



## Monday, October 26 • On-Demand Presentations (approximately 30 minutes each)

### Welcome and Opening Remarks

*Robert Morris, Chief Communications Officer, Georgia Ports Authority, and AAPA Public Relations Chair  
Amelia Pellegrin, Director of Sustainable Development, Port of New Orleans, and AAPA Environment Committee Chair*

### Air Emissions

*Many ports operate in regions that fail to meet federal health-based air quality standards. Many also operate near communities that face significant air quality challenges. Consequently, port authorities and marine terminal operators have engaged in efforts to reduce emissions from freight transportation activities. Implementing best practices and communicating with port stakeholders the success of those efforts, will drive innovation, build partnerships, enhance community relations, and ultimately improve the economic and environmental performance of port authorities and marine terminal operators.*

### On-Demand Session Topics:

#### Benchmarking Greenhouse Gases and Air Pollutants at Ports

**Speaker:** *Manon Lanthier, Communications Manager, Green Marine*

#### How to Showcase and Promote Port Emissions Reductions

**Speakers:** *Erik Neugaard, Environmental Program Manager, Seaport Engineering and Construction Division, Port Everglades; and Alan Powell, Senior Environmental Engineer, EPA*

#### Public Engagement for a Pathway to Zero Emissions

**Speaker:** *Amy Tharpe, Director of Social Responsibility, Port of Oakland*

#### World Ports Climate Action Program Update

**Speaker:** *Jacqueline Moore, Environmental Specialist, Port of Long Beach*

#### Getting to Zero – It Begins at Berth

**Speaker:** *Roger Strevens, Vice President, Global Sustainability, Wallenius Wilhelmsen*

## Live Sessions

(all times listed are EDT)

3:00 – 4:00 p.m.	<p><b>Exhibit Appointments</b> Don't miss this opportunity to engage with your maritime industry customers. AAPA's unique virtual platform is the next best thing to being in person and allows your business or organization to reach a wider audience efficiently.</p>
4:00 – 5:00 p.m.	<p><b>Live Discussion/Q&amp;A with the Speakers</b></p> <ul style="list-style-type: none"> <li>• <i>Manon Lanthier, Green Marine</i></li> <li>• <i>Erik Neugaard, Port Everglades</i></li> <li>• <i>Alan Powell, EPA</i></li> <li>• <i>Amy Tharpe, Port of Oakland</i></li> <li>• <i>Jacqueline Moore, Port of Long Beach</i></li> <li>• <i>Roger Strevens, Wallenius Wilhelmsen</i></li> </ul> <p><b>Moderated by:</b> <i>Meredith Martino, Vice President of Membership &amp; Sponsorship, AAPA</i></p>



# AAPA Anywhere: Energy & Environment Seminar

October 26-30, 2020

## Tuesday, October 27 • On-Demand Presentations (approximately 30 minutes each)

### Water Quality, Sediments, Erosion and Stormwater Runoff

Among the top priorities of Western Hemisphere ports is protecting the habitat and water quality of the oceans, rivers, creeks and wetlands surrounding their properties from the potentially damaging effects of erosion and contaminant-laden stormwater runoff, which may include metals, oil residues and nutrients from port operations. Seaports strive to be good neighbors by employing and communicating about activities, initiatives and innovative tools designed to avoid, reduce and/or mitigate any impacts from their operations.

#### On-Demand Session Topics:

#### Showcasing Port of San Diego's #That'sMyBay Water Quality Campaign

**Speakers:** Jen Barsell, Director, Marketing & Communications, Port of San Diego; Melissa Dailey, Senior Environmental Specialist, Port of San Diego

#### Communicating the Handling of Water Runoff, Water Usage and Mitigation Projects

**Speaker:** Mike Rickman, Deputy Director, Operations and Maintenance, North Texas Municipal Water District

#### Solutions for Bi-National Ballast Water Management

**Speaker:** Paul Topping, Director of Regulatory and Environmental Affairs, Chamber of Marine Commerce

#### Advancing Beneficial Use Practices to Support System Resilience: Examples of Navigation Channel Dredging and Innovative Placement in Coastal New Jersey

**Speaker:** Monica Chasten, Operations Project Manager, U.S. Army Corp of Engineers' Philadelphia District

#### Environmental Challenges for Dredging

**Speaker:** William Hanson, SVP, Government Relations & Business Development, Great Lakes Dredge & Dock Co, LLC

## Live Sessions

(all times listed are EDT)

3:00 – 4:00 p.m.

#### Exhibit Appointments

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4:00 – 5:00 p.m.

#### Live Discussion/Q&A with the Speakers

- Jen Barsell and Melissa Dailey, Port of San Diego
- Mike Rickman, North Texas Municipal Water District
- Paul Topping, Chamber of Marine Commerce
- Monica Chasten, U.S. Army Corp of Engineers' Philadelphia District
- William Hanson, Great Lakes Dredge & Dock Co, LLC

**Moderated by:** Jim Walker, Director of Navigation Policy & Legislation, AAPA



# AAPA Anywhere: Energy & Environment Seminar

October 26-30, 2020

## Wednesday, October 28 • On-Demand Presentations (approximately 30 minutes each)

### Port Resiliency and Continuity-of-Operations Planning

Ports face unique challenges for long-term resilience planning due to both market forces as well as exposure to hazards both natural and man-made. Responding to these challenges remains difficult, with issues related to electric grid sustainability, the ability to access energy in times of an emergency (terrorist, man-made or natural disasters), the ability of port infrastructure to withstand these events, and more. In preparing for and reducing damage from these hazards, the challenges for ports include problems with communication, personnel, and coordination with local, state, and federal stakeholders. While ports are taking steps to become more resilient, challenges still exist for ports and the maritime industry

### On-Demand Session Topics:

#### Fomenting Stakeholder Engagement and Management in Port Sustainability

**Speaker:** Prof. dr. Michaël Dooms Associate Professor, Management and Strategy, Vrije Universiteit Brussel, Department of Business – Unit Management and Strategy

#### Port Resiliency: Interoperability Through Emergency & Business Continuity Planning

**Speaker:** Mark Gillan, Director, Emergency Solutions International Inc.

#### Australian Ports Lay Down Global Marker for Sustainability Planning

**Speakers:** Mike Gallacher, CEO, Ports Australia; and Simona Trimarchi, Chair of Ports Australia's Sustainability Working Group, Ports Australia

#### Focus on AIVP's Agenda 2030 for Sustainable Port Cities

**Speaker:** José Sanchez, Dr. Ing - International Project Management, AIVP

#### The Collaborative Process Behind Green Marine's New Community Relations Performance Indicator

**Speakers:** Véronique Trudeau, Program Manager for the St. Lawrence Region, Green Marine

#### Information as Critical Infrastructure

**Speaker:** RDML Tim Gallaudet, Ph.D., U.S. Navy (Ret.)

## Live Sessions

(all times listed are EDT)

4:00 – 5:00 p.m.

### Live Discussion/Q&A with the Speakers

- Prof. dr. Michaël Dooms, Unit Management and Strategy
- Mark Gillan, Emergency Solutions International Inc.
- Mike Gallacher and Simona Trimarchi, Ports Australia
- José Sanchez, AIVP
- Véronique Trudeau, Green Marine
- RDML Tim Gallaudet, Ph.D., U.S. Navy (Ret)

**Moderated by:** Robert Morris, Chief Communications Officer, Georgia Ports Authority, and AAPA Public Relations Chair

5:00 – 6:00 p.m.

### Exhibit Appointments

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# AAPA Anywhere: Energy & Environment Seminar

October 26-30, 2020

## Thursday, October 29 • On-Demand Presentations (approximately 30 minutes each)

### Climate Change Impacts and Planning

While ports are the cornerstone of international trade and commerce, they are also increasingly at risk of climate change threats such as rising sea levels, intense storms (including high winds, drenching rain and wave surges from hurricanes), and higher temperatures. Adapting to water level is constrained both by a lack of appropriate or endorsed engineering standards for maritime infrastructure and in the rate of sea level rise, which may require replacing or updating port infrastructure. Damage to infrastructure from erosion and storm surge inundation is costly to replace and maintain, particularly where existing coastal defense structures are outdated or in poor repair. More and longer delays to shipping caused by more frequent and larger storm events may also gradually have an impact on the reliability of marine shipping.

### On-Demand Session Topics:

#### Why the Business Community Cares About Climate Change These Days

**Speaker:** Bob Willard, Chief Sustainability Champion and Founder, Sustainability Advantage

#### Practical Steps to Conduct Climate Risk Assessment and Adaptation Planning

**Speakers:** Greg Fisk, Senior Leader/Australia Office, BMT; Rick Cox, Senior Leader/U.S. Arlington Office, BMT

#### Turning the Ship: How Port of Seattle is Taking a Local and Regional Approach to Addressing Climate Change and Air Pollution

**Speakers:** Alex Adams, Senior Environmental Program Manager, Port of Seattle; Ryann Child, Port of Seattle; David Fujimoto, Port of Seattle

#### Advancing Climate Resilience for U.S. Seaports: Insights from a Decade of Applied Research


**Speaker:** Austin Becker, PhD, Visiting Fellow, US Naval War College, University of Rhode Island

#### Oceanbird

**Speaker:** Per Tunell, Vice President, COO, Wallenius Marine AB

## Live Sessions

(all times listed are EDT)

3:00 – 4:00 p.m.	<b>Exhibit Appointments</b> There is still time to connect with the Exhibitors. Don't miss this opportunity to engage with your maritime industry customers. AAPA Anywhere: Energy & Environment Seminar & Expo has a lot to offer.
4:00 – 5:00 p.m.	<b>Live Discussion/Q&amp;A with the Speakers</b> <ul style="list-style-type: none"> <li>• Bob Willard, Sustainability Advantage</li> <li>• Greg Fisk and Rick Cox, BMT</li> <li>• Alex Adams, Ryann Child, and David Fujimoto, Port of Seattle</li> <li>• Austin Becker, University of Rhode Island</li> <li>• Per Tunell, Wallenius Marine AB</li> </ul> <b>Moderated by:</b> Amelia Pellegrin, Director of Sustainable Development, Port of New Orleans, and AAPA Environment Committee Chair
5:30 – 6:30 p.m.	<b>Event Wide Virtual Reception</b> <div style="text-align: right;">  </div>



# AAPA Anywhere: Energy & Environment Seminar

October 26-30, 2020

## Friday, October 30 • On-Demand Presentations (approximately 30 minutes each)

### Energy Commodities

While fossil fuels continue to be the foundation of most energy-dependent nations, businesses worldwide are also investing in virtually every alternative technology.... from wind, water, geothermal and solar power to lithium batteries and even fuels made from algae. Transportation of these myriad energy commodities, as well development of landside assets for production and storage, will continue to provide new and exciting economic development opportunities for ports. In this session, we'll look at marine terminal development and operations relating to handling different energy commodities, with a particular focus on the policy, permitting and funding challenges. Presenters will also identify community perceptions and misperceptions about handling various energy commodities at ports, and discuss opportunities for cargo growth, taxable investment and/or job creation.

### On-Demand Session Topics:

#### Overview of Today's Energy Industry

**Speaker:** Sheila Hollis, Acting Executive Director, United States Energy Association (USEA)

#### Port of Vancouver USA Goes to New Lengths to Support Wind Energy Industry

**Speaker:** Alex Strogen, Chief Commercial Officer, Port of Vancouver USA

#### Offshore Wind Projects Aiding New England Ports

**Speaker:** Edward Anthes-Washburn, Executive Director, Port of New Bedford

## Live Sessions

(all times listed are EDT)

3:00 – 4:00 p.m.

### Exhibit Appointments

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4:00 – 5:00 p.m.

### Live Discussion/Q&A with the Speakers

- Sheila Hollis, United States Energy Association (USEA)
- Alex Strogen, Port of Vancouver USA
- Edward Anthes-Washburn, Port of New Bedford

**Moderated by:** Douglas Sullivan, Senior Associate, Dewberry

