



Strategies to Accelerate the Clean Up of US Ports

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March 24, 2022



NRDC's Work on Ports

A Case Study: Working Together to Clean Up Freight Transportation

Melissa Lin Perrella is the **Senior Director of the Environmental Justice, Healthy People & Thriving Communities Program** at the **Natural Resources Defense Council (NRDC)**, and is based in Santa Monica, California. In her role at NRDC, she represents communities that have been hardest hit by freight-related air pollution and litigates for the enforcement of the National Environmental Policy Act and the California Environmental Quality Act. The NRDC is an environmental advocacy group that works to ensure the rights of all people to clean air, clean water, and healthy communities.

Martha Matsuoka is the **Executive Director of the Urban and Environmental Policy Institute** at **Occidental College**, where she is also an Associate Professor. She focuses on issues such as sustainable community development, social movements, and environmental justice bring these perspectives into research on ports and development as well as gentrification and displacement. She has served on the Boards of a range of organizations including the Asian Pacific Environmental Network and the Jessie Smith Noyes Foundation and currently serves on the Leadership Board of the Los Angeles Food Policy Council and the Board of Interfaith Movement for Human Integrity.

Angelo Logan is the **Campaign Director** at the **Moving Forward Network**. The Moving Forward Network aims to build grassroots power and transform freight community by improving community health, quality of life, the environment and labor conditions. Angelo is the co-founder of East Yard Communities for Environmental Justice and has worked with a wide variety of coalitions to achieve health protective policies, particularly regarding goods movement and Green Zones. Angelo currently serves on several boards and working groups advancing equity and justice.



Community Organizing

Coalition Partners

- Moving Forward Network
- THE Impact Project
- Chicago EJ Network



Policy

Port	Commitment	Clean Air strategy
Los Angeles	Zero emission trucks by 2035 Zero emission equipment by 2030	Clean Air Action Plan Update 2017
Long Beach	Zero emission trucks by 2035 Zero emission equipment by 2030	Clean Air Action Plan Update 2017; Port Master Plan Update under development
San Diego	Zero emission trucks by 2030	Maritime Clean Air Strategy 2022; Port Master Plan under development
Hueneme	--	Zero emission blueprint under development

Regulations

- Federal
 - EPA Heavy Duty Truck Rule
 - Advancing regulations for rail, ships, and cargo equipment
- State
 - Advanced Clean Fleets
 - Upcoming regulations for rail, ships, and cargo equipment
- Local & regional
 - Indirect Source Rules in Southern California
 - Warehouses
 - Ports
 - Railyards
 - Advancing a menu of options in Chicago

Litigation

- Defending strong regulations
- Challenging bad projects

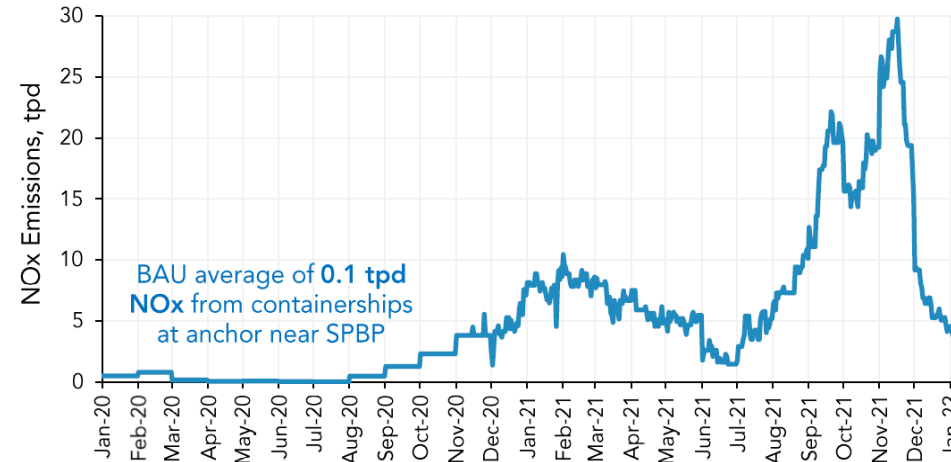


What's at Stake

- E-commerce driving expansions and more pollution in freight impacted communities
- The freight transportation sector currently accounts for roughly 9% of U.S. greenhouse gas emissions
- Within the next 29 years, cargo ships alone will account for roughly 17% of all human-made carbon dioxide emissions worldwide



Figure 1. NOx Emissions from Anchored Containerships at the San Pedro Bay Ports



Source: California Air Resources Board, January 2022