

Meeting Presentations, Webinars, and Conference Proceedings

- Pavlovic N., Chan A., Coughlin J., King D., Knowland E., and Malings C. (2023) Data Fusion with Uncertainty Quantification for Sub-City-Scale Assessments and Forecasting of PM_{2.5} and Trace Gases. Presentation given at *American Association for Aerosol Research 41st Annual Conference, Portland, OR, October 2-6*, by Sonoma Technology, Petaluma, CA. STI-7904.
- Pavlovic N.R., King D.H., Mukherjee A.D., Cavallaro A.M., Lurmann F.W., and DeWinter J.L. (2023) Use of Air Quality Sensor Data in Data Fusion Applications for Current and Forecast Air Quality Mapping. Presented online at the *EPA Air Sensor QA Workshop, July*, by Sonoma Technology, Petaluma, CA. STI-7944.
- Mukherjee A., King D., Nathan Pavlovic, Cavallaro A., Lurmann F., and DeWinter J. (2023) Evaluation of three computationally-efficient, high-resolution bias-correction methods for real-time modeled PM_{2.5} concentrations. Presented at *American Meteorological Society (AMS) Annual Meeting, January 11*, by Sonoma Technology, Petaluma, CA. STI-7843.
- Mukherjee A., Pavlovic N., Cavallaro A., Lurmann F., DeWinter J., and King D. (2022) Evaluation of a novel approach to estimate PM_{2.5} concentrations at high spatial resolution during smoke episodes by fusing low-cost sensor and reference monitor observations with chemical transport model forecasts Poster presented at the *American Geophysical Union (AGU) Conference, Chicago, IL, December 12-16*, by Sonoma Technology, Petaluma, CA. STI-7772.

Formal Reports

- Marrero J.E., Schill S.R., and King D. (2023) Tesoro Refining & Marketing Company, LLC, Martinez Renewable Fuels Facility Rule 12-15 Fenceline Monitoring Q2 Report: April – June 2023. Quarterly report prepared for Tesoro Refining & Marketing Company, LLC, Martinez Renewable Fuels Facility, Martinez, CA by Sonoma Technology, Petaluma, CA, STI-7965, August 18.
- King D. and Moffet R.C. (2023) Valero Benicia Q2 Report: April - June 2023. Quarterly report prepared for Valero Refining Company - CA, Benicia Refinery, Benicia, CA by Sonoma Technology, Petaluma, CA, STI-7969, August 16.
- Marrero J.E., Schill S.R., and King D. (2023) Tesoro Refining & Marketing Company, LLC Marathon Renewable Fuels Facility rule 12-15 fenceline monitoring Q1 report: January – March 2023. Quarterly report prepared for Tesoro Refining & Marketing Company, LLC, a subsidiary of Marathon Petroleum Corporation, Marathon, CA by Sonoma Technology, Petaluma, CA, STI-923012-7920, May.
- Moffet R.C. and King D. (2023) Valero Benicia Q1 Report: January – March 2023. Quarterly report prepared for Valero Refining Company, Benicia, CA by Sonoma Technology, Petaluma, CA, STI-923002-7915, May.
- Moffet R.C. and King D. (2023) Valero Benicia Q4 Report: October – December 2022. Quarterly report prepared for Valero Refining Company, Benicia, CA by Sonoma Technology, Petaluma, CA, STI-923002-7849, April.
- Marrero J.E., Schill S.R., and King D. (2023) Tesoro Refining & Marketing Company, LLC Marathon Renewable Fuels Facility rule 12-15 fenceline monitoring Q4 report: October – December 2022. Quarterly report prepared for Tesoro Refining & Marketing Company, LLC, a subsidiary of Marathon Petroleum Corporation, Marathon, CA by Sonoma Technology, Petaluma, CA, STI-923012-7877, February 28.

