

Journal Articles

- Houk, Jeffrey and Michael Claggett. (2009) Air quality management: successes and emerging challenges. *TR News* 262, pp. 8-11. National Academy of Sciences. Washington, DC.
- Claggett, M., and J. Houk. (2009) Comparing on-road mobile source emission factor results. Accepted for publication in the Air and Waste Management Association's 2007 Annual Conference and Exhibition Proceedings. Detroit, Michigan.
- Claggett, M., and J. Houk. (2008) Comparing MOBILE6.2 and Emfac2007 emission factors. Accepted for publication in the Air and Waste Management Association's 2008 Annual Conference and Exhibition Proceedings. Portland, Oregon.
- Houk, J., Claggett, M., and T. Miller. (2007) Impact of diurnal changes in truck speed on roadway emissions calculated with MOBILE6.2. Accepted for publication in the Air and Waste Management Association's 2007 Annual Conference and Exhibition Proceedings. Pittsburgh, Pennsylvania.
- Houk, J. and M. Claggett. (2006) Mobile source air toxics analysis of FHWA projects. Accepted for publication in the Air and Waste Management Association's 2006 Annual Conference and Exhibition Proceedings. New Orleans, Louisiana.
- Claggett, M. and J. Houk. (2006) An Emission inventory Tool for Transportation Conformity Applications in Rural and Small Urban Areas. In *Proceedings of the 2006 TRB 85th Annual Meeting*. CD-ROM. Transportation Research Board, National Research Council, Washington, D.C.
- Houk, J. (2005) The top ten ways that state air agencies can help transportation agencies survive conformity. Accepted for publication in the Air and Waste Management Association's 2005 Annual Conference and Exhibition Proceedings. Minneapolis, Minnesota.
- Claggett, M. and J. Houk. (2005) A graphical user interface for the CALINE3 and CAL3QHC highway air quality models. In *Proceedings of the 2005 TRB 84th Annual Meeting*. CD-ROM. Transportation Research Board, National Research Council. Washington, D.C.
- Houk, J. (2004) Recent streamlining changes in transportation conformity. Accepted for publication in the Air and Waste Management Association's 2004 Annual Conference and Exhibition Proceedings. Indianapolis, Indiana.
- Houk, J. (2004) Making use of MOBILE6's capabilities for modeling start emissions. Accepted for publication in the Air and Waste Management Association's 2004 Annual Conference and Exhibition Proceedings. Indianapolis, Indiana.
- Houk J. and M. Claggett. (2004) Survey of screening procedures for project-level conformity analyses. In *Energy and Environmental Concerns 2004*, pp 50-58. Transportation Research Record No. 1880. National Academy of Sciences. Washington, D.C.

Formal Reports

- Houk J., Huang J., and Sussman E. (2023) Benefits of adopting California's Advanced Clean Cars II standards in sixteen U.S. states. Final report prepared for The International Council on Clean Transportation, San Francisco, CA by Sonoma Technology, Petaluma, CA, STI-922029-7866, April 26.
- Houk J., Huang J., Chang S.Y., and Eisinger D. (2021) Benefits of state-level adoption of California medium- and heavy-duty vehicle regulations. Final report prepared for The International Council on Clean Transportation, San Francisco, CA by Sonoma Technology, Inc., Petaluma, CA, October. Available at <https://theicct.org/sites/default/files/publications/state-level-hdv-emissions-reg-oct21.pdf>.
- Houk J.A., Craig K.J., Chang S.Y. (2020) MOVES modeling analysis for Johnson and Wyandotte Counties, Kansas. Final report prepared for the Kansas Department of Health and Environment, Topeka, KS, by Sonoma Technology, Inc., Petaluma, CA, STI-919054-7262-FR, June 19.

Meeting Presentations and Conference Proceedings

- Coughlin J., Chang S.Y., Pavlovic N.R., Huang J., Craig K.J., Scarborough C., and Driscoll C.T. (2023) Spatially varying nitrogen critical loads and the influences of mediating factors. Presentation given at the *NADP Spring Meeting, Madison, WI, May 1-5*, by Sonoma Technology, Petaluma, CA. STI-7898.
- Huang J., Sussman E., Houk J., and Chang S.-Y. (2022) Public health effects from the adoption of California's Advanced Clean Cars II regulation in Oregon and Connecticut in 2030 and 2040. Presentation given at the *21st Annual CMAS Conference, October 17-19*, by Sonoma Technology, Petaluma, CA. STI-7749.
- Huang J., Houk J., Chang S.-Y., and Minjares R. (2021) Benefits from low-NO_x omnibus and Advanced Clean Trucks (ACT) adoption in 13 States and D.C. from 2020 to 2050. Presented at the *CMAS Conference, virtual, November 4*, by Sonoma Technology, Petaluma, CA, and the International Council on Clean Transportation, San Francisco, CA. STI-7615.
- Chang S.Y., Huang J., Alexander M., Eisinger D., Pavlovic N., and Knipping E. (2021) Air quality benefit from accelerated EV penetration in Southern California: a case study in the Interstate 710 corridor. Presented at the *CMAS Conference, virtual, November 4*, by Sonoma Technology, Petaluma, CA and Electric Power Research Institute, Palo Alto, CA. 600600-7613.
- Huang J., Houk J., Chang S.-Y., and Minjares R. (2021) Benefits from low-NO_x omnibus and Advanced Clean Trucks (ACT) adoption in 13 states and D.C. from 2020 to 2050. Presented at the *CMAS Conference, virtual, November*, by Sonoma Technology, Inc., Petaluma, CA, and the International Council on Clean Transportation, San Francisco, CA. STI-7615.