

Meeting Presentations and Conference Proceedings

- Zahn P.H., Irwin S.T., and Beamish J.J. (2021) Challenges in forecasting dust and wildfire smoke. Poster presented at the *AGU Fall Meeting, New Orleans, LA, December 13-17*, by Sonoma Technology, Inc., Petaluma, CA. STI-7578.
- Irwin S.T. (2018) Minnesota's Statewide Air Quality Index Forecasting. Presented at the *National Air Quality Conference, Austin, TX, January 25*, by the Minnesota Pollution Control Agency, St. Paul, MN.
- Kuhlman, K.M., T. Smith, Irwin S.T. (2010) Lightning Activity and Charge Structure of Microburst Producing Storms. Presented at the *International Lightning Detection Conference/International Lightning Meteorology Conference, Orlando, FL*, by the Cooperative Institute for Mesoscale Meteorological Studies, Norman, OK.
- Irwin S.T. (2009) Nowcasting Wet Microburst Events with Phased Array Radar. Presented at the *National Weather Association Annual Meeting, Norfolk, VA, October 20*, by the Cooperative Institute for Mesoscale Meteorological Studies, Norman, OK.

Formal Reports

- Irwin S. (2023) Portola End of Season Report | Nov 2023 – Apr 2023. prepared for the Northern Sierra Air Quality Management District, Grass Valley, CA, by Sonoma Technology, Petaluma, CA, STI-921064-7921, May.
- Beamish J.J., Irwin S.T., and Zahn P.H. (2023) State of Delaware final report: ozone observations and forecasts in 2022. Final report prepared for the Delaware Department of Natural Resources and Environmental Control, Wilmington, DE, by Sonoma Technology, Petaluma, CA, STI-920026-7888, March 31.
- Irwin S. (2023) Louisiana air quality summary | 2022. prepared for the Louisiana Department of Environmental Quality, Baton Rouge, LA, by Sonoma Technology, Petaluma, CA, STI-921064-7854, January.
- Beamish J.J., Irwin S.T., and Zahn P.H. (2022) State of Delaware final report: ozone observations and forecasts in 2021. Final report prepared for the Delaware Department of Natural Resources and Environmental Control, Wilmington, DE, by Sonoma Technology, Petaluma, CA, STI-920026-7710, March 31.

Software Documentation

- Irwin S.T. (2018) Minnesota's Meteorological Site Selection Tool (BETA), Technical Support and User's Guide. Prepared for the Minnesota Pollution Control Agency, St. Paul, MN, AQ2-208, May.