## Journal Articles

Tasoglou A., Louvaris E., Florou K., Liangou A., Karnezi E., Kaltsonoudis C., Wang N., and Pandis S.N. (2020) Aerosol light absorption and the role of extremely low volatility organic compounds. *Atmos. Chem. Phys.* (submitted). Available at https://www.atmos-chem-phys-discuss.net/acp-2019-1191.

## Meeting Presentations, Webinars, and Conference Proceedings

Pavlovic N., McClure C.D., Huang S., Chaveste M., and Wang N. (2022) Mapping hourly wildfire growth rate using fused geostationary and polar orbiting satellite observations. Presented at the *American Geophysical Union (AGU) Fall Meeting, Chicago, IL, December 12-16,* by Sonoma Technology, Petaluma, CA. STI-7773.

Scarborough C., Gostic C., McClure C., and Wang N. (2022) Exploring near-road data with the near-road dashboard. Presentation given at the *National Ambient Air Monitoring Conference, Pittsburgh, PA, August 25,* by Sonoma Technology, Petaluma, CA. STI-920354-7701.

Wang N., Gostic C., McClure C., Scarborough C., and Brown S. (2022) PAMS Dashboard: an R Shiny webapp for PAMS data visualization. Presentation given at the *2022 National Ambient Air Monitoring Conference, Pittsburgh, PA, August 22,* by Sonoma Technology, Petaluma, CA. STI-7705.

Huang S., McClure C., Pavlovic N., Chaveste M., and Wang N. (2022) Consistent, high accuracy mapping of daily and sub daily wildfire growth using satellite observations. Presented at the *California Utility Forecasters Meeting, June 29,* by Sonoma Technology, Petaluma, CA. STI-7744.

Huang S., Pavlovic N., McClure C., Chaveste M., and Wang N. (2022) Methodology for consistent daily and sub daily mapping of wildfire growth for 2003-2020 and beyond. Presentation given at the *Fire and Climate 2022 Conference, Pasadena, CA, May 26,* by Sonoma Technology, Petaluma, CA. STI-7730.

Wang N., Cummings M., and Brown S. (2022) Evaluation of on-campus tree planting impact on community air quality using low-cost sensor measurements. Poster presented at the *Air Sensors International Conference, May 11-13, 2022, in Pasadena, CA* by Sonoma Technology, Petaluma, CA. STI-7625.

McClure C.D., Pavlovic N.R., Huang S., Chaveste M.R., and Wang N. (2021) Consistent, high-accuracy mapping of daily and sub-daily wildfire growth with satellite observations. Poster presented at the *AGU Fall Meeting, New Orleans, LA, December 13-17,* by Sonoma Technology, Inc., Petaluma, CA. STI-921020-7573.

Pavlovic N., McClure C., Huang S., Chaveste M., and Wang N. (2021) Methodology for consistent daily and sub-daily mapping of wildfire growth for 2003-2020 and beyond. Presented at the *Association for Fire Ecology 9th International Fire Ecology and Management Congress, Virtual, December 3,* by Sonoma Technology, Petaluma, CA. STI-7643.

## Formal Reports

Scarborough C., Wang N., Penfold B., Hafner H., and Smith K. (2022) Fourteenth annual report of ambient air quality monitoring at sunshine canyon landfill and Van Gogh Elementary School: a fourteen–year

summary, November 22, 2007–November 21, 2021. Annual report prepared for Planning Department, City of Los Angeles, Los Angeles, CA, by Sonoma Technology, Petaluma, CA, STI-915026-7760, July 30.

Scarborough C., Wang N., and Penfold B. (2022) Fifty-sixth quarterly report of ambient air quality monitoring at Sunshine Canyon Landfill and Van Gogh Elementary School Quarterly report prepared for Planning Department, Los Angeles, CA by Sonoma Technology, Petaluma, CA, STI-915026-7652, January.

Scarborough C., Wang N., and Penfold B. (2022) Fifty-fifth quarterly report of ambient air quality monitoring at Sunshine Canyon Landfill and Van Gogh Elementary School. Quarterly report prepared for Planning Department, Los Angeles, CA by Sonoma Technology, Petaluma, CA, STI-915026-7651, January.

Penfold B., Wang N., and Gostic C. (2021) Network evaluation of the Strathcona Industrial Association. Final report prepared for the Strathcona Industrial Association, Edmonton, Alberta, Canada by Sonoma Technology Inc., Petaluma, CA, STI-921046-7631-FR, December.

Brown S., McClure C., Gostic C., Miller D., Pavlovic N., Scarborough C., and Wang N. (2021) Exceptional event demonstration for ozone exceedances in Clark County, Nevada: August 7, 2020. Final Report prepared for the Clark County Department of Environment and Sustainability, Las Vegas, NV, by Sonoma Technology, Inc., Petaluma, CA, STI-920053-7477, September.

Gostic C., Scarborough C., Pavlovic N., McClure C., Miller D., and Wang N. (2021) Exceptional event demonstration for ozone exceedances in Clark County, Nevada: August 3, 2020. Final report prepared for the Clark County Department of Environment and Sustainability, Las Vegas, NV, by Sonoma Technology, Inc., Petaluma, CA, STI-920053-7477, September.

Scarborough C., Wang N., Penfold B., Hafner H., and Smith K. (2021) Thirteenth annual report of ambient air quality monitoring at Sunshine Canyon Landfill and Van Gogh Elementary School: a thirteen-year summary November 22, 2007–November 21, 2020. Annual report prepared for Planning Department, City of Los Angeles and Los Angeles County Department of Regional Planning, Los Angeles, California by Sonoma Technology, Inc., Petaluma, CA, STI-915026-7564-FR.

Scarborough C., Wang N., and Penfold B. (2021) Fifty-Fourth quarterly report of ambient air quality monitoring at Sunshine Canyon Landfill and Van Gogh Elementary School Quarterly report prepared for Planning Department, City of Los Angeles and Los Angeles County Dept. of Regional Planning, Los Angeles, CA by Sonoma Technology, Inc., Petaluma, CA, STI-915026-7570, August.

Brown S., McClure C., Gostic C., Kramer S., Miller D., Scarborough C., and Wang N. (2021) Exceptional Event Demonstration for Ozone Exceedances in Clark County, Nevada – May 9, 2020. Final report prepared for the Clark County Department of Environment and Sustainability, Las Vegas, NV, by Sonoma Technology, Inc., Petaluma, CA, STI-920053-7477, July.

Gostic C., Scarborough C., McClure C., Miller D., Wang N., Kramer S., and Brown S. (2021) Exceptional event demonstration for ozone exceedances in Clark County, Nevada – May 28, 2020. Final report prepared for Clark County Department of Environment & Sustainability Division of Air Quality, Las Vegas, NV by Sonoma Technology, Inc., Petaluma, CA, STI-920053-7477, June.

Gostic C., Scarborough C., McClure C., Miller D., Wang N., Kramer S., and Brown S. (2021) Exceptional event demonstration for ozone exceedances in Clark County, Nevada – May 6, 2020. Final report prepared for the Clark County Department of Environment and Sustainability, Las Vegas, NV by Sonoma Technology, Inc., Petaluma, CA, STI-920053-7477, June.

Gostic C., Scarborough C., Pavlovic N., McClure C., Miller D., Ryder O., and Wang N. (2021) Exceptional event demonstration for ozone exceedances in Clark County, Nevada: June 26, 2020. Draft report prepared for the Clark County Department of Environment and Sustainability, Las Vegas, NV, by Sonoma Technology, Inc., Petaluma, CA, STI-920053-7477, June.

Penfold B. and Wang N. (2020) Fifty-first quarterly report of ambient air quality monitoring at sunshine canyon landfill and Van Gogh Elementary School: June 1, 2020-August 31, 2020. Prepared for the Planning Department, City of Los Angeles, and Los Angeles County Department of Regional Planning, Los Angeles, CA by Sonoma Technology, Inc., Petaluma, CA, STI-915026-7481, December 9.

McClure C., Wang N., Chaveste M., Pavlovic N., and Huang S. (2020) Remote sensing fire activity database with agency record integration for years 2003-2019. Technical memorandum prepared for Pacific Gas & Electric, San Francisco, CA by Sonoma Technology, Petaluma, CA, STI-920029-7286, September 15.

Wang N., Penfold B., Hafner H.R., and Smith K. (2020) Twelfth annual report of ambient air quality monitoring at Sunshine Canyon Landfill and Van Gogh Elementary School: a twelve-year summary (November 22, 2007–November 21, 2019). Final report prepared for the Los Angeles City Planning Department and the Los Angeles County Department of Regional Planning by Sonoma Technology, Inc., Petaluma, CA, STI-915026-7404-AR, July 17.

McClure C., Wang N., Hafner H., McCarthy M., and Brown S. (2020) Volatile organic compound data validation. Technical memorandum prepared for the Hong Kong University of Science and Technology R and D Corporation by Sonoma Technology, Inc., Petaluma, CA, STI-919058-7392, June 30.

Wang N. and Penfold B. (2020) Forty-ninth quarterly report of ambient air quality monitoring at Sunshine Canyon Landfill and Van Gogh Elementary School: December 1, 2019–February 26, 2020. Prepared for the Planning Department, City of Los Angeles, and Los Angeles County Department of Regional Planning, Los Angeles, CA, by Sonoma Technology, Inc., Petaluma, CA, STI-915026-7289, May 7.