June is always a big month for A&WMA. We hold our Annual Conference & Exhibition (ACE), where we get a chance to (re)connect with colleagues, learn from topical experts, and see the latest technology in the exhibition hall. If you have not yet registered and made your travel plans, there is still time! Please review the technical program on the A&WMA ACE website (www.awma.org/ace2018). I hope to see you in Hartford!

Each year, the ACE Technical Program includes a Critical Review, a deep dive into an aspect of environmental protection that is relevant for A&WMA members and public policy. This issue of EM and the 48th Annual A&WMA Critical Review both cover environmental issues associated with transportation, focusing on the automobile. The full-length review paper is published in the June issue of the Journal of the Air & Waste Management Association (JA&WMA) and a summary is included in this issue of EM.

At the time of A&WMA's founding in 1907, horses were a major player in transportation. Big city dwellers navigated piles of horse manure and the occasional carcass. People were happy to trade filth and the threat of disease for the automobile. A little over 100 years later, automobiles and other transportation sources of air pollution are responsible for more than half of the emissions of key air pollutants in many areas, according to U.S. Environmental Protection Agency (EPA) data.

Of the social, environmental, and economic implications of our transportation choices, the 2018 Critical Review, authored and presented by Dr. H. Christopher Frey, focuses on automobile fuel economy and air pollution emissions: trends, technology, regulation, challenges, successes, and the effects on public health. While the review will draw on data and experiences from the United States, contributors will also include relevant information from China, Europe, and elsewhere.

Some of our A&WMA Sections and Chapters are also examining transportation impacts through their work on the Ozone Advance program. Ozone Advance is an EPA program that promotes local action to improve air quality in areas that are still in attainment with the ozone National Ambient Air Quality Standard. Air pollution emissions from transportation are key drivers of atmospheric ozone formation in many areas. The Eastern Sierra Chapter hosted a successful event on Ozone Advance in February. Members of the Upper Midwest Section are engaged with Clean Air Minnesota (https://environmental-initiative.org/work/clean-air-minnesota/), a collaborative effort to reduce air pollution in Minnesota that incorporates Ozone Advance. These programs demonstrate regulatory and voluntary steps a state or region could take to improve their air quality before it is mandated. The projects are flexible, contribute to local public health, and avoid higher costs and delays associated with air quality permitting in nonattainment areas.

Beyond the immediate air pollution impacts of automobiles and transportation, the next 100 years will include exciting changes in transportation. Vehicle electrification, car sharing services, autonomous automobiles, improved bicycle and mass transit infrastructure, and improved technology for remote working arrangements will continue to reshape the transportation sector and its environmental impacts.

If you can't attend the Critical Review and ACE in Hartford this year, please start planning to join us at the 2019 ACE in Quebec City, Canada. Our local host committee is excited to welcome you and well into planning for a great conference next year.

Thanks for reading EM, and for your contributions to A&WMA. em