Harbors, Navigation & Environment Seminar and GreenPort Americas 2010
May 4-6, 2010 • Francis Marion Hotel • Charleston, SC

AAPA THANKS SEMINAR SPONSORS:

Harbors, Navigation & Environment Seminar

Tuesday, May 4

7:45 – 8:30 am  Registration and Continental Breakfast
(Carolina A Foyer)

8:30 – 9:00 am  Welcome and Opening Remarks
(Carolina A)

Kurt Nagle
President & CEO
AAPA

Deborah Hadden
Deputy Port Director, Properties
and Transportation
Massachusetts Port Authority
Chair, Harbors, Navigation and Environment Committee

James I. Newsome, III
President and Chief Executive Officer
South Carolina State Ports Authority
### Tuesday, May 4 (continued)

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Description</th>
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<tbody>
<tr>
<td>9:00 – 10:30 am</td>
<td>Environmental Sustainability</td>
<td>The panel will highlight best practices and technologies in use around the world to improve port sustainability.</td>
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<td><strong>Moderator:</strong></td>
<td>Tim Van Wormer, Development Project Manager, Port of Portland</td>
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<td></td>
<td><strong>Speakers:</strong></td>
<td>Richard Vincent, Environmental Project Manager, Port of Portland</td>
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<td></td>
<td><strong>“State of Practice in Non-U.S. Ports”</strong></td>
<td>Noeleen A. Tillman, Chair, TEC/International Institute for Seaport Sustainability</td>
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<td></td>
<td><strong>“Improving Air Quality for Communities”</strong></td>
<td>Anthony Chiarello, Executive Vice President and Chief Operating Officer, NYK Logistics (Americas)</td>
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<td><strong>“North American Best Practices White Paper”</strong></td>
<td>Dean Tracy, Director, International Transportation, Lowe's, North Wilkesboro, NC</td>
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<td>10:30 – 10:45 am</td>
<td>Break</td>
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<td>10:45 am – 12:15 pm</td>
<td>Financial Sustainability</td>
<td>Speakers will discuss how ports can be green in an economic recession and specific asset management tools.</td>
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<td><strong>Moderator:</strong></td>
<td>Rodney W. Oliver, PPM, CPA, Deputy Executive Director of Administration and CFO, Virginia Port Authority</td>
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<td><strong>Speakers:</strong></td>
<td>John D. Pauling, PE, BCEE, Director, Ports and Maritime, WorleyParsons Group Inc., Reading, PA</td>
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<td><strong>“Can Ports Be Green in a Recession?”</strong></td>
<td>Stephanie Jones Stebbins, P.E., Senior Manager, Seaport Environmental Programs, Port of Seattle</td>
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<td><strong>“Sustainable Asset Management and Managing Environmental Costs at the Port of Seattle”</strong></td>
<td>Mark Jaworski, Client Service Manager, Ports and Waterways Group, Weston Solutions Inc., Edison, NJ</td>
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<tr>
<td>12:15 – 1:45 pm</td>
<td>Luncheon</td>
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Tuesday, May 4 (continued)

1:45 – 3:15 pm (Carolina A)  Social Responsibility
This session will provide examples of port community outreach efforts, helping ports to be good neighbors.

**Moderator:**
Heather Wood
Director of Environmental Affairs
Virginia Port Authority

**Speakers:**
“Role of Ports in Addressing Environmental Justice Issues Related to Goods Movement”
Alycia Gilde
Vice President of East Coast Operations
Gladstein, Neandross & Associates
New York, NY

“Making Efforts to Be Good Neighbors”
Jan Prahm
Tutech Innovation GmbH

“Involving the Community in Dredged Material Placement”
Frank L. Hamons
Deputy Director for Harbor Development
Maryland Port Administration

3:15 – 3:30 pm (Carolina B)  Break

3:30 – 4:45 pm (Carolina A)  Sustainable Planning and Design
The speakers will discuss sustainable planning and design for port terminals and dredging.

**Moderator:**
Ms. Hadden

**Speakers:**
“Bayport Container/Cruise Terminal”
Mark Vincent
Project Manager Supervisor
Port of Houston Authority

“Sustainable Dredging and Sediment Management”
Kurt Frederick
Senior Technical Manager
Weston Solutions, Inc.
West Chester, PA

5:30 – 6:30 pm  Reception

- Hosted by the **South Carolina State Ports Authority**

The reception will be held at **Chai’s Lounge & Tapas**, located at 462 King Street (a short 3-block walk from the hotel)
## Wednesday, May 5

<table>
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<tr>
<th>Time</th>
<th>Event</th>
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<tr>
<td>7:30 – 8:00 am</td>
<td>Continental Breakfast</td>
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| 8:00 – 8:30 am | **Keynote Address — Making the Business Case for Meeting the Bottom Line While Balancing Environmental and Social Obligations**  
**Speaker:**  
Geraldine Knatz, Ph.D.  
Executive Director  
Port of Los Angeles |
| 8:30 – 9:45 am | **Green Port Initiatives**  
Panelists will share case studies on reducing greenhouse gases and air emissions, as well as water resource protection.  
**Moderator:**  
Dana Blume, P.G.  
Environmental Affairs Manager  
Port of Houston Authority  
**Speakers:**  
“South Carolina State Ports Authority Pledge for Growth Initiative”  
Jeannie Adame  
Environmental Affairs Manager  
South Carolina State Ports Authority  
“Maryland Port Administration Programs”  
Richard Sheckells, Jr.  
Chief, Environmental Initiatives  
Maryland Port Administration  
“Port of Long Beach Green Port Policy”  
Richard Cameron  
Director of Environmental Planning  
Port of Long Beach |
| 9:45 – 10:00 am | Break                                                                |
| 10:00 – 11:15 am | **Climate Change Impacts – Preparing for the Future**  
What type of sea level rise can we realistically expect and how are ports preparing for it?  
**Moderator:**  
Paul Carangelo, REM, CESM, PWS  
Coastal Environmental Planner  
Port of Corpus Christi Authority  
**Speakers:**  
“U.S. Sea Level Rise Predictions”  
Margaret A. Davidson  
Director  
NOAA Coastal Services Center  
Charleston, SC  
“Climate Change Impacts on Seaports: A Survey of AAPA and IAPH Member Ports”  
Austin Becker  
Ph.D. Candidate  
Stanford University |
Wednesday, May 5 (continued)

11:15 am – 12:30 pm
(Carolina A)

**Port Sustainability Tools**

*What is in your tool box?*

**Moderator:**
Aston A. Hinds, PMP
Environmental Affairs Manager
Port of Houston Authority

“Using the Balanced Scorecard to Execute a Sustainability Strategy”
Jim Coffey
Principal
Beyond Scorecard, LLC
Marietta, GA

**Speakers:**

*“EPA Compliance Toolbox”*
Linda Longo
Regional Compliance Assistance Coordinator
U.S. Environmental Protection Agency – Region 2
New York, NY

12:30 – 2:00 pm
(Carolina B)

**Luncheon**

2:00 – 3:30 pm
(Carolina A)

**Goods Movement Electrification and Technologies**

*Panelists will share case studies on reducing greenhouse gases and air emissions.*

**Moderator:**
Jay A. Ach
Manager of Regulatory & Environmental Affairs
Port of San Francisco

“Clean Ports USA: How Diesel Emission Reduction Grants are Moving Innovations from Concept to Marketplace”
Trish Koman
Clean Ports USA Program Manager
U.S. EPA – Office of Transportation and Air Quality
Ann Arbor, MI

**Speakers:**

*“Zero Emission Cargo Mover Project”* and

*“Evaluation of Available and Emerging Technologies for Container Handling Equipment”*
Kevin Maggay
Environmental Specialist
Port of Los Angeles

3:30 – 3:45 pm
(Carolina B)

**Break**

3:45 – 5:00 pm
(Carolina A)

**IAPH World Climate Initiative**

*This session will introduce the International Association of Ports and Harbors’ World Port Climate Initiative and specific tools developed for carbon foot-printing and calculating carbon emissions.*

**Moderator:**
Lisa Wunder
Environmental Specialist
Port of Los Angeles

“Carbon Calculator”
Bruce Anderson
Air Quality Director/Principal
Starcrest Consulting Group, LLC
Poulsbo, WA

**Speakers:**

*“Carbon Footprinting”*
Ms. Wunder
# GreenPort Americas 2010

## Thursday, May 6

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<tr>
<th>Time</th>
<th>Session</th>
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<tr>
<td>8:15 – 8:45 am</td>
<td><strong>Continental Breakfast</strong></td>
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<tr>
<td>8:45 – 9:00 am</td>
<td><strong>Welcome and Opening Remarks</strong></td>
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<td></td>
<td>Julian King</td>
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<td>EWP Communications Ltd.</td>
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<td>Surbiton, UNITED KINGDOM</td>
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<td>9:00 – 9:30 am</td>
<td><strong>World Port Climate Initiative (continued)</strong></td>
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<td>Moderator:</td>
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<td>Ms. Wunder</td>
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<td>Speaker:</td>
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<td><strong>“Progress on Tools for Implementation”</strong></td>
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<td>Jan Fransen</td>
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<td>Managing Director</td>
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<td>Green Award Foundation</td>
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<td>ROTTERDAM</td>
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<td>9:30 – 10:45 am</td>
<td><strong>Greening Ports Through Carbon Management</strong></td>
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<td>The speakers will address carbon management strategies for ports and ships.</td>
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<td><strong>Speakers:</strong></td>
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<td><strong>“Port Metro Vancouver’s Carbon Neutral Initiative”</strong></td>
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<td>Darrell Desjardin</td>
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<td>Director, Environmental Programs</td>
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<td>Port Metro Vancouver</td>
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<td>Chris Badger</td>
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<td>Chief Operating Officer</td>
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<td>Port Metro Vancouver</td>
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<td>10:45 – 11:00 am</td>
<td><strong>Break</strong></td>
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<td>11:00 am – 12:30 pm</td>
<td><strong>Greening the Global Logistics Chain</strong></td>
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<td>This session will highlight options for reducing ship emissions, alternative and renewable energy opportunities and reducing energy consumption.</td>
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<td><strong>Speakers:</strong></td>
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<td><strong>“Options for Greening Ship Operations”</strong></td>
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<td>Christopher Pålsson</td>
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<td>Director</td>
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<td>IHS Fairplay</td>
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<td>Gothenburg, Sweden</td>
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<td><strong>“Vessel Efficiency Improvements for Reducing CO2 Footprint + LNG a Better Way to Cold Iron”</strong></td>
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<td>John Hatley, PE</td>
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<td>Americas Vice President Ship Power</td>
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<td>Wartsila North America, Inc.</td>
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<td>Houston, TX</td>
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<td><strong>“The Shipping Line Perspective”</strong></td>
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<td>Bill Williams</td>
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<td>Vice President of Health, Safety &amp; Environment</td>
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<td>Maersk, Inc.</td>
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<td>Charlotte, NC</td>
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<td>Time</td>
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<td>12:30 – 2:00 pm</td>
<td>Luncheon</td>
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<td>2:00 – 3:00 pm</td>
<td><strong>Marine Spatial Planning</strong></td>
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<td>The panelists will explain marine spatial planning and discuss efforts and status of marine spatial planning efforts in the U.S. and the EU.</td>
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<td><strong>Speakers:</strong></td>
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|              | “Marine Spatial Planning in the United States” Lesley-Anne McGee  
Battelle Memorial Institute  
Duxbury, MA  
|              | “Lessons Learned from the Massachusetts Ocean Management Plan Development”  
Stephanie Moura  
Executive Director  
Massachusetts Ocean Partnership  
Boston, MA  
| 3:00 – 3:15 pm | Break                                        |
| 3:15 – 4:30 pm | **International Initiatives to Promote Port Sustainability** |
|              | Case studies from around the world will be provided. |
|              | **Moderator:**                               |
|              | Armando Duarte-Peláez  
Member of the Board  
Sociedad Portuaria de Santa Marta S.A.  
| | **Speakers:**                                |
|              | “Panama Canal Expansion”  
Esteban Sáenz  
Environment, Water & Energy  
Panama Canal Authority  
|              | “International Solutions for Sustainable Ports”  
Jay R. Jahangiri, REM, REA, CESM, REEW  
President and Environmental Health, Safety and Sustainability Director  
TRE Consulting, Inc.  
Martinez, CA  
| 4:30 – 4:45 pm | Closing Remarks: The Road from Copenhagen – Where Do We Go From Here?  
Mr. King  