



AIR & WASTE MANAGEMENT  
A S S O C I A T I O N

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SINCE 1907

## PROGRAM

### West Coast Region Conference on Marine Port Air Quality Impacts

April 21 - 22, 2004

With

Port Tour (Optional) Hosted by the Port of Seattle April 20<sup>th</sup>

Presented by

**Air & Waste Management Association**

Pacific Northwest International Section (AK, BC, ID, MT, OR, WA)

Golden West Section (Northern California)

West Coast Section (Southern California and Hawaii)

at the

Embassy Suites Hotel, Seattle-Tacoma International Airport  
Seattle, Washington

## CONFERENCE THEME AND WELCOME

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Welcome to the first West Coast Region Conference on *Marine Port Air Quality Impacts*. This event is being co-sponsored by the Pacific Northwest International Section (PNWIS), the West Coast Section, and the Golden West Section of the Air & Waste Management Association (A&WMA). Air emissions from marine operations represent a significant portion of the total air emissions in the major West Coast port cities and may represent the largest unregulated class of emissions in those cities. This conference will examine the regulatory and environmental issues driving concern in the United States and Canada, explore some of the currently available technologies, and highlight some of the success stories. It will not only look at ship emissions but also at shore side emissions such as handling equipment, shore power, buses, trucks and rail.

We anticipate that this conference will meet your professional growth and networking needs and will be an enjoyable experience.

*Jay Willenberg, Conference Chair*

# West Coast Region Conference on Marine Port Air Quality Impacts Agenda

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## Tuesday, April 20-Port Tour (Optional) Hosted by the Port of Seattle

**1:00** Tour of the Port of Seattle's environmental projects includes transportation, an Argosy cruise aboard the Champagne Lady around the Port of Seattle in Elliott Bay and on the Duwamish River, and light refreshments.

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## Wednesday, April 21-Policies, Priorities, and Issues

**8:00 Registration**

**Morning Program - Dennis McLerran**, Puget Sound Clean Air Agency, Executive Director

**9:00 Introduction & Welcome**

**Lawrence T. Molloy**, Port of Seattle Commissioner

**9:15 Issues Driving the Current Interest in Marine Operations Emissions**

**John Iani**, EPA Region X Administrator

**Wayne Nastri**, EPA Region IX Administrator

**Don Fast**, Environment Canada Regional Director General

**10:00 Break**

**10:15 Future Outlook of West Coast Port Activities**

**Charlie Sheldon**, Port of Seattle Seaport Managing Director

**10:45 Regulatory Issues Related to Port Expansions and Redevelopment**

**Kathleen Bailey**, EPA HQ, *Addressing Barriers and Incentives to Enhance Port Environmental Performance*

**Naomi Katsumi**, Environment Canada, Ottawa, *Canadian Marine Vessel Regulatory Overview*

**Noon Lunch Provided**

**Afternoon Program- Ellen Garvey**, Environmental Consultant

**1:15 Technical Air Quality Issues**

**Catherine Witherspoon**, California Air Resources Board Executive

**2:00 Air Quality Management and the Significance of Marine Emissions**

**Dennis McLerran**, Puget Sound Clean Air Executive

**Morris Mennell**, Pacific and Yukon Region, Environment Canada

**Dan Yuska**, Maritime Administration, U.S. Department of Transportation

**3:00 Break**

**3:15 Emission Inventory Overview**

**Bruce Anderson**, Starcrest Consulting  
**Chris Lindhjem**, Environ

**4:00 International Regulatory Perspective: Current and Future Treaties and Rules**

**Jonathan Benner**, Troutman Sanders  
**Bryan Wood-Thomas**, EPA  
TBD, US Coast Guard (re related safety and security issues)

**5:00 Adjourn**

**5:30 Reception**

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**Thursday, April 22-Technical Issues, Real Experience, Success, and the Path Forward**

**Morning Program – Barbara Cole**, Port of Seattle

**8:00 European Perspectives**

**Nicola Robinson**, Environment Directorate-General, European Commission

**8:30 Port Perspectives: Current and Planned Actions, Opportunities, and Constraints**

**Jim McGrath**, Port of Oakland  
**Philip Ralston**, Port of Portland  
**Alicia Blancarte**, Director Environmental Programs, Vancouver BC Port Authority

**9:30 Break**

**9:45 Vessel Operator Perspectives**

**Tom Dow**, Princess Cruises & Tours  
**John Hansen**, Northwest Cruise Ship Association  
**Michael Moore**, Puget Sound Steam Ship Operators

**11:00 Environmental Advocacy Perspective**

TBD, Coalition for Clean Air  
**Russell Long**, Bluewater Network  
TBD, American Lung Association of Washington

**Noon Lunch Provided**

**Afternoon Program - Morris Mennell**, Pacific and Yukon Region, Environment

**1:30 Experience in Practice**

**T.L. Garrett**, Port of Los Angeles

**Tom Murphy**, Planning & Technology Supervisor, Santa Barbara Air  
Pollution Control Agency

**Anatoly Mezheritsky**, Turbo Design

**Bob Maddison**, Project Marine

**3:00 Break**

**3:15 Technical Issues: Available Technologies, Process, and Procedures**

**Milan Lazic**, CH2MHill

**Gordon Esplin**, Genesis Engineering

**Brad Edgar**, Cleaire Advanced Emission Controls

**Tina Stotz**, Washington State Ferry System and **Tom Hudson**, Puget  
Sound Clean Air Agency

**4:30 Path Forward, Summary, and Q&A**

panel

**5:30 Adjourn**

For more information check out our website [www.pnwis.org](http://www.pnwis.org), or please contact

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Barbara Cole

Morris Mennell

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## **ABOUT THE AIR & WASTE MANAGEMENT ASSOCIATION**

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The Air & Waste Management Association ([A&WMA](#)) is a nonprofit, nonpartisan professional organization that provides training, information, and networking opportunities to more than 9,000 environmental professionals in 65 countries. The Association's goals are to strengthen the environmental profession, expand scientific and technological responses to environmental concerns, and assist professionals in critical environmental decision-making to benefit society. The Association's vision is to be the premier international environmental organization promoting global environmental responsibility.

Founded in 1907 by Canadian and American smoke inspectors, A&WMA's members include scientists, engineers, policymakers, attorneys, and consultants who work for governments, corporations, universities, consulting organizations, and law firms. A&WMA is divided into 32 regional sections, 68 local chapters, and 50 student chapters worldwide. Maintaining a neutral forum is vital to the Association, whose bylaws mandate balance by employment sector for membership on the Board of Directors.

The Pacific Northwest International Section (PNWIS) includes A&WMA members and local affiliates in Washington, Oregon, Idaho, Montana, Alaska, and British Columbia. The West Coast Section includes A&WMA members and local affiliates in southern California, Hawaii, and the Pacific Rim. The Golden West Section includes A&WMA members and local affiliates in northern California from Bakersfield north.

## GENERAL CONFERENCE INFORMATION

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### CONFERENCE SETTING AND HOTEL

The 2004 West Coast Region Conference on Marine Port Air Quality Impacts is being held April 21-22, 2004 at the Seattle-Tacoma International Airport [Embassy Suites Hotel](#) at 15920 West Valley Highway in Seattle, Washington. This is an all-suite hotel located 4 miles from the Seattle-Tacoma International Airport and 11 miles south of downtown Seattle. Each 2-room suite offers a private bedroom and separate living room with sofa-bed, wet bar, refrigerator, microwave, coffeemaker, and a well-lit work area. In-room amenities include two remote control TV's, in-room pay movies, two telephones with two lines, voice mail and high-speed wireless internet access, hair dryer, iron, and full-size ironing board. Guests also receive a complimentary full cooked-to-order breakfast, a nightly Manager's reception, complimentary shuttle to and from the airport and within a 5-mile radius, complimentary parking, and on-site dining at Rings Steak, Seafood, and Chophouse. Recreational facilities include an indoor pool, cedar sauna, whirlpool, and fitness center.

### REGISTRATION

Everyone attending the conference must register and receive a badge. Full registration includes access to the technical program, coffee breaks, lunch on Wednesday and Thursday, and a cocktail reception on Wednesday. The registration desk will be open from **8:00 a.m. to 4:00 p.m. on Wednesday and 7:00 a.m. to 3:30 p.m. on Thursday**. Additional luncheon tickets for accompanying persons may be purchased at the Registration Desk.

### PUBLICATIONS

A handout containing copies of speakers' presentations (if provided to the organizing committee) will be produced and distributed to delegates at the conference. No full conference proceedings will be produced. Speakers may also provide their e-mail address if you wish to contact them to obtain more information regarding their presentation.

### PRE-CONFERENCE TOUR, APRIL 20, 2004

The [Port of Seattle](#) is sponsoring a pre-meeting tour of the Port's environmental projects for interested delegates the day before the conference begins. The includes transportation, an Argosy cruise aboard the [Champagne Lady](#) around the Port of Seattle in Elliott Bay and on the Duwamish River, and light refreshments.

## **TECHNICAL SESSIONS – APRIL 21-22, 2004**

There will be one general session each day. Wednesday's session will focus on Policies, Priorities, and Issues facing marine ports. The session on Day 1 will start at 9:00 a.m. and end at 5:00 p.m., followed by a networking reception in the Atrium of the hotel. Thursday's session will focus on Technical Issues, Real Experience, Success, and the Path Forward. The session on Day 2 will begin at 8:00 a.m. and end at 4:30 p.m. Coffee breaks will be included on Wednesday afternoon and Thursday morning. Lunch will be provided in the Atrium of the hotel each day at noon.

## **ACCOMPANYING PERSONS PROGRAM**

An official program is not planned, but information will be available at the Registration Desk for accompanying persons.

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## **ORGANIZING COMMITTEE**

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### **Conference Chair**

Jay Willenberg, CH2M HILL, [jwillenb@ch2m.com](mailto:jwillenb@ch2m.com) or call 425 233 3532

### **Conference Co-Chairs**

Barbara Cole, Port of Seattle, [cole.b@portseattle.org](mailto:cole.b@portseattle.org) or call 206 728 3326

Morris Mennell, Environment Canada, [morris.mennell@ec.gc.ca](mailto:morris.mennell@ec.gc.ca) or call (604) 666-2815

### **Registration Committee**

Alan Butler, Puget Sound Clean Air Agency, [alanb@psccleanair.org](mailto:alanb@psccleanair.org)

Claude Williams, Puget Sound Clean Air Agency, [claudew@psccleanair.org](mailto:claudew@psccleanair.org)

Roylene Cunningham, US EPA Region X, [Cunningham.Roylene@epamail.epa.gov](mailto:Cunningham.Roylene@epamail.epa.gov)

### **Publications Committee**

Angela Hansen, Am Test-Air Quality, LLC, [angelah@amtestairquality.com](mailto:angelah@amtestairquality.com)

Terry Nyman, University of Washington, [Terryn@u.washington.edu](mailto:Terryn@u.washington.edu)

### **Audio Visual Committee**

Michelle Newman, University of Washington, [Etheria77@yahoo.com](mailto:Etheria77@yahoo.com)

### **Industry Tour**

Barbara Cole, Port of Seattle, [cole.b@portseattle.org](mailto:cole.b@portseattle.org)

## CONFERENCE SPONSORS

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A special thanks to the following sponsors:



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