

## State of the Bays Symposium: Speaker Biographies

**Samantha Woods** is the Executive Director of the North and South Rivers Watershed Association located on the South Shore of Massachusetts Bay, and the current Chair of the MassBays Management Committee. She has over 20 years of experience working to improve the health of our coastal resources and throughout her career has worked with MassBays and other National Estuary Programs throughout the country.

EPA New England is lucky to have **Deborah Szaro** as Deputy Regional Administrator. Prior to her position in New England, Deb directed the Division of Environmental Science Assessment at the EPA Lab in Edison, NJ. There, she was responsible for directing and managing a diverse staff of scientists, engineers and technicians engaged in ambient and source monitoring for all environmental media, the generation of data used in enforcement actions, development and implementation of data quality assurance polices and protocols, and the operation of the regional analytical testing laboratory.

**J. Ruairidh (Ru) Morrison** is the Executive Director of NERACOOS, the Northeastern Regional Association of Coastal Ocean Observing Systems, one of the eleven regions of the U.S. Integrated Ocean Observing Systems (IOOS®). He received his Ph.D. from the University of Wales, Bangor in 1999 and since then has worked at the Bermuda Biological Station for Research, the Woods Hole Oceanographic Institution, and the University of New Hampshire where he retains an affiliate faculty position. His research background is in optical oceanography, ocean color remote sensing, and observing systems. He is Chair of the IOOS Association, a councilor on the bi-national Gulf of Maine Council on the Marine Environment, co-chair of the 2012 IOOS Summit, chair of the steering committee for the Northeast Coastal Acidification Network (NECAN), member of the board of the Marine and Oceanographic Technology Network (MOTN) and member of working groups for the International Council for Exploration of the Sea and Group on Earth Observations.

**Bruce K. Carlisle** is the Director of the Massachusetts Office of Coastal Zone Management (CZM), providing oversight of policy, planning, and technical approaches for CZM program areas including ocean planning, offshore renewable energy, shoreline and floodplain management, climate change adaptation and coastal resilience planning, habitat protection and restoration, port and harbor planning, water quality, seafloor and tidal habitat mapping, and GIS/data management. Bruce also supervises CZM's regulatory review of coastal and ocean projects. He formerly served as both Acting and Assistant Director for CZM, as well as the manager for the Commonwealth's Wetlands Restoration Program, where he led collaborative efforts to restore former and degraded wetlands. He holds a Masters in Environmental Policy from Tufts University.

**Pam DiBona** brings more than 20 years' experience in the public, nonprofit, and private sectors to her position as

Executive Director of MassBays National Estuary Program. She brings organizational development and strategic planning expertise along with a solid understanding of ocean and coastal science to her work at MassBays, gained through positions at the New England Aquarium, Massachusetts Department of Conservation and Recreation, the Environmental League of Massachusetts, and the Charles River Watershed Association. Pam earned a B.A. in Biochemistry from Connecticut College, and an M.S. in Environmental Microbiology and a Graduate Certificate in Critical and Creative Thinking, both from UMass Boston.

**E. Heidi Ricci** is a Senior Policy Analyst at Mass Audubon, with over 25 years of experience in environmental policy and land use management. She directs the Shaping the Future of Your Community program, which received an Environmental Merit Award from the U.S. EPA New England Region in 2013. The program focuses on helping municipalities adopt and apply sustainable development techniques to support landscape resiliency for the benefit of both people and nature in the face of climate change. Heidi is First Vice President of the Massachusetts Association of Conservation Commissions (MACC) and a founding Board member of the Massachusetts Rivers Alliance. She holds a B.S. degree in Biology from Tufts University and an M.S. degree in Resource Management and Administration from Antioch University New England.

**Harlan Doliner** is an environmental and maritime attorney practicing with the Boston office of the law firm of Verrill Dana LLP, and an adjunct professor for the Law Schools at Boston College and Roger Williams University. Harlan chairs the firm's Maritime Group, and advises on maritime technology and security issues; corporate and real estate transaction risk evaluation and support; hazardous waste site reuse; complex facility siting; management and regulatory compliance; and land use permitting, especially wetlands and related fisheries and wildlife issues. A member of MassBays' Management Committee, Harlan is also president of the Marine & Oceanographic Technology Network, a board member of the Environmental Business Council of New England, and was founding chair of the Environmental Law Section of the Boston Bar Association. He received his law degree from Boston College and his M.A. and B.A. from Johns Hopkins.

**Ellen Mecray** is the NOAA Regional Climate Services Director for the Eastern Region, based in Taunton, Massachusetts. She is also the U.S. co-lead for the Gulf of Maine Council's Climate Network and co-lead for the New England Federal Partners Climate committee. In her NOAA role, Ellen brings climate information to regional, state, and local geographies and specific sectors of importance to the eastern region. Prior to joining NOAA, Ellen was an oceanographer with the US Geological Survey's Coastal and Marine Geology program. She holds a Bachelor's degree in geology from Colgate University and a Master's in geological oceanography from the University of Rhode Island.

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**Julia Knisel** is 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.

As MassBays' Regional Coordinator for Cape Cod, **Dr. Jo Ann Muramoto** helps towns and organizations to protect and restore coastal resources by providing technical assistance, grant-writing, project management, coordination, monitoring and outreach. Her work experience includes research in marine chemistry, environmental consulting, and wetlands regulation as a conservation administrator in the Town of Falmouth. Jo Ann has a B.S. in biology from Caltech and a Ph.D. in geological sciences from Cornell University.

**Sam Cleaves** has worked for the Metropolitan Area Planning Commission (MAPC) for 15 years. He is a municipal and regional planning director with extensive experience working for and with municipal governments, businesses and state agencies developing, implementing and coordinating land use and environmental planning projects within eastern Massachusetts. Prior to joining MAPC, Sam was Planning Director for the City of Gloucester, coordinated the MetroBoston and Salem Sound subregions for MassBays Program in the 1990s and early 2000's. He lives in Gloucester and currently serves on the Gloucester Clean Energy Commission.

**Newton Tedder** is an environmental scientist with a masters degree in Geology and over 10 years of experience in hydrology and hydrogeology in the public and private sector. He has been at EPA Region 1 for 4 years and currently serves as the lead permit writer for the New Hampshire and Massachusetts Municipal Separate Storm Sewer (MS4) permits.

**Betsy Davis** has been working at EPA 24 years and 20 of those years have been in the drinking water and wastewater programs. Her primary focus is writing NPDES permit for dischargers in Massachusetts and as the Drinking Water Coordinator for New Hampshire. Her background is in Civil Engineering.

**Dr. Amy Costa** is a Research Scientist at the Center for Coastal Studies. Her work focuses on the quality and overall health of marine and coastal ecosystems through the integration of chemical, physical and biological studies.

**Michael Celona** is Chief of the Water Toxics Unit in the Massachusetts Department of Public Health, Bureau of Environmental Health's Environmental Toxicology Program (ETP). He has been with the Department for 15 years. He coordinates ETP water-related activities involving bathing beaches, freshwater algae blooms, drinking water, and freshwater fish advisories. Mike represents the Department on the New England Interstate Water Pollution Control Commission and the Massachusetts Board of Registration of Operators of Drinking Water Supply Facilities. He has a B.A. in Environmental Science from Wheaton College and an M.A. in Urban and Environmental Policy from Tufts University.

**Barbara Warren** is the MassBays Lower North Shore Regional Coordinator and the Executive Director of Salem Sound Coastwatch, where she has been working for the past 12 years. She has a Masters in Education from Lesley University and a Masters of Science in Environmental Studies from Antioch New England. Barbara has received both an EPA New England Environmental Merit Award and the Salem State University Friend of the Earth Award.

**Wendy Leo** is Senior Program Manager for NPDES Compliance at the Massachusetts Water Resources Authority, which she joined following graduate school and a Knauss Sea Grant Fellowship. Her work includes data management as well as reporting on wastewater and receiving water quality. Wendy has been involved in the Massachusetts Bays Program in one way or another, since its very beginning.

**Andy Lipsky** is a skilled facilitator, marine and watershed scientist, and a leader in managing large conservation and development projects, Andy directs SeaPlan's science and policy work. In his 20 year career, he has worked at the NGO, state, tribal, and federal levels, including two years at the White House helping to develop and implement President Obama's National Ocean Policy.

**Hunt Durey** is Deputy Director of the Division of Ecological Restoration within the Massachusetts Department of Fish and Game. The Division works with many partners to restore and protect the Commonwealth's rivers, wetlands and watersheds for the benefit of people and the environment. From 2000 to 2009, he served as the Restoration Planner and then Manager of the Massachusetts Wetlands Restoration Program. Prior to that, Hunt served as Conservation Agent for the town of Boxford, MA and worked for a private environmental consulting firm as a project manager and wetland scientist.

**Anne Giblin** is a Senior Scientist at The Ecosystems Center of the Marine Biological Laboratory. Her interests are in element cycling in sediments, especially nitrogen. She has worked on issues of coastal eutrophication and salt marsh loss in the New England region and for 20 years studied benthic processes in Mass Bay and Boston Harbor as part of the outfall relocation monitoring program.

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**Adrienne Pappal** has been enmeshed in marine invasive species issues since 2007 when she joined the Massachusetts Office of Coastal Zone Management as the Aquatic Invasive Species Program Coordinator. Since this time she has expanded marine invasive species information, monitoring, and outreach resources by growing and coordinating the regional Marine Invader Monitoring and Information Collaborative (MIMIC), co-coordinating the 2010 and 2013 Rapid Assessment Surveys for marine invasive species, and authoring a review of marine invasive species for the Gulf of Maine Council. She currently manages the Coastal Habitat and Water Quality program at CZM and looks forward to a summer filled with monitoring “squishy things on docks.”

**Peter Phippen** is an environmental scientist with 35 years of experience in the field of fresh and saltwater resources management. He holds a M.S. in hydrogeology from Boston University, and an M.A.L.D. in environmental landscape design from the Conway School. He is the Coastal Coordinator of the Eight Towns and the Bay Committee, the northern subregion of the MassBays National Estuary Program and the Merrimack Valley Planning Commission, and is focused on helping the North Shore municipalities address coastal pollution and restoration problems.

**Juliet Simpson** is a coastal aquatic ecologist with the MIT Sea Grant College Program in the Marine Advisory Services group. Her primary interests are in the effects of climate change on salt marshes and eelgrass meadows, the ecology and physiology of fresh- and saltwater plants and algae, water quality regulation, and the transport and fate of terrestrially-derived pollutants (nutrients, metals, and emerging contaminants such as pharmaceuticals and personal care products) to the coastal ocean.

**Jeff Kennedy** has over 30 years experience in the shellfish program at the Massachusetts Division of Marine Fisheries. In his current position as Shellfish Regional Supervisor and Purification Plant Manager he oversees shellfish management and sanitary classification of shellfish growing areas from Hull to Salisbury including managing depuration plant operations along with the associated contaminated softshell clam fishery.

**Dr. Katharine Parsons** has a Ph.D. in Ecology from Rutgers University and 30 years of experience in coastal waterbird research, management and policy in the northeast. Since 2011, she has directed Mass Audubon's Coastal Waterbird Program which works with coastal communities throughout Massachusetts to protect rare birds and their habitats.

**Abigail Franklin Archer** is a Marine Resource Specialist with the Cape Cod Cooperative Extension Marine Program & Woods Hole Sea Grant. She received her Master's degree in Wildlife and Fisheries Conservation from the University of Massachusetts, Amherst with thesis work focusing on evaluation of river herring passage through nature-like and technical fishways. Abigail serves as coordinator for the River Herring Network, a professional society for river herring wardens on Cape Cod and Southeastern MA, and is the current president of the Estuaries Section of the American Fisheries Society.

**Sara P. Grady, Ph.D.** is the South Shore Regional Coordinator for the Massachusetts Bays National Estuary Program and Watershed Ecologist at the North and South Rivers Watershed Association in Norwell, MA. She received her Bachelor of Science in Aquatic Biology from Brown University in 2001 and her Ph.D. in Biology from the Boston University Marine Program in Woods Hole in 2006. Her specialties include coastal and estuarine ecology, invertebrate zoology, and ecological restoration.

**Dr. Kathryn Ford** is a native of Massachusetts. She received her doctorate in oceanography at the University of Rhode Island and joined the Division of Marine Fisheries in 2005. She currently manages the Fisheries Habitat Program which conducts environmental review, habitat research, and ocean planning to avoid impacts from construction on marine fisheries resources. The program has active research programs focused on eelgrass, marshes, and artificial reefs. Kathryn serves on several committees including the Mass Bays Management Committee, the Science Advisory Council for Mass Ocean Planning, and the New England Fishery Management Council Habitat PDT. Dr. Ford lives in New Bedford with her husband, two sons, one dog, three cats, and a sailboat.

**Jon Kachmar** is The Nature Conservancy's Massachusetts Coastal Program Director, with responsibilities for statewide coastal conservation and restoration work as well as regional efforts from Cape Cod to Long Island Sound. He has an undergraduate degree in Marine Affairs from the University of Rhode Island, and a master's degree in Public Policy and Management from the University of Southern Maine focusing on coastal zone management. Jon is an avid sailor, fly fisherman, and backcountry skier.