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ASBPA Coastal Summit 2019

“Investing in Resilient Coasts”

Tuesday, March 12

8-11:45 a.m.  ASBPA Board of Directors’ Meeting

“ASBPA’s Legacy”
Day Moderator: Brandon Hill

1 p.m.  Conference welcome
■ Brian Caufield, Brandon Hill and Kathleen Riely, Summit co-chairs;
■ Derek Brockbank, ASBPA Executive Director; Kate Gooderham,
    ASBPA Managing Director

1:15-1:55 p.m. Keynote address
■ General Todd Semonite, Chief of Engineers, U.S. Army Corps of
    Engineers

1:55-3:10 p.m. “What’s up with regional planning:
    A moderated discussion on the North Atlantic Coastal
    Comprehensive Study, South Atlantic Coastal Study and
    Great Lakes Coastal Resilience Study”
■ Moderator: Brian Caufield
■ Amy Guise, Chief of Planning, USACE Baltimore District
■ Scudder Mackey, Chief of the Office of Coastal Management, Ohio
    Department of Natural Resources
■ Jacqueline Keiser, USACE South Atlantic Division

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3:10-3:30 p.m. Break
■ Sponsored by Norfolk Dredging Co.

3:30-4:00 p.m. “The budget battle”
■ Jennifer Armstrong, Senate Energy & Water Appropriations Committee staff

4:00-4:40 p.m. “But I want to go to the beach: The controversies around beach access”
■ Matt Gove, Mid-Atlantic Policy Manager, Surfrider Foundation,
■ Patrick Krechowski, Esq., Partner, Jimerson & Cobb
■ Steve Mercer, Owner and Operator, Coastal Transplants

4:40-5:00 p.m. ASBPA’s Science & Technology agenda and Government Affairs agenda
■ Nicole Elko, Ph.D, ASBPA Science Director
■ Derek Brockbank, ASBPA Executive Director

5:00-5:15 p.m. “How to make the ask: Maximizing Hill and advocacy visit time”
■ Tony Pratt, ASBPA President

5:15-5:30 p.m. 2019 National Coastal Conference preview
■ Tim Kana, Ken Willson and Dawn York, conference co-chairs

5:30 p.m. Chill Out Time mixer
■ Sponsored by CDM Smith

— Evening on your own —
Wednesday, March 13  
“Timely Topics”  
Day Moderator: Kathleen Riely

7:45 a.m.  Continental breakfast/break  
■ Sponsored by Manson Construction

8-9 a.m.  “Stories from the shoreline: Best Restored Beaches from the 2018 BRB award winners”  
■ Moderators: Lee Weishar and Kate Gooderham  
■ Galveston Seawall Beach, TX – John Lee  
■ Cardiff Beach, Encinitas, CA – Doug Gibson  
■ Dare County, NC – Bobby Outten  
■ Sag-Bridge Beaches, NY – Kyle Collins  
■ Thompkins Beach, NJ – Capt. Al Modjeski

9-9:30 a.m.  Break  
■ Sponsored by Manson Construction

9:30-10:25 a.m.  “How does NOAA invest in resilient coasts?”  
■ Moderator: Mark Osler – NOAA National Ocean Service  
■ Adrienne Antoine – NOAA Climate Program Office  
■ Dave Kidwell – NOAA National Centers for Coastal Ocean Science  
■ Janine Harris – NOAA Office for Habitat Conservation  
■ Josh Murphy – NOAA Office for Coastal Management

10:25-11:20 a.m.  “How one federal decision (administration’s regulation streamlining effort) is working”  
■ Moderator: Bill Hanson, Great Lakes Dredge & Dock Co.  
■ Tammy Turley, Acting Chief of Regulatory, USACE Headquarters  
■ Alex Herrgott, Executive Director, Federal Permitting Improvement Steering Council  

■ Lora Turner, Marine Minerals Program staff, Bureau of Ocean Energy Management (BOEM)
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Wednesday afternoon:
Advocacy visits (advance reservations required)
Times and meeting places posted at registration desk*

- USACE: Julie Rosati, leader
- FEMA: Brian Caufield, leader
- USFWS: Larry Malizzi and Spencer Wetmore, leaders
- NOAA/NMFS: Ken Willson, leader
- BOEM: Dan Adams, leader

4:30-5:30 p.m. “What’s happening on the Hill:
Hill briefing with Congressional committee staff” – Dirksen Senate Office Building, Room 406
- Moderators: Bradley Watson, Coastal States Organization, and Derek Brockbank, ASBPA
- Transportation & Infrastructure Committee staff
- Environment & Public Works Committee staff
- Senate Commerce Committee staff

5:30-7:30 p.m. “Coastal Celebration on Capitol Hill”
Hart Senate Office Building, Room 902

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Environmental Defense Fund ■ The Nature Conservancy
Restore America’s Estuaries ■ National Estuarine Research Reserve Association

* NOTE: If advocacy visits are not possible, there will be workshop discussion sessions regarding issues, concerns, and experiences held at the Summit venue for these agencies.
Thursday, March 14
“What’s Next: Climate Change”
Day Moderator: Brian Caufield

8 a.m.  Continental breakfast

8-8:30 a.m.  “What we heard from the agencies: A recap”
■ Kathleen Riely & Peter Seidle, ASBPA Government Affairs co-chairs
■ Joan Pope, ASBPA Advocacy Chair

8:30-9 a.m.  “What we heard from the Hill: A recap”
■ Tony Pratt, ASBPA President
■ Derek Brockbank, ASBPA Executive Director

9-9:30 a.m.  Break

9:30-10 a.m.  “What’s going on with federal climate policy”
■ Jeremy Symons, Symons Public Affairs
10-10:30 a.m.  “Expected climate impacts: Science & economics”
- Shana Udvardy, Climate Resilience Analyst, Union of Concerned Scientists

10:30-11 a.m.  “The National Windstorm Impact Reduction program: A case study in communicating climate science”
- Scott Weaver, Ph.D., National Institute of Standards and Technology (NIST)

11-11:30 a.m.  “How one community is dealing with climate change”
- Margarita Wells, Assistant Director of Environment and Sustainability, City of Miami Beach, Florida

11:30 a.m.-noon  “How rating agencies consider climate change in bond ratings”
- Leonard Jones, Managing Director of Public Finance Ratings, Moody’s Investor Service

Noon  Next steps, wrap up and adjourn

1-5 p.m.  Coastal Practitioner® short course: Coastal Resilience
Sponsored by Crowder Gulf
(Separate registration – not included in Summit registration)
- Katherine Chambers, Research Physical Scientist, U.S. Army Corps of Engineers
- Dr. Julie Dean Rosati, Technical Director of Civil Works Research & Development, U.S. Army Corps of Engineers
- Dr. Nicole Elko, ASBPA Science Director
- Spencer Rogers, North Carolina Sea Grant
- Dr. Kate McClure, Maryland Sea Grant Coastal Climate Specialist

Program as of March 7, 2019, subject to change

Proud to support the ASBPA Coastal Summit
2019 Coastal Summit speakers

Daniel F. Adams, P.E., is a Civil Engineer with the City of Virginia Beach Department of Public Works and serves as Program Manager for the city’s Coastal Section Capital Improvement Program. Dan is a lifelong resident of the City of Virginia Beach and earned a Bachelor’s Degree in Civil Engineering from Old Dominion University. He holds a Professional Engineering license with the Commonwealth of Virginia and has over 30 years of experience in construction, project and program management.

Adrienne Antoine is the Program Manager for the Coastal and Ocean Climate Applications (COCA) program, within NOAA’s Oceanic and Atmospheric Research (OAR) Climate Program Office. Adrienne collaborates with other NOAA offices, federal agencies, non-governmental organizations, and state and local governments on climate, coasts, and marine related decision support activities. Prior to program management, she worked as a Program Analyst in the Planning and Programming Division working on strategic planning and the coordination, planning, and development of NOAA’s climate related programs that aim to address the initiatives of the U.S. Global Change Research Program. Adrienne has a Master’s in Environmental Science and Policy from the School of International and Public Affairs at Columbia University and a Bachelor’s in Biology from Oberlin College.

Jennifer Armstrong is a Professional Staff Member for the Subcommittee on Energy and Water Development of the Senate Appropriations Committee. Jen is responsible for the water portfolio which provides more than $8 billion in annual funding for the U.S. Army Corps of Engineers and the Bureau of Reclamation. Prior to her work on the subcommittee, Jen
was with the Corps as a water resources planner, project manager and government affairs liaison specializing in coastal storm damage reduction, ecosystem restoration, and navigation. Jen is a graduate of Old Dominion University, where she earned her Bachelor of Science degree in biology.

**Derek Brockbank, CCP**, is the Executive Director of ASBPA. He has been an organizer and run conservation campaigns around the country and, for the past 15 years, in Washington, DC. His focus has been on climate change adaptation and restoring natural resources, most recently directing a campaign to restore the Mississippi River Delta and Coastal Louisiana through a coalition of conservation organizations including National Wildlife Federation, National Audubon Society and Environmental Defense Fund. He grew up in New York City and the beaches of Long Island, and ran along the Lake Michigan beach while at the University of Chicago, getting a degree in political science and environmental studies.

**Eddy Carter** has over 30 years’ experience in environmental planning, investigation, design and engineering. He has been with G.E.C. Inc. (GEC), an A-E firm based in Baton Rouge, Louisiana, for many of those years. Carter has served as the Vice President of Environmental Sciences and Engineering at GEC for the past 19 years. In this capacity his responsibilities include oversight of environmental engineering and natural resources program areas. Projects prepared for the U.S. Army Corps of Engineers and Louisiana Coastal Protection and Restoration Authority has comprised the majority of this work. He has served as supervisor and project engineer for execution of many of these projects, which involved ecosystem restoration, flood risk reduction, and compliance documentation.

**Brian Caufield, P.E., CFM:** Coastal engineer for CDM Smith working as a technical and project manager for company-wide coastal studies. Caufield has over 10 years’ experience in the technical and permitting aspects of beach nourishment and other coastal projects. Caufield has worked with various stakeholders from federal agencies down to the community and individual homeowners.

**Katherine Chambers** is a research physical scientist at the U.S. Army Corps of Engineers (USACE) Engineer Research and Development Center stationed at USACE Headquarters in Washington, DC. For the past five years, she has been researching the topic of resilient coastal systems including dunes and beaches, communities, and the U.S. navigation system. She co-leads the U.S. Committee on the Marine Transportation System Resilience Integrated Action Team, is involved in several international working groups on the topics of resilience and ecosystem goods and services, and has focused her research on methods to better understand resilience through either qualification or quantification. She received a B.S. in biology from Wittenberg University and an M.Sc. from Purdue University’s Ecological Science and Engineering Program.

**Kyle Collins**, AICP: Collins is the Town of Southampton Planning & Development Administrator, managing the Department of Land Management, consisting of four divisions; Planning, Building/Zoning, & Environment. DLM administers, coordinates, develops and enforces all the Town’s land development and environmental programs, procedures and regulation. He is responsible for administering and enforcing the Town’s Coastal Erosion Hazard Area Law. The DLM also undertakes/implements short/long range planning that guides land development and conservation; promotes/supports business retention and attraction; manages the planning of capital improvements, environmental conservation and related projects/programs. Collins is certified with the American Institute of Certified Planners and is a member of both the American Planning Association and the Congress for The New Urbanism.
Nicole Elko, Ph.D., is President of Elko Coastal Consulting based in Folly Beach, SC. In addition to serving as Science Director for the ASBPA, she is presently one of the three civilian members of the U.S. Army Corps of Engineers’ Coastal Engineering Research Board (CERB). Elko also serves as the Executive Director of the South Carolina Beach Advocates. Dr. Elko has nearly 20 years of experience in coastal science and management. She helps provide science-based guidance to Congress, Federal and State agencies, and local communities on coastal policy issues.

Doug Gibson, a wetlands ecologist, is a champion of conservation in Southern California. He is the Executive Director and Principal Scientist for San Elijo Lagoon Conservancy, a non-profit land trust that inspires a passion for nature, for all. Doug oversees the Conservancy’s nationally recognized science and community conservation programs. He is also guiding to completion the restoration of San Elijo Lagoon, designed with sea level rise in our changing climate. The Best Restored Beach Award, part of this restoration, demonstrated Gibson’s dedication to design efficiencies, fiscal oversight, strategic collaborations, and a style for excellence and trust in long-range vision.

Kate Gooderham, APR, CPRC, is a Managing Director of ASBPA. She has been involved with coastal issues for 35 years. She is president of Gooderham & Associates Inc., a Fort Myers, Florida, consulting firm established in 1986, specializing in public participation, issues management, public information campaigns, grassroots organizing, governmental lobbying and monitoring, coastal permitting and strategic planning. A cum laude graduate of the University of South Dakota majoring in English and history, she was accredited in public relations in 1999 and became a certified public relations counselor in 2008.

Matt Gove is the Mid-Atlantic Policy Manager for the Surfrider Foundation. Gove has worked in coastal management for more than twelve years with organizations such as the National Oceanic and Atmospheric Administration’s National Ocean Service, and New York’s Department of Environmental Conservation. He holds a Masters in Coastal Environmental Management from Duke University. Contact Matt directly at 952-250-4545 or mgove@surfrider.org

Amy Guise became the first female Chief, Planning Division, for the Baltimore District and in the North Atlantic Division, U.S. Army Corps of Engineers, in 2012. She leads a team of interdisciplinary professionals addressing water resources issues and policies in the Potomac and Susquehanna River Basins, the Chesapeake Bay, and the Atlantic Coast of Maryland. She is the Alternate Federal Commissioner to the Susquehanna River Basin Commission and the Interstate Commission on the Potomac River Basin. Partners and customers range from Department of Defense installations and other Federal agencies to states, non-governmental organizations and private entities.

Bill Hanson: V.P. Great Lakes Dredge & Dock Company. He holds a BS in Ocean Engineering from Texas A&M University, and currently serves on the TAMU Board of Industry Advisors and the TEES Board. He serves on the USACE Coastal Engineering Research Board and is Vice Chair of the NOAA Hydrographic Services Review Panel. As an ACOPNE Diplomate of Navigation Engineering he also serves on the COPRI Board of Governors; Federal Advisory Panels – DOC International Trade Advisory Committee; DOC Supply Chain Management.

Janine Harris is a Marine Habitat Resources Specialist within the NOAA National Marine Fisheries Service (NMFS) Office of Habitat Conservation Restoration Center. Janine supports the natural infrastructure and resilience planning initiatives within the NMFS. She works alongside other federal agencies and non-governmental organizations, such as
Restore America’s Estuaries, to further the inclusion of the carbon sequestration and storage benefits in coastal habitats into wetland conservation efforts. Janine holds a Master's in Sustainable Development and Conservation Biology from the University of Maryland Bachelor's in Natural Sciences from Cornell University.

**Alex Hergott** was appointed by the President as the Executive Director of the Federal Permitting Improvement Steering Council (FPISC or the Permitting Council) on Sept. 21, 2018. Herrgott had been serving as the Associate Director for Infrastructure for the Council on Environmental Quality (CEQ) at the White House previously. Prior to his service with CEQ, Herrgott worked for Sen. James Inhofe of Oklahoma as Senior Staff from 2004-2011 at the Environment and Public Works Committee. In this role he served as primary staff for transportation and water issues and helped to pass the 2005 and 2012 Surface Transportation Authorizations (SAFETEA-LU, MAP-21) and the Water Resource Development Act of 2007.

**Brandon N. Hill** is Shoreline Director for the City of South Padre Island, Texas. He utilizes a holistic systems approach to manage the valuable resources found in Cameron County. Hill has accomplished GLO Open Beaches Act parking compliance, built over a million dollars of beach access infrastructure, helped craft the South Padre Island Comprehensive Plan and Shoreline Master Plan and enhanced the City’s erosion response through the creation of a five-year nourishment plan built upon particle tracing studies. Hill holds a Masters of Marine Resource Management from Texas A&M University at Galveston and previously worked as a NASA funded scholar forecasting macro-algae inundations for communities throughout the Gulf of Mexico and Caribbean.

**Leonard Jones** is a Managing Director in Moody's Public Finance Group and is co-manager of local government ratings in the U.S. He is responsible for managing the New York, Boston and San Francisco based local governments ratings teams. Jones also leads Moody’s PFG efforts in focusing on cybersecurity and environmental issues as well as charter school ratings. Prior to joining Moody’s, Jones was a Partner at Rice Financial Products Company. Jones holds an MBA from the Stanford University Graduate School of Business and an AB in Economics from Dartmouth College.

**Tim Kana, Ph.D.** is the Founder and president of Coastal Science & Engineering (Columbia SC), Kana has 30 years’ experience in coastal erosion assessments and has written over 250 reports and publications relating to coastal processes, sediment budgets, beach nourishment, impacts of sea-level rise and tidal inlet sediment dynamics. Dr. Kana has served as project director on more than 25 beach nourishment projects in the Carolina’s and New York, and is the 2015 recipient of ASBPA’s Morrough P. O’Brien Award.

**Jacqueline Keiser**, PG, PMP, is the Supplemental Program Manager for the Jacksonville District overseeing the execution of over $3.5 billion in bipartisan budget act funds and also the Director of the Regional Center of Expertise for Regional Sediment Management. Jackie obtained her B.S. degree in Geology from Juniata College and her Master’s degree in Coastal Geology at the University of South Florida. Keiser has been with USACE for 20 years and worked in the Engineering Divisions of both the Jacksonville and Philadelphia Districts before moving to Coastal and Navigation Project Management in Jacksonville, where she has worked for the last 16 years.

**David Kidwell** is the Director of the Competitive Research Program and former Manager of the Ecological Effects of Seal Level Rise (EESLR) program within NOAA’s National Ocean Service (NOS) National Centers for Coastal Ocean Science (NCCOS). The EESLR program pro-
vides a suite of science products to inform coastal managers of local coastal vulnerability and solutions to mitigate flood risk. Prior to joining NOAA, he worked as a research assistant at USGS, focusing on offshore foraging ecology of waterfowl. Kidwell has a Master’s in Marine, Estuarine, and Environmental Science from the University of Maryland and a Bachelor’s in Biology from the University of Maryland, Baltimore County (UMBC).

Patrick W. Krechowski, is a partner with Jimerson & Cobb, a full-service Jacksonville, Florida, law firm. Patrick is head of the firm’s Commercial Real Estate, Environmental and Land Use Law, and Government Affairs Practice Groups. Patrick also serves concurrently as City Attorney for the City of Neptune Beach, Florida. Patrick has over 20 years of experience in governmental, environmental, land use, real estate, appeals and title insurance law. He is Board Certified in city, county & local government Law by the Florida Bar and is a former Asst. General Counsel for the Florida Offices of the Attorney General and the Department of Environmental Protection as well as the St Johns River Water Management District.

John Lee Jr. is the Founder & Managing Director of Coastal Strategies Group, following a 33-year career with Galveston County. Coastal Strategies is a boutique consulting company located in High Island, Texas, specializing in aiding local governments and businesses along the upper Texas coast. Lee previously served on the ASBPA Executive Committee, Membership Committee and the Board of Directors. In Texas, Lee is Vice-President of the Texas Chapter of ASBPA, and Secretary of the Galveston County Beach Erosion Task Force. He has been involved in the protection of coastal resources for almost 40 years. Married to Tina, and a new 2x grandpa.

Scudder D. Mackey, Ph.D., is the Chief of the Office of Coastal Management for the Ohio Department of Natural resources with offices located in Sandusky, Ohio. He holds a Doctorate in Geology from the State University of New York at Binghamton. Prior to joining the Ohio Department of Natural Resources, Dr. Mackey was an independent environmental consultant providing professional services to clients across Great Lakes region and southern Canada. Dr. Mackey served as Supervisor for the Lake Erie Geology Group for the Ohio Department of Natural Resources and worked for the Great Lakes Governors as Project Implementation Manager with the Great Lakes Protection Fund.

Steve Mercer is the owner of Coastal Transplants which is a company specializing in dune plants, sand fence and dune systems management. Mercer has been working in the dune plant industry for 20 years. Mercer’s expertise is in dune systems integration for building and maintaining strong, healthy eco-systems. Coastal Transplants is active in all states throughout the east and Gulf coast with sales and/or installation of approximately 500,000 dune plants annually.

Capt. Alek Modjeski is a certified Coastal Ecologist, Fisheries Biologist, and the Habitat Restoration Program Director for the American Littoral Society (Society) with over 26 years of experience in science-based coastal restoration and biological monitoring. He has a B.S in Marine Biology and an M.S. in Environmental Policy and Management with a focus on wildlife and fisheries management. On behalf of the Society, he has managed numerous restoration projects in New Jersey and New York to include restoring over 56.5 acres of beach in Delaware Bay and constructing five intertidal oyster reefs to keep that sand on the beach.

Josh Murphy is a Senior Geospatial Analyst within the NOAA National Ocean Service (NOS) Office of Coastal Management (OCM). He works across federal agencies and non-governmental organizations to enhance the resilience efforts of
our nation’s coastal landscapes, communities, and infrastructure. Josh has 15 years of technical expertise in the application of geographic information systems (GIS) data, tools, and methods. Prior to his current role in NOAA, Josh served as Project Manager for the NOS OCM’s Digital Coastal program; a partnership and web-based platform focused on the application of geospatial information to coastal management issues. He holds a Bachelor’s in Geography from the Pennsylvania State University.

Mark Osler serves NOAA’s National Ocean Service (NOS) as Senior Advisor for Coastal Inundation and Resilience. He works across NOS, and with the broader NOAA community, to provide national level leadership to advance coastal inundation science and enhance the ability of decision-makers to prepare for and respond to changes affecting coastal communities. Prior to joining NOAA in June 2018, Mark worked for 18 years in the private sector, including six years as the national leader for his firm’s coastal science and engineering business line. He holds a Master’s in Coastal Engineering from the University of Delaware’s Center for Applied Coastal Research and a Bachelor’s in Civil Engineering from Lehigh University.

Robert Outten serves Dare County, North Carolina, as both the County Manager and County Attorney in a dual role that provides executive direction for administration of Dare County government and readily available in-hours legal counsel. Prior to joining Dare County, Outten was a successful private-practice attorney specializing in the representation of governmental agencies, including the County of Dare. In 2007 he took on the added responsibilities as Assistant County Manager and in 2009 was appointed the County Manager & Attorney by the Dare County Board of Commissioners. He earned a B.S.B.A. from the University of North Carolina, and completed his Juris Doctorate from Wake Forest University.

Joan Pope: In 2012, Pope retired from U.S. Army Engineer Headquarters after a career with the Corps involving a variety of practicing coastal geology and engineering, research, and management positions. At the time of her retirement she oversaw the Corps water resource research and development Program. During her career she directed several major projects including the development of the Coastal Engineering Manual, the National Shore Erosion Demonstration Program, and Regional Sediment Management. Since retiring she has been employed as a consultant with the Corps.

Tony Pratt is the retired Administrator of the Shoreline and Waterway Management Section within the Delaware Department of Natural Resources and Environmental Control where he oversaw programs related to beach nourishment, beach construction regulation, coastal hazards mitigation, waterway management, and flood mitigation. He was a member of the National Research Council Committee on Beach Nourishment and Protection, and the Heinz Center Panel on Risk Vulnerability and the True Costs of Coastal Hazards. He served elected office in Lewes, a coastal town in Delaware, four years of which were as Deputy Mayor. He currently serves on the Advisory Board to the Department of Homeland Security Coastal Resilience Center of Excellence based at UNC, Chapel Hill.

Spencer Rogers is a coastal engineer/geologist with North Carolina Sea Grant since 1978. Special interests include hurricane-resistant construction techniques, shoreline erosion, coastal management and marine construction. He holds adjunct appointments with the Center for Marine Science, University of North Carolina-Wilmington, and the Department of Civil, Construction, and Environmental Engineering, North Carolina State University. Previous employment includes private consulting for the Corp of Engineers and FEMA, and three years with the Florida
Bureau of Beaches and Shores. He has a BS in Engineering from the University of Virginia in 1973 and a MS in Coastal and Oceanographic Engineering from the University of Florida in 1975.

**Kathleen A. Riely:** As Executive Director of North Carolina Beach, Inlet and Waterway Association, Riely represents the Association’s members on the state and local levels advocating for sound environmental policies and ensuring coastal protection. She currently serves on the Advisory Council to the N.C. Coastal Resources Commission which establishes policies for the NC Coastal Management Program. Kathleen holds a bachelor’s degree in chemistry and a Juris Doctor from Quinnipiac University and previously worked at a private law firm specializing in environmental law.

**Julie Dean Rosati, PhD, P.E.,** is Technical Director for Civil Works R&D at the US Army Corps of Engineers, Engineer Research Development Center in the Coastal & Hydraulics Laboratory. In this role, she oversees basic and applied research involving coastal, watershed, navigation, and environmental assessments over short-term storm hazards and long-term evolution. Rosati also serves as a Technical Director for the ASBPA, an Associate Editor of ASCE’s “Waterways” journal, and is a one of the lead representatives for the Corps as part of the multi-organizational U.S. Coastal Research Program. She has BS and MS degrees in Civil Engineering, and Ph.D. in Oceanography, and is a Professional Engineer in Mississippi.

**Peter Seidle, P.E.:** Coastal Engineer for Applied Technology & Management, West Palm Beach, FL. Seidle has worked on numerous coastal projects in the U.S. and Caribbean. He has worked on feasibility studies, project design and permitting, and construction phase services for several projects ranging from beach nourishments to marinas to wetland restorations. His coastal engineering expertise includes shoreline analyses, sediment budget analysis, numerical modeling, wave analyses, etc. He received a MS in Coastal Engineering from University of Florida.

**Lieutenant General Todd T. Semonite,** 54th Chief of Engineers and Commanding General of the U.S. Army Corps of Engineers, assumed position as Chief of Engineers and Commanding General of the U.S. Army Corps of Engineers May 2016. He advises the Secretary of the Army on general, combat and geospatial engineering; construction, real property, public infrastructure and natural resources science and management. He is responsible for nearly 34,000 civilian employees and 750 military personnel who provide project management, construction support and science and engineering expertise in more than 110 countries. Semonite, a native of Bellows Falls, Vermont, is a registered professional engineer in Vermont and Virginia. He graduated from the U.S. Military Academy and was commissioned into the U.S. Army Corps of Engineers in 1979.

**Jeremy Symons** has 20 years’ experience in energy and environmental policy and government affairs. As the Principal of Symons Public Affairs, he works with clients to deliver high-impact, pragmatic solutions to climate change and other threats to public health and the environment. He previously served as Vice President of Political Affairs at Environmental Defense Fund (EDF); Deputy Staff Director for the U.S. Senate Committee on Environment and Public Works; Senior Vice President for Conservation and Education at National Wildlife Federation (NWF) and, early in his career, at the U.S. Environmental Protection Agency. Symons serves on the Advisory Board of Zoetic Global, which brings renewable energy to communities in Africa and has served on the Board of Directors of the BlueGreen Alliance Foundation and as co-chair of the Board of the U.S. Climate Action Network.

**Tammy Turley** is serving as the Acting Chief of the Regulatory Program, U.S. Army Corps of Engineers (Corps), admin-
istering and enforcing the USACE Regulatory Program under the Clean Water Act Section 404 and Rivers and Harbors Act Section 10. Turley leads the development of Regulatory Program regulations, policies and guidance including a diverse number of enterprise and Administration initiatives in close collaboration with other functional program offices and agencies. Turley is permanently the Chief of the Nashville Regulatory Division, which encompasses areas within Tennessee, Kentucky and Alabama.

**Lora Turner** is a physical oceanographer within the Bureau of Ocean Energy Management’s Marine Minerals Program. Turner has over 26 years of experience in maritime operations serving in a variety of roles in the U.S. Navy, including service as a naval oceanographer and meteorologist. Turner earned a master’s degree in Meteorology and Oceanography from the U.S. Naval Postgraduate School and holds a Bachelor’s degree in Physical Geography from University of Arizona. Currently, the focus of her work is leading and developing the Marine Minerals Program data holdings into a geospatial database: The Marine Minerals Information System (MMIS).

**Shana Udvardy** is a climate resilience analyst with the Climate & Energy program at the Union of Concerned Scientists. She conducts research and policy analysis to help inform and build support to increase resilience to climate change impacts. Prior to joining UCS, Udvardy provided consulting services on climate adaptation and flood risk management policy. She was also the climate adaptation policy analyst at the Center for Clean Air Policy, director of flood management policy for American Rivers, and water program manager at the Georgia Conservancy. Udvardy also worked at the Smithsonian Institution’s Monitoring and Assessment of Biodiversity Program and was a Peace Corps volunteer in Nicaragua.

**Bradley Watson** is Coastal States Organization’s Executive Director. Spanning parts or all of four Congresses, Watson worked for the Committee on Transportation and Infrastructure under the late Chairman James L. Oberstar, as a member of the investigations team for the Senate Armed Services Committee under Senator Carl Levin, and as a senior legislative staffer for Congresswoman Eddie Bernice Johnson. Watson is a graduate of Gonzaga College High School in Washington, D.C., Tulane University in New Orleans, LA, and the evening program at the Columbus School of Law at the Catholic University of America.

**Scott J. Weaver, Ph.D.** is Director of the National Windstorm Impact Reduction Program (NWIRP) in the Engineering Laboratory at the National Institute of Standards and Technology (NIST). NWIRP is a federal interagency science-based program focused on achieving major measurable reductions in the losses of life and property from windstorms, by leveraging the latest science and best practices from across the federal government, academia, and the private sector. Dr. Weaver also holds an appointment as Adjunct Associate Professor in the Department of Atmospheric and Oceanic Science at the University of Maryland. His research is focused on the intersection of extreme weather events and climate variability and change.

**Lee Weishar, Ph.D., PWS**, is Vice President for External Communications at ASBPA. He is Senior Scientist with the Woods Hole Group since 1989, and has more than 35 years’ experience in the fields of oceanography, coastal engineering, sediment transport, ecological restoration, environmental impact assessment, and project/program management. Prior to joining the Woods Hole Group, he was employed by the USACE Waterways Experiment Station (now ERDC). Weishar specializes in coastal engineering and wetland/marsh restoration and the integration of biological, ecological, and hydraulic data into wetland restoration designs to ensure
that the design will meet the restoration objectives.

**Margarita Wells, M. ASCE**, is the City of Miami Beach’s Environment & Sustainability Assistant Director, where she leads the city’s habitat management, environmental permitting, and regulatory compliance programs. Wells is also responsible for providing technical support in the development and implementation of the city’s sea level rise adaptation and resiliency planning programs. She holds a Bachelor’s Degree in Marine Affairs and Policy, French Literature, and International Studies, as well as a Master’s Degree in Marine Affairs and Policy from the University of Miami. Wells has served for three years on the Board of Directors and is currently the Chair of the Environmental and Water Resources Institute’s Miami-Dade Chapter.

**Ken Willson** is a client program manager for APTIM. Since 2003, he has assisted coastal clients in Massachusetts, Virginia, North Carolina, Florida and Louisiana on coastal restoration and inlet management projects. His broad knowledge base of coastal geology, engineering, environmental science, policy, and finance has allowed him to assist numerous clients with designing, permitting, and constructing a wide array of beach and inlet management projects. Willson serves as the Program Manager for APTIM on the Dare County northern beaches projects for Duck, Southern Shores, Kitty Hawk, and Kill Devil Hills.

**Dawn York**, a senior environmental scientist for the Wilmington, NC, office of Moffatt and Nichol, serves as the Environmental Project Manager for several large-scale shoreline protection projects on the East Coast, including a 50-Year Master Beach Nourishment Plan for the Town of Oak Island. She has co-authored over 50 federal and state permitting support documents and has conducted monitoring, assessment and restoration of coastal/estuarine/riverine habitats for 18 years. York serves as the Coordinator for the Cape Fear River Partnership, a coalition of federal, state, academic, private and non-profit organizations with the goal of restoring federally-managed anadromous fish populations.
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