

Tuesday June 25, 2024 – Tampa Technical Program – Updated June 16, 2024

	HB PLANT BALLROOM	Tampa Bay Ballroom – Salon 7	Tampa Bay Ballroom – Salon 8	Tampa Bay Ballroom – Salon 9
10:00 - 11:50am	<p>Session 1 - TAMU/ERDC Plenary Jeffrey King, Ram Mohan</p> <p>USACE EWN Proving Grounds – A Review of the Process, Achievements, and Lessons Learned Dr Ram Mohan^{1,2}, Dr Jeffrey King³ ¹Texas A&M University, College Station, TX, USA. ²Anchor QEA, Horsham, PA, USA. ³USACE ERDC, Vicksburg, MS, USA</p>			
11:50am - 1:40pm				
1:40 - 3:20pm	<p>2A - Engineering with Nature & Beneficial Reuse Case Studies Chair: Andrew McQueen Presentation type: General Session</p> <p>1:40 - 2:00pm challenges to Implementation of Beneficial Use of Dredged Material: Findings of Regional Workshops Mr. Zachary Tyler¹, Mrs. Susan Bailey¹, Dr. Paul Schroeder¹, Dr. Peter Tereszkiwicz², Mrs. Jesyca Jarabica¹, Mrs. Brooke Walker¹, Dr. Donald Hayes² ¹U.S Army Corps of Engineers, Vicksburg, Mississippi, USA. ²The Dredging Professor LLC, Madison, Mississippi, USA</p> <p>2:00 - 2:20pm Integrating Landscape Architecture and Engineering for Nature Based Solutions in Dredged Material Management Part A: Landscape Architecture Focus with Gulf Coast Examples Rob Holmes¹, Sean Burkholder², Brian Davis³, Theresa Ruswick⁴, Matt Henderson, PE⁵, Mindy Strevig⁶, Dr. Jeffrey King⁷, Dr Ram Mohan⁸ ¹Auburn University, Auburn, Alabama, USA. ²University of Pennsylvania, Philadelphia, Pennsylvania, USA. ³University of Virginia, Charlottesville, Virginia, USA. ⁴Proof Projects, Philadelphia, Pennsylvania, USA. ⁵Anchor QEA, Syracuse, New York, USA. ⁶Anchor QEA, Baltimore, Maryland, USA. ⁷USACE ERDC, Vicksburg, Mississippi, USA. ⁸Anchor QEA, Horsham, Pennsylvania, USA</p> <p>2:20 - 2:40pm Integrating Landscape Architecture and Engineering for Nature Based Solutions in Dredged Material Management Part B: Engineering Focus with Great Lakes Examples Mindy Strevig, PE¹, Sean Burkholder², Brian Davis³, Rob Holmes⁴, Theresa Ruswick⁵, Matt Henderson⁶, Dr. Jeffrey King⁷, Dr Ram Mohan^{8,9} ¹Anchor QEA, Baltimore, Maryland, USA. ²University of Pennsylvania, Philadelphia, Pennsylvania, USA. ³University of Virginia, Charlottesville, Virginia, USA. ⁴Auburn University, Auburn, Alabama, USA. ⁵Proof Projects, Philadelphia, Pennsylvania, USA. ⁶Anchor QEA, Syracuse, New York, USA. ⁷USACE ERDC, Vicksburg, Mississippi, USA. ⁸Anchor QEA, Horsham, Pennsylvania, USA. ⁹Texas A&M, College Station, Texas, USA</p> <p>2:40 - 3:00pm How the USACE is Creating Coastal Bird Islands through Unconfined Placement of Dredged Sediments at Baptiste Collette Bayou Dr. Burton Suedel¹, Jeff Corbino², Dr. Michael Guilfoyle¹, Dr. Jacob Jung⁴ ¹US Army Engineer Research and Development Center, Vicksburg, MS, USA. ²USACE New Orleans District, New Orleans, LA, USA</p> <p>3:00 - 3:20pm A History of USACE Sediment Management from the Clean Water Act to Present: Trends Toward Sustainability Dr. Jennifer Miller USACE ERDC, Chicago, Illinois, USA</p>	<p>2B - Environmental Dredging & Capping Chair: Jason Raimondi Presentation type: General Session</p> <p>1:40 - 2:00pm Multi-Layer Amended Cap Installed in Lake George Canal Middle Section Restoration Project Mr. Sam Crawford <i>J.F. Brennan Company, Inc., La Crosse, WI, USA</i></p> <p>2:00 - 2:20pm Milwaukee River OU2 Remedial Action, Phases 1 & 2—Complex Remediation in a Challenging Site, from the Contractor’s Perspective Mr. Nathan Wyrowski, Mr. Tyler Lee <i>J.F. Brennan Company, Inc., La Crosse, WI, USA</i></p> <p>2:20 - 2:40pm Leveling the Bidding Field with Treatability Testing Mr. Connor McNeely <i>J.F. Brennan Company, Inc. (Brennan), Rockford, MI, USA</i></p> <p>2:40 - 3:00pm Lessons Learned from an Urban Sediment Remediation Project – A Component of Delisting the Milwaukee Estuary AOC VP Construction Services Joseph Caryl¹, VP/Senior Waste Management Leader John Trast², Senior Geotechnical Engineer Karl Krueger³ ¹GEI Consultants, Inc, Plymouth, MI, USA. ²GEI Consultants, Inc, Green Bay, WI, USA. ³GEI Consultants, Inc., Green Bay, WI, USA</p> <p>3:00 - 3:20pm Evaluation of Containment Alternatives for the Milwaukee Estuary Dredged Material Management Facility Senior Waterfront Engineer Craig Harley¹, Senior Managing Engineer Joseph Ridgway², Senior Project Manager Bridget Henk³ ¹Ramboll, Milwaukee, Wisconsin, USA. ²Ramboll, Chicago, Illinois, USA. ³Milwaukee Metropolitan Sewerage District, Milwaukee, Wisconsin, USA</p>	<p>2C - Panel: Sustainable Urban Climate Adaptation: Revitalizing Waterfronts with Large-Scale Nature-Based Solutions, a Conversation About Enablers and Global Best Practices Presentation type: Panel Discussion</p> <p>Sustainable Urban Climate Adaptation: Revitalizing Waterfronts with Large-Scale Nature-Based Solutions, a Conversation About Enablers and Global Best Practices Mr. Edgar Westerhof <i>Arcadis, New York City, New York, USA. Pratt Institute, New York City, New York, USA. ASCE COS, Reston, VA, USA</i></p>	<p>2D - Advances in Construction Methodologies Chair: Kristen Ewert Presentation type: General Session</p> <p>1:40 - 2:00pm Adoption of Sand Stockpile Methodologies for the Use of Hydraulically Placed Sand to Support Dune Renourishment and Storm Restoration Projects in Florida Dr. Michael Jenkins <i>Geosyntec, Inc., West Palm, FL, USA</i></p> <p>2:00 - 2:20pm Dredging In-the-Dry as an Alternative to Mechanical and Hydraulic Dredging Within Small Lake Projects in Central Maryland Senior Engineer Derek Wagner <i>Anchor QEA, Horsham, Pennsylvania, USA</i></p> <p>2:20 - 2:40pm Dredged Material Confined Disposal Facility Design Optimization during Construction at Spirit Lake, Duluth, Minnesota Jamie Beaver¹, Matt Bowman¹, Michael Ciarlo¹, Jeff Boltz¹, Luke Rief², Mark Loomis³ ¹EA Engineering, Science, and Technology, Inc., PBC, Hunt Valley, MD. ²EA Engineering, Science, and Technology, Inc., PBC, Lincoln, NE. ³EPA Great Lakes National Program Office, Chicago, IL</p> <p>2:40 - 3:00pm Innovative Use of Geotextile Tubes to Protect Reservoir Banks from Erosion Mr. Randy Pit, Mr. Aaron Wright <i>J.F. Brennan Company, Inc., Rockford, MI, USA</i></p> <p>3:00 - 3:20pm Effect of the Impeller Clearance Gap on Slurry Pump Performance and Production Robert Visintainer, George McCall, Travis Basinger <i>GIW Industries, Inc., Grovetown, GA, USA</i></p>
3:20 - 4:00pm				
4:00 - 5:20pm	<p>3A - EWN/DREDGE TECHNOLOGY RESEARCH Chair: Amanda Tritinger Presentation type: General Session</p> <p>4:00 - 4:20pm Advancements in Coastal Numerical Modeling for Engineering With Nature: Integrating Research and Tools to Support Natural Based Solutions and Beneficial Use Materials for Sustainable and Resilient Infrastructure Development Dr Amanda Tritinger <i>ERDC, Vicksburg, Mississippi, USA</i></p> <p>4:20 - 4:40pm Maturing Beneficial Use of Dredged Sediment Practice Through Modeling and Analytical Techniques Dr Candice Piercy¹, Dr. Safra Altman¹, Dr. Thomas Huff¹, Margaret Kurth², Dr. Emily Russ³, Dr. Todd Swannack^{4,5} ¹U.S. Army Engineer Research and Development Center, Vicksburg, MS, USA. ²U.S. Army Engineer Research and Development Center, Concord, MA, USA. ³U.S. Army Engineer Research and Development Center, Washington, DC, USA. ⁴U.S. Army Engineer Research and Development Center, San Marcos, TX, USA. ⁵Texas State University, San Marcos, TX, USA</p> <p>4:40 - 5:00pm Importance of Understanding Cohesive Sediment Dynamics for Expanding Beneficial Use of Dredged Material with Fine Grained Sediment Dr David Perkey¹, Monica Chasten², Dr Lenore Tedesco³ ¹US Army Corps of Engineers, Vicksburg, MS, USA. ²US Army Corps of Engineers, Philadelphia, PA, USA. ³The Wetlands Institute, Stone Harbour, NJ, USA</p> <p>5:00 - 5:20pm Inspiring Dredging-Related Innovation Through Research and Development Dr. Donald Hayes¹, Dr. Ram Mohan², Mindy Strevig³, Ancil Taylor⁴, Dr. Alan Kennedy⁵, Daniel Farrar⁵, Katherine Brutsché⁶ ¹The Dredging Professor LLC, Marion, MS, USA. ²AnchorQEA, Horsham, PA, USA. ³AnchorQEA, Baltimore, MD, USA. ⁴Dredging Consulting, Hattiesburg, MS, USA. ⁵USAE Engineer Research and Development Center, Vicksburg, MS, USA. ⁶USACE HQ, Washington, DC, USA</p> <p>5:20 - 5:40pm Barriers and Opportunities in Adopting AI Technologies in Coastal and Marine Engineering: Insights from Industry Professionals Abolfazl Yousefi¹, Ram K. Mohan^{2,3}, Orencio Duran Vinent² ¹Texas A&M University, College Station, TX, USA. ²Texas A&M University, College Station, MS, USA. ³Anchor QEA, LLC, Anchor QEA, LLC, MS, USA</p>	<p>3B - Panel: Environmental Sediment (Muck) Dredging and Treatment of Interstitial Water Presentation type: Panel Discussion</p> <p>Environmental Sediment (Muck) Dredging and Treatment of Interstitial Water Engineer III Jeanne Allen¹, Associate Environmental Specialist Abbey Gering¹, Director of Business Development – Environmental Group Andrew Timmis², Senior Dredging Engineer Joe Wagner³ ¹Brevard County Natural Resources Management Dept., Viera, FL, USA. ²J.F. Brennan Company, Inc., Braintree Hill, MA, USA. ³Black & Veatch, Jacksonville, FL, USA</p>		

Wednesday June 26, 2024 – Tampa Technical Program – Updated June 16, 2024

	2nd Floor HP PLANT BALLROOM	Tampa Bay Ballroom – Salon 7	Tampa Bay Ballroom – Salon 8	Tampa Bay Ballroom – Salon 9
8:00 - 10:00am	Session 4 - Environmental Plenary Chair: Steve Garbaciak			
10:00 - 10:20am				
10:20am - 12:00pm	5A - Environmental Program Chair: Teal Dreher Presentation type: General Session 10:20 - 10:40am Pinellas County’s Future Flood Risk Modelling Community Resilience Strategist Hank Hodde, Water Resources Engineer Amanda Berens <i>Jacobs, Tampa, FL, USA</i> 10:40 - 11:00am From Disposal to Beneficial Placement: Reviewing the Key Factors in Open Water Dredged Sediment Placement’s Influence on Fish Habitat Andrew McQueen ¹ , Brett Hayhurst ¹ , Scott Pickard ² , Justin Wilkens ¹ , Karen Keil ³ ¹ USACE ERDC, Vicksburg, MS, USA. ² USACE Buffalo District, Buffalo, NY, USA. ³ USACE ERDC, Buffalo, NY, USA 11:00 - 11:20am Gopher Tortoise Remediation and Burrow Repair in a DMMA – Lessons Learned Terence Cake <i>Taylor Engineering, Jacksonville, FL, USA</i> 11:20 - 11:40am Building Resilient Rivers: A Sustainable Approach to Sediment Management in Impounded Waters. Lara Gehrmann, Thomas Gross <i>Hülskens Sediments GmbH, Wesel, NW, Germany</i> 11:40am - 12:00pm An Integrated Experimental and Theoretical Exploration for Sustainable Marsh Creation at the Louisiana Coast Omar Shahrear Apu, Dr. Jay Wang <i>Louisiana Tech University, Ruston, LA, USA</i>	5B - Beneficial Use Program Development Chair: Mark Gravelding 10:20 - 10:40am Public / Private Partnership for Programmatic BUDM Implementation at the J.D. Murphree Wildlife Management Area - Texas Project Leader Michael Rezsutek ¹ , Natural Resource Specialist Andrew Peters ¹ , Director of Conservation Programs Todd Merendino ² ¹ Texas Parks and Wildlife Department, Port Arthur, TX, USA. ² Ducks Unlimited, Richmond, TX, USA 10:40 - 11:00am Dredging and dredged material management in New Jersey: a journey of three decades from disposal to beneficial use Scott Douglas ¹ , Genevieve Clifton ¹ , Michael Marano ² , Sean Flanigan ³ , Anthony DePasquale ⁴ , James Lodge ⁵ , James Heeren ⁶ ¹ New Jersey Dept. of Transportation, Trenton, NJ, USA. ² WSP USA, Inc, Lawrenceville, NJ, USA. ³ Gahagan and Bryant Associates, Baltimore, MD, USA. ⁴ ST Hudson Engineers, Cherry Hill, NJ, USA. ⁵ Hudson River Foundation, New York, NY, USA. ⁶ Dewberry Engineers, Inc, Parsippany, NJ, USA 11:00 - 11:20am Texas-sized Planning Effort for Beneficial Use of Dredged Material PE Ian Fisher <i>Anchor QEA, Corpus Christi, Texas, USA</i> 11:20 - 11:40am Advancing Dredging and Beneficial Use Practices Through the Seven Mile Island Innovation Laboratory Ms. Monica Chasten ¹ , Dr. Lenore Tedesco ² , Dr. David Perkey ³ ¹ US Army Corps of Engineers, Philadelphia, PA, USA. ² The Wetlands Institute, Stone Harbor, NJ, USA. ³ US Army Corps of Engineers, Vicksburg, MS, USA 11:40am - 12:00pm Moving Beneficial Use of Dredged Material Forward in Alabama George Ramseur, Peyton Posey, Kevin Hanegan <i>Moffatt & Nichol, Mobile, AL</i>	5C - Panel: Tampa Harbor Navigational Improvements, Regional Beneficial Use and Resiliency Initiatives Chair: Jenna Philips	5D - Innovation in Equipment Chair: Connor Tennant Presentation type: General Session 10:20 - 10:40am A New Generation of Tomography-Based Non-Nuclear Density Meter Dr. Hsin-Yu Wei ¹ , Dr. John Alamina ¹ , Mr. Daniel McCormack ² , Dr. Hanyang Xu ¹ , Mr. Ken Primrose ¹ ¹ Process Flow Intelligence Ltd, Manchester, Manchester, United Kingdom. ² Industrial Tomography Systems Ltd, Manchester, Manchester, United Kingdom 10:40 - 11:00am Improving Turbidity Monitoring Using an Autonomous Underwater Vehicle Near Dredging in Coastal Louisiana Justin Wilkens ¹ , Alyssa Eck ¹ , Andrew McQueen ¹ , Shea Hammond ¹ , Jeffrey Corbino ² ¹ US Army Engineer Research and Development Center, Vicksburg, MS, USA. ² US Army Corps of Engineers, New Orleans, LA, USA 11:00 - 11:20am Real-Time Measurements for Enhanced Turbidity Monitoring Mr. Brock Houston ¹ , Mr. Andrew Luessenhop ² , Mr. Tyler Hintz ¹ ¹ In-Situ Inc., Fort Collins, CO, USA. ² In-Situ Inc, Chicago, IL, USA 11:20 - 11:40am Vanguard Technology: The Crucial Importance of the Bathymetry Echogram for the Success of the Excavation Work. Case Study of the Tietê-Paraná Waterway Mr. José Bartolomeu Ferreira Fontes ¹ , Mr. Mathias Schlosser ² , Dr. Lígia Maria Simon Falleiros Fontes ³ ¹ GeoTag Batimetria Ltda, Santos, São Paulo, Brazil. ² WARNOW C CONSULTORIA E SERVICOS LTDA, São José do Ribamar, São Luis do Maranhão, Brazil. ³ Policlínica Veterinária Lígia Falleiros, Buritama, São Paulo, Brazil 11:40am - 12:00pm Multibeam Imaging Sonar for Reliability Assessment of Bubble Curtains Dr. Jessica Daignault ¹ , Colin Smith ¹ , Scott Milne ² ¹ Kongsberg Discovery, Port Coquitlam, Vancouver, Canada. ² Milne Technologies, Keene, Ontario, Canada
12:00 - 1:40pm				
1:40 - 3:20pm	6A - Panel: Environmental Justice Shaping Fair Shores: The Intersection of Dredging and Environmental Justice Jonathan Seiden ¹ , Julie Hile ¹ , Rachel Hile-Broad ¹ , Amanda Tritinger ² , Katherine Jacintho ³ ¹ Hile Group, Normal, IL, USA. ² USACE ERDC, Vicksburg, MS, USA. ³ Charter Contracting Company, Boston, MA, USA	6B - Environmental Dredging Practices Chair: Rebecca Desrosiers 1:40 - 2:00pm Repairing the Nearly 100-Year Old Chicago Harbor Lock Demands Innovative Solutions Mr. Wyatt Eaton <i>J.F. Brennan Company, Inc., La Crosse, WI, USA</i> 2:00 - 2:20pm Improving Resiliency of Remedial Post-Dredging Capping or Backfill – Material Properties that Improve Stability and Performance President John Hull, COO John Collins, V.P. Moses Ajemigbitse, Ph.D. <i>AquaBlok, Swanton, Ohio, USA</i> 2:20 - 2:40pm Thin Layer Muck Capping: Investigation and Design for the Save Our Indian River Lagoon, Cocoa Beach Golf Muck Capping Project Senior Engineer Jason Raimondi ¹ , Senior Engineer Dogus Meric ² , Senior Engineer Mustafa Saadi ³ , Senior Principal Jim Langenbach ⁴ , City Manager Wayne Carragino ⁵ ¹ Geosyntec Consultants, Pennington, NJ, USA. ² Geosyntec Consultants, Oak Brook, IL, USA. ³ Geosyntec Consultants, Kennesaw, GA, USA. ⁴ Geosyntec Consultants, Tittusville, FL, USA. ⁵ City of Cocoa Beach, Cocoa Beach, FL, USA 2:40 - 3:00pm Making Strides Towards Restoration: Environmental Dredging to Remove Fine-Grained, Organic-Rich Muck in the Indian River Lagoon, Brevard County, FL Abbey Gering, Jeanne Allen, Beb Sebastian <i>Brevard County Natural Resources Management Department, Viera, FL, USA</i> Collaborative Approach Leads to Success on the Multi-Faceted and Multi-Jurisdictional Munger Landing Remediation Mr. Casey Evenson ¹ , Ms. Caitlin Nigrelli ² ¹ J.F. Brennan Company, Inc. (Brennan), La Crosse, WI, USA. ² United States Environmental Protection Agency, Chicago, IL, USA	6C - USACE South Atlantic Division’s RSM and BU Updates Chair: Laurel Reichold Presentation type: General Session 1:40 - 2:00pm USACE South Atlantic Division’s RSM and BU Updates - Technical Session Proposal Laurel Reichold <i>U.S. Army Corps of Engineers, Jacksonville, FL, USA</i> 2:00 - 2:20pm Achieving 70% BUDM as part of the Tampa Harbor Navigation Improvement Study (3x3x3): Creating Win-Win Situations Aubree Hershorer, Bryan Merrill, Mike Neves <i>U.S. Army Corps of Engineers, Jacksonville District, Jacksonville, FL</i> 2:20 - 2:40pm Evolutions of Regional Sediment Management and Beneficial Use of Dredged Material in the U.S. Army Corps of Engineers, South Atlantic Division, Mobile District Coastal and Regional Sediment Management Engineering Technical Lead Elizabeth Godsey <i>USACE, Mobile District, Mobile, AL, USA</i> 2:40 - 3:00pm Beneficial Use of Dredge Material (BUDM) Web Mapping Tool Deployment in SAD and Advancements in Evaluating Economic and Environmental Benefits of BUDM Mrs. Laurel Reichold ¹ , Mr. Trevor Lancaster ² , Dr. Kelly Legault ¹ ¹ U.S. Army Corps of Engineers, Jacksonville, FL, USA. ² U.S. Army Corps of Engineers, Wilmington, NC, USA 3:00 - 3:20pm Beneficial Use Ecosystem Goods and Services (BUGS) Tool Charles Theiling ¹ , Benjamin Emery ² , Burton Suedel ¹ , Justin Wilkens ¹ ¹ USACE ERDC-EL, Vicksburg, MS, USA. ² USACE ERDC-CHL, Vicksburg, MS, USA	6D - Dredge Design Chair: Travis Merritts 1:40 - 2:00pm Evaluation of Navigation Channel Shoaling Reduction Alternatives for the Florida Inland Navigation District’s Intracoastal Waterway Dredging Efficiencies Program Dr. Michael B. Kabiling <i>Taylor Engineering, Inc., Jacksonville, FL, USA</i> 2:00 - 2:20pm Numerical Modeling of Baptiste Collette Ship Channel, Louisiana, for Navigation Improvements Support Dr. Lihwa Lin ¹ , Dr. Zeki Demirbilek ¹ , Dr. Tzenge-Huey Shih ² , Raymond Newman ² ¹ US Army Corps of Engineers, Vicksburg, Mississippi, USA. ² US Army Corps of Engineers, New Orleans, Louisiana, USA 2:20 - 2:40pm Improving the Accuracy of Navigation Channel Maintenance Forecasts Using Automated Dredge Monitoring Rachel Bain, Kaitlyn McPherran, Michael Hartman, Anna Godfrey, Kenneth Mitchell <i>USACE Engineer Research and Development Center, Vicksburg, MS, USA</i> 2:40 - 3:00pm Enhancement of Beach Nourishment Efficacy in Coastal Management: An Overview and Perspectives Abolfazl Yousefi ¹ , Orenccio Duran Vinent ² , Ram K. Mohan ^{2,3} ¹ Texas A&M University, College Station, TX, USA. ² Texas A&M University, College Station, MS, USA. ³ Anchor QEA, LLC, Rehoboth, MS, USA 3:00 - 3:20pm Pier Wind Development, Port of Long Beach Cesar Larios ¹ , Shelly Anghera ² ¹ Port of Long Beach, Long Beach, CA, USA. ² Moffatt & Nichol, Carlsbad, CA, USA
3:20 - 4:00pm				
4:00 - 5:20pm		7B - Panel: Piloting and Evaluating Engineering with Nature and Beneficial Use Dredged Material at Military Installations and Other Sites in the Southeast Piloting and Evaluating Engineering with Nature and Beneficial Use Dredged Material at Military Installations and Other Sites in the Southeast. National Lead and Program Manager Jeff King ^{1,2,3} , Global Senior Director Hollie Janson-Schmidt ⁴ , Coastal Resilience Director Sam Whittin ⁵ , Senior Research Scientist Soupy Dalyander ⁶ ¹ Engineering With Nature, Washington, DC, USA. ² Engineering Research Development Center, Washington, DC, USA. ³ U.S.Army Corps of Engineers, Washington, DC, USA. ⁴ Jacobs, Tampa, Florida, USA. ⁵ EA Engineering, Science, and Technology, Inc., PBC, Providence, Rhode Island, USA. ⁶ The Water Institute, New Orleans, LA, USA	7C - Panel: Enhancing Organizational & Personal Resilience in the USACE Enhancing Organizational & Personal Resilience in the U.S. Army Corps of Engineers (USACE) Mr Kenneth Goldberg ¹ , Ms Bethany Mcclanahan ² , Mr Steven Brown ³ , Mr Todd Bridges ⁴ , Ms Monica Chasten ¹ , Ms Kathryn Thomas ⁵ ¹ USACE-NAP, Philadelphia, PA, USA. ² USACE-NAN, New York, NY, USA. ³ USACE-NAB, Baltimore, MD, USA. ⁴ USACE-Retired, Athens, GA, USA. ⁵ Anamar Consulting, Hood River, OR, USA	7D - Panel: 100-Years of Inland Waterway Management in Florida Presentation type: Panel Discussion Session Title: 100-years of Inland Waterway Management in Florida Mr. James Marino ¹ , Ms. Janet Zimmerman ² , Mr. Trisston Brown ³ , Mr. Jerry Scarborough ⁴ , Mr. Ian Eyeington ² , Mr. Spencer Crowley ⁵ ¹ Taylor Engineering, Jacksonville, FL, USA. ² Florida Inland Navigation District, Jupiter, FL, USA. ³ USACE-Jacksonville District, Jacksonville, FL, USA. ⁴ Taylor Engineering, Inc., Jacksonville, FL, USA. ⁵ Florida Inland Navigation District, Miami, FL, USA

Thursday June 27, 2024 – Tampa Technical Program – Updated June 16, 2024

	Tampa Bay Ballroom – Salon 7	Tampa Bay Ballroom – Salon 8	Tampa Bay Ballroom – Salon 9
8:30 - 9:30am		<p>8 - Panel: Change Makers: A Safety Culture Conversation with Dredging and Marine Construction Executives Chair: Julie Hile</p> <p>Change Makers: A Safety Culture Conversation with Dredging and Marine Construction Executives Julie Hile <i>Hile Group, Normal, IL, USA</i></p>	
9:30 - 10:00am			
10:00am - 12:00pm	<p>9A - Beneficial Reuse Projects Chair: Kwasi Badu-Tweneboah Presentation type: General Session</p> <p>10:00 - 10:20am Calhoun Port Authority Bean Tract Mitigation Wetland Construction and Beneficial Reuse Principal Scientist Ryan Davis <i>Anchor QEA, Saratoga Springs, New York, USA</i></p> <p>10:20 - 10:40am Using navigational dredged material to restore a coastal marsh impacted by past agricultural practice and sea level rise Scott Douglas¹, William Henderson¹, Michael Marano², Margaret McBrien², Tyler Littlefield³, Ginger Kopkash⁴ ¹New Jersey Dept. of Transportation, Trenton, NJ, USA. ²WSP USA, Inc, Lawrenceville, NJ, USA. ³Gahagan and Bryant Associates, Baltimore, MD, USA. ⁴New Jersey Dept. of Env. Protection, Trenton, NJ, USA</p> <p>10:40 - 11:00am Dredged Material Classification Using Unsupervised Machine Learning Clay Caldwell^{1,2}, Magdalena Asborn², Ben Emery² ¹Texas A&M University, College Station, TX, USA. ²U.S. Army Engineer Research and Development Center, Vicksburg, MS, USA</p> <p>11:00 - 11:20am Increasing Beneficial Use Opportunities: Sustainable Contaminated Sediment Reuse Staci Goetz¹, Victor Magar², Sara Copp Franz³, Karen Keil⁴, Jennifer Miller⁴, David Moore⁴, Burton Suedel⁴, Lara Alvarez⁵ ¹Ramboll, Milwaukee, WI, USA. ²Ramboll, Chicago, IL, USA. ³Ramboll, Denver, CO, USA. ⁴USACE ERDC, Vicksburg, MS, USA. ⁵Ramboll, London, ENG, United Kingdom</p>	<p>9B - Safety Plenary Chair: Julie Hile Presentation type: General Session</p> <p>10:00 - 11:00am Safety Statistics Providing Insights into Best Management Practices Production Manager Connor Tennant, EHS Director Forrest Ray, VP, Chief Engineer of Dredging Mike Warwick, Production Engineer Joseph Hannon <i>Manson Construction Co., Jacksonville, FL, USA</i></p> <p>10:20 - 11:40am Auditing, Safety-Based Observations and More Proactive Methods for Improving Safety Culture and Outcomes Mr. Michael Cerda <i>J.F. Brennan Company, Inc. (Brennan), La Crosse, WI, USA</i></p> <p>11:00 - 11:20am Diver-Assisted Dredging and Capping on the Infamous Cuyahoga River Mr. David Schlenker <i>J.F. Brennan Company, Inc., La Crosse, WI, USA</i></p>	