



## **2018 NEW JERSEY COASTAL RESILIENCE SUMMIT**

### ***CHARTING A COURSE FOR THE FUTURE***

**October 9-10, 2018**

**Monmouth University**

**Wilson Hall**

**West Long Branch, New Jersey**

#### **Bios**

##### ***In order of appearance***

##### **Tony MacDonald, Director, Monmouth University UCI**

Tony MacDonald is the director of the Urban Coast Institute (UCI) at Monmouth University and was previously the Executive Director of the Coastal States Organization (CSO) from 1998-2005. CSO, based in Washington, DC, represents the interests of the Governors of the United States' 35 coastal states and territories on coastal and ocean policy matters. Prior to joining CSO, Tony was the special counsel and director of Environmental Affairs at the American Association of Port Authorities, where he represented the International Association of Ports and Harbors (IAPH) at the International Maritime Organization on negotiations on the London Convention. Tony has also practiced law with a private firm in Washington, DC, working on environmental and legislative issues, and served as the Washington, DC, environmental legislative representative for the Mayor of the City of New York.

##### **Catherine McCabe, Commissioner, DEP**

Catherine R. McCabe assumed her duties as Commissioner of the New Jersey Department of Environmental Protection in January 2018 after more than 30 years of federal government service in environmental law and science. Most recently, Commissioner McCabe served as U.S. Environmental Protection Agency Deputy Region 2 Administrator. She also served as Acting EPA Administrator and Acting Region 2 Administrator in 2017 and was a long-time member of EPA's Executive Management Council. Commissioner McCabe joined EPA after 22 years with the U.S. Department of Justice, where she managed various sections in environmental and natural resources. Before her federal career, Commissioner McCabe served as an Assistant Attorney General for the State of New York and as an associate with the law firm of Webster and Sheffield in New York City. Commissioner McCabe earned a law degree from Columbia Law School and a bachelor's degree in Environmental Science from Barnard College. She also studied environmental science at Columbia University's Graduate School of Arts and Sciences.

##### **Dr. Bob Kopp, Director, Rutgers University Institute of Earth**

Robert Kopp is Director of the Rutgers Institute of Earth, Ocean, and Atmospheric Sciences and a Professor in the Department of Earth and Planetary Sciences at Rutgers University. He also serves as a director of Rutgers' Coastal Climate Risk & Resilience (C2R2) initiative and of the Climate Impact Lab. Prof. Kopp's research focuses on understanding uncertainty in past and future climate change, with major emphases on sea-level change and on the interactions between physical climate change and the economy. He is a lead author of the Fourth National Climate Assessment and the Intergovernmental Panel on Climate Change's Sixth Assessment Report.



#### **Dr. Jon Miller, Assoc. Research Prof., Stevens Institute of Technology**

Dr. Jon K. Miller is currently a Research Associate Professor in the Department of Civil, Environmental, and Ocean Engineering at Stevens Institute of Technology's Davidson Laboratory. Dr. Miller holds a Bachelor of Engineering in Civil Engineering from Stevens, and a master's and Ph.D. in Coastal Engineering from the University of Florida. While at Florida, Dr. Miller spent a year studying at the University of Queensland in Brisbane, Australia supported by a Fulbright Fellowship. In addition to his academic appointment, Dr. Miller also currently serves as the Director of the New Jersey Coastal Protection Technical Assistance Service and the New Jersey Sea Grant Consortium's Coastal Processes Specialist.

#### **Peter Reinhart, Esq., Monmouth University Kislak Real Estate Institute**

Peter S. Reinhart, Esq. is the Director of the Kislak Real Estate Institute at Monmouth University and the first recipient of the NJAR/Greenbaum/Ferguson Endowed Chair in Real Estate Policy. He is the Chair of New Jersey Future, the Vice-Chair of Hackensack Meridian Health, and a founding board member of NJ Spotlight. He is a graduate of Rutgers Law School and Franklin and Marshall College.

#### **Dean Emeritus Jim Hughes, Bloustein School, Rutgers University**

Dr. Hughes is University Professor and Dean Emeritus of the Edward J. Bloustein School of Planning and Public Policy at Rutgers. He is a nationally-recognized academic expert on demographics and regional economics. He is author or co-author of 34 books/monographs and more than 150 articles, including *New Jersey's Postsuburban Economy* (Rutgers University Press) and *The Atlantic City Gamble* (Harvard University Press). He is currently writing a book on New Jersey's demographics (to be published by the Rutgers University Press). Dr. Hughes is a military veteran who served as an artillery officer in the U.S. Army.

#### **Will Irving, Senior Project Manager, Rutgers University**

Will Irving is a project manager and policy analyst with the Bloustein School. He conducts state economic forecasts for R/ECON Rutgers Economic Advisory Service and manages and conducts research and analysis for a variety of state and private-sector organizations.

#### **Representative Frank Pallone**

Congressman Frank Pallone, Jr. (NJ-06) has represented central New Jersey in Congress since 1988. Throughout his career, Pallone has been a leader in protecting the integrity of the Medicare guarantee and Medicaid programs, making the nation's food system safer, strengthening laws to keep our air and water clean, making health care more affordable and accessible, and supporting initiatives that advance and protect the public health. Pallone is the Ranking Member of the House Energy and Commerce Committee, which has jurisdiction over issues pertaining to energy, environment, health care, commerce, and telecommunications. Frank Pallone, Jr., was born and raised in Long Branch, New Jersey, where he still resides. He is a graduate of Middlebury College, holds a master's degree in international relations from the Fletcher School of Law and Diplomacy at Tufts University and earned his law degree at Rutgers University. Pallone began his political career in his home city of Long Branch, getting elected to the City Council in 1982 and winning re-election four years later. In 1983, he was elected to the state Senate, representing the Monmouth County coastline and was re-elected in 1987. On November 8, 1988, at the age of 37, Pallone was elected to the House of Representatives from New Jersey's former Third District and was re-elected in 1992 to the newly formed Sixth District.



**Kathleen Frangione, Chief Policy Advisor, Office of the Governor**

Kathleen Frangione serves as Chief Policy Advisor to New Jersey Governor Phil Murphy. In this role, she oversees the Governor’s policy agenda, including a focus on energy and climate change. Prior to returning to her home state of New Jersey to join the new administration, Kathleen spent her career focused on federal policy issues in Washington, DC. She served as Senior Policy Advisor to U.S. Senator John Kerry and the U.S. Senate Foreign Relations Committee, leading Congressional efforts to drive economic growth and bolster international relationships through energy, environment, and technology policy. She also managed the energy division of a leading policy advisory firm, supporting clients in achieving climate change and environmental policy goals. Kathleen has an undergraduate degree from Harvard College and a master’s degree in environmental science from Yale University.

**Pete Kasabach, Executive Director, New Jersey Future**

Peter Kasabach is the Executive Director of New Jersey Future, a nonprofit statewide policy organization that advocates for better land-use practices resulting in environmental protection, community redevelopment, center-based growth and transportation choice. Prior to joining NJF, Peter served as the Chief of Policy for the New Jersey Housing and Mortgage Finance Agency and led all planning and real estate programs at the Trenton-based community development organization Isles. Peter lives and works in Trenton and has been actively engaged in the areas of planning, community redevelopment, finance and housing for more than 25 years. He is a licensed New Jersey Professional Planner and holds a B.S. in Economics from the Wharton School of the University of Pennsylvania.

**Jeanne Herb, Associate Director, EAC Group - Bloustein School, Rutgers University**

Jeanne’s work focuses on advancing evidence-based environmental policies and practices at the state, local and regional levels. At Rutgers, Jeanne co-facilitates the New Jersey Climate Alliance, an award-winning network of organizations focused on developing climate change and resilience policies and practices in New Jersey, the New Jersey Planning Healthy Communities Initiative, a university-based collaborative that focuses on promoting “health in all policies” and health equity strategies at the state and community levels, co-leads the Sustainable Raritan River Initiative, a collaborative effort to integrate multidisciplinary science into planning and decision-making within the Raritan River Basin, and serves as a senior member of the Rutgers Coastal Climate Risk and Resilience (C2R2) Program.

**Dr. Marjorie Kaplan, Associate Director, Rutgers Climate Institute**

Marjorie Kaplan's 35+ year career has been at the nexus of environmental science, human and ecological health working in academia, state government and the private sector. As Associate Director of Rutgers Climate Institute, she works with 100 faculty affiliates across Rutgers University in developing research, outreach and education on understanding the climate system and impacts of a changing climate across natural, social and policy sciences. She co-facilitates and conducts research related to the New Jersey Climate Adaptation Alliance, a boundary coalition of practitioners from private, non-profit, government and academic sectors. Dr. Kaplan received her undergraduate degree from Cornell University and masters and doctoral degrees from Columbia University.



**Patty Doerr, Director of Marine and Coastal Programs, The Nature Conservancy**  
Director of Coastal and Marine Programs for The Nature Conservancy in New Jersey, joined the Conservancy in 2010 and oversees coastal restoration and planning projects in order to integrate the use of nature-based solutions into how New Jersey responds to the impacts of climate change. Prior to joining the Conservancy, worked in Washington, DC advocating for a variety of natural resource policy issues. Ms. Doerr holds a Master of Arts in Environmental Resource Policy from The George Washington University and a Bachelor of Science in both Natural Resource Management and Environmental Policies, Institutes, and Behaviors from Rutgers University.

**Dr. Tom Herrington, Assistant Director, Monmouth University UCI**

Dr. Thomas Herrington is the associate director of the Urban Coast Institute at Monmouth University and also serves as the NJ Sea Grant Coastal Community Resilience Specialist. Tom has over 25 years of experience in coastal sustainability and hazard mitigation research. He has authored or coauthored over 100 journal and technical publications in the field of coastal engineering, including the NJ Sea Grant Manual for Coastal Hazard Mitigation, and is a contributing author to Blue Dunes: Climate Change by Design. Dr. Herrington holds a B.E. in Civil Engineering and a MS and Ph. D. in Ocean Engineering from Stevens Institute of Technology.

**Dave Rosenblatt, Assistant Commissioner, DEP**

Dave Rosenblatt has led the NJDEP's Engineering and Construction Program as Administrator and Assistant Commissioner since 2004. Mr. Rosenblatt's team of 45 engineers and environmental specialists design and construct civil works projects with the USACE and local governments for coastal storm damage and flood risk reduction and with HUD for the Rebuild by Design projects in Hoboken and the Meadowlands. The Dam Safety Program and the Sandy Recovery and Environmental and Historic Review Program are in his purview. Mr. Rosenblatt has a Rutgers College of Agriculture and Environmental Science BS (1976) and a College of New Jersey MA in Teaching (1997).

**Chris Benosky, Vice President, AECOM**

Christopher Benosky is a Vice President of AECOM. Mr. Benosky has more than 30 years of experience in flood protection and risk management, coastal engineering, ecosystem restoration design, dam and levee engineering, hydrologic, hydraulic, and hydrodynamic modeling and analyses, stormwater management system design, geotechnical engineering, construction cost estimation, and construction management. He holds a Bachelor of Science and a Master of Science degree in Civil Engineering from the Ohio State University and he is a Licensed Professional Engineer in New York and New Jersey and a nationally Certified Floodplain Manager.

**Niek Veraart, Vice President, Louis Berger**

Niek Veraart is Vice President at Louis Berger, where he directs the firm's environmental, resiliency and Smart Cities services. He received his MSc graduate degree in Engineering with a focus on planning and landscape architecture from Wageningen University in the Netherlands. He led the firm's environmental and infrastructure planning services for the post 9/11 recovery and redevelopment of Lower Manhattan and has been supporting the State of New York, the City of New York and the State of New Jersey with the recovery from Superstorm Sandy through resiliency planning focusing on infrastructure, energy, water resources and community assets.



#### **Randy Solomon, Executive Director, Sustainable Jersey**

Randy Solomon is Executive Director and Co-Founder of Sustainable Jersey and The Sustainability Institute at The College of New Jersey. Prior to this he was the Executive Director of the New Jersey Sustainable State Institute at Rutgers where he worked to expand the capacity of public decision making to address sustainability. Mr. Solomon's policy experience includes positions as a policy advisor on sustainable development for the New Jersey Board of Public Utilities integrating land use and energy policy, director of the States Campaign for the Resource Renewal Institute in San Francisco, and policy director for the non-profit New Jersey Future.

#### **David Kutner, Planning Manager, New Jersey Future**

David Kutner manages New Jersey Future's planning initiatives, with special focus on coastal communities vulnerable to sea-level rise. For the past 5 years David managed New Jersey Future's Local Recovery Planning Manager program, providing assistance to municipalities seeking to rebuild after Hurricane Sandy. His work focuses on encouraging coastal towns to consider flood risk response due to climate change. He is a licensed professional planner with over 30 years of land use and environmental planning experience working as a planning consultant and held positions in local, county, and state planning agencies in New Jersey, Massachusetts, New York, Pennsylvania, and Florida.

#### **Debbie Mans, Deputy Commissioner, DEP**

Debbie Mans joined DEP as Deputy Commissioner on February 14, 2018. Before joining the DEP, Deputy Commissioner Debbie Mans served as Baykeeper and Executive Director for the Matawan-based NY/NJ Baykeeper since April 2008. Prior to joining Baykeeper, she served as Environmental and Energy Policy Advisor to then-Governor Jon S. Corzine, assisting in the development of a State Energy Master Plan charting clean energy plans through 2020. She also served as the Governor's appointment to the State Planning Commission as the Smart Growth Ombudsman. Before working for the Governor, Mans served as Baykeeper's Policy Director from 2002 to 2006, where she developed policies and programs to promote Baykeeper's mission. From 2000 to 2002, Mans worked with the Stony Brook-Millstone Watershed Association as a Policy and Outreach Specialist. In that role, Mans directed activities for a program designed to build New Jersey's community-based watershed organizations. Mans graduated from the University of Michigan and Vermont Law School. She is the former Chair of the New Jersey League of Conservation Voters (NJLCV) and a current member of her Borough Council.

#### **Jessica Jahre, Project Manager, DEP**

Jessica is a licensed and certified planner for the DEP's Office of Coastal Land Use Planning and is the lead for the Coastal Resiliency Plan. Jessica has 10 years of experience in planning, water resources management, and floodplain management. She has worked with both coastal and riverine towns on hazard mitigation planning, resiliency planning, sea level rise, natural resource management, and flood risk management. Prior to DEP she worked for Princeton Hydro, LLC and at the USEPA Office of Research and Development. She holds a master's degree in City and Regional Planning from Rutgers University.



**Ginger Kop’Kash, Assistant Commissioner, DEP**

Ginger Kop’Kash, is an Assistant Commissioner for Land Use Management, at New Jersey Department of Environmental Protection. She has worked for the Department for more than twenty-five years reviewing development applications and their potential impact on environmentally sensitive areas such as wetlands and floodplains. She was a manager for ten years at the Division of Land Use Regulation overseeing the Division’s IT operations and managed the development of Division’s on-line permitting system. She headed the Department’s wetland mitigation unit for 15 years overseeing the development of the State’s wetland mitigation program. In the last four years she has been overseeing the transformation of the Department’s land use regulations specifically the Flood Hazard Area, Coastal and Freshwater Wetland rules. In her current position she continues to steer the Department’s transformation of land use regulations, the processing of land use permits and the State’s coastal zone management program.

**Joseph Seebode, Deputy District Engineer, USACE NY District**

Joe Seebode serves as the Deputy District Engineer and Chief of Programs for the New York District of the U.S. Army Corps of Engineers. He oversees major Civil Works and Military Construction programs in New York, New Jersey and Greenland, and the District’s International, Interagency, and Environmental Services Program. Mr. Seebode has served in a number of key roles with the Corps of Engineers including managing the Regulatory Program, New York/New Jersey Harbor Deepening Program and Environmental Restoration Program. Mr. Seebode is currently responsible for Program Management oversight of the Emergency Supplemental funding to repair, restore and increase coastal resilience after the impact of Hurricane Sandy.

**Mike Moriarty, Director of Mitigation & Federal Insurance, FEMA**

Serves as Mitigation Division Director leading a team creating more resilient communities by reducing future losses to homes, businesses, public buildings and critical facilities from floods, earthquakes, tornadoes and other natural disasters. The Mitigation Team focuses on breaking the cycle of recurrent disaster damage with responsibilities for New York, New Jersey, Puerto Rico, and the U.S. Virgin Islands. Over the past ten years, Mike had also served Region II as Federal Preparedness Coordinator and as Deputy Regional Administrator collaborating with state, local, tribal and private sector partners to enhance resiliency and deliver coordinated federal disaster assistance. Mike earned a B.S. from the University of Dayton, a master’s degree in Public Administration from New York University and a Juris Doctor from Seton Hall University School of Law.

**Mark Osler, Senior Advisor for Coastal Inundation and Resilience, NOAA National Ocean Service**

Mark Osler serves NOAA’s National Ocean Service (NOS) as Senior Advisor for Coastal Inundation and Resilience Science and Services. He works across NOS and with the broader NOAA community to provide national level leadership to advance coastal inundation science and the ability of decision-makers to prepare for and respond to changes affecting coastal communities. Prior to joining NOAA in June of this year, 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 has also worked closely with FEMA, providing program and technical leadership within their Risk Mapping, Assessment and Planning (RiskMAP), and Community Engagement and Risk Communication (CERC) initiatives. Over the course of his career, Mark has performed studies of coastal flood risk for regions in the Atlantic, Gulf of Mexico, Pacific, Great Lakes, Alaska, and Antarctica.



**Amanda Bassow, Director, Northeastern Regional Office, NFWF**

Amanda is the Director of the National Fish and Wildlife Foundation's Northeastern Regional Office. She develops partnerships and oversees delivery of grant programs throughout the Northeast and Mid-Atlantic states, which includes over \$20 million in annual grantmaking in New England, the Long Island Sound, the Delaware River watershed, the Chesapeake Bay watershed and Central Appalachia. Prior to joining NFWF, Amanda was a senior policy analyst at the Environmental Protection Agency. She holds a master's degree in Public Policy with a focus in environmental policy from Duke University, and a Bachelor of Arts in journalism from the University of Washington.

**Ken Pringle, Esq., Pringle Quinn Anzano, PC**

Kenneth E. Pringle is the founding member of PQA, and its managing partner. He heads the firm's Insurance, Healthcare and Financial Fraud Litigation, and Insurance Coverage Groups. Mr. Pringle also represents clients in commercial and real estate transactions, and in bringing land use applications before planning and zoning boards throughout New Jersey. Mr. Pringle served as the Planning Board Attorney for the Borough of Red Bank from 1991 until 1999, and as Borough Attorney of the Borough of Red Bank from 2005 until 2010. Mr. Pringle is a member of the Advisory Council of Monmouth University's Urban Coast Institute. He served as the Mayor of the Borough of Belmar from June 20, 1990 until December 31, 2010 and was the longest-serving mayor in Belmar's 125-year history.

**David Apy, Esq., N.J. Assistant Attorney General**

Mr. Apy is Assistant Attorney General in Charge, Environmental Practice Group, Office of the Attorney General, Division of Law and has practiced law with the Division of Law since 2013. In his present position, Mr. Apy supervises all environmental-related matters for the State of New Jersey on a day-to-day basis. Prior to joining the Division of Law, Mr. Apy was a law clerk to the Honorable Daniel J. O'Hern, Associate Justice of the New Jersey Supreme Court (1986-87 term); and practiced law at McCarter & English, LLP from 1987 to 2008; and Saul Ewing LLP from 2008 to 2013. Mr. Apy is a graduate of Case Western Reserve University School of Law (J.D., 1986), Brown University (A.B., 1982) and The Peddie School (1978).

**Tim Dillingham, Executive Director, American Littoral Society**

Tim Dillingham has led the American Littoral Society as its Executive Director since 2003. His work has led to expanded advocacy regarding the restoration of Barnegat Bay and other coastal areas, new partnerships to promote community-based restoration projects, expansion of marine education programs in underserved communities throughout New Jersey, increased public access to the coast, and the use of nature-based approaches to increasing coastal resiliency. In 2017 he co-chaired a legislative task force examining public access to tidal waters. He is currently the co-chair of the Stakeholder Advisory Committee to the Agency Working Group on Aquaculture and Red Knots, the Coastal Resiliency Collaborative, and a Senate Task Force examining state natural resource damages programs.



### **Liz Semple, Office of Coastal and Land Use Planning, DEP**

Liz Semple has been with NJDEP for 29 years and the Manager of the Office of Coastal and Land Use Planning since 2012. The primary functions of the office are implementation of the State's Coastal Management Program, facilitating coastal community resilience, planning for public access to tidal waters, encouraging ecological restoration projects. Liz currently is the Chair of the Mid Atlantic Regional Council on the Ocean, a five-state organization that works together to maintain sustainable ocean uses and resources. Liz previously led the update of the State's Water Quality Management plans, oversaw amendments to NJ Stormwater Management Rules that included buffers for Category One waters, represented the NJDEP on the State Plan Commission and won multiple competitive federal grant awards bringing millions of dollars into the state for community resilience projects.

### **Nick Napoli, MARCO, Ocean Portal and Data Manager**

Nick Napoli serves as the Manager of the Mid-Atlantic Ocean Data Portal on behalf of the Mid-Atlantic Regional Council on the Ocean (MARCO). In this capacity, Nick is responsible for managing the development of regional maps and data products and engaging agencies and stakeholders in the identification of regional data needs. Nick also serves as the Ocean Planning Director for the Northeast Regional Ocean Council (NROC). As Ocean Planning Director, Nick manages the implementation of the Northeast Ocean Plan and the continued development of the Northeast Ocean Data Portal.

### **Sydney Sheridan, Marine Liaison Manager, TE SubCom**

Sydney Sheridan is an experienced Marine Manager with a demonstrated history of working in undersea telecommunications industry. Sydney is the Marine Liaison Manager of TE Connectivity. She focuses on conduct cable awareness visits in the United States, United Kingdom, and Ireland by interfacing with maritime stakeholders, fisheries organizations, port agents, and coast guards to mitigate risk to new and existing systems. Additionally, Sydney coordinated investigations in ocean policy updates from the Mid Atlantic Regional Planning Body, the North American Subsea Cable Association, and the International Seabed Authority and provide input internally and to customers. Sydney has a Bachelor of Science (BS) focused in Environmental Engineering, Business Minor from Cornell University.

### **Ali Chase, Senior Policy Analyst, NRDC**

As a Senior Policy Analyst for the Oceans Division of the Natural Resources Defense Council's Nature Program, Alison Chase crafts and advocates for effective state and federal policies that protect and restore ocean and coastal ecosystem health. She works to promote and advance regional ocean planning, to guide responsibly sited and developed offshore wind, and to ensure protection of important ocean habitats and wildlife. Prior to joining NRDC, she worked for a number of environmental organizations including the League of Conservation Voters and the Sierra Club, and as a senior associate for a strategic consulting firm, where she designed and oversaw the implementation of public education campaigns for a range of socially conscious clients. Chase attended Colgate University and received a Master of Public Administration in environmental science and policy from Columbia University. She is based in New York City.



### **Doug Simpson, U.S. Coast Guard**

Doug Simpson currently serves as the Fifth Coast Guard District Recreational Boating Safety Specialist, managing an outreach program which endeavors to improve the safety of the over 1.1 million registered recreational vessels in the Mid-Atlantic Region. With over 24 years of active duty and civil service experience with the U.S. Coast Guard, he has served in a number of waterways management and port and waterways safety roles, using big data to help make management, policy, and crisis response decisions.

### **Ana Baptista, Chair of the Environmental Policy and Sustainability Management Program, The New School**

Ana is the Chair of the Environmental Policy and Sustainability Management graduate program and an Assistant Professor of Professional Practice at the Milano School of Policy, Management and Environment at The New School. She also serves as the Associate Director of the Tishman Environment and Design Center at The New School. Ana's research is focused on advancing environmental justice through collaborative work with communities on issues ranging from climate justice, air pollution and zero waste policies. Ana previously was director of the Environmental Justice program for the Ironbound Community Corp in Newark, where she now serves on the board. She also serves on the Boards for the New Jersey Environmental Justice Alliance, the Victoria Foundation and the Global Alliance for Incinerator Alternatives.

### **David Henry, Monmouth County Health Officer**

David Henry is the Health Officer for the Monmouth County Regional Health Commission No. 1 where he directs all governmental public and environmental services and activities for 20 towns. He graduated from Cook College, Rutgers University with a bachelor's degree in Environmental Science and has a master's degree in Public Health from Rutgers School of Public Health. He is a Part-Time Lecturer at Rutgers University, Edward J. Bloustein School of Planning and Public Policy and a Volunteer Adjunct Instructor at Rutgers School of Public Health and is on the Executive Committee of the NJ Association of County and City Health Officials and member of the NJ Climate Adaptation Alliance.

### **Mike DeLuca, Senior Associate Director, Office of Research, Rutgers University**

Mike De Luca manages integrated programs of marine and coastal research, education and outreach at Rutgers University, especially the Jacques Cousteau National Estuarine Research Reserve, Aquaculture Innovation Center and the Coastal Exploration Center. He leads efforts to capitalize on environmental sampling and sensing networks to inform coastal management and enrich K-12 science education, efforts to support the development, growth and prosperity of aquaculture, and the restoration of coastal systems and communities in the aftermath of Superstorm Sandy. He partners with many organizations to develop innovative approaches to science-based management of coastal systems and management of marine protected areas.



**Lisa Auermuller, Assistant Manager, JC NERR**

Lisa Auermuller is the Assistant Manager of the Jacques Cousteau National Estuarine Research Reserve (JC NERR) in Tuckerton, NJ. She has been employed there since 2002. Lisa's role includes assessing the needs of coastal decision makers and assembling training opportunities through JC NERR's Coastal Training Program. These programs are designed to better inform decision makers through the use of science-based applied research, visualization tools and best practices. Most recently, Lisa's primary areas of interest have coastal community vulnerability and resilience as they relate to current and future coastal hazards. Lisa has worked with a variety of partners and stakeholders to develop tools and protocols to help communities understand their risks, plan for those risks and put resiliency, mitigation and adaptation measures into place. Lisa's work combines natural and social science aspects of the coastal decision-making process.

**Stan Hales, Program Director, Barnegat Bay Partnership**

Stanton Hales, Jr., Ph.D. joined the Barnegat Bay Partnership (BBP) as Director on July 1, 2007. He brings a diverse background in education, research, and management to the BBP. Before joining the BBP, Dr. Hales was a Senior Fish and Wildlife Biologist in the U.S. Fish and Wildlife Service's New Jersey Field Office, where he coordinated planning and other activities in the Hackensack Meadowlands and authored The Hackensack Meadowlands Initiative: Preliminary Conservation Planning. Previously, he was a Visiting Assistant Professor and Assistant Director of the Coastal Conservation Research Program (CCRP) at Richard. He received his B.S. from Davidson College, his M.S. from the College of Charleston, and his Ph.D. from the University of Georgia.

**Jennifer Adkins, Executive Director, Partnership for the Delaware Estuary**

Jennifer Adkins is the Executive Director of the Partnership for the Delaware Estuary (PDE), a nonprofit organization that is home to the National Estuary Program for the Delaware River and Bay. In this role, she leads a staff of twenty and collaborates with two regional offices of the USEPA; the states of Delaware, New Jersey and Pennsylvania; major municipalities like Philadelphia and Wilmington; and a variety of organizations and businesses across more than 6,500 square miles of the mid-Atlantic region. Adkins has been active in conservation planning and collaboration in the mid-Atlantic region for more than 20 years, including prior positions at PDE, The Nature Conservancy, the Land Trust Alliance, and the Brandywine Conservancy. She is a graduate of the University of Delaware and holds a Master of Public Administration degree, specializing in Environmental and Energy Management, as well as a Bachelor of Science degree in Economics.

**Rob Pirani, Program Director, NY/NJ Harbor & Estuary Program**

Robert Pirani is the program director for the New York-New Jersey Harbor & Estuary Program at the Hudson River Foundation. One of 28 such programs around the country authorized under the Clean Water Act, HEP is a collaboration of government, scientists and the civic sector that helps protect and restore the harbor's waters and habitat. Prior to joining the Foundation, Mr. Pirani was vice president for energy and environment at Regional Plan Association and executive director of the Governors Island Alliance. Mr. Pirani holds a master's degree in Regional Planning from Cornell University.



**Anne Marie McShea, Clean Energy Program Administrator, BPU**

Anne Marie McShea is the Offshore Wind Program Administrator for the New Jersey Board of Public Utilities (BPU). She is responsible for the development and implementation of the Offshore Wind Program consistent with Executive Order No. 8, the 2010 Offshore Wind Economic Development Act (OWEDA) and BPU regulations at N.J.A.C 14:8-6. Ms. McShea serves as the liaison to the federal agency Bureau of Ocean Energy Management (BOEM) on the coordination of offshore wind leasing activities. She has worked for over ten years in the development of offshore wind markets and nearly twenty years in the development and evaluation of clean energy markets. Anne Marie received a Master of Science in Environmental Science from the State University of New York, College of Environmental Science and Forestry in Syracuse, New York and holds a Graduate Credential in Wind Energy Management from Texas Tech University in collaboration with the DNV-GL.

**Bob Kettig, Bureau Chief, Energy and Sustainability, DEP**

Bob Kettig is Bureau Chief of the Bureau of Energy and Sustainability at The New Jersey Department of Environmental Protection. His office is DEP lead on a number climate, clean energy, energy efficiency and sustainability initiatives. During his 27-year career at NJDEP, Bob has worked in a number of programs that have included managing the Air Permitting Program, serving as DEP representative for the Regional Greenhouse Gas Initiative (RGGI) and overseeing stack emission monitoring and testing programs with The Bureau of Technical Services.

**Joe Cimino, Assistant Director, Marine Fisheries, DEP**

The Bureau of Marine Fisheries is responsible for the administration of marine fisheries management programs. The objective of the bureau is to protect, conserve and enhance marine fisheries resources and their habitat. With 127 miles of Atlantic coast and 83 miles of bayshore there's a lot of area to cover. In an effort to manage the various resources, the bureau conducts research and inventory projects designed to provide data on fishery resources and on the various user groups to develop and implement sound management plans. The bureau is also involved with habitat protection. Through the division's Office of Environmental Review, the bureau reviews and comments on various development proposals that may impact the marine resources.