

# EMERGING TRENDS IN AIRPORT ENVIRONMENTAL MANAGEMENT

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ICAO Seminar Green Airports

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# EMERGING ISSUE | Airport Community Health Concerns



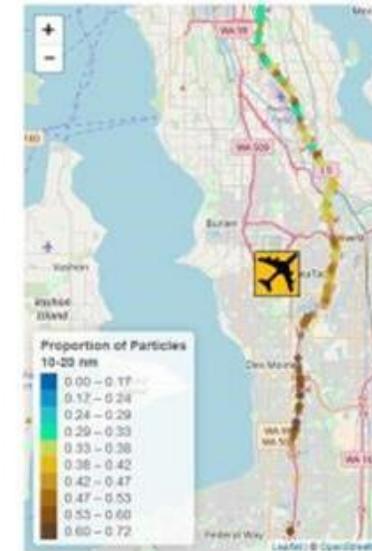
## Proportion of small 10-20 nm particles

Transects vs Primary Road (I-5)

Proportion of Small Particles (10-20 nm)



Proportion of Small Particles (10-20 nm)



- Ultra Fine Particles

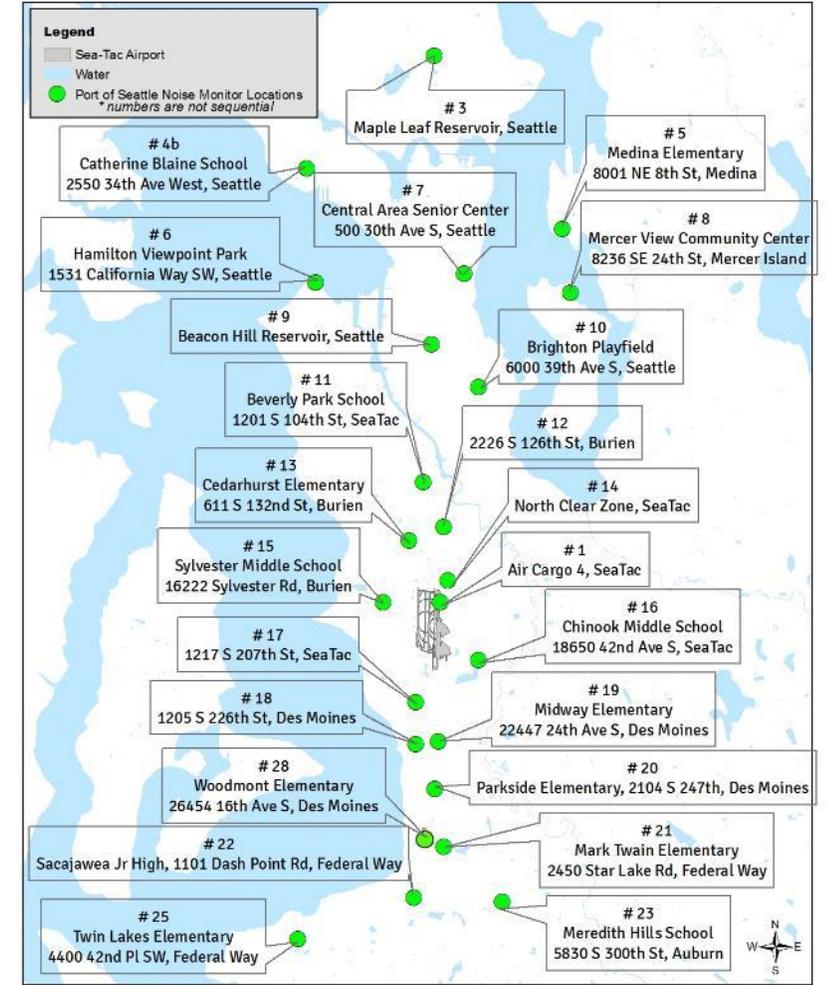
Winter – Spring Data

# EMERGING ISSUE | Airport Health Concerns



- Airport noise

Seattle - Tacoma International Airport  
Noise Monitor Locations



# EMERGING ISSUE

- Equity/Environmental Justice
- Improved Community Engagement
- Communities realizing economic benefits of their airport



# EMERGING ISSUE | Human Trafficking Intervention



# EMERGING ISSUE | Transportation to and from the airport

- Increasing HOV and transit use
- Transportation Management Associations
- First/ Last mile solutions
- Greening TNC's
- EV Charging



# EMERGING ISSUE

- Airport Sending Green Market Signals
- Purchasing Power
- Capital programs/LEED
- Use of Contracts to green airport partner operations



# EMERGING ISSUE | Low Carbon Economy Policy advocacy



# EMERGING ISSUE | Culture Change and Leveraging Innovation



# NO LONGER EMERGING/HIGHLY RELEVANT

- GHG reductions
- Airline Partnerships
- Sustainable Aviation Fuels
- Renewable Energy



## NO LONGER EMERGING/HIGHLY RELEVANT | Climate Resilience

- Resilience assessments and planning
- Preparation for Climate induced weather changes
- Preparation for climate induced social impacts

