

# Energy & Environment Seminar

September 11-12, 2018

Hyatt Regency Jersey City, Jersey City, NJ

## Tuesday, September 11

8:00 – 8:30 a.m.  
(Manhattan II)

**Registration/Continental Breakfast**

**Sponsored by Kimley-Horn**

**Kimley»Horn**

8:30 – 8:50 a.m.  
(Manhattan I)

**Welcome and Opening Remarks**

8:50 – 9:00 a.m.  
(Manhattan I)

**Recognition of 9/11 and Invocation**

*Deacon Paul Rosenblum, Apostleship of the Sea-Stella Maris*

### 1<sup>ST</sup> FOCUS AREA

**Air Emissions and Climate Change**

9:00 – 9:45 a.m.  
(Manhattan I)

**Keynote: IMO Leadership on Reducing Sulfur and GHG Emissions from Global Shipping**

*This year, the IMO Marine Environment Protection Committee announced a draft agreement to reduce greenhouse gases from shipping, and in 2020, new global standards for fuel sulfur content will go into effect.*

**Speaker:**

*Wayne Lundy, P.E., Senior Engineer, Office of Design and Engineering Standards, United States Coast Guard*

9:45 – 11:00 a.m.  
(Manhattan I)

**Electrifying Fleets and Demonstrating Zero Emissions Technology**

*Electrification of vehicles from trucks to cargo handling equipment is becoming a reality, as ports seek to demonstrate the viability of electrification and other zero emissions technology in and around marine terminals.*

**Discussion Leader:**

*Heather Tomley, Director of Environmental Planning, Port of Long Beach*

**Speakers:**

*Kit Chope, Vice President, Sustainability, Port of Virginia*

*Brett Oakleaf, Senior Engineer, National Renewable Energy Laboratory Integrated Applications Center*

*Greg Alexander, Vice President/COO, Muni-Fed Energy, Inc.*

11:00 – 11:15 a.m.  
(Manhattan II)

**Break**

**Sponsored by Cardno and TRE Consulting**



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**Tuesday, September 11 (continued)**

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11:15 a.m. –  
12:15 p.m.  
(Manhattan I)

**Measuring and Reducing GHG Emissions at Ports**

*Many ports and port cities are undertaking efforts to better measure and reduce their greenhouse gas emissions, both independently and as part of efforts such as the Climate Mayors Initiative. There are opportunities for the port industry to show leadership on reducing greenhouse gas emissions.*

**Moderator:**

*Sarah Garza, Director, Env'l Planning and Compliance, Port of Corpus Christi;  
Chair, AAPA Environment Committee*

**Speakers:**

*Mike Moltzen, Deputy Director, Transportation & Climate Division,  
EPA Office of Transportation and Air Quality*

*Eleanor Kirtley, West Coast Program Manager, Green Marine*

*Joe Ray, Air Quality Technical Director/Principal, Starcrest Consulting Group, LLC*

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12:15 – 1:15 p.m.  
(Manhattan II)

**Lunch**

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1:15 – 2:30 p.m.  
(Manhattan I)

**Implementing Clean Vessel Incentive Programs at Ports**

*Many ports have implemented voluntary programs to reduce oceangoing vessel emissions, including slow steaming incentives and use of the Environmental Ship Index.*

**Discussion Leader:**

*Amelia Pellegrin, Director of Sustainable Development, Port of New Orleans*

**Speakers:**

*Donnie Brown, Vice President, Maritime Policy, Cruise Lines International Association*

*Dr. Antonis Michail, WPSP Technical Coordinator, World Port Sustainability Program*

*Tess Arzu, Environmental Initiatives Specialist, Port Authority of New York &  
New Jersey*

*Sarah Braude, Senior Sustainability Officer, RightShip*

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2:30 – 2:45 p.m.  
(Manhattan II)

**Break**

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**2<sup>nd</sup> FOCUS AREA**

**Water Quality and Sediment**

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2:45 – 4:00 p.m.  
(Manhattan I)

**Reducing Marine Debris In and Around Ports**

*Ports have undertaken a variety of projects and programs to reduce marine debris, including innovative uses of technology to address debris found in waterways and preventing trash from reaching bays, harbors and rivers.*

**Discussion Leader:**

*Dr. Joel Baker, Professor and Port of Tacoma Chair in Environmental Science,  
University of Washington – Tacoma*

**Speakers:**

*Jared Magyar, Director, Operations & Facilities, Port of Cleveland*

*Jason Jordan, Director, Environmental and Planning Services, The Northwest Seaport  
Alliance*

*Holly Miller, Environmental Manager, Maryland Port Administration*

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**Tuesday, September 11 (continued)**

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4:00 – 5:15 p.m.  
(Manhattan I)

**Engaging Communities on Cleaning Up Contaminated Sites**

*While contaminated properties can provide opportunities for port development, they pose challenges for clean up. Engaging communities on clean up efforts can help facilitate the remediation of these sites.*

**Discussion Leader:**

*Schenine Mitchell, Brownfields Project Manager, EPA Region 2*

**Speakers:**

*Bill Jackson, Kelly Drye & Warren LLP*

*Amelia Pellegrin, Director of Sustainable Development, Port of New Orleans*

*Louise Yeung, Energy Portfolio Manager, Asset Management, New York City Economic Development Corporation*

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5:15 – 6:30 p.m.  
(Manhattan Foyer & Terrace)

**Reception**

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**Wednesday, September 12**

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8:30 – 9:00 a.m.  
(Manhattan II)

**Continental Breakfast**

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9:00 – 9:15 a.m.  
(Manhattan I)

**Welcome from the Port Authority of New York and New Jersey**

**Speaker:**

*Sam Ruda, Deputy Director, Port Dept., Port Authority of New York & New Jersey*

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9:15 – 9:30 a.m.  
(Manhattan I)

**Presentation of AAPA 2018 Environmental Improvement Awards**

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**3<sup>rd</sup> FOCUS AREA**

**Resiliency and Planning**

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9:30 – 10:45 a.m.  
(Manhattan I)

**Incorporating Resiliency into Port Planning and Environmental Projects**

*Master plans, strategic plans and environmental projects all present opportunities for ports to utilize existing processes and systems to address resiliency concerns.*

**Discussion Leader:**

*Sarah Garza, Director, Environmental Planning & Compliance, Port Corpus Christi*

**Speakers:**

*Dr. Elizabeth Mclean, Research Associate, Department of Marine Affairs, Coastal Institute, University of Rhode Island*

*Anne Idsal, Regional Administrator, EPA Region 6*

*Kelly Tait, Senior Environmental Specialist, Port of San Diego*

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10:45 – 11:00 a.m.  
(Manhattan II)

**Break**

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**Wednesday, September 12 (continued)**

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11:00 a.m. –  
12:00 p.m.  
(Manhattan I)

**How the Federal Government Can Support Building Sustainable Infrastructure**

*U.S. port projects require the input and approval of a wide variety of federal agencies before they can advance, and federal agencies can also be key partners through grants and other support mechanisms. This session will explore how the federal government can support ports in bringing new infrastructure projects online quickly and efficiently.*

**Moderator:**

*Rick Cameron, Deputy Executive Director of Planning and Development, Port of Long Beach*

**Speakers:**

*Susan Monteverde, Vice President of Government Relations, AAPA*

*Katherine Touzinsky, Research Scientist, USACE Research & Development Center*

*Bill Hanson, Vice President, Government Relations & Business Development, Great Lakes Dredge & Dock*

*Joshua Murphy, Management and Program Analyst, NOAA - Coastal Services Center*

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12:00 – 1:00 p.m.  
(Manhattan II)

**Lunch**

**Sponsored by the Port Authority  
of New York & New Jersey**



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1:00 – 2:00 p.m.  
(Manhattan I)

**Ensuring Energy Resiliency & Continuity of Electrified Operations at Ports**

*As ports move to power more and more of their cargo handling equipment through grid-sourced electricity, they are also taking steps to ensure that weather events and other disruptions do not impede their ability to move cargo through marine terminals.*

**Moderator:**

*Meredith Martino, Chief Engagement Officer, AAPA*

**Speakers:**

*Joseph E. Eaves, III, Director, Government Relations, National Electrical Manufacturers Association (NEMA)*

*Stephan Pezdek, AIA, Manager – Port Jersey, Port Authority of New York and New Jersey*

*Ezra Finkin, Policy Director, Diesel Technology Forum*

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**Wednesday, September 12 (continued)**

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2:00 – 3:00 p.m.  
(Manhattan I)

**Adopting LNG and Sustainable Fuels in Marine Applications**

*The vessel industry is adopting the use of liquefied natural gas (LNG) and other lower emission fuels in its operations, creating opportunities for ports to service this growing industry and stake out leadership positions related to LNG.*

**Moderator:**

*Jason Jordan, Director, Environmental and Planning Services, The Northwest Seaport Alliance*

**Speakers:**

*David Stubbs, Director, Properties and Environmental Compliance, JAXPORT  
Stephanie Hudgins, Southeast Business Unit Leader/Senior Consultant/Principal,  
Cardno*

*Darren Bishop, Project Manager, Cardno*

*Peter Keller, Executive Vice President, TOTE*

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3:00 – 3:15 p.m.  
(Manhattan II)

**Break**

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3:15 – 4:00 p.m.  
(Manhattan I)

**Using Innovative Wetland and Habitat Projects to Improve Infrastructure Resiliency**

*Ports have been undertaking wetland and habitat creation projects for many decades, but in recent years, they are more likely to marry these projects with efforts to create coastlines that resist or slow down erosion or prevent flooding.*

**Moderator:**

*Rick Sheckells, Managing Principal, EcoLogix Group Inc.*

**Speakers:**

*Max Taffet, AICP, Vice President, Ports & Transportation, New York City Economic Development Corporation*

*Paul Meyer, Manager, Env'l Permitting & Compliance, Port of Seattle*

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4:00 p.m.

**Seminar Adjourns**

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