

2ND ANNUAL CAPE COASTAL CONFERENCE

JUNE 5-6, 2014

**STATE OF THE CAPE:
IMPLEMENTING STRATEGIES TO IMPROVE
WATER QUALITY & BUILD COASTAL
RESILIENCE**

SPEAKER BIOS

Greg Berman

Greg Berman, PG, GISP, is a coastal processes specialist for Woods Hole Sea Grant (WHSG) and the Cape Cod Cooperative Extension (CCCE), where he provides technical assistance on coastal geology topics: shoreline change, erosion control alternatives, potential effects of various human activities on coastal landforms, coastal flood plains, coastal hazards, hazard mitigation analyses, and dune restoration techniques. He joined WHSG and CCCE after five years with Science Applications International Corporation (SAIC) where he worked on a variety of government projects focusing on environmental assessments and shoreline stabilization. Prior to that he spent six years with United States Geological Survey (USGS) offices in Florida and Hawaii, where he performed analysis of coastal geology, habitat, and hydrology. He has more than 15 years of diverse experience with surveying, interpreting, and reporting on coastal geology. He has also regularly provided assistance in local coastal restoration projects organized by environmental non-profit organizations and worked with a wide spectrum of volunteers.

Greg Berman

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Kirk Bosma

Kirk Bosma, PE, is a Senior Coastal Engineer and Team Leader of the Coastal Sciences, Engineering & Planning team at Woods Hole Group. He focuses on habitat restoration, shoreline protection, and climate change planning projects for a diverse client base. He specializes in applying numerical models to optimize engineering designs and reduce overall project life cycle costs.

Kirk Bosma

Team Leader/ Coastal Engineer, Woods Hole Group

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Rich Claytor

Rich has more than 30 years of experience in the field of water resource assessment, watershed planning, stormwater management design, and land use management. Last October Rich was appointed as the President of the Horsley Witten Group, which is headquartered in Sandwich, MA. Prior to that, he was HW's Principal Engineer and lead Watershed Manager. Before joining HW, Rich was the Principal Engineer for the Maryland based, Center for Watershed Protection. Rich has a BS in Civil Engineering from Union College, in Schenectady, NY; he is a Registered Professional Engineer, a LEED Accredited Professional and a Massachusetts Approved Soil Evaluator.

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Scott Doney

Scott Doney is a Senior Scientist in the Department of Marine Chemistry and Geochemistry and presently the Director of the Ocean and Climate Change Institute at the Woods Hole Oceanographic Institution (WHOI). He graduated with a BA in chemistry from the University of California, San Diego in 1986 and a PhD in chemical oceanography from the Massachusetts Institute of Technology/Woods Hole Oceanographic Institution Joint Program in Oceanography in 1991. He was a postdoctoral fellow and later a scientist at the National Center for Atmospheric Research, before returning to Woods Hole in 2002. Much of his research focuses on how the global carbon cycle and ocean ecology respond to natural and human-driven climate change and ocean acidification. He was a convening lead author for the Oceans and Marine Resources chapter of the 2014 U.S. National Climate Assessment. He was awarded the James B. Macelwane Medal from the American Geophysical Union in 2000, an Aldo Leopold Leadership Fellow in 2004, a AAAS Fellow in 2010, and the Huntsman Award for Excellence in Marine Science in 2013.

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Robert Duncanson

Robert A. Duncanson, Ph.D., is Director of Health and Environment, and Director of the Water Quality Laboratory, for the Town of Chatham, Massachusetts. Dr. Duncanson has a BS degree in Biology from the University of Miami and a Doctorate in Microbiology from the University of Rhode Island. While at the Univ. of Rhode Island, Dr. Duncanson worked on the development and application of various microbial water quality indicators, including the current national Enterococci standards for bathing beaches. As Director of Health & Environment for Chatham, Dr. Duncanson oversees staff and programs in the areas of public health, conservation, environmental protection, coastal resources, and shellfish. Dr. Duncanson managed the Town's 12 year Comprehensive Wastewater Management Planning program (CWMP) completed in 2009, including integration of the Massachusetts Estuaries Project and other scientific and engineering studies into the planning process. Dr. Duncanson managed the \$59.5M in construction activities related to Phase 1A implementation of the CWMP, consisting of a new 1.2 mgd ENR wastewater treatment facility, 5 pump stations, and approximately 11 miles of gravity, force main and low pressure sewers. Dr. Duncanson is currently managing construction of Phase 1B including \$5M of sewer extensions and a pump station upgrade in addition to overseeing design and bidding for future construction phases. Dr. Duncanson is also Phase II Stormwater Coordinator for Chatham, responsible for development and implementation of the Town's Phase II Stormwater Program.

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Curt Felix

Curtis S. Felix is the Vice-Chair of the Comprehensive Wastewater Planning Committee in Wellfleet, Wellfleet Representative to the Cape Cod Water Protection Collaborative and the County 208 Technical Advisory Committee. He has helped spearhead the Town's Oyster Restoration and Shell Recycling Project that includes support from USDA, NOAA, Mass Oyster Project, Barnstable County and SPAT. The project is restoring 140 acres of oyster habitat and supporting large scale salt marsh restoration in Wellfleet Harbor. In 2008 he founded Planktonpower to develop algae for renewable feedstocks. Prior to that he managed a company working in refineries and oil exploration companies worldwide. In 1995, he developed what was the largest Compressed Natural Gas (CNG) refueling facility in the country at Logan Airport. His 25 years of experience in the energy industry also includes roles in utility planning at the former Boston Edison Company, utility strategic management consulting and helping to create what is now a \$14.2 billion renewable and energy efficiency lending program at the World Bank. He is a graduate of the University of Vermont with degrees in Economics, Political Science and Biology.

Curt Felix

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Tom Guerino

A native of Greenfield and resident of Vernon, VT, Mr. Guerino has served cities and towns in a professional capacity for more than thirty years, most recently as the Town Administrator for the Town of Bourne since early 2005. He currently serves as the Chair of the Cape Cod Regional Transportation Authority. Prior to his position in Bourne, Tom served as the Executive Director of the Massachusetts Rural Development Council, Inc., a member state of the National Rural Development Partnership (9.5 years). He has also served as an elected Village Trustee for Bellows Falls VT., and a finance committee member. He has served as a Vermont Town and Village Manager, Economic and Community Development Director, and served on four regional economic development agency Boards of Directors. He has been involved with the construction/upgrade of three municipal wastewater facilities and had an integral role in negotiating and/or updating two wastewater inter- municipal agreements, one being an interstate/inter-municipal document.

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John W. Giorgio

Attorney John W. Giorgio has over 25 years of experience in the area of municipal law and specializes in environmental law and public sector procurement and contract law. He counsels municipalities on wastewater treatment, public water supply, hazardous waste, and landfill compliance issues with a special emphasis on advising clients with respect to innovative contracting methods to achieve regulatory compliance. He also has extensive experience on public construction matters, and solar and wind power projects. Attorney Giorgio also specializes in municipal finance. He represents municipal clients in all aspects of budgeting and has developed several home rule petitions to address unique municipal financial challenges. He has also represented municipalities before state-imposed financial control boards.

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Elizabeth Gladfelter

Dr. Elizabeth Gladfelter has been a member of the Falmouth (MA) Conservation Commission for 10 years and has served as Chairman for five. For more than 40 years, she has engaged in marine science research, teaching and curriculum development, marine laboratory design and administration, grant writing and administration, and editorial activities. She received an A.B. in Biological Sciences from Stanford University, an M.S. in Marine Sciences from the University of the Pacific, and a Ph.D. in Biology from UCLA. Her research includes questions about biomineralization, symbiosis, and coral reef ecology, as well as coastal management and environmental policy; she has published 29 articles in refereed journals, >30 technical reports and one book, *Agassiz's Legacy: Scientists' Reflections on the Value of Field Experience* (Oxford U Press 2002). Her current interests include policy decisions affecting individuals and institutions engaged in field science research and teaching, as well as environmental restoration projects in Falmouth.

Elizabeth Gladfelter

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George Heufelder

George Heufelder is the Director of the Barnstable County Department of Health and Environment and The Massachusetts Alternative Septic System Test Center. He has been instrumental in both beginning the Test Center and initiating the first-of-its-kind electronic performance tracking service for alternative onsite septic systems. George conducts research on various aspects of onsite wastewater disposal including nitrogen, phosphorus and contaminant of emerging concern removal. He has a Bachelor's Degree in Biology from Kansas State University, a Master's Degree in Biology from Eastern Michigan University. He is a Class 4 Treatment Plant Operator, a Certified Title 5 Soil Evaluator and Septic System Inspector and he is a Registered Sanitarian in the Commonwealth.

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Scott Horsley

Mr. Horsley has twenty-five years of professional experience in the field of water resources and wetlands management. He holds a Bachelor's degree in Biology and a Master's degree in Marine Policy. He has worked as a consultant to federal, state, and local jurisdictions, and private industry throughout the United States, Central America, the Caribbean, the Pacific Islands, and China. He is currently serving as a consultant to the Cape Cod Commission in the preparation of the 208 Water Quality Plan. Mr. Horsley has served as an expert witness in the areas of hydrology, wetlands science, water quality, and stormwater. Mr. Horsley serves as an instructor for a nationwide series of U.S. Environmental Protection Agency (EPA) workshops on water resources management. He has authored numerous publications on water resources mapping and protection, and served on numerous advisory boards to the EPA, the National Academy of Public Administration, Massachusetts Department of Environmental Protection, National Water Well Association, National Groundwater Association, and Massachusetts Audubon Society. Mr. Horsley was appointed to and has served on a number of advisory committees including the Massachusetts Climate Change Adaptation Advisory Committee, the Massachusetts Stormwater Advisory Committee and the Massachusetts Sustainable Water Management Initiative. Mr. Horsley has received national (US EPA) and local awards (Mashpee Conservation Commission) for his work in the wetlands and stormwater management fields. Mr. Horsley is a recipient of the 1999 Environmental Technology Innovator Award from the U.S. Environmental Protection Agency for designing constructed wetlands for stormwater and wastewater treatment. He has taught numerous seminars in water resource protection, and is an Adjunct Professor at Tufts University where he teaches courses in Water Resources Policy, Low Impact Development, Green Infrastructure and Wetlands Management.

Scott Horsley

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James Houle

James Houle is the Program Manager for the Stormwater Center. His responsibilities include directing and managing the Stormwater Center's growing body of research projects. Areas of expertise include the design and implementation of innovative stormwater control measures including porous pavements and subsurface gravel wetland systems, low impact development (LID) and green infrastructure (GI) planning and implementation, operation and maintenance, and water resource monitoring. Mr. Houle holds an M.A. in Sustainable Development a B.S. in Molecular Biology and is currently enrolled in the Natural Resources & Earth Systems Science Ph.D. Program at UNH. He has over fifteen years of experience with water quality related issues in New Hampshire and is a certified professional in storm water quality (C.P.S.W.Q.).

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Jon Idman

Jon is the Chief Regulatory Officer at the Cape Cod Commission, overseeing the regulatory functions of the Commission. He is an attorney licensed to practice in the Commonwealth with a decade of experience in general real estate law and land use permitting. He has a bachelor's degree from Boston University and a J.D. from Penn State.

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Rob Johnston

Robert J. Johnston is Director of the George Perkins Marsh Institute and Professor of Economics at Clark University. Dr. Johnston's research addresses economic valuation, benefit transfer and ecosystem services, with an emphasis on aquatic, riparian and coastal systems. His recent work has focused on the economics of coastal vulnerability and adaptation. He is a current member of the US EPA Science Advisory Board, the Ecosystem Science and Management Working Group of NOAA Scientific Advisory Board, the Management Committee of the Narragansett Bay Estuary Program, the Senior Advisory Board of the Connecticut Sea Grant Program, the Program Advisory Council of the New York Sea Grant Program, and the Program Committee for the Charles Darwin Foundation in Galapagos, Ecuador. He also serves on the Council on Food, Agricultural and Resource Economics (C-FARE) Blue Ribbon Panel on Natural Resources and Environmental Issues.

Rob Johnston

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Julia Knisel

Julia Knisel is the Coastal Shoreline and Floodplain Manager for the Massachusetts Office of Coastal Zone Management, leading development and implementation of policies and strategies to promote sound adaptation and reduce vulnerability along the coast. Julia coordinates with state and federal agencies, local cities and towns, regional planning agencies, and NGOs to build partnerships and collaborative approaches to improve management of coastal erosion and flooding. She oversees the Massachusetts StormSmart Coasts program to help communities prepare for and protect themselves from coastal storms and flooding-both now and under higher sea levels. Julia also co-chairs the Northeast Regional Ocean Council's Coastal Hazards Resilience Committee, which coordinates activities related to coastal hazards resilience and climate adaptation in New England. Julia previously worked for the U.S. Geological Survey Coastal and Marine Geology Program and was a NOAA Coastal Management Fellow. Julia has a B.S. in Biology and Marine Science from The Pennsylvania State University and a M.S. in Marine Policy and Coastal Zone Management from The University of Maine.

Julia Knisel

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Jeff Payne

Dr. Jeff Payne currently is the acting director of the NOAA Coastal Services Center, and served as deputy director from 1998-2012. He led NOAA's Southeast and Caribbean Regional Team from 2007-2013, and was the deputy chief of staff for NOAA from 2009-2010. Before joining the Center, Payne was deputy director of NOAA's Office of Policy and Strategic Planning in Washington, D.C. From 1991 to 1994, Payne worked for the Executive Office of the President, Office of Management and Budget, serving as budget examiner for NOAA and the Marine Mammal Commission. He also served a year in the U.S. House of Representatives as a Congressional Science and Engineering Fellow. Payne received a doctorate in geophysical oceanography from Texas A&M University and a bachelor's degree in geology from West Virginia University. While at Texas A&M, Payne was employed by the Geodynamics Research Institute as a research associate. He has conducted extensive ship-based geological and geophysical research and consulting work, and published on scientific, technical, coastal management, and public policy topics.

Jeff Payne

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Catherine Laurent

Catherine Laurent is the DPW Director for the Town of Mashpee. She is a graduate of Lafayette College with a BS in Chemical Engineering. She started her municipal career as a planner for the Town of Chatham, but has worked for the last 13 years in Mashpee, first as Assistant DPW Director and for the last 6 years as Director.

Catherine Laurent

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Daniel McCorkle

Daniel C. McCorkle is a Senior Scientist and Department Chair in the department of Geology and Geophysics at the Woods Hole Oceanographic Institution. He received his B.A. in Geology from Columbia University, and his Ph.D. in Chemical Oceanography from the University of Washington. His research interests center on the carbon cycle in the oceans and seafloor sediments, in both the modern ocean and during natural climate cycles in the past. Currently, much of his work is focused on understanding the controls on the carbonate chemistry of coastal waters, including coral reef ecosystems, and understanding the impact of ocean acidification on corals, shellfish, and other marine organisms.

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Sims McGrath

Sims McGrath, Jr. moved to Cape Cod 30 years ago. In 1996 he was appointed to the Orleans Planning Board, serving until March 2009. During that time he was the Planning Board's representative to: Orleans Wastewater Management Steering Committee 2003 to 2009; Orleans Comprehensive Plan Committee 1999 and 2001; and Orleans Zoning Bylaw Taskforce 2002-2009.

As Planning Board Chairman, he oversaw the 5-year recertification of the Local Comprehensive Plan. He was also elected to the Orleans Board of Health, serving 2006-2009. Sims was first elected to the Orleans Board of Selectmen in March of 2009 and continues to serve. As Selectman, he is the Orleans representative to the Cape Cod Water Protection Collaborative, served on the Barnstable County Solid Waste Advisory Committee, is the elected Representative (Cape Cod Sub-Region-C) to the Metropolitan Planning Organization, and was appointed to 2 of the Watershed Working Groups for the Section 208 Water Quality Planning Process. He currently serves on the Regional 208 Working Group for the Lower Cape. Sims is business partners with his wife, Heather in Simpler Pleasures, a decorating and home furnishings business in Chatham, and is also a partner in HMD Architects, a residential design/build business in Harwich. Sims and Heather have 2 grown children.

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Chris Miller

Mr. Miller has a B.S. in Wildlife and Fisheries Biology from the University of Massachusetts, and an M.S. in Chemical Engineering from Wayne State University. Mr. Miller has a diverse background with 24 years of experience in environmental consulting, technical consulting, and wildlife biology, including 7 years of municipal service as a department head in Brewster.

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Diane Murphy

Diane C. Murphy is the Fisheries and Aquaculture Specialist with the Woods Hole Sea Grant Program and Barnstable County's Cape Cod Cooperative Extension, specializing in shellfish, shellfish aquaculture, and other coastal living marine resources. She earned her Master's degree in biology/environmental science from Western Connecticut State University and undergraduate degree from Pace University in New York. Diane has worked as an extension agent on Cape Cod since 1999 and also serves as the technical advisor to the Southeastern Massachusetts Aquaculture Center (SEMACE) and is the Woods Hole Sea Grant Extension Program leader.

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Mark Nelson

Mark Nelson, P.G. is a Principal with the Horsley Witten Group, Inc, with over 25 years of experience in watershed management. He is the Project Manager for HW's work on Brewster's Integrated Water Resource Management Plan. He is also leading an integrated water management plan for North Kingstown, Rhode Island, and supported similar HW projects in Charlestown and South Kingstown, Rhode Island. Mark is the Program Manager for HW's contracts with the U.S. Environmental Protection Agency's Office of Water and through that contract is developing an Onsite System Model Program for six states in the Chesapeake Bay watershed.

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Paul Niedzwiecki

Paul Niedzwiecki has been Executive Director of the Cape Cod Commission since 2007. He leads the agency in fulfilling its mission- 'Keeping a Special Place Special'- by protecting the natural environment, enabling economic growth, increasing transparency and encouraging community engagement. Prior to joining CCC, Paul was Assistant Town Administrator, Barnstable; Special D.A., Barnstable County; and General Counsel/CFO at Commonwealth Corp. He graduated from Suffolk University, received his J.D. from Suffolk University Law School, and is a member of the Massachusetts Bar.

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Sean O'Brien

Sean M. O'Brien has been the coordinator of the Barnstable County Regional Emergency Planning Committee since its inception in the autumn of 2001. BCREPC is a multi-jurisdictional organization that encompasses the participation of fifteen towns in Barnstable and Nantucket Counties in southeastern Massachusetts. BCREPC was formed to address compliance to SARA Title 3 but has evolved into an "All Hazard" regional planning committee. Mr. O'Brien co-authored a regional Hazardous Materials Response Plan and supervised the implementation of CAMEO as the database management program for all Tier 2 reporters within the REPC. Currently he is assisting the committee with the development of the Cape Cod Regional Sheltering Plan and an expansion of the Cape Cod Emergency Traffic Plan. Sean O'Brien has been employed by the Barnstable County Department of Health and Environment as an environmental specialist since September of 1987 and emergency preparedness coordinator since 2002. He has worked extensively with state and federal environmental, sanitary code and emergency management regulations through his tenure. He has extensive training with the incident command system, the Homeland Security Exercise Evaluation Program (HSEEP) and is a Registered Massachusetts Sanitarian. He is also an experienced grant writer and funding administrator. Mr. O'Brien serves as an adjunct faculty member for Cape Cod Community College, teaches a course in Hazardous Materials Management, and conducts OSHA HAZWOPER Training. Mr. O'Brien is a member of the Commonwealth of Massachusetts' State Emergency Response Committee (SERC) and serves on the Board of Directors for Cape and Islands Emergency Medical Services Inc and OpenCape Corporation. He is also a member of The Barnstable County Type 4 Incident Management Team where he serves as a Multi Agency Coordination Center (MACC) Manager and Liaison Officer.

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Jeff Payne

Dr. Jeffrey Payne has served as the deputy director of the NOAA Coastal Services Center since 1998. He also leads the Southeast and Caribbean Regional Team, a NOAA-wide effort to improve the value of NOAA services to the Southeast states, Puerto Rico, and the U.S. Virgin Islands. During 2009-2010, he served as the acting deputy chief of staff for NOAA. Before joining the Center, Payne was deputy director of NOAA's Office of Policy and Strategic Planning in Washington, D.C. From 1991 to 1994, Payne worked for the Office of Management and Budget, serving as budget examiner for the NOAA bureau and the Marine Mammal Commission. He also served a year in the U.S. House of Representatives as a Congressional Science and Engineering Fellow. Payne received a doctorate in geophysical oceanography from Texas A&M University and a bachelor's degree in geology from West Virginia University.

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Vandana Rao

Vandana Rao is the Assistant Director for Water Policy at the Massachusetts Executive Office of Energy and Environmental Affairs (EEA) and is responsible for developing policy and providing direction to the Secretary of EEA on water resource issues across the state. These include water quantity and quality, wastewater, habitat, watershed management, water conservation, and stormwater. More specifically, she has worked on the Sustainable Water Management Initiative, developing and implementing the Massachusetts Water Policy, managing development of guidance on nutrient reduction strategies, developing and updating Massachusetts Water Conservation Standards, developing the State's first draft desalination policy, streamlining the dam removal permitting process; and working with the Massachusetts Water Resources Commission on policy and water resource management issues. Over the last 4 years, she has been closely involved in climate change adaptation efforts at the state – she was the editor of the Massachusetts Climate Change Adaptation report and currently she is the co-chair of an Adaptation subcommittee working with state agency staff on adaptation-related strategies. Prior to this she worked as the Watershed Policy Coordinator with the Massachusetts Watershed Initiative at EOEEA. In this position she coordinated with 20 watershed team leaders as well as other agency staff to provide support and policy direction to the 27 Watershed Teams. Vandana received her Ph.D. in Environmental Policy from the University of Massachusetts at Boston, her Masters in Environmental Science from the University of Maryland, and her Bachelors in Life Sciences from the University of Bombay, India.

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Josh Reitsma

Josh received a bachelor's degree in environmental science from Unity College in Maine and later a master's degree in aquaculture and fisheries from the University of RI. He has worked with restoration and aquaculture of finfish and shellfish from Maine to Alaska, including the management of a small farm in Virginia. Since 2009, he has worked with the Cape Cod Cooperative Extension and Woods Hole Sea Grant in support of fisheries and aquaculture here in Massachusetts.

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Dan Rizza

Dan Rizza serves as Manager and Research Associate for Climate Central's Program on Sea Level Rise. Previously, he worked at the Climate Policy Center of Clean Air-Cool Planet where he managed sea level rise mapping initiatives, researched public attitudes on sea level rise, and advised Congressional Committees on sea level rise and climate hearings. He has briefed senior officials on issues related to sea level rise and revolutionary clean energy R&D. He is a co-author of *An Energy Future Transformed: The Advanced Research Projects Agency-Energy (ARPA-E)* and was a member of the team contracted by the Department of Energy to advise and support the start-up of ARPA-E. In addition, Dan has experience managing software and web projects. Dan earned his MA at Georgetown University's Graduate School of Foreign Service and his BA at Colby College.

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Dorothy Savarese

Dorothy A. Savarese is the Chairman, President and Chief Executive Officer of The Cape Cod Five Cents Savings Bank, an independent Massachusetts state-chartered savings bank founded in 1855. The Cape Cod Five has grown to over \$2.5 billion in assets with a leadership position in both deposits and loans on Cape Cod. Currently, the Bank employs over 400 people in its 22 locations throughout Cape Cod, the Islands and surrounding areas. Dorothy joined Cape Cod Five in 1993 as a commercial lending officer. She then became Senior Vice President, Director of Product Planning before she was named Chief Operating Officer in 2004 and served in that capacity until becoming President and Chief Executive Officer in 2005. Prior to joining the Cape Cod Five, Dorothy served as an officer for a regional Midwestern bank. Before that, she worked for a national economic development consulting organization. Dorothy received an MBA from Suffolk University's Sawyer Business School. Dorothy is Chairman of the Board of Trustees of the Cape Cod Five and Chairman of The Cape Cod Five Cents Savings Bank Charitable Foundation Trust, with \$13 million in assets. Dorothy is past Chairman and a member of the Board of the Massachusetts Bankers Association and a member of the Board of Directors of both the American Bankers Association and the American Bankers Mutual Insurance Ltd. Dorothy also serves on

the FDIC Advisory Committee on Community Banking. She is a Board member and past Chairman of the Cape Cod Chamber of Commerce Board of Directors and serves as Secretary on the Board of Trustees of Cape Cod Community College. In 2012 and 2013, Dorothy was named one of the 25 Most Powerful Women in Banking by American Bankers magazine.

Dorothy Savarese

Chairman, President and Chief Executive Officer of The Cape Cod Five Cents Savings Bank

Ben Strauss

Dr. Ben Strauss serves as Vice President for Climate Impacts and Director of the Program on Sea Level Rise at Climate Central. He has published multiple scientific papers on sea level rise, testified before the U.S. Senate, authored the Surging Seas report, and led development of theSurgingSeas.org coastal flood risk tool, leading to front-page coverage in the New York Times and Washington Post, appearances on NBC, ABC, CBS, PBS and NPR national programming, and extensive coverage nationwide, from AP, Reuters, Bloomberg, USA Today and the LA Times, to many hundreds of local news outlets, to numerous editorials and op eds. In earlier roles at Climate Central, Dr. Strauss served as interim Executive Director for one year, COO, Associate Director and staff scientist. A founding board member of Grist.org, he previously helped launch the Environmental Leadership Program. Prior to that, Dr. Strauss worked for Abt Associates, co-organized the Campus Earth Summit, and authored a report on college environmental education and practices for the Nathan Cummings Foundation. He holds a Ph.D. in Ecology and Evolutionary Biology from Princeton University, an M.S. in Zoology from the University of Washington, and a B.A. in Biology from Yale University.

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Kristy Senatori

Kristy Senatori is Deputy Director of the Cape Cod Commission where she leads land use policy and economic development initiatives, the Strategic Information Office, and regionalization and smarter government efforts for the Commission. After graduating from law school Ms. Senatori worked in the private sector for several years before joining the Commission in 2008 and serving as the Commission's Chief Regulatory Officer for four years. Kristy graduated from Hamilton College, received a J.D. from Vermont Law School where she was editor of the Vermont Journal of Environmental Law, and is a member of the Massachusetts Bar.

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David Vallee

David Vallee is the Hydrologist-in-Charge of the National Weather Service's Northeast River Forecast Center. David has worked for the National Weather Service for 25 years, serving in a variety of positions including Senior Service Hydrologist at the Taunton Weather Forecast Office from 1993-2000 and as Science and Operations Officer from 2001-2006. David has extensive experience leading hydrometeorological forecast and warning operations and directing weather research and training programs. David's research activities span a variety of topics including flooding, severe weather forecasting and orographically enhanced heavy rainfall in southern New England. David is most known locally for his outreach and education work on the behavior of New England Hurricanes, including many appearances on local radio and T.V. networks as well as the Weather Channel, the History Channel and the Discovery Channel. David has been the recipient of numerous regional and national awards including the prestigious National Isaac Cline Award for Leadership. David is a graduate of Lyndon State College. He is a life-long resident of the Rhode Island, living in the northeast part of Cumberland, with his wife and two sets of now teenage twins! He considers it a tremendous privilege to be serving the people of the very region he calls home.

David Vallee

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