



Presenter Biographies

Paul Angermeier

*Research Scientist, USGS Cooperative Fish & Wildlife Research Unit
Professor, Virginia Tech*

Dr. Angermeier received his PhD in 1983 from University of Illinois. He is currently a Research Scientist in the Virginia Cooperative Fish & Wildlife Research Unit and a Professor in Virginia Tech's Department of Fish & Wildlife Conservation. His research interests include ecology and conservation of fishes, use of biotic communities in assessing ecosystem quality, and delivery of aquatic ecosystem services.

Liz Baird

Director of Education, NC Museum of Natural Sciences

Liz Baird works to enhance and improve science education across the state by providing learning opportunities for students, teachers, and the general public at the Museum, on school grounds, and in the field. In addition to initiating the NC Shad in the Schools project with the US Fish and Wildlife Service, Liz founded international Take A Child Outside week, now held in 50 states and 4 foreign countries. She also helps lead educator trips to Belize and Peru, and participates in deepwater coral research. Liz is the current chair of the NC Sea Grant Advisory Board.

Jessi Baker

Habitat Alteration Permit Reviewer, NC Division of Marine Fisheries

Jessi Baker has been reviewing and commenting on permit applications as a part of the Habitat Section of DMF for two years. She also contributes to the updating of the Coastal Habitat Protection Plan and the designation of Strategic Habitat Areas.

Brian Boutin

STAC

Climate Adaptation Project Director, The Nature Conservancy

Dr. Boutin holds a BS in Marine Biology from the University of North Carolina at Wilmington and a PhD in Marine Bioscience from the University of Delaware. He serves as director of a coastal climate adaptation project undertaken by The Nature Conservancy in the Albemarle-Pamlico region.

Peter Campbell

Wildlife Biologist, U.S. Fish and Wildlife Service

A graduate of North Carolina State University, over the past twenty years Pete Campbell has held positions with the US Fish and Wildlife Service and the US Geological Survey in North Carolina. He is currently a Wildlife Biologist in the US Fish & Wildlife Service's Ecological Services Field Office in Raleigh. In this capacity he also serves as Co-Chair of the Eastern NC/Southeastern VA Strategic Habitat Conservation Team.

Dean Carpenter

Program Scientist, Albemarle-Pamlico National Estuary Program

Dr. Carpenter has been a member of the APNEP team since late 2003. His major organizational responsibility as Program Scientist is coordinating and administering the partnership's Science & Technology Initiative, including staff support to the Science & Technical Advisory Committee and six natural resource monitoring & assessment teams.

D. Reide Corbett

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Professor, Department of Geological Sciences, Institute of Interdisciplinary Coastal Science and Policy, East Carolina University

Dr. Corbett is coastal oceanographer/marine geochemist with an overall scientific interest in understanding the cycling of biologically active constituents (e.g., carbon, nitrogen, phosphorus) in coastal and open ocean environments. Recent research has focused on the role humans and nature play in shaping the coastal zone.

Lisa Cowart

Environmental Specialist, NC Division of Coastal Management

After graduating from the University of Florida with a BS in Environmental Science, Lisa Cowart pursued a MS at East Carolina University. She has performed shoreline change research for the Defense/Coastal Estuarine Research Program at the NOAA Center for Coastal Fisheries and Habitat Research. When that project ended, she began working on the Estuarine Shoreline Mapping Project and performing other GIS-related work for the NC Division of Coastal Management.

Tom Crawford

STAC

Associate Professor of Geography, East Carolina University

Dr. Crawford holds a PhD in Geography from UNC-Chapel Hill and specializes in human dimensions applications of Geographic Information Science. His research has explored human population and land use change in coastal North Carolina and coastal hazards including hurricane risk, shoreline erosion, and sea level rise.

Maurice Crawford

STAC

Associate Professor of Marine and Environmental Science

Elizabeth City State University

Dr. Crawford is Associate Professor in the Biology Department at Elizabeth City State University and coordinates the Marine & Environmental Science program. His research interests include fish ecology, estuarine habitat conservation and restoration; the dispersal and movement of organisms, and natural resource policy.

Bill Crowell

Director, Albemarle-Pamlico National Estuary Program

Dr. Crowell has been the director of the Albemarle-Pamlico National Estuary Program since 2002. In addition to over two decades of environmental policy and research experience, he earned a PhD in Sustainability Education and a Master of Science in Resource Management. Additionally, he is a certified planner and environmental educator.

Anne Deaton

Habitat Protection Section Chief, NC Division of Marine Fisheries

Anne Deaton has worked with the North Carolina Division of Marine Fisheries for 12 years as a marine fisheries biologist and has served as section chief in charge of habitat protection for the past 3 years.



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Melissa Dowland

Teacher Education Specialist, NC Museum of Natural Sciences

As Teacher Education Specialist, Melissa Dowland has coordinated and implemented numerous educator workshops, worked with teachers at their schools to become more comfortable in using the outdoors to teach, and installed wildlife habitat at schools across the state. She has managed the Shad in the Classroom program for the past year and half in conjunction with other educators at the Museum.

Lindsay Dubbs

Postdoctoral Researcher, UNC Institute of Marine Sciences

Dr. Dubbs is a postdoctoral researcher at the UNC Institute of Marine Sciences and a lecturer at the UNC Institute for the Environment's Albemarle Ecological Field Site in Manteo. She received a PhD and MS in environmental science from the Gillings School of Global Health at the University of North Carolina at Chapel Hill and a BS in biology and environmental science from Tufts University. Her research interests include biogeochemical processes that influence climate and environmental impacts of ocean energy generation.

Donald Field

STAC

Fishery Biologist (Research)

NOAA/NOS - Center for Coastal Fisheries and Habitat Research

Since 1991, Dr. Field's research has focused on quantifying fish habitat, with an emphasis on coral and seagrass habitats. He is particularly interested in North Carolina's vast submerged aquatic vegetation resources and how they change over time.

Erin Fleckenstein

STAC

Coastal Scientist, North Carolina Coastal Federation

Erin Fleckenstein is a Coastal Scientist at the North Carolina Coastal Federation. She oversees NCCF wetland, stormwater, hydrologic, oyster and shoreline restoration projects. She is the project manager for the landscape-scale hydrologic restoration plan in Hyde County, responsible for project oversight and coordination between multiple partners.

Joel Fodrie

STAC

Assistant Professor, University of North Carolina at Chapel Hill

Dr. Fodrie is an assistant professor of fisheries ecology at UNC-IMS. He has published more than 15 papers examining oyster communities or estuarine finfishes. Having grown up in NC as a recreational fisherman, he has cultivated a deep interest in coastal resource issues.

Scott Gentry

Project Manager, Albemarle-Pamlico National Estuary Program

Scott Gentry's primary responsibilities as Project Manager for APNEP are to provide staff support for implementation and updating of the Comprehensive Conservation and Management Plan and to manage APNEP-supported projects and grants. Scott has a Master of Urban and Regional Planning degree from Virginia Tech and graduated from NC State University with a Bachelor of Science degree in Civil Engineering. He has a background in environmental planning and watershed management.

Mary Giorgino

Water Quality Specialist

US Geological Survey North Carolina Water Science Center

Mary Giorgino has worked with the US Geological Survey for 19 years and currently is the Water-Quality Specialist for North Carolina. Prior to working with the USGS, Mary worked with the North Carolina Division of Water Quality, where she led studies of lakes, estuaries, and coastal marinas. Mary holds a BS from Tusculum College and an MS from the University of Notre Dame, which she attended as a National Science Foundation Research Fellow.

Nathan Hall

Postdoctoral Research Associate, UNC Institute of Marine Sciences

Dr. Hall's research focuses on understanding the myriad of factors governing the biomass and composition of estuarine phytoplankton communities. He received his BS from Duke University and PhD from the University of North Carolina at Chapel Hill in 2009.

Kevin Hart

Habitat Alteration Permit Reviewer, NC Division of Marine Fisheries

Kevin Hart has been reviewing and commenting on permit applications as a part of the Habitat Section of DMF for two years. He also contributes to the the updating of the Coastal Habitat Protection Plan and the designation of Strategic Habitat Areas.

Kirk Havens

PB, STAC

Director, Coastal Watersheds Program

Virginia Institute of Marine Science

Dr. Havens received his Bachelor's Degree and Master's Degree from Old Dominion University in Biology and Oceanography. He received a Doctorate from George Mason University in Environmental Science and Public Policy. His research has spanned topics as diverse as hormonal activity in blue crabs to tracking black bears and panthers using helicopters and thermal imaging equipment. Dr. Havens is presently working on projects involving invasive plant species and indicators of aquatic and wetland health for the Mid Atlantic region of the United States, adaptive and ecosystem based management in restoration activities in both the Chesapeake Bay and the Albemarle-Pamlico estuary, and the impact of derelict blue crab traps in the Chesapeake Bay.

Carl Hershner

Director, Center for Coastal Resources Management

Virginia Institute of Marine Science

Dr. Hershner has been involved in implementation and assessment of ecosystem-based management in environmental restoration programs across the United States. He and his colleagues in the Center for Coastal Resources Management have been very involved in the APNEP effort to implement an EBM approach to the new CCMP.



Presenter Biographies

Todd Janeski

*Manager, Virginia Healthy Waters Initiative
Virginia Commonwealth University and Virginia DCR*

Todd Janeski, of Virginia Commonwealth University, is managing the VA Healthy Waters Initiative and the VA Coastal NPS Program at the VA Department of Conservation and Recreation. His interests are water quality, land use changes, and community engagement. He recently published “Forging the Link: communicating the economic and climate change benefits of LID.”

David Jasinski

Vice President, Chesapeake Environmental Communications

Dave Jasinski obtained his Masters in Estuarine Ecology from the University of Maryland. He is co-owner of Chesapeake Environmental Communications, an environmental consulting company in Gloucester, Virginia. He has over 20 years experience monitoring, analyzing and communicating ecosystem health.

Whitney Jenkins

*Coastal Training Program Coordinator
NC Coastal Reserve/National Estuarine Research Reserve*

Whitney Jenkins has a BS in Environmental Science from the University of Florida and a Master of Environmental Management from Duke University. She has been the Coastal Training Program Coordinator for the NC National Estuarine Research Reserve since 2002. The Coastal Training Program’s goal is to promote informed decisions through science-based training for professionals.

Christine Jensen

Marine Fisheries Biologist, NC Division of Marine Fisheries

Christine Jensen has worked with the North Carolina Division of Marine Fisheries for almost 8 years as a marine fisheries biologist. She currently works with the habitat protection section as a writer for the Coastal Habitat Protection Plan.

Joseph Kalo

Graham Kenan Professor of Law, UNC School of Law

Joseph Kalo is Graham Kenan Professor of Law at the UNC School of Law and Co-Director of the NC Coastal Resources Law, Planning and Policy Center. The Center’s projects include legal and policy research for the Waterfront Access Study Committee, participation in the UNC Wind Study, a 2009 study on emerging ocean resource issues, and its annual “Shape of the Coast” program. In 2010, the Center began its study of emerging estuarine shoreline issues.

Andy Keeler

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*Professor, East Carolina University
Program Head, UNC Coastal Studies Institute*

Dr. Keeler is an economist who held faculty positions at Ohio State and University of Georgia before joining UNC-CSI and ECU in 2010. He has worked at the President’s Council of Economic Advisers and USEPA, and was on the White House climate change policy teams under both President Clinton and President Bush. He has a PhD in Resource Economics from UC-Berkeley.

David Knight

PB

*Assistant Secretary for Natural Resources
NC Department of Environment and Natural Resources*

David Knight is the Assistant Secretary for Natural Resources. David has a bachelor’s degree in political science from UNC-Chapel Hill and a law degree from Wake Forest University Law School. Before becoming Assistant Secretary for Natural Resources, David worked for the NC Nature Conservancy for 4.5 years as its Director of Government Relations. Prior, he worked as a lobbyist and consultant for such organizations as the NC Sierra Club, the Trust for Public Land, NC Wildlife Federation and NC Planning Association.

Joseph Luczkovich

Associate Professor, East Carolina University

Dr. Luczkovich was educated at Lehigh University, Rutgers University, and The Florida State University, where he earned a PhD studying the fishes living in seagrasses, an important nursery habitat for many economically important fish species. Since 1990, he has conducted research at ECU on seagrasses, fish bioacoustics, and food webs.

Benjamin Peierls

Postdoctoral Research Associate, UNC Institute of Marine Sciences

Dr. Peierls received an AB from Cornell University and a MS and PhD in Marine Sciences from UNC-Chapel Hill and is currently a postdoctoral research associate at UNC’s Institute of Marine Sciences. His research interests include the ecology of estuarine plankton and estuarine water quality.

Michael Piehler

STAC

Associate Professor, UNC Institute of Marine Sciences

Dr. Piehler holds a dual appointment as an Associate Professor at the UNC Institute of Marine Sciences and as Head of the Program in Estuarine Ecology and Human Health at the UNC Coastal Studies Institute. His research focuses on material transport and processing and microbial communities at the coastal land-water interface.

Tony Reevy

PB

Senior Associate Director, UNC Institute for the Environment

Tony Reevy is a graduate of North Carolina State University, UNC-Chapel Hill and Miami University. He is a David P. Morgan Award winner (2006) and a Pushcart Prize nominee. His previous publications include poetry, non-fiction and short fiction, including the non-fiction book *Ghost Train!*, and the poetry chapbooks *Green Cove Stop*, *Magdalena*, *Lightning in Wartime*, and *In Mountain Lion Country*. His book on the photography of O. Winston Link is pending from Abrams Books in fall 2012. Tony is currently Chair of the Policy Board for the Albemarle-Pamlico National Estuary Program and also serves on the Boards of NC Rail-Trails and the Durham Museum of History.



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Lisa Schiavinato

Law, Policy and Community Development Specialist, NC Sea Grant

Lisa Schiavinato is the Law and Policy Specialist for NC Sea Grant and Co-Director of the NC Coastal Resources Law, Planning, and Policy Center. Schiavinato conducts research and outreach on ocean and coastal law issues, working with communities, state and local government agencies and the NC General Assembly. She is also adjunct professor at ECU, where she lectures on ocean and coastal law/policy. Schiavinato is the current president of The Coastal Society.

Tim Spruill

Hydrologist

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Tim Spruill, a hydrologist with the US Geological Survey for 28 years, conducted water quality studies on effects of agriculture and mining on ground-water and surface-water quality. Since retiring in 2006, he has been an active member of the APNEP Science and Technical Advisory Committee and is currently its co-chair.

David Sybert

Education Associate, UNC Coastal Studies Institute

David Sybert is responsible for communicating the research and activities of the UNC Coastal Studies Institute to an assortment of audiences including local government officials, university faculty, teachers, K-12 students and the general public.

Amy Villamagna

*Lecturer, Sustainable Development & Conservation Biology Program
University of Maryland*

Dr. Villamagna received her PhD in 2009 from Virginia Tech. She is currently a Lecturer in University of Maryland's Sustainable Development & Conservation Biology Program and a Research Scientist in Virginia Tech's Department of Fish & Wildlife Conservation. Her research interests include conservation biology, ecosystem services, freshwater ecology, invasive species, sustainable development, ecological impacts of climate change, and environmental policy.

Christine Voss

Postdoctoral Research Associate, UNC Institute of Marine Sciences

Dr. Voss is a postdoctoral research associate at University of North Carolina at Chapel Hill Institute of Marine Sciences. Her research interests include exploring the ecology of and elucidating the ecosystem services rendered by coastal and estuarine habitats.

J.P. Walsh

Associate Professor, Department of Geological Sciences, Institute of Interdisciplinary Coastal Science and Policy, East Carolina University

Dr. Walsh received his PhD in 2001 from the University of Washington. His professional interests include the modern and ancient processes influencing the seabed and sedimentary record of continental margins. This research is important to examining the fate of pollutants and runoff, assessing carbon sinks for climate studies, quantifying natural resources like sand for beach nourishment, evaluating biological habitats, identifying and extracting petroleum, and protecting our nation's coastlines.

Allison Schwarz Weakley

Conservation Planner, NC Natural Heritage Program

Allison Schwarz Weakley is the Conservation Planner for the North Carolina Natural Heritage Program, and oversees the development and implementation of a statewide conservation planning effort to identify, evaluate, and prioritize an interconnected network of important natural resources that are critical to maintaining ecological health and functions in North Carolina.

Nancy M. White

Director, UNC Coastal Studies Institute

Dr. White grew up in the APNEP watershed as a "Native" to southeast Virginia and northeast North Carolina. She was a small business owner (landscape design/ build) in the Triangle for 15 years. Academia is a second career fostered due to concerns about water quality, particularly on the coast. Dr. White holds a BA from UNC-Chapel Hill and an MLA (Landscape Architecture) and PhD in Forestry from NC State. Her academic work is focused the relationships between land use, water quality and water quantity issues. She previously served as Research and Extension Director at the College of Design at NCSU and is currently the Director of the UNC Coastal Studies Institute. Dr. White is academically proudest of receiving an NC State Outstanding Extension Service Award.

Jessica Whitehead

Regional Climate Extension Specialist

NC Sea Grant and SC Sea Grant Consortium

Dr. Whitehead is the regional climate extension specialist for North Carolina Sea Grant and the South Carolina Sea Grant Consortium. She is also a co-Principal Investigator for the Carolinas Integrated Sciences and Assessments program at the University of South Carolina.

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PB =APNEP Policy Board

STAC =APNEP Science and Technical Advisory Committee

