



HOW WE MOVE MATTERS

EXPLORING THE CONNECTIONS BETWEEN NEW TRANSPORTATION AND MOBILITY OPTIONS AND ENVIRONMENTAL HEALTH

VIRTUAL WORKSHOP | JULY 2021

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Technology-enabled transportation services – like ridehailing, delivery apps, automated vehicles, and e-scooters – have revolutionized the way we move. But changing how we get around also impacts our environment. How does ridehailing affect air pollution in our communities? What are the environmental impacts of having packages delivered to our front door? This workshop will bring together experts in transportation, consumer behavior, and environmental health to share perspectives on the environmental health impact of evolving mobility options. Participants will explore existing and needed research on the environmental health challenges related to emerging transportation services expected in the next decade.

Registration will open in the Spring of 2021. This event will be free and open to the public.

CALL FOR PRESENTATIONS

The Planning Committee welcomes expressions of interest to present during our event. The committee is particularly interested in presentations on:

- Urban/suburban travel and consumer behavior trends within the last decade and projections into future (5-10 year outlook)
- Environmental health impact analysis of changing travel and consumer behavior trends- Effects of transportation mode choice trends on the environment
- Projections of near-term future technologies and their impacts on mobility, consumer behavior, and the environment
- Evaluation of implemented policies or economic incentives developed to affect urban/suburban transportation mode choices made by the public to improve mobility and/or environmental health
- Case studies of transportation and environmental health plans with unexpected positive and/or negative outcomes

If you are interested in presenting please [click here to submit](#) a 400-word abstract summarizing your proposed presentation, as well as a short bio and picture for use in the event program if your application is accepted. **Submissions will be accepted until April 15, 2021.** Applicants will be notified of the review decision by May 15, 2021.



PROGRAM AT-A-GLANCE

The following topics are planned for discussion during the workshop.

The Mobility Revolution: How Are Our Options Changing?

Experts on the forefront of evaluating, developing and integrating mobility options in the transportation sector will explore how these options have changed the way we move people and goods recently (within the last 5 years) and how they are likely to change in the future (5-10 year time horizon). Specific focus will be on new transportation technologies and their economic and environmental footprint.

The Big Picture: Why Does the Mobility Revolution Matter to Environmental Health?

This session will examine the mobility changes discussed in session #1 in the context of environmental health – for every change in mode choice, what are the environmental health changes (both positive and negative)? Lessons learned from changes occurring in recent years will also be explored to help evaluate/consider impacts of further mobility changes on environmental health including air quality, waste, and other areas of concern.

Assessing Solutions: Policy's Impact on Our Mobility and Environmental Health

This session will highlight important insights at the nexus of where transportation policies, environmental health policies, and actual consumer behavior meet. Discussions will attempt to find the sweet spot between policy, economic incentives, improved mobility, and environmental health. Example topics may include curbside management, congestion pricing, and zoning.

The Wicked Problems: Real World Experiences and Opportunities to Shape the Path Ahead

As governmental entities, consumers, businesses, and others respond to changes in how people and goods move, what problems affecting environmental health have arisen that are so entwined that they make solutions difficult to find/address? The session will explore some case examples of unexpected consequences of our changing mobility patterns. Workshop attendees will then be invited to share their insights on identifying and addressing the 'Wicked Problems' in mobility and environmental health.

Prioritizing the Path Ahead:

What's Really Needed to Preserve the Environmental Health of our Communities?

Building upon the previous day's discussion, key participating thought leaders will be invited to identify and define key priorities in addressing environmental health issues stemming from changing mobility patterns. It will also discuss the role we all have to play to mitigate negative and encourage positive environmental health outcomes.

Bringing it All Together:

Information and Research Needs for Enhanced Mobility and Environmental Health

Using input and insights gathered throughout the event and reflecting on the prioritization discussions, we will identify needed next steps to address gaps in transportation and environmental health data, policies and plans, and ways all key stakeholders can affect future mobility changes that positively support environmental health.