

Tuesday June 25, 2024 – Tampa Technical Program

	Room XXX	Room XXX	Room XXX	2nd Floor Ball Room
10:00 - 11:50am				<p>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>Environmental Dredging & Capping Chair: Jason Raimondi</p> <p>1:40 - 2:00pm Multi-Layer Amended Cap Installed in Lake George Canal Middle Section Restoration Project Mr. Sam Crawford J.F. Brennan Company, Inc., La Crosse, WI, USA</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 J.F. Brennan Company, Inc., La Crosse, WI, USA</p> <p>2:20 - 2:40pm Leveling the Bidding Field with Treatability Testing Mr. Connor McNeely J.F. Brennan Company, Inc. (Brennan), Rockford, MI, USA</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>Advances in Construction Methodologies Chair: Kristen Ewert</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 Geosyntec, Inc., West Palm, FL, USA</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 Anchor QEA, Horsham, Pennsylvania, USA</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 J.F. Brennan Company, Inc., Rockford, MI, USA</p> <p>3:00 - 3:20pm Effect of the Impeller Clearance Gap on Slurry Pump Performance and Production Robert Visintainer, George McCall, Travis Basinger GIW Industries, Inc., Grovetown, GA, USA</p>	<p>EWN/BU CASE STUDIES Chair: Burton Suedel</p> <p>1:40 - 2:00pm Results of a Workshop Series to Develop Innovative Technologies and Construction Practices for the Beneficial Use of Dredged Material (BUDM) Mr. Zachary Tyler¹, Mrs. Susan Bailey¹, Dr. Paul Schroeder¹, Dr. Peter Tereszkiewicz¹, 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 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 of 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>2:20 - 2:40pm 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 of 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>2:40 - 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 Jung¹ 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>
3:20 - 4:00pm				
4:00 - 5:20pm	<p>Panel Discussion: Sustainable Urban Climate Adaptation: Revitalizing Waterfronts with Large-Scale Nature-Based Solutions, a Conversation About Enablers and Global Best Practices</p> <p>Mr. Edgar Westerhof Arcadis, New York City, New York, USA. Pratt Institute, New York City, New York, USA. ASCE COS, Reston, VA, USA</p>		<p>Panel Discussion: Environmental Sediment (Muck) Dredging and Treatment of Interstitial Water</p> <p>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>	<p>EWN/DREDGE TECHNOLOGY RESEARCH Chair: Amanda Tritinger</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 ERDC, Vicksburg, Mississippi, USA</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 Farrar⁶, 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 Youseff¹, 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>

Wednesday June 26, 2024 – Tampa Technical Program

	Room XXX	Room XXX	Room XXX	2nd Floor Ball Room
8:00 - 10:00am				Enironmental Plenary Chair: Steve Garbaciak
10:00am - 12:00pm	<p>Beneficial Use Program Development Chair: Mark Gravelding</p> <p>10:00 - 10:20am Public / Private Partnership for Programmatic BUDM Implementation at the J.D. Murphree Wildlife Management Area - Texas Project Leader Michael Rezsutek¹, Natural Resource Specialist Andrew Peters¹, Director of Conservation Programs Todd Merendino² ¹Texas Parks and Wildlife Department, Port Arthur, TX, USA. ²Ducks Unlimited, Richmond, VA, USA</p> <p>10:20 - 10:40am An Integrated Experimental and Theoretical Exploration for Sustainable Marsh Creation at the Louisiana Coast Omar Shahrear Apu, Dr. Jay Wang Louisiana Tech University, Ruston, LA, USA</p> <p>10:40 - 11:00am Dredging and dredged material management in New Jersey: a journey of three decades from disposal to beneficial use Scott Douglas¹, Genevieve Clifton¹, Michael Marano², Sean Flanigan³, Anthony DePasquale⁴, James Lodge⁵, James Heeren⁶ ¹New Jersey Dept. of Transportation, Trenton, NJ, USA. ²WSP USA, Inc, Lawrenceville, NJ, USA. ³Gahagan and Bryant Associates, Baltimore, MD, USA. ⁴ST Hudson Engineers, Cherry Hill, NJ, USA. ⁵Hudson River Foundation, New York, NY, USA. ⁶Dewberry Engineers, Inc, Parsippany, NJ, USA</p> <p>11:00 - 11:20am Texas-sized Planning Effort for Beneficial Use of Dredged Material PE Ian Fisher Anchor QEA, Corpus Christi, Texas, USA</p> <p>11:20 - 11:40am Advancing Dredging and Beneficial Use Practices Through the Seven Mile Island Innovation Laboratory Ms. Monica Chasten¹, Dr. Lenore Tedesco², Dr. David Perkey³ ¹US Army Corps of Engineers, Philadelphia, PA, USA. ²The Wetlands Institute, Stone Harbor, NJ, USA. ³US Army Corps of Engineers, Vicksburg, MS, USA</p> <p>11:40am - 12:00pm Moving Beneficial Use of Dredged Material Forward in Alabama George Ramseur, Peyton Posey, Kevin Hanegan Moffatt & Nichol, Mobile, AL</p>	<p>Panel: Tampa Bay Dredge Management Program Chair: Jenna Philips</p>	<p>Innovation in Equipment Chair: Connor Tennant</p> <p>10:00 - 10:20am Environmentally Acceptable Lubricant (EAL) Technology providing a Positive Impact to Sustainable Asset Lubrication Reliability Engineering Maintenance Engineering Manager Roger Collard^{1,2}, Sr. Sales Manager Glenn Kalber^{3,1} ¹Royal Purple BioMax, Porter, Texas, USA. ²Calumet Specialty Products, Indianapolis, Indiana, USA. ³Calumet Performance Brands, Indianapolis, Indiana, USA</p> <p>10:20 - 10:40am A New Generation of Tomography-Based Non-Nuclear Density Meter Dr. Hsin-Yu Wei¹, Dr. John Alamina¹, Mr. Daniel McCormack², Dr. Hanyang Xu¹, Mr. Ken Primrose¹ ¹Process Flow Intelligence Ltd, Manchester, Manchester, United Kingdom. ²Industrial Tomography Systems Ltd, Manchester, Manchester, United Kingdom</p> <p>10:40 - 11:00am Improving Turbidity Monitoring Using an Autonomous Underwater Vehicle Near Dredging in Coastal Louisiana Justin Wilkens¹, Alyssa Eck¹, Andrew McQueen¹, Shea Hammond¹, Jeffrey Corbino² ¹US Army Engineer Research and Development Center, Vicksburg, MS, USA. ²US Army Corps of Engineers, New Orleans, LA, USA</p> <p>11:00 - 11:20am Real-Time Measurements for Enhanced Turbidity Monitoring Mr. Brock Houston¹, Mr. Andrew Luessenhop², Mr. Tyler Hintz¹ ¹In-Situ Inc., Fort Collins, CO, USA. ²In-Situ Inc, Chicago, IL, USA</p> <p>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 Fontes¹, Mr Mathias Schlosser², Dr Lígia Maria Simon Falleiros Fontes³ ¹GeoTag Batimetria Ltda, Santos, São Paulo, Brazil. ²WARNOW C CONSULTORIA E SERVICOS LTDA, São José do Ribamar, São Luis do Maranhão, Brazil. ³Policlínica Veterinária Lígia Falleiros, Buritama, São Paulo, Brazil</p> <p>11:40am - 12:00pm Multibeam Imaging Sonar for Reliability Assessment of Bubble Curtains Dr. Jessica Daignault¹, Colin Smith¹, Scott Milne² ¹Kongsberg Discovery, Port Coquitlam, Vancouver, Canada. ²Milne Technologies, Keene, Ontario, Canada</p>	<p>Environmental Chair: Teal Dreher</p> <p>10:00 - 10:20am Pinellas County’s Future Flood Risk Modelling Community Resilience Strategist Hank Hodde, Water Resources Engineer Amanda Berens Jacobs, Tampa, FL, USA</p> <p>10:20 - 10:40am From Disposal to Beneficial Placement: Reviewing the Key Factors in Open Water Dredged Sediment Placement’s Influence on Fish Habitat Andrew McQueen¹, Brett Hayhurst², Scott Pickard³, Justin Wilkens¹, Karen Keil⁴ ¹USACE ERDC, Vicksburg, MS, USA. ²USACE ERDC, Vicksburg, ms, USA. ³USACE Buffalo District, Buffalo, NY, USA. ⁴USACE ERDC, Buffalo, NY, USA</p> <p>10:40 - 11:00am Gopher Tortoise Remediation and Burrow Repair in a DMMA – Lessons Learned Terence Cake Taylor Engineering, Jacksonville, FL, USA</p> <p>11:00 - 11:20am Establishing Mitigation Banks to Compensate for Unavoidable Seagrass Impacts at Ports Coastal Group Lead Sandra (Sandy) Walters¹, Chief Strategy Officer Don Seaborn² ¹Resource Environmental Solutions (RES), Fort Myers, FL, USA. ²Resource Environmental Solutions (RES), Warrenton, Virginia, USA</p> <p>11:20 - 11:40am Building Resilient Rivers: A Sustainable Approach to Sediment Management in Impounded Waters. Lara Gehrmann, Thomas Gross Hülskens Sediments GmbH, Wesel, NW, Germany</p> <p>11:40am - 12:00pm Winning ENV Paper Award</p>
12:00 - 1:40pm				
1:40 - 3:20pm	<p>Environmental Dredging Practices Chair: Rebecca Gardner</p> <p>1:40 - 2:00pm Repairing the Nearly 100-Year Old Chicago Harbor Lock Demands Innovative Solutions Mr. Wyatt Eaton J.F. Brennan Company, Inc., La Crosse, WI, USA</p> <p>2:00 - 2:20pm Improving Resiliency of Remedial Post-Dredging Capping or Backfill – Material Properties that Improve Stability and Performance COO John Collins, President John Hull, V.P. Moses Ajemigbitse, Ph.D. AquaBlok, Swanton, Ohio, USA</p> <p>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 Raimondi¹, Senior Engineer Dogus Meric², Senior Engineer Mustafa Saadi³, Senior Principal Jim Langenbach⁴, City Manager Wayne Carragino⁵ ¹Geosyntec Consultants, Pennington, NJ, USA. ²Geosyntec Consultants, Oak Brook, IL, USA. ³Geosyntec Consultants, Kennesaw, GA, USA. ⁴Geosyntec Consultants, Tittusville, FL, USA. ⁵City of Cocoa Beach, Cocoa Beach, FL, USA</p> <p>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 Brevard County Natural Resources Management Department, Viera, FL, USA</p> <p>3:00 - 3:20pm Remedial Dredging of Sediments at a Former Creosote Log-Dipping Site in Northern Idaho Megan Schettler¹, Lauren Quig², Shannon Dunn¹, Jennifer Franz³, Mark Gravelding⁴, Paul Hegele⁵, Chris Kalinowski⁶, Jonah Munholland⁷ ¹Arcadis, Minneapolis, MN, USA. ²Arcadis, Portland, OR, USA. ³Arcadis, Highlands Ranch, CO, USA. ⁴Arcadis, Syracuse, NY, USA. ⁵Arcadis, Vancouver, BC, Canada. ⁶Arcadis, Raleigh, NC, USA. ⁷Arcadis, San Diego, CA, USA</p>	<p>USACE South Atlantic Division’s RSM and BU Updates Chair: Laurel Reichold</p> <p>1:40 - 2:00pm BUDM Island Restoration Recent Examples in SAD’s Savannah District Jared Lopes, Alexander Gregory USACE, Savannah, Georgia, USA</p> <p>2:00 - 2:20pm Achieving 70% BUDM as part of the Tampa Harbor Navigation Improvement Study (3x3x3): Creating Win-Win Situations Aubree Hershonor, Bryan Merrill, Mike Neves U.S. Army Corps of Engineers, Jacksonville District, Jacksonville, FL</p> <p>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 USACE, Mobile District, Mobile, AL, USA</p> <p>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 Reichold¹, Mr. Trevor Lancaster², Dr. Kelly Legault¹ ¹U.S. Army Corps of Engineers, Jacksonville, FL, USA. ²U.S. Army Corps of Engineers, Wilmington, NC, USA</p> <p>3:00 - 3:20pm Beneficial Use Comprehensive Benefits Tool (BUCBT) Charles Theiling¹, Benjamin Emery², Burton Suedel¹, Justin Wilkens¹ ¹USACE ERDC-EL, Vicksburg, MS, USA. ²USACE ERDC-CHL, Vicksburg, MS, USA</p>	<p>Dredge Design Chair: Travis Merritts</p> <p>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. Kabling Taylor Engineering, Inc., Jacksonville, FL, USA</p> <p>2:00 - 2:20pm Numerical Modeling of Baptiste Collette Ship Channel, Louisiana, for Navigation Improvements Support Dr Lihwa Lin¹, Dr Zeki Demirebilek¹, Dr Tzenge-Huey Shih² ¹US Army Corps of Engineers, Vicksburg, Mississippi, USA. ²US Army Corps of Engineers, New Orleans, Louisiana, USA</p> <p>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 USACE Engineer Research and Development Center, Vicksburg, MS, USA</p> <p>2:40 - 3:00pm Enhancement of Beach Nourishment Efficacy in Coastal Management: An Overview and Perspectives abolfazl yousefi¹, Orencio Duran Vinent², Ram K. Mohan^{2,3} ¹Texas A&M University, College Station, TX, USA. ²Texas A&M University, College Station, MS, USA. ³Anchor QEA, LLC, Rehoboth, MS, USA</p> <p>3:00 - 3:20pm Pier Wind Development, Port of Long Beach Shelly Anghera Moffatt & Nichol, Carlsbad, CA, USA</p>	<p>Panel: Environmental Justice</p> <p>Shaping Fair Shores: The Intersection of Dredging and Environmental Justice Michael Cerda¹, Jonathan Seiden², Kathryn Thomas³ ¹J.F. Brennan Company, La Crosse, WI. ²Hile Group, Normal, IL. ³ANAMAR Environmental Consulting, Hood River, OR</p>
3:20 - 4:00pm				
4:00 - 5:20pm	<p>Panel: Piloting and Evaluating Engineering with Nature and Beneficial Use Dredged Material at Military Installations and Other Sites in the Southeast</p> <p>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-Schmidt⁴, Coastal Resilience Director Sam Whiting⁵, Senior Research Scientist Soupy Dalyander⁶ ¹Engineering With Nature, Washington, DC, USA. ²Engineering Research Development Center, Washington, DC, USA. ³U.S.Army Corps of Engineers, Washington, DC, USA. ⁴Jacobs, Tampa, Florida, USA. ⁵EA Engineering, Science, and Technology, Inc., PBC, Providence, Rhode Island, USA. ⁶The Water Institute, New Orleans, LA, USA</p>	<p>Panel: Enhancing Organizational & Personal Resilience in the USACE</p> <p>Enhancing Organizational & Personal Resilience in the U.S. Army Corps of Engineers (USACE) Mr Kenneth Goldberg¹, Ms Bethany Mcclanahan², Mr Steven Brown³, Mr Todd Bridges⁴, Ms Monica Chasten¹, Ms Kathryn Thomas⁵ ¹USACE-NAP, Philadelphia, PA, USA. ²USACE-NAN, New York, NY, USA. ³USACE-NAB, Baltimore, MD, USA. ⁴USACE-Retired, Athens, GA, USA. ⁵Anamar Consulting, Hood River, OR, USA</p>	<p>Panel: 100-Years of Inland Waterway Management in Florida Presentation type: Panel Discussion</p> <p>Session Title: 100-years of Inland Waterway Management in Florida Mr. James Marino¹, Ms. Janet Zimmerman², Mr Trisston Brown³, Mr. Jerry Scarborough⁴, Mr. Ian Eyeington², Mr. Spencer Crowley⁵ ¹Taylor Engineering, Jacksonville, FL, USA. ²Florida Inland Navigation District, Jupiter, FL, USA. ³USACE-Jacksonville District, Jacksonville, FL, USA. ⁴Taylor Engineering, Inc., Jacksonville, FL, USA. ⁵Florida Inland Navigation District, Miami, FL, USA</p>	

Friday June 27, 2024 – Tampa Technical Program

	Room XXX	Room XXX	Room XXX
8:30 - 9:30am		<p>Safety Plenary Chair: Julie Hile</p> <p>Change Makers: A Safety Culture Conversation with Dredging and Marine Construction Executives Julie Hile Hile Group, Normal, IL, USA</p>	
9:30 - 10:00am			
10:00am - 12:00pm	<p>Beneficial Reuse Projects Chair: Kwasi Badu-Tweneboah</p> <p>10:00 - 10:20am Cathoun Port Authority Bean Tract Mitigation Wetland Construction and Beneficial Reuse Principal Scientist Ryan Davis Anchor QEA, Saratoga Springs, New York, USA</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, TX, USA. ²U.S. Army Engineer Research and Development Center, Vicksburg, MS, 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>Contractor's Session Chair: Julie Hile</p> <p>10:00 - 10:20am 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 Manson Construction Co., Jacksonville, FL, USA</p> <p>10:20 - 10:40am Auditing, Safety-Based Observations and More Proactive Methods for Improving Safety Culture and Outcomes Mr. Michael Cerda J.F. Brennan Company, Inc. (Brennan), La Crosse, WI, USA</p> <p>10:40 - 11:00am Effect of the Impeller Clearance Gap on Slurry Pump Performance and Production Robert Visintainer, George McCall, Travis Basinger GIW Industries, Inc., Grovetown, GA, USA</p> <p>11:00 - 11:20am Diver-Assisted Dredging and Capping on the Infamous Cuyahoga River Mr. David Schlenker J.F. Brennan Company, Inc., La Crosse, WI, USA</p>	