



Freight & Environment: Ports of Entry

October 23-24, 2019 • Newark, NJ



Call for Abstracts

The Air & Waste Management Association is proud to announce a new specialty conference on Freight and Environment: Ports of Entry that will be held on October 23-24, 2019 at the Hilton Newark Penn Station in Newark, NJ. This conference will explore many solutions to reduce the environmental impacts of all freight transportation, focusing on ports of entry.

The technical program will include panel discussions of experts in the field, forward looking presentations on reducing impacts on the environment, and student participation. The conference will bring together an international community of scientists, regulators, practitioners and students to share ways to make freight more sustainable.

The planning committee is seeking abstracts for platform presentations, panel sessions, and student posters on environmental issues and solutions for all types of ports—marine, rail, air cargo, and truck. Please submit abstracts of 300 words or less with primary author's contact information and affiliation to Cindy Fontanesi via e-mail at ports@awma.org by **March 8, 2019**. Suggested topics include:

Air Quality, Climate Change, Sustainability, and Energy

- Impacts of different transportation modes and mode shift: trucks, locomotives, ships/barges, planes, non-road equipment
- Fuels: alternative/clean fuels, zero emissions, retrofits, alt. fuel corridors and infrastructure
- Emission inventories for ports, air cargo facilities, freight corridor routes, intermodal and distribution/transfer points; life cycle inventories and assessments
- Trucks: alt fuel truck technologies, parking planning, electrification, idle reduction
- Locomotives: operational strategies, stop-start technologies, alt. fuels, emission controls, APUs, idle reduction
- Ship emission control strategies, reducing landside/on-dock/water-side emissions
- Air quality monitoring
- DOE Clean Cities Coalitions, Green Marine program, ANSI-ASQ National Accreditation Board, ISI Envision infrastructure projects

Transportation Planning and Land Use

- Truck routes, volumes and congestion near freight facilities
- Freight rail corridors, connections to ports, transfer stations,
- Shipping routes, return trips, logistics
- Environmental justice, collaboration, equity
- Green ports; ship berthing and anchorage areas
- Intermodal centers
- Brownfields redevelopment for ports and freight facilities; staging and parking near ports and warehouses
- Effects of regulations
- Resiliency planning and implementation
- Community air impacts

Noise

- Noise impacts of freight transportation (trucking or rail)
- Noise issues at air cargo hubs
- Use of buffers for particulate matter and noise reduction near roads & rails
- Noise issues at cargo ports