

Facilities Engineering Seminar

Jacksonville, FL

April 24-26, 2019

(Business casual attire is suggested for this seminar)

Wednesday, April 24

7:30 – 8:30 a.m.
(Clearwater Foyer)

Registration and Continental Breakfast

8:30 – 8:45 a.m.
(Clearwater)

Welcome and Opening Remarks

Speakers:

Kurt J. Nagle, President, American Association of Port Authorities, Alexandria, VA

*William E. Crowe, P.E., Vice President, Engineering, Construction and Facilities,
Canaveral Port Authority, Chairman, AAPA Facilities Engineering Committee*

*James Bennett, PE, Senior Director, Engineering & Construction, Jacksonville Port Authority
(JAXPORT)*

8:45 – 10:15 a.m.
(Clearwater)

Panel I: Technology Forum: Using Tech to Extend Infrastructure Life

Moderator:

*William E. Crowe, P.E., Vice President, Engineering, Construction and Facilities, Canaveral
Port Authority, Chairman, AAPA Facilities Engineering Committee*

Speakers:

*Gary D. Ledford, P.E., Project Director, Ports & Maritime, Jacobs, Cape Canaveral, FL
(Evaluation of Existing Dock Facilities for Allowable Loading)*

*Hatem Seliem, PhD, PE, PMP, SDR Engineering Tallahassee, FL
(Carbon Fiber – increasing on dock load capacity)*

*Scott Fenical, Coastal Practice Leader, N/S America, Mott MacDonald
(Technologies for Evaluating Risks to Existing Berth Infrastructure from Larger Vessels)*

*Brian Pailes, Vector Corrosion, Tampa, FL
(Resisting Corrosion-Extending Life of Infrastructure)*

10:15 – 10:30 a.m.
(Clearwater Foyer)

Break

Wednesday, April 24 (continued)

10:30 a.m. – Noon
(Clearwater)

Panel II: Resiliency

Moderator:

Christopher B. Novack, P.E., Senior Director of Engineering & Facilities Maintenance, Georgia Ports Authority

Speakers:

Katherine Chambers, Research Scientist, USACE Research & Development Center

Measuring the Response and Recovery of Ports to the 2017 Hurricane Season
(This presentation will provide an initial review of the 2017 hurricane season and metrics to measure response at ports.)

Jacqueline Keiser, PG, PMP, Director, Regional Sediment Mgmt, US Army Corps of Engineers, Jacksonville District, Jacksonville, FL

Lynette Cardoch, PhD, Director of Resilience and Adaption, Moffatt & Nichol, Miami, FL
The concept of resiliency from an abstract buzz word to practical applications in the port setting. Several examples from U.S. ports will be provided

Noon – 1:30 p.m.
(Daytona)

Lunch

1:45– 2:45 p.m.
(Clearwater)

Panel III: GIS Technology

What you need to know about this evolving technology

Moderator:

Donna M. Huey, S.V.P. Atkins North America Inc. Orlando, FL

Speakers:

Daniel Elroi, President & CEO, NorthSouth GIS LLC, Los Angeles

John M. Sawyer, Vice President, Arc Surveying & Mapping, Inc. Jacksonville, FL
(Port Canaveral bathymetric and resistivity surveys)

2:45 – 3:15 p.m.
(Clearwater)

Special Panel: Pavement Issues

Speaker:

Dan Gee, President, Gee Asphalt Systems Inc., Cedar Rapids, IA

3:15 – 3:30 p.m.
(Clearwater Foyer)

Break

3:30 – 5:00 p.m.
(Clearwater)

Panel IV: Asset Management

Moderator:

Erik Stromberg, Executive Director, Lamar University, Port Arthur, TX

Speakers:

Donna M. Huey, S.V.P. Atkins North America Inc. Orlando, FL

Henk Voogt, Port of Rotterdam, Asset Management Construction, Netherlands

Patricia Gaynor, StrongPorts Marine Engineer, U.S. Dept. of Transportation Maritime Administration, Washington, DC

Wednesday, April 24 (continued)

5:30 – 6:30 p.m.
(St. Johns)

Reception *(to be held in the Exhibit Hall)*

Sponsored by **Atkins**



SNC • LAVALIN

ATKINS

Member of the SNC-Lavalin Group

***** FEATURED AGAIN THIS YEAR *****

**The exhibit hours have been extended to include this special reception!
Join port engineering professionals from around the globe, and engage one-on-one
with some of the best port and marine engineering firms in the world.**

Thursday, April 25

7:30 – 8:30 a.m.
(St. Johns)

Continental Breakfast *(served in the Exhibit Hall)*

8:30 – 10:00 a.m.
(Clearwater)

Panel V: Funding Capital Projects

Moderator:

Nicholas LaPointe, Director of Planning & Capital Development, Port of Cleveland

Speakers:

*Michael T. Williamson, Principal, Cambridge Systematics, Inc.
(Infra and Build Grant submittals)*

David Morrison, Director, Financial Planning and Treasury, Port of Tacoma

John J. Corley, III, MBA, P.E., Ports Sector Director, Atkins Global, Alexandria, VA

10:00 – 10:30 a.m.
(St. Johns)

Break *(served in the Exhibit Hall)*

10:30 a.m. – Noon
(Clearwater)

Panel VI: Significant Projects

Moderator/Speaker:

Elizabeth Ogden, Assistant Port Director, Capital Development, PortMiami

PORTMiami Projects

Speakers:

*Christopher A. Lawrence, P.E., Principal Project Manager, Ports & Maritime,
Jacobs, Philadelphia, PA*

Moin Costa Rica Terminal Development

Scott Bakos, Managing Principal, Partner, Bermello Ajamil & Partners, Inc., Miami, FL
CT-3 at Canaveral

Duane Kenagy, Senior Executive Lead, Port of Long Beach

**Long Beach Capital Projects: Gerald Desmond Bridge & Middle Harbor
Terminal Redevelopment Projects**

Noon – 1:45 p.m.
(Daytona)

Lunch *(Coffee and dessert will be served in the Exhibit Hall – St. Johns)*

Thursday, April 25 (continued)

1:45 – 3:15 p.m.
(Clearwater)

Panel VII: Intermodal Rail

Moderator:

John R. Lenfestey, P.E., Senior Project Manager, North Carolina State Ports Authority

Speakers:

Zachary Canody, Director, Engineering, The Port of Virginia
Intermodal projects at their VIG and NIT terminals

Jamie Gwaltney, V.P. Moffatt & Nichol, Savannah, GA

Overview of several large intermodal projects in various stages of development including the Mason Mega-Rail project (in construction), the Appalachian Regional Port (in operation), and the Northeast Georgia Inland Port (in design)

James Dubea, Vice President, Ports and Marine, TranSystems Corporation

Jacksonville Intermodal Container Transfer Facility

3:15 – 3:30 p.m.
(St. Johns)

Break (served in the Exhibit Hall)

3:30 – 5:00 p.m.
(Clearwater)

Panel VIII: Latest Design Trends

Moderator:

Jonathan Wetselaar, Director of Engineering & Maintenance, Hamilton Port Authority

Speakers:

Vijaykumar Agrawal, Dir., Ports & Intermodal, N.A. Atl & Gulf Region, AECOM, Miami, FL
Corpus Christi Channel Deepening: Discuss application of simulation modeling for capacity, operations and infrastructure phasing planning of Ports and navigable channels and waterways. Will present the data needs, modeling scope of work and anticipated results using a case study from the Port Corpus Christi and will provide information on AECOM's Vessel Network Model (VNM.)

Scott Bakos, Partner, Design & Architecture, Bermello, Ajamil & Partners, Inc., Miami, FL
Cruise terminal design has transformed from an uninspiring warehouse setting to an exciting event that provides a memorable experience for the passenger.

Friday, April 26

8:00 – 8:30 a.m.
(Clearwater Foyer)

Continental Breakfast

8:30 – 10:00 a.m.
(Clearwater)

Panel IX: LNG Terminals

Moderator:

James Bennett, P.E., Vice President Engineering & Construction, Jacksonville Port Authority

Speakers:

Alexander Fairchild, LNG Tankbarge Operations, Foss Maritime Company

George McGregor, PE, Vice President, HDR Engineering, Inc., Jacksonville, FL

John McMillin, PE, Senior Mechanical Engineer, RS&H, Merritt Island, FL

LTJG Emily Sysko, Chief, Waterways Mgt. Division, USCG Sector Jacksonville, FL

Friday, April 26 (continued)

10:00 – 10:15 a.m.
(Clearwater Foyer)

Break

10:15 – 11:30 a.m.
(Clearwater)

Panel X: Emerging Industry Trends

Moderator:

*William E. Crowe, P.E., Vice President, Engineering, Construction and Facilities,
Canaveral Port Authority, Chairman, AAPA Facilities Engineering Committee*

Speakers:

*Charlie Rocheleau, Division Leader – Municipal & Education, The Haskell Company,
Jacksonville, FL*

Design Build Delivery Methods

William Jordan, Axion Structural Innovations, Zanesville, OH

Long life structural composite alternatives made from recycled waste suitable for rail
ties, crane mats and marine applications

Rocky Johnson, Vice President, Ivey Construction, Merit Island, FL

Construction Management Risk

11:30 a.m.

Seminar Is Adjourned
