

List of Accepted Abstracts

WEDA Summit & Expo '18

Abst. ID	Primary Author	Company	Title
62	Jacob F. Berkowitz	USACE - ERDC	<i>Potential Color Change Dynamics of Beneficial Use Sediments</i>
38	Paul Berman	ANAMAR Environmental Consulting, Inc.	<i>Refinements in STFATE Modeling Allowing for Greater Dredge Volume Per Load</i>
14	Norman Bourque	Jay Cashman, Inc	<i>Scow Geofence System (SGS) and its Application in Dredged Material Disposal</i>
30	David O'Brien	SurvTech Solutions, Inc.	<i>Constructing a cost-effective Unmanned Surface Vessel for use in volumetric calculation.</i>
32	Terence Cake	ANAMAR Environmental Consulting, Inc.	<i>Evaluation of Proposed Dredge Operations in Caño Martin Peña for Flood Control and Environmental Restoration.</i>
3	Hong Chen	Department of Eco-Environmental Protection and Improvement for Bohai Sea, China	<i>Ocean dumping management and practices in China</i>
34	John Collins	AquaBlok, Ltd.	<i>Joint Expeditionary Base (JEB) Little Creek – Application of Active Materials as a Component of Contaminated Sediment Remediation</i>
43	Amine Dahmani	SESI CONSULTING ENGINEERS	<i>Sand Cap Stabilization and Sediment Resuspension Mitigation Optimization Using Innovative Protein Polysaccharide Biopolymers (PPBs)</i>
61	Amine Dahmani	SESI CONSULTING ENGINEERS	<i>Protein Polysaccharide Biopolymers (PPBs) Technology Evaluation for Renourished Beach Erosion Control</i>
23	Margaret Davis	Hile Group	<i>Navigating the Future of Dredging Safety, One Project Launch Meeting at a Time</i>
54	Scott Douglas	NJ Department of Transportation	<i>Dredging the Manasquan River Complex – Creating Capacity, Beneficial Re-Use through Beach Nourishment and Enhancing the Greater Good of the Manasquan Inlet Area</i>
22	Lauren M. Dunkin	USACE - ERDC	<i>Improved Channel Evaluation using Automatic Identification System and Hydrographic Survey Data</i>
55	Jessica Fears	Geosyntec	<i>Assessment of Sediment Treatment and Beneficial Use during Gowanus Canal Pilot Study</i>
37	Richard Fenney	Tetra Tech, Inc.	<i>Update on the Fox River Remediation Project, Green Bay, WI</i>
10	Joseph Gailani	USACE - ERDC	<i>Risk Characterization from Sediment Released During Dredging Operations</i>
44	Stephen Garbaciak	Foth Infrastructure & Environment LLC	<i>Application of Alum to Improve Post-Dredging Water Quality at the Ashland/NSP Superfund Site Pilot Project</i>
56	Jeremy Gasser	Geosyntec	<i>Development of Phased Dredging and Slotted Excavation for Gowanus Canal Pilot Study</i>
25	Brian Halm	Streamside	<i>The Sand Wand™: Sized-to-Fit Dredging Equipment for Shallow Water Areas</i>
36	George L. Hicks	CH2M	<i>The Future of Remediation at Contaminated Sediment Sites – Update on How Dredge Companies are Evolving to Meet Current Challenges</i>
58	Julie Hile	Hile Group	<i>Fleet Problem Solving by Next-Gen Crews</i>
48	L.W. van Ingen	IHC	<i>The Integrated Forward Looking System on the 2018 Build Trailing Suction Hopper Dredger (TSHD) Arizona</i>
2	Seanbob Kelly	NOAA Fisheries Habitat Division	<i>Essential Fish Habitat Considerations for Dredge Operations: Mitigation Measures and Case Studies from Alaska</i>
28	Nathan Keys	Measutronics	<i>What is the Ideal Dredge Guidance Sensor?</i>
29	Nathan Keys	Measutronics	<i>SONAR "As-Building" for Cutter Suction Dredge in an Aggregate Sand Mine Case Study</i>
52	Tahirih C. Lackey	USACE - ERDC	<i>Hydrodynamic and Sediment Transport Modeling of Placed Material within the Dancing Point –Swann Point section of the James River</i>
21	Nicholas A. LaPointe	Cleveland-Cuyahoga County Port Authority	<i>A New Look on Life: The Value Beneficial Reuse has Created in Cleveland, Ohio</i>
17	Lisa F. Lefkowitz	Battelle Memorial Institute	<i>Use of Polyethylene Device (PED) Passive Samplers at Contaminated Sediment Sites to Support Remedial Planning and Progress Monitoring</i>
19	Luis M. Maristany	Mott MacDonald	<i>La Quinta Terminal Mitigation Project: Large-Scale Dredged Material Beneficial Reuse Facility for Estuarine Habitat Creation in Corpus Christi Bay, TX</i>
4	Jennifer Mathers	DHI	<i>Application of Feedback EMMP Approaches to the Management of Dredging Activities in Sensitive Temperate and Tropical Coastal Environments</i>
31	Kaitlin McCormick	(EA Engineering, Science, and Technology, Inc., PBC	<i>Balancing Future Navigation Channel Maintenance and Remedial Design Goals: Clean Water Act Section 408 Considerations</i>
13	Andrew McQueen	USACE - ERDC	<i>Evaluating Biological Effects of Dredging-Induced Underwater Sounds</i>
5	Sape Miedema	Delft University of Technology	<i>Slurry transport, the concentration distribution, a continuing study</i>
6	Sape Miedema	Delft University of Technology	<i>Slurry transport, fully stratified flow in the sliding flow regime</i>
9	Hans Moritz	USACE	<i>Advanced Monitoring of Dredged Material Placement Sites at the Mouth of the Columbia River</i>
57	Tood Mudge	ASL Environmental	<i>Challenges and Advancements in Sediment Transport Modelling of Dredging for Complex Coastal Conditions</i>
59	Tood Mudge	ASL Environmental	<i>MUD, a new acoustic echosounder for sediment monitoring</i>
39	James Occhialini	Alpha Analytical	<i>Dredged Material Testing - a work flow guide for project managers and testing laboratories</i>
60	Paul Olander	J. F. Brennan	<i>Managing Multiple Waste Streams at Superfund Alternative Site</i>
53	Tim Olean	OBG	<i>In-Situ Solidification/Stabilization of Sediments State of the Practice</i>
64	Karen Olsen	Anchor QEA	<i>Baltimore Harbor Confined Aquatic Disposal (CAD) Pilot Project</i>
45	Jan Peters	IMOTEC BV	<i>Recreating dredging automation to increase productivity of dredgers: turning dredgers into intelligent machines</i>
15	Dr Jack Poleykett	Partrac Ltd	<i>The application of an active sediment tracing technique to assess the efficacy of nearshore placement of dredged material for beach nourishment purposes</i>
66	Kim Powell	Anchor QEA	<i>Cedar Creek Site: Operable Unit 2A: Lessons Learned During Implementation of an Environmental Dredging Project Located Within a Historic Town</i>
18	Isaac Ramirez	Port of Veracruz, Mexico	<i>Environmental Monitoring and Management During the Construction Dredging for the First Stage of New Port of Veracruz, Mexico</i>
33	Denis Roznowski	Foth Infrastructure & Environment LLC	<i>Quality Assurance, Quality Control and Long-term Performance Monitoring of Engineered Capping Systems Placed Over Environmentally Impacted Sediments</i>
69	John Sawyer	Arc Surveying & Mapping	<i>Geophysical 4D modelling for geological site investigations</i>
49	Jason C. Seitz	ANAMAR Environmental Consulting, Inc.	<i>Spatial Interpolation as a Tool to Assess the Effects of Ocean Disposal on Economically Important Species: Tilefish Habitat at Miami ODMDS as a Case Study</i>
42	Kristina V Simankova	Manson Construction Co.	<i>Mile Point Training Wall Reconfiguration</i>
40	Thomas Simnick	Weeks Marine, Inc.	<i>Weeks Marine, Inc. introduces new hopper dredger to U.S. market.</i>
63	S. Jarrell Smith	USACE - ERDC	<i>Sediment Sorting by Hopper Dredging and Pump-out Operations</i>
26	Stefan Steinmetz	EIVA	<i>Environmental Dredging with High Precision and Accuracy</i>
1	Tom Stephens	Tencate GeoTube	<i>Beach Development And Protection of Resort Coastline Using Geotextile Tubes</i>
41	Hans W. Van Sumeren	Great Lakes Water Studies Institute	<i>Meeting the Challenges of Tomorrow's Marine Industry – The Bachelors of Science in Marine Technology at Northwestern Michigan College</i>
35	Connor Tennant	Manson Construction Co.	<i>The Gravity of Fall Protections Use of Available Data</i>
11	Wesley Thomas	ARCADIS	<i>Remedial Dredging Implementation and Challenges at a Former Wood Treatment Facility</i>
24	Chris Timpson	Tencate	<i>Shark River Estuary History From the 18th to 21st Century And How Dredging Has Played a Vital Role for Ecosystem and Community Sustainability</i>
47	Ric Traver	Energy & Environment Innovation Foundation, LLC	<i>Rapid Solidification of Dredged Coal Combustion Residuals (CCR) & Wet Ash Wastes</i>
46	Randall Tucker	Streamside	<i>Evolution of an Innovative Dredging Technology for Harvesting Coarse-Grained Sediment; From Riverine to Marine Applications</i>
7	Robert Wagner	Wood plc	<i>Design and Permitting for Lake Apopka Sediment Dredging and Material Placement Projects, St. Johns River Water Management District, Lake & Orange County, Florida</i>
8	Robert Wagner	Wood plc	<i>Save Our Indian River Lagoon Project funded Muck Removal, Brevard County Natural Resources Management Department, Brevard County, Florida</i>
51	Pete Weber	DoC Mapping	<i>Pre-Dredge Utility Locating for the Sabine-Neches Deepening Project</i>

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70	Kent Wei	Industrial Tomography Systems plc	<i>Real time production efficiency based on measurement of flow velocity and flow profile.</i>
16	Jeroen Werkhoven	TU Delft University	<i>Sources of CSD overcutting</i>
20	Kevin Wikar	Hayward Baker, Inc.	<i>Atlantic Wood Superfund Site</i>
12	Justin Wilkens	USACE - ERDC	<i>Estimating Turbidity and Total Suspended Solids near a Dredge Operation using a Weather Balloon-Mounted Camera</i>
50	Mark Winkelman	DAMEN	<i>Novel solutions for minerals and aggregates: iVAMOS! and MAD</i>