

Sustainable Raritan River Mini-Conference

Duke Farms, Coach Barn, Hillsborough

December 5, 2013

Speakers and Moderators

Thom Almendinger

Director of Stewardship, Duke Farms Foundation

Thom Almendinger is the Director of Stewardship for the Duke Farms Foundation in Hillsborough, NJ. At Duke Farms, he has developed and continues to direct a large-scale landscape restoration program on the 2,740-acre property that includes a range of habitats fostering nearly 30 species of wildlife, listed as threatened and endangered in New Jersey. The Stewardship Team hosts a number of applied research projects in partnership with research universities, institutions, private firms and other foundations.

Thom currently serves on the Hillsborough Environmental Commission and the Advisory Board for the Rutgers University EcoPreserve. He also serves as the Vice President of The Wildlife Society's New Jersey Chapter. Thom is a Certified Ecologist through the Ecological Society of America.

His research interests include plant-herbivore interactions, particularly between overabundant white-tailed deer and invasive plants, restoration of degraded habitats, and conservation of threatened/endangered species.

Thom holds an A.S. in Forestry from SUNY-Environmental Science and Forestry, a B.S. in Ecology and Natural Resources from Cook College of Rutgers University, and an M.S. in Ecology and Evolution from School of Environmental and Biological Sciences-Rutgers University.

Anthony Broccoli

Co-Director, Rutgers Climate Institute, School of Environmental and Biological Sciences, Rutgers, the State University of New Jersey

Tony Broccoli is professor of atmospheric science in the Department of Environmental Sciences at Rutgers University. Tony's primary research interest involves climate dynamics, especially the simulation of past climates and climate change. He is Chief Editor of the Journal of Climate, and he has been active with the Intergovernmental Panel on Climate Change (IPCC). Prior to joining the Rutgers faculty, Tony had worked for 21 years at the National Oceanic and Atmospheric Administration (NOAA) Geophysical Fluid Dynamics Laboratory in Princeton, one of the world's premier climate modeling centers. He is a Fellow of the American Meteorological Society and of the American Association for the Advancement of Science.

Michael Catania

Executive Director, Duke Farms Foundation

Michael Catania is the new Executive Director of the Duke Farms Foundation, which operates the 2,742 acre property that served as the principal residence for the late philanthropist Doris Duke. The mission of Duke Farms is to be a model of environmental stewardship for the 21st century, and to inspire visitors to become informed stewards of the land. Michael is also the founder and President of Conservation Resources Inc., a non-profit conservation group which provides financial and technical assistance to the

conservation community in New Jersey. Earlier in his career, he served as Deputy Commissioner of the NJ Department of Environmental Protection under three Commissioners and two Governors.

Michael began his career with the non-partisan NJ Legislative Services Agency, where he drafted many of New Jersey's landmark environmental laws, including the Pinelands Protection Act, several of the Green Acres Bond Acts, the Conservation and Historic Preservation Restriction Act, and the Spill Compensation and Control Act. Michael also served as in-house counsel at NJDEP, where he established NJDEP's Division of Regulatory Affairs and oversaw the development and enforcement of all NJDEP rules and regulations. Michael was also the Executive Director of The Nature Conservancy of New Jersey for 12 years, where he was instrumental in preserving some 45,000 acres, creating a system of 36 nature preserves throughout the state, and in completing the largest conservation capital campaign ever undertaken in New Jersey.

Michael currently serves as the long-time chair of the New Jersey Natural Lands Trust, as President of a local land trust, the Schiff Natural Lands Trust, Inc., and as Board Chair for Greener New Jersey Productions, a new non-profit organization which produces films and web-based products on parks, natural areas and farming here in the Garden State. Michael holds a B.A. in Political Science from Livingston College, an M.A. in Political Science from Rutgers University, as well as a JD from Rutgers School of Law in Camden. He currently resides in Mendham Township, Morris County, New Jersey, where he and his wife Jan Rosenfeld own and operate a permanently preserved farm which demonstrates both sustainable agriculture and ecological restoration.

Anne Heasley

Vice President, Conservation Resources & RPWHP Coordinator

Anne Heasley, who serves as the CRI's Vice President for Consulting Programs, is a proven conservationist with extensive experience in all aspects of land acquisition and stewardship. Anne is the lead as Coordinator for the Raritan Piedmont Wildlife Habitat Partnership (RPWHP), a coalition of local governments and nonprofit conservation groups in the Central New Jersey Piedmont region. This effort specializes in working collaboratively between conservationists and local landowners, especially farmers, to identify and implement innovative ways to provide farmers with access to preserved lands to produce wildlife-friendly crops while also restoring grasslands, forests and riparian areas that provide critical habitat for wildlife. From 1992 to 2005, Anne worked for The Nature Conservancy in New Jersey. While with TNC, Anne was responsible for leading conservation and ecosystem planning efforts and for planning and launching two separate community-based conservation programs in the Delaware Bayshores region, as well as the Pinelands area. Anne has a Masters of Landscape Architecture and a Certification in Urban Design from the University of Washington. She earned her Bachelor of Science in Natural Resources from Cornell University and is a certified Landscape Architect in the State of Maryland and New Jersey. She is also a member of the American Institute of Certified Planners.

Jeanne Herb

Associate Director, Environmental Analysis and Communications Group, E.J. Bloustein School of Planning and Public Policy, Rutgers, the State University of New Jersey

Jeanne Herb serves as the Associate Director of the Bloustein School's Environmental Analysis and Communications Group where she leads a variety of projects and programs related to environmental policy and sustainability including projects related to climate change adaptation and preparedness, mitigation of greenhouse gas emissions within the transportation sector in the Mid-Atlantic and northeast, regional ocean planning in the Mid-Atlantic, health in all policies and health impact

assessment and post-Sandy disaster recovery and planning. Prior to joining the Bloustein School, Jeanne was Assistant Commissioner for Policy, Planning and Science at the New Jersey Department of Environmental Protection. While at NJDEP, she oversaw programs related to climate change, environmental justice, sustainable development and “green” design, state planning, environmental health tracking, smart growth, and coastal and ocean policy. Jeanne began her career at NJDEP in the mid 1980’s through the late 1990’s when she was engaged in the state’s landmark Worker and Community Right to Know and Pollution Prevention Acts. In between her two “tours of duty” at NJDEP, Jeanne spent six years as the Manager of the public policy program at Tellus Institute, a Boston-based nonprofit consulting “think-do” tank which focuses on environmental policy, sustainable development, corporate governance and energy planning. She holds a BA degree from Rutgers University and an MA from New York University.

John Jengo

Principal Hydrogeologist, MWH Americas, Inc. & Dam Removal Project Manager

John W. Jengo, PG, a licensed Professional Geologist in several Northeastern states and a Licensed Site Remediation Professional in New Jersey, works as a Principal Hydrogeologist in an environmental consulting firm in southeastern Pennsylvania. He has degrees in geology from Rutgers University (1980) and the University of Delaware (1982). Over the last 20 years, he has lead the characterization and remediation of large, complex contaminated industrial sites throughout New Jersey, Pennsylvania, and Delaware. He played a key role in the groundbreaking Natural Resource Damage (NRD) legal settlement that lead to his role as Project Manager for a series of dam removal projects specifically designed to restore historically significant anadromous fish passage up the Raritan River in central New Jersey, the state’s largest watershed and longest interior river system. As part of this on-going effort, he has successfully planned, permitted, and executed the removal of the Calco Dam in July-August 2011, the Robert Street Dam in July-August 2012, and the Nevius Street Dam in July 2013, and has filmed/edited video documentaries for each of the projects.

William Kibler

Director of Policy and Science, Raritan Headwaters Association

Bill Kibler was the Executive Director of the South Branch Watershed Association from 2005 until RHA was created in 2011. An attorney (JD, Syracuse University) who specializes in environmental law, he served as an Officer with the Army Corps of Engineers after graduating from the United States Military Academy. Bill is also Chief of the Califon Fire Department and serves on the New Jersey Highlands Coalition Policy Committee and the Raritan Basin Watershed Alliance.

Richard G. Lathrop, Jr.

Director, Grant F. Walton Center for Remote Sensing & Spatial Analysis

Rick Lathrop has been a professor in the Department of Ecology, Evolution & Natural Resources, School of Environmental & Biological Sciences, Rutgers University since 1989 and has served as Director of the Walton Center for Remote Sensing & Spatial Analysis since 1999. The mission of the Walton Center is advancing the development and application of geospatial information science and technology to address issues in the environment, agriculture and natural resources.

He received his doctorate from the University of Madison – Wisconsin in 1988 for The Integration of Remote Sensing and Geographic Information Systems for Great Lakes Water Quality Monitoring. He

holds an MS in Environmental Monitoring and an MS in Forestry from the University of Wisconsin-Madison and a BA in Biology from Dartmouth College.

Sara Malone

Research Associate, the Sustainable Raritan River Initiative, Rutgers, the State University of New Jersey

Sara Malone is a Research Associate in the Environmental Analysis and Communications Group of the Edward J. Bloustein School of Planning and Public Policy at Rutgers, the State University of New Jersey where she administers the Sustainable Raritan River Initiative. She is an experienced project manager with a background in fiscal management, landscape design, and land use planning. Before joining the Initiative Sara was Director of Finance and Human Resources for Rainier Investment Management, Inc., in Seattle, Washington. She is a brown-thumb gardener with an interest in promoting urban biodiversity and she is a member of the Franklin Township Shade Tree Commission in Somerset County. Ms. Malone holds a Bachelor of Science from the University of Massachusetts/Boston and she received a Master of Environmental Studies from the University of Pennsylvania in 2012 where her academic focus was on ecology, wetlands restoration, and damaged lands reuse.

Debbie Mans

Baykeeper and Executive Director, NY/NJ Baykeeper

Debbie Mans has been Baykeeper and Executive Director since April 2008. NY/NJ Baykeeper is the citizen guardian of the Hudson-Raritan Estuary. Prior to joining NY/NJ Baykeeper, Debbie was the Environmental and Energy Policy Advisor for NJ Governor Jon S. Corzine. Debbie is a graduate of The University of Michigan and holds a J.D. from Vermont Law School. She is the Chair of the New Jersey League of Conservation Voters, Treasurer of the New Jersey League of Conservation Voters Education Fund, and a board member of New Jersey Future.

Patricia Ruby

Executive Director, Hunterdon Land Trust

Patti Ruby joined the Hunterdon Land Trust in 2012 as the Executive Director. She comes to the land trust from the Sustainability Institute at The College of New Jersey where she served as program manager of the award-winning Sustainable Jersey program.

In addition to working with the NJ Sustainable State Institute at Rutgers University, she has experience with several land trusts including the Lamington Conservancy and the Raritan Headwaters Association (formerly the Upper Raritan Watershed Association). She holds a Master's Degree in Environmental Management from the Yale School of Forestry and Environmental Studies, where she focused on planning, policy and sustainable development.

Bill Schultz

Raritan Riverkeeper

Bill Schultz founded the Raritan RIVERKEEPER program fifteen years ago after working on a NY/NJ BAYKEEPER water quality monitoring program and starting the Baykeeper Boat Auxiliary. He is a retired Captain and shift commander from a career fire service, a certified hazardous materials technician and instructor in water rescue. Schultz has founded or served on various underwater search and recovery teams. He has also been a volunteer with the Marine Mammal Stranding Center for over twenty years.

Judith Auer Shaw

Director, Sustainable Raritan River Initiative, Rutgers, The State University of New Jersey

Judy Shaw joined the staff at the E.J. Bloustein School of Planning & Public Policy, Rutgers University after a career with the New Jersey’s Departments of Environmental Protection and Community Affairs. She currently serves as Project Director for the Sustainable Raritan River Initiative and also conducts research in the fields of redevelopment and security management. Her career spans research and practice in risk communication, urban environmental planning, public participation and site remediation. Her career in public service includes Deputy Director of the Office of Neighborhood Empowerment for the Department of Community Affairs, NJDEP’s Urban Coordinator and the first Administrator of the NJDEP Office of Brownfield Reuse, which she directed for two years. In 2004, she led the Office of Community Relations and was chair of the Public Participation in Site Remediation Task Force. She is active in the New Jersey Chapter of the American Planning Association and serves on the Burlington County Agricultural Development Board. Judy studied at Indiana University and the University of Michigan before earning her doctorate in Urban and Environmental Planning from Rutgers, The State University of New Jersey.

James Waltman

Executive Director, Stony Brook-Millstone Watershed Association

Jim Waltman has served as Executive Director of the Watershed Association since April 2005. He regularly speaks at community events and municipal meetings throughout central New Jersey, serving as a go-to resource for government officials and community leaders on how to best protect clean water and the environment throughout the region. Prior to joining the Watershed Association, Jim was director of the refuges and wildlife program for the Wilderness Society in Washington D.C. For 10 years he represented the Society on issues relating to the National Wildlife Refuge System, Alaska public lands, endangered species, and other wildlife matters. He spent five years as a wildlife specialist at the National Audubon Society before joining the Wilderness Society. Jim has a biology degree from Princeton University and a Master of Environmental Studies from the Yale School of Forestry and Environmental Studies.