

'Out of Harm's Way' Speaker and Panelist Bios

Wednesday, August 1st, 2012

Speaker Profiles

SECRETARY COLLIN O'MARA

Collin O'Mara serves as Secretary of the Environment and Energy for Delaware Governor Jack Markell. In this role, he serves as the chief steward of Delaware's natural resources and leads the state's efforts to improve air quality, ensure access to clean water, remediate contaminated sites, reduce flood damage, expand youth outdoor experiences, and restore wildlife habitat.

Since joining the administration, Secretary O'Mara has worked to modernize Delaware's energy sector with a focus on reducing pollution, stabilizing costs, improving reliability, and seizing economic development opportunities. He has negotiated the shutdown of the most polluting coal units in the state and is helping to facilitate a wide range of renewable energy projects and energy efficiency initiatives.

Under the Governor's leadership, Secretary O'Mara has spearheaded a range of innovative initiatives, including the First State Trails and Pathways Plan, which will help establish Delaware among the most bike and pedestrian friendly state in the nation, the Delaware Bayshore Initiative, which will help establish the region as a world-class conservation and low-impact recreation destination, and the No Child Left Inside/ Children In Nature campaign, which is a comprehensive strategy to confront childhood obesity.

In addition, Secretary O'Mara has led the largest investment in environmental infrastructure in the state's history, including more than \$200 million in wastewater and storm water systems, beach restoration, dam and dike repair, drainage projects, and park and wildlife area upgrades—all projects intended to prepare Delaware for current and emerging challenges.

He and his wife, Lindsay, live in Wilmington with their baby daughter, Riley Elizabeth.

SUSAN LOVE

Susan has been a Planner for the Delaware Coastal Programs since 1999 and has significant experience conducting collaborative initiatives to solve emerging coastal management issues. Currently, she is leading the development of a Statewide Sea Level Rise Adaptation Plan with an Advisory Committee composed of 25 diverse stakeholder groups. Previously, she worked to improve a range of urban social and environmental issues through the South Wilmington Special Area Management Plan and to ensure the longevity and productivity of bird nesting habitat through the Pea Patch Island Special Area Management Plan. Susan holds a B.S. in Agriculture and a Masters of Public Administration from the University of Delaware.

DORINA FRIZZERA

Dorina Frizzera is an environmental scientist with 30+ years of experience in environmental science research and management. In her role with the NJDEP Coastal Management Office, Dorina is responsible for developing and implementing projects funded through New Jersey's federally approved Coastal Zone Management Program (CZMP). Most recently, Dorina has directed the CZMP grant tasks with regard to coastal hazards, including those attributed to climate change and affecting coastal community vulnerability and adaptation. She directed the work of a NOAA fellow to implement two Coastal Program products: a Coastal Community Vulnerability Index and a local government characterization tool titled *Getting to Resilience*.

LANCE BUTLER

Lance Butler has been an employee of the Philadelphia Water Department's Office of Watersheds for thirteen years, managing the Environmental Restoration, Operation & Maintenance Program (EROM), a multidisciplinary group responsible for numerous field activities related to water quality monitoring and modeling, stream and wetland restoration, and federal and state permit compliance monitoring. Mr. Butler holds an undergraduate degree in Biology and Environmental Science from Gettysburg College, and has also completed his masters degree in Aquatic Biology at West Chester University. Mr. Butler is currently pursuing his PhD in Environmental Science at Drexel University, focusing on restoration ecology and bioremediation in aquatic ecosystems.

DR. DAVID BUSHEK

Dr. David Bushek is the Director of the Haskin Shellfish Research Laboratory at Rutgers University where he is also an Associate Professor of Marine and Coastal Sciences. He is an expert in shellfish ecology, parasitology and aquaculture, and is perhaps best known for his work on Dermo disease in the eastern oyster, which is native to the Atlantic Coast of North America. Dr. Bushek holds a Bachelor's degree in Zoology from Ohio State, a Master's in Biology from the University of Houston, and a Doctorate in Ecology and Evolution from Rutgers. He joined Rutgers and the Haskin Lab in 2003 and was appointed Director in April 2011.

ANDY KRICUN

Andrew Kricun is the Executive Director and Chief Engineer of the Camden County Municipal Utilities Authority, operators of an 80 million gallon per day wastewater treatment plant in Camden, NJ. He has over 25 years of experience in wastewater treatment and management. Mr. Kricun graduated from Princeton University with honors, with a degree in Chemical Engineering. He is also a licensed professional civil engineer and a Board Certified member of the American Academy of Environmental Engineers. Mr. Kricun

recently received the 2012 Praxis Award for Professional Ethics and a 2012 USEPA Environmental Quality Award as well.

DR. DANIELLE KREEGER

Dr. Danielle Kreeger is an ecologist with more than 25 years of experience working as a research scientist and educator. She currently serves as science director for the Partnership for the Delaware Estuary, where she represents the National Estuary Program's scientific interests by leading and participating in collaborative science and technical teams. Her other responsibilities include organizing a biennial Delaware Estuary Science and Environmental Summit and charting science, management, and restoration needs in the estuary. In addition to her work for the PDE, she maintains appointments as an associate research professor at Drexel University and a senior research scientist with The Academy of Natural Sciences of Drexel University.

SHAWN M. GARVIN

Shawn M. Garvin was named Regional Administrator of EPA Region III on November 5, 2009. EPA Region III includes the states of Delaware, Maryland, Pennsylvania, Virginia and West Virginia, and the District of Columbia. Shawn's career in intergovernmental affairs spans more than 20 years at the federal and local levels. Prior to being named RA, Shawn most recently served as the Senior State and Congressional Liaison for EPA Region III. In addition to his work at EPA, Shawn served as an aide to then Senator Joe Biden, D-Del., and worked on the staff of former New Castle County (Del.) Executive Dennis Greenhouse. Shawn is a native Delawarean and graduate of the University of Delaware. He lives in Wilmington with his wife and their son.

Panelist Profiles

JENNIFER ADKINS

As executive director of the Partnership for the Delaware Estuary, Adkins leads creative and collaborative efforts to protect the Delaware Estuary and its tributaries by forging partnership with a host of organizations and agencies, including two regional offices of the U.S. Environmental Protection Agency; three states, including Delaware, Pennsylvania, and New Jersey; major metropolitan municipalities like Philadelphia and Wilmington; and organizations and businesses spread 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 15 years.

DR. WENDY CAREY

Dr. Wendy Carey is the coastal processes/hazards specialist with Delaware Sea Grant's Marine Advisory Service at the University of Delaware. From 1998-2000, Wendy served as co-chair of Lewes' Project Impact initiative, "The City of Lewes Partnership to Build a Disaster Resistant Community." Since then she has provided support and assistance to the Lewes Mitigation Planning Team, especially on topics related to coastal storms and flooding. In 2010, Delaware Sea Grant partnered with the City of Lewes to develop a hazard mitigation and climate adaptation action plan which was adopted by the City in 2011. She is currently an at-large member of the Mitigation Planning Team, providing implementation guidance for prioritized strategies as identified in the adaptation action plan.

MATT MILLER

Matt Miller is the Water Quality Manager for the City of Wilmington, Delaware. In this role, he manages the City's drinking water lab and ensures compliance with drinking water regulations and requirements. He is also responsible for the City's source water protection program, and serves as the Water Department's Health and Safety Manager. Mr. Miller has a M.S. in Environmental Management from the University of Findlay, and is certified as both a Hazardous Materials Manager and a Water Treatment Operator. Mr. Miller is also adjunct faculty at Wilmington University, University of Phoenix, and Kaplan University, where he teaches courses in Environmental Science.

DR. JACLYN RHOADS

Jaclyn Rhoads joined Pennsylvania Sea Grant in 2008 as their Coastal Land Use and Outreach Specialist in Delaware County where she leads all climate policy and land use planning outreach. She received her doctorate degree in environmental policy from Drexel University in 2004, and now teaches Environmental Policy at the University. She was awarded Distinguished Adjunct Faculty by Philadelphia University in 2008 after teaching with the university for four years. Dr. Rhoads is currently the project leader for the City of Chester's climate adaptation planning project, and worked directly with the City's planning department in adopting sustainability measures for climate mitigation and adaptation in their Vision 2020 plan.

BEN STOWMAN

Ben Stowman is the land use board chairman for Maurice River Township, and has served on the board since 1988. Mr. Stowman and his wife have been residents of Maurice River Township for the last thirty-four years, and have five grown children. Mr. Stowman's hobbies include hunting and fishing from the Maurice River. He has a bachelor's in economics from Ursinus College, and is a manager at Prudential/DIT, where he has worked for the last 38 years.