Forest Service AirFire Team, Seattle, WA, and the National Institute of Aerospace, Hampton, VA (STI-3227).
- Raffuse S.M., Sullivan D.C., Chinkin L.R., Larkin N.K., Solomon R., and Soja A. (2007) Integration of satellite-detected and incident command-reported wildfire information into BlueSky. Paper No. 205 presented at the *Air & Waste Management Association's 100th Annual Conference & Exhibition, Pittsburgh, PA, June 26-29* (STI-3127).
- Reid S.B., Chinkin L.R., Penfold B.M., and Gilliland E.K. (2007) Emissions inventory validation and improvement: a Central California case study. Conference paper prepared for the *U.S. Environmental Protection Agency's 16th Annual Emission Inventory Conference, Raleigh, NC, May 14-17*, by Sonoma Technology, Inc., Petaluma, CA (STI-3109).

- Raffuse S.M., Sullivan D.C., Chinkin L.R., Larkin S., Solomon R., and Soja A. (2007) Integration of satellite detected and incident command reported wildfire information into BlueSky. Presented at the *BlueSky Annual Meeting, Winthrop, WA, May 22*, by Sonoma Technology, Inc., Petaluma, CA, U.S. Forest Service AirFire Team, Seattle, WA, and the National Institute of Aerospace, Hampton, VA (STI-3086).
- Raffuse S., Chinkin L., Sullivan D., and Larkin N. (2006) Applications of a GIS-based fire emissions model - or - BlueSky SMARTFIRE. Presentation for the *Third International Fire Ecology & Management Congress, San Diego, CA, November 18*, by Sonoma Technology, Inc. and U.S. Forest Service AirFire Team (STI-3041).
- Raffuse S., Chinkin L., and Larkin N. (2006) Evaluation of the BlueSky smoke prediction model using satellite data. Presentation for the *Third International Fire Ecology & Management Congress, San Diego, CA, November 18*, by Sonoma Technology, Inc., Petaluma, CA, and the USFS AirFire Team (STI-2962).
- McCarthy M.C., Hafner H.R., and Chinkin L.R. (2006) Temporal variability and trends in MSATs: a national perspective. Presentation for the *Coordinating Research Council, Mobile Source Air Toxics workshop, Phoenix, AZ, October 25*, Sonoma Technology, Inc., Petaluma, CA (STI-3053).
- Chinkin L. and Reid S. (2006) Improvements to the spatial and temporal representativeness of modeling emission estimates. Presentation to the CCOS Technical Committee, Sacramento, CA, STI-906036.01-2995, July 6.
- Chinkin L.R., Sullivan D.C., Funk T.H., Hafner H.R., Roberts P.T., and Ryan P.A. (2006) Weekday versus weekend activity patterns for ozone precursor emissions in California's South Coast Air Basin. *AWMA's 99th Annual Conference & Exhibition, New Orleans, LA, June 20-23*, by Sonoma Technology, Inc., Petaluma, CA (STI-2954).
- Reid S.B., Brown S.G., McCarthy M.C., and Chinkin L.R. (2006) Comparison of ambient measurements to emissions representations for modeling in California's San Joaquin Valley. Presented to the *U.S. Environmental Protection Agency's 15th Annual Emission Inventory Conference, New Orleans, LA, May 18*, by Sonoma Technology, Inc., Petaluma, CA (STI-2944).
- Raffuse S.M., Sullivan D.C., Chinkin L.R., Larkin S., and Solomon R. (2006) Expanding BlueSkyRAINS to support emission inventory preparation. Presented at the *U.S. Environmental Protection Agency's 15th Annual Emission Inventory Conference, New Orleans, LA, May 17*, by Sonoma Technology, Inc., Petaluma, CA, and U.S. Department of Agriculture, Forest Service, Seattle, WA (STI-2950).
- Hafner H.R., McCarthy M.C., and Chinkin L.R. (2006) National, regional, between-city, and within-city spatial variability in air toxics. Presented at the *AWMA Symposium on Air Quality Measurement Methods and Technology, Durham, NC, May 9*, by Sonoma Technology, Inc., Petaluma, CA (STI-2884).
- Hafner H.R., McCarthy M.C., and Chinkin L.R. (2006) Temporal trends in air toxics. Presented at the *AWMA Symposium on Air Quality Measurement Methods and Technology, Durham, NC, May 9*, by Sonoma Technology, Inc., Petaluma, CA (STI-2885).
- Chinkin L.R. (2005) Comparison of ambient measurements to emissions representations in modeling. Presentation at the California Air Resources Board, CCOS Technical Committee, Sacramento, CA, by Sonoma Technology, Inc., Petaluma, CA, STI-905044-2838, October.
- Hafner H.R., McCarthy M.C., and Chinkin L.R. (2005) National air toxics assessments: lessons learned in quantifying ambient air toxics temporal and spatial trends. Presented at the *2005 Air Toxics Summit, Seeking Solutions for our Rural and Urban Communities, Portland, OR, October 18-19* by Sonoma Technology, Inc., Petaluma, CA (STI-905102-2756).

- McCarthy M.C., Hafner H.R., Chinkin L.R., Cozzo E.M., Raffuse S.M., and Gray E.A. (2005) Air toxics monitoring data analysis workshop. Presentation prepared for the U.S. Environmental Protection Agency, Raleigh, NC, by Sonoma Technology, Inc., Petaluma, CA, STI-905102-2799, September.
- Wheeler N.J.M., Chinkin L.R., Reid S.B., Gross T., Hawkins A., Watson D., Vit W., Mefrakis R., and Joerke J. (2005) Regional photochemical modeling for the Kansas City Clean Air Action Plan: what it tells us about the challenges ahead for 8-hr ozone nonattainment areas. Presented at the *4th Annual CMAS Models-3 User's Conference, Chapel Hill, NC, September 26-28*, by Sonoma Technology, Inc., Petaluma, CA; Missouri Department of Natural Resources, Jefferson City, MO; Mid-America Regional Council, Kansas City, MO (STI-2800).
- Raffuse S.M., Brown S.G., Sullivan D.C., and Chinkin L.R. (2005) Estimating regional contributions to atmospheric haze. Presented at the *2005 ESRI International User Conference, San Diego, CA, July 26* (STI-2649).
- Raffuse S.M., Sullivan D.C., and Chinkin L.R. (2005) Emission impact potential - a method for relating upwind emissions to ambient pollutant concentrations. Presented at *the U.S. Environmental Protection Agency 14th International Emission Inventory Conference, Las Vegas, NV, April 11-14* by Sonoma Technology, Inc., Petaluma, CA (STI-2715, STI-2722).
- Reid S.B., Sullivan D.C., Stiefer P.S., and Chinkin L.R. (2005) Development of emission inventories of recreational boats and commercial marine vessels for the Central States Regional Air Planning Association. Presented at *the U.S. Environmental Protection Agency 14th International Emission Inventory Conference, Las Vegas, NV, April 11-14* by Sonoma Technology, Inc., Petaluma, CA (STI-2714, STI-2721).
- Sullivan D.C., Reid S.B., Penfold B.M., and Chinkin L.R. (2005) Development of agricultural dust emission inventories for the Central States Regional Air Planning Association. Presented at the *U.S. Environmental Protection Agency 14th International Emission Inventory Conference, Las Vegas, NV, April 11-14* by Sonoma Technology, Inc., Petaluma, CA (STI-2713, STI-2720).
- Sullivan D.C., Reid S.B., Stiefer P.S., Funk T.H., and Chinkin L.R. (2005) On-road mobile source emission inventory development for the Central States Regional Air Planning Association. Presented at *the U.S. Environmental Protection Agency 14th International Emission Inventory Conference, Las Vegas, NV, April 11-14* by Sonoma Technology, Inc., Petaluma, CA (STI-2712, STI-2719).
- Reid S.B., Funk T.H., Sullivan D.C., Stiefer P.S., Arkinson H.L., Brown S.G., and Chinkin L.R. (2004) Research and development of emission inventories for planned burning activities for the Central States Regional Air Planning Association. Paper for the *13th International Emission Inventory Conference "Working for Clean Air in Clearwater", Clearwater, FL, June 8-10* (STI-2515).
- Wheeler N.J.M., Lurmann F.W., Hafner H.R., Chinkin L.R., Sullivan D.C., and Roberts P.T. (2004) Changing roles of oxides of nitrogen as precursors in photochemistry. Presentation at the *Annual Meeting of the West Coast Section, Air & Waste Management Association, Ventura, CA, May 13*, STI-2539.
- Bahm K.E., Chinkin L.R., Sullivan D.C., and Broaders K.E. (2004) Task 4.3: detecting source activities and reconciling ambient measurement variations with field observations. Presented to *California Regional PM<sub>10</sub>/PM<sub>2.5</sub> Air Quality Study (CRPAQS) Data Analysis Workshop, Sacramento, CA, March 9-10* by Sonoma Technology, Inc., Petaluma, CA (STI-902328-2501).
- Coe D.L., Chinkin L.R., Reid S.B., and Stiefer P.S. (2003) Weekday-weekend emissions patterns for southern California: observations and implications. Presented at the *NARSTO Workshop on Innovative Methods for Emission-Inventory Development and Evaluation, University of Texas at Austin, October 14-17* (STI-2421).

- Chinkin L.R., Coe D.L., Hafner H.R., and Tamura T.M. (2003) Air Toxics Emission Inventory Training Workshop. Sponsored by the U.S. Environmental Protection Agency, Region IX, Richmond, CA. Prepared by Sonoma Technology, Inc., Petaluma, CA, 903320-2398, July 15-16.
- Coe D.L., Gorin C.A., Chinkin L.R., and Reid S.B. (2003) Observations of weekday-weekend activity patterns for area sources in the Los Angeles area. Paper and presentation prepared for and presented at the U.S. Environmental Protection Agency, *12th International Emission Inventory Conference "Emission Inventories - Applying New Technologies"*, San Diego, CA, April 28 - May 1 (STI-2278).
- Coe D. L., Chinkin L.R., Stiefer, P.S., and Funk T.H. (2003) Observations of weekday-weekend activity patterns for on-road mobile sources in the Los Angeles area. Presented at the *13<sup>th</sup> Annual Coordinating Research Council (CRC) On-Road Vehicle Emissions Workshop*, San Diego, CA, April 7-9, 2003 (STI-2277).
- Chinkin L.R. and Ryan P.A. (2002) Recommended improvements to the CMU Ammonia Emission Inventory Model for use by LADCO. Paper prepared for and presented at the Midwest RPO Emissions Inventory Meeting, Des Plaines, IL, November 20, by Sonoma Technology, Inc., Petaluma, CA (STI-902350-2280).
- Chinkin L.R., MacDonald C.P., Funk T.H., Crews J.M., Dye T.S., and Wheeler N.J.M. (2002) Preliminary assessment of ozone air quality in the Minneapolis/St. Paul region. Presented at the Minnesota Environmental Initiative Clean Air Minnesota Rollout, St. Paul, MN, October 30, STI-901104-901105-2242.
- Coe D.L., Gorin C.A., and Chinkin L.R. (2002) Emission inventories of OCS production and development activities in the Gulf of Mexico. Presentation at U.S. Department of Interior, Minerals Management Service, New Orleans, LA, September (STI-998203-2262).
- Wheeler N., Lurmann F., Chinkin L., LeBaron B., Barickman P., Eden J., and Cruickshank T. (2002) Wintertime particulate matter modeling issues in the western United States. Presented at *Coordinating Research Council (CRC) Toxics Modeling Conference, The Woodlands, TX, February 27* (STI-2159).
- Chinkin L.R. and Coe D.L. (2002) ARB weekday and weekend emissions studies of the 2002 ozone season. Presented to the California Air Resources Board Weekend Effect Work Group Meeting, Sacramento, CA, February 20, STI-901150-2157.
- Wheeler N.J.M., Lurmann F.W., Ryan P.A., Roney J.A., Roberts P.T., MacDonald C.P., Chinkin L.R., Coe D.L., Hanna S., Seaman N., Hunter G., and Scaffano D. (2001) The SO<sub>2</sub> and NO<sub>2</sub> Increment Analysis for the Breton National Wilderness Area. Presented for the Minerals Management Service and Scientific Review Board, New Orleans, LA, December 13, STI-901369-2135.
- Coe D.L., Ryan P.A., Funk T.H., and Chinkin L.R. (2001) DOE/OHVT weekday-weekend study: emissions activity results. Presented at the Weekday/Weekend Effect Workgroup, California Air Resources Board, Sacramento, CA, by Sonoma Technology, Inc., Petaluma, CA, STI-999677-2124, October 23.
- Funk T.H., Coe D.L., and Chinkin L.R. (2001) Weekday versus weekend mobile source emissions activity patterns in California's South Coast Air Basin. Paper presented at the *International Emission Inventory Conference, Denver, CO, April 30 to May 3* (STI-2065).
- Funk T.H. and Chinkin L.R. (2001) Using GIS technology for emission inventory and air quality applications. Presented at the *SCOS97-NARSTO Data Analysis Conference, February 13-15*, STI-2059.
- Funk T.H. and Chinkin L.R. (2001) Development of spatial allocation factors for the SCOS97 domain. Presented at the *SCOS97-NARSTO Data Analysis Conference, February 13-15* (STI-2053).

- Roberts P.T., Funk T.H., MacDonald C.P., Main H.H., and Chinkin L.R. (2000) Weekday/weekend ozone observations in the South Coast Air Basin. Presented to California Air Resources Board, Sacramento, CA, by Sonoma Technology, Inc., Santa Rosa, CA, STI-999670-1966, April 13.
- Funk T.H. and Chinkin L.R. (1999) The use of PAMS data to evaluate emission inventory estimates in California. Preprints in *Emission Inventory Regional Strategies for the Future, Raleigh, NC, October 26-28*, Air & Waste Management Association, Pittsburgh, PA (STI 1876).
- Haste T.L., Kumar N., Chinkin L.R., Roberts P.T., Saeger M., Mulligan S., and Yarbrough J. (1999) Compilation and evaluation of a Paso del Norte emission inventory for use in photochemical dispersion modeling. Paper no. 99-190 presented at the *Air & Waste Management Association 92nd Annual Meeting & Exhibition, St. Louis, MO, June 20-24* (STI 1862).
- Chinkin L.R., Haste T.L., Coe D.L., Puri A.K., Hall J.V., and Levy S. (1998) Emission inventory projection project. Presented at *Air & Waste Management Association's Emission Inventory: Living in a Global Environment, New Orleans, LA, December 8-10* (STI 1840).
- Haste T.L., Kumar N., Chinkin L.R., Roberts P.T., Saeger M., Mulligan S., Figueroa V.H.P., and Yarbrough J. (1998) Compilation and evaluation of a Paso del Norte emission inventory for use in photochemical dispersion modeling. Presented at the *Air & Waste Management Association's Emission Inventory: Living in a Global Environment, New Orleans, LA, December 8-10* (STI 1839).
- Wilkinson J.G., Chinkin L.R., Coe D.L., Fitz D., Loomis C.F., Magliano K., Pankratz D., Ringler E., Waldron T., and Zwicker J. (1998) A model to estimate temporally resolved ammonia emissions at a dairy. *91<sup>st</sup> Annual Air & Waste Management Association Meeting & Exhibition, San Diego, CA, June 14-18*.
- Chinkin L.R., Main H.H., Reiss R., Roberts P.T., and Romonow S. (1998) Analysis of PAMS data to evaluate reformulated gasoline effects. Presented at the *8th Coordinating Research Council (CRC) On-Road Vehicle Emissions Workshop, San Diego, CA, April 20-23*.
- Coe D.L. and Chinkin L.R. (1998) The use of a day-specific source activity database to augment CMB source apportionment modeling. Paper presented at the *Air & Waste Management Association PM<sub>2.5</sub> Conference, Long Beach, CA, January 28-30* (STI-1789).
- Haste T.L., Chinkin L.R., Kumar N., Lurmann F.W., and Hurwitt S.B. (1998) Use of ambient data to evaluate a regional emission inventory for the San Joaquin Valley. Paper and presentation at *PM<sub>2.5</sub> 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-997211-1806, STI-997211-1794).
- 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<sub>2.5</sub> 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).
- Main H.H., Roberts P.T., Reiss R., and Chinkin L.R. (1998) Analysis of PAMS data to evaluate reformulated gasoline effects. Paper prepared for presentation at the *Air and Waste Management Association 1998 Annual Meeting and Exhibition, San Diego, CA, June 14-18*.
- Chinkin L. and Haste T.L. (1997) Use of PAMS data to evaluate an emission inventory test case: Southeast Texas. Paper presented at the *Air & Waste Management Association Emission Inventory: Planning for the Future Conference, Research Triangle Park, NC, October 28-30* (STI 1760).

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- Chinkin L., Prouty J., Coe D., and Martino P.A. (1997) Development of an E&P emissions calculation tool. Paper No. SPE 37913 presented at the *1997 SPE/EPA Exploration and Production Environmental Conference, Dallas, TX, March 3-5* (STI-1707).
- Reiss R. and Chinkin L. (1996) Ozone exceedance data analysis: representativeness of the 1995 summer ozone season in the Northeast. Paper presented at the *First NARSTO-Northeast Data Analysis Symposium and Workshop, Norfolk, VA, December 10-12*.
- Chinkin L.R., Stoelting M.W., and Haste T. (1996) Development of a gridded leaf biomass inventory for use in estimating biogenic emissions for urban airshed modeling. Paper presented at the *Air & Waste Management Association Emission Inventory: Key to Planning, Permits, Compliance & Reporting Conference, New Orleans, LA, September 4-6* (STI-1596).
- Coe D., Chinkin L., Reiss R., DiSogra C., and Hammerstrom K. (1996) An emission inventory of agricultural internal combustion engines for California's San Joaquin Valley. Paper presented at the *Air & Waste Management Association Emission Inventory: Key to Planning, Permits, Compliance & Reporting Conference, New Orleans, LA, September 4-6* (STI-1597).
- Stoekenius T.E., Roberts P.T., and Chinkin L.R. (1996) Development of an objective classification procedure for meteorological scenarios associated with high ozone concentrations in and around the San Francisco Bay area. Presented at the *Air & Waste Management Association 89th Annual Meeting, Nashville, TN, June 23-28*.
- Main H.H., Chinkin L.R., and Roberts P.T. (1996) Analysis of VOC data in support of pollutant transport studies in Shasta County, California. In *Measurement of Toxic and Related Air Pollutants. Proceedings of an Air & Waste Management/U.S. Environmental Protection Agency International Specialty Conference, Raleigh-Durham, NC, May 7-9*, Air & Waste Management, Pittsburgh, PA, (STI-1581), pp. 67-74.
- Heiken J., Austin B., Pollack A., Coe D., Eisinger D., and Chinkin L. (1996) Estimation of local fleet characteristics and activity data for improved emission inventory development. Presented at the *6<sup>th</sup> Coordinating Research Council On-Road Vehicle Emissions Workshop, San Diego, CA, March 18-20*.
- Chinkin L.R., Main H.H., Rocke D.M., and Chang D.P.Y. (1995) Development of improved temporal, spatial and temperature algorithms for use in emissions modeling: a work plan. Paper presented at the *Air & Waste Management Association Emission Inventory Programs and Progress Conference, Research Triangle Park, NC, October 11-13* (STI-1542).
- Chinkin L.R., Ryan P.A., and Reiss R. (1995) A critical evaluation of biogenic emission systems for photochemical grid modeling in California. Paper presented at the *Air & Waste Management Association Emissions Inventory Programs and Progress Conference, Research Triangle Park, NC, October 11-13* (STI-1541).
- Korc M.E., Jones C.M., and Chinkin L.R. (1995) Use of PAMS data to evaluate the Texas COAST emission inventory (preliminary results). Presented at the *Air & Waste Management Association Emission Inventory Programs and Progress Conference, Research Triangle Park, NC, October 11-13* (STI-1566).

- Blanchard C.L., Roberts P.T., Chinkin L.R., and Roth P.M. (1995) Application of smog production (SP) algorithms to the Coastal Oxidant Assessment for Southeast Texas (COAST) data. Paper No. 95-TP15.04 presented at the *Air & Waste Management Association 88th Annual Meeting & Exhibition, San Antonio, TX, June 18-23*.
- Chinkin L.R., Main H.H., Collins J.F., and Young J.R. (1995) Long-term trends in precipitation chemistry in southern California. Paper presented at the *Air & Waste Management Association Acid Rain & Electric Utilities: Permits, Allowances, Monitoring & Meteorology Conference, Tempe, AZ, January 23-25* (STI-1500).
- Chinkin L.R., Korc M.E., and Janssen M. (1994) Comparison of emission inventory and ambient concentration ratios of NMOC, NO<sub>x</sub>, and CO in the Lake Michigan air quality region. Paper presented at the *Air & Waste Management Association Emission Inventory Application and Improvement Conference, Raleigh, NC, November 1-3* (STI-1434).
- Korc M.E., Roberts P.T., Chinkin L.R., Lurmann F.W., and Main H.H. (1994) Reconciliation of emission inventory and ambient data for three major regional air quality studies. In *Transactions, Air & Waste Management Association Regional Photochemical Measurement and Modeling Studies Conference, San Diego, CA, November 8-12, 1993*, Air & Waste Management Association, Pittsburgh, PA, (STI-1405).
- Seigneur C., Chinkin L.R., Morris R.E., and Kessler R.C. (1994) Conceptual plan for air quality and meteorological modeling in the San Joaquin Valley. In *Planning and Managing Regional Air Quality Modeling and Measurement Studies: A Perspective Through the San Joaquin Valley Air Quality Study and AUSPEX*, P.A. Solomon and T.A. Silver eds., CRC Press, Inc., Boca Raton, FL, 79-106.
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