

**Chesapeake Bay Program Coordinator – Lead:**

DoD Chesapeake Bay Program (CBP), Norfolk VA

05/28/18 to present

Serves as the Lead DoD Chesapeake Bay Program Coordinator. Collects and compiles project and program information and key performance metrics, including water quality BMPs, TMDL Progress and climate resilience efforts affecting water quality, for 130 installations and annexes in five states and the District of Columbia across 400,000 acres of the Chesapeake Bay Watershed. Directs the exchange of information between the Department of Defense (DoD) and the Chesapeake Bay Program (CBP) Partnership states and agencies on Bay-related policy. Enhances collaborative efforts within the DoD and CBP Partnership and facilitates greater participation of Natural Resources Media and program managers in relevant CBP initiatives. Participates actively on Chesapeake Bay Program Goal Implementation Teams and Work Groups in focus areas including Water Quality, Habitat, Wetlands, Stewardship, Communication, Sustainable Fisheries, Toxic Contaminants and Climate Resilience. Represents the DoD on the CBP Partnership's Management Board, Federal Facilities Workgroup, and as co-chair of the Federal Office Directors. Provides scientific and technical support to the Commander Navy Region Mid-Atlantic, who serves as an active member of the Chesapeake Bay Commission.

**Natural Resource Manager: Naval Station Norfolk, VA**

4/1/18 – 5/27/18

Multi-hatted position, providing NEPA, Cultural Resources, and Natural Resources services to Naval Station Norfolk. Took promotion to work with the DoD Chesapeake Bay Program.

**Environmental Impact Review Coordinator: Navy Region Mid-Atlantic**

04/16 to 4/1/18

Managed a regional National Environmental Policy Act (NEPA) environmental impact review process and collaborated with a team of subject matter experts in Air Quality, Water Quality, Wetland, MS4, Stormwater, Wastewater, Endangered Species, Coastal Zone Management, Cultural Resources, Marine Mammal, Essential Fish Habitat, Hazardous Waste, Environmental Restoration, Installation Natural Resource Managers, and Petroleum/Oil/Lubricant (POL) to assess the environmental impacts of shore command operations, training, and major and minor repair and construction.

**Executive Director of the Norfolk Environmental Commission and Keep Norfolk Beautiful (Recycling Coordinator) -**

City of Norfolk, Department of Public Works

08/14 to 04/16

Served as the Executive Director of Keep Norfolk Beautiful (KNB), a Keep America Beautiful affiliate. Managed environmental, beautification, recycling, and litter prevention programs including creation, planning, and implementation processes. Collaborated with a team and a variety of partners, including citizens, special interest groups, NGOs, other governmental agencies, and city staff (including executive and management teams) to implement City priorities. Coordinated with the State Coastal Zone Management program regarding the prevention of litter and marine debris.

**Environmental Engineer: City of Norfolk, Department of Planning, Bureau of Environmental Services**

11/95 to 08/14

Served on the Chesapeake Bay Program Goal Implementation Team and Shoreline Management Total Maximum Daily Load Expert Panel. Managed Norfolk's Tidal Wetlands and Dune Permit programs. Managed the plan review and policy implementation of the Chesapeake Bay Preservation Act to prevent increases in stormwater pollution. Reviewed and approved fill and land disturbing activity permits.

Reviewed erosion and sediment control plans and modified as necessary to comply with Virginia Erosion and Sediment Control Handbook engineering standards. Coordinated with citizens and provided technical assistance to community-based efforts to facilitate volunteer engagement in environmental restoration. Served on the US Army Corps of Engineers wetland restoration subcommittee; participated in regional and national (Navy/DOD) workshops on sea level rise impacts and worked with the Planning Department on adaptive management strategies to deal with rising seas and living with anticipated inundation levels. Conducted environmental enforcement activities pursuant to Norfolk's Fill, Wetland and Sand Dune, Erosion and Sediment Control, and Zoning Ordinances.

**Endangered Species Biologist: US Fish and Wildlife Service, Division of Ecological Services**

7/94 to 11/95

Lead the USFWS Endangered Species Act Section 7 permitting program for coastal species in New York with primary species of concern: piping plover, seabeach amaranth, roseate tern, peregrine falcon, and sandplain gerardia.

**Marine Resource Specialist II: New York State Department of Environmental Conservation, Bureau of Marine Habitat Protection**

8/90 to 8/94

Implemented programs to achieve, maintain, and monitor environmental compliance pursuant to New York State's erosion and sediment control laws, Uniform Procedures Act and with 6NYCRR Part 661: Tidal Wetlands Land Use Regulations. Worked as a team and coordinated with local and federal regulatory agencies including the US Army Corps of Engineers (COE), and reviewed projects for consistency with state coastal zone management programs.

**Marine Resource Specialist I: New York State Department of Environmental Conservation  
Bureau of Finfish and Crustaceans**

5/88 to 8/90

Identified tidal wetland and marine waterfront public access sites for a state acquisition program. Acted as a liaison between the State and a diverse group of private landowners. Negotiated with landowners for the acquisition of their property for preservation purposes.

**Senior Marine Resource Technician: New York State Department of Environmental Conservation  
Bureau of Finfish and Crustaceans**

7/86-5/88

Collected fisheries field data and performed data analysis to assess New York State's fluke and flounder fishery management strategies and assist in striped bass, weakfish, sea robin, oyster, and lobster management activities. Acted as a liaison and important public relations link between the Department, its various regional offices and policies, and recreational marine anglers.

**SPEAKING ENGAGEMENTS**

American Planning Association - DoD CBP Climate initiatives

Environment Virginia – DoD Efforts to Protect and Restore the Chesapeake Bay

National Military Fish and Wildlife Association Symposium - Meeting the Mission: A Cooperative Approach to Achieve CBP and Natural Resource Goals

DoD Climate Workshop – DCAT Applications for Sentinel Landscape Development

CBC VA Delegation Meeting – Climate Resilience Projects at Naval Weapon Station Yorktown

LGAC – DoD CBP Program Overview and Ways to Collaborate

FOD – 2022-2023 Water Quality Milestones Related to Climate Resilience

DoD Commanders Conference – DoD CBP annual accomplishments (including BMP data submission and TMDL FPG progress), climate resilience initiatives, etc.  
Challenges & Solutions to Living Shoreline Implementation - Mid-Atlantic Living Shoreline Summit  
Living Shorelines (case studies) - American Public Works Association  
Living Shoreline Webinar Presenter - Association of State Wetlands Managers  
Environmental Regulation and Restoration - Chinese Delegation, Triway International Group  
Living Shoreline Implementation - Mentoring Young Scientists program, Virginia Marine Science Museum, City of Virginia Beach  
Practical Uses of Geographic Information Systems (GIS) in Marine Regulatory Work - Old Dominion University  
Virginia Institute of Marine Science - Wetland Workshop  
Citizens' Wetlands Education Workshop  
Lynnhaven River Now Wetlands Workshop  
Norfolk Stormwater Department Business Partner Lecture Series  
Chesapeake Bay Foundation VoiCeS Training and Green Breakfast Lecture Series  
Norfolk Master Gardener Training  
Conservation District Employee Training  
Hermitage Wetland Gardening Workshop  
Virginia Lakes and Watersheds Association Conference  
Society of Wetland Scientists Annual Conference  
United States Army Corps of Engineers Regulatory Branch Training  
Association of State Wetland Managers Conference  
Hampton Roads Planning District Planning Commission  
Norfolk Codes Academy  
Old Dominion University guest lecturer  
Norfolk Neighborhood University  
Elizabeth River Project - Businesses for a Cleaner River

### **PROFESSIONAL PARTICIPATION**

National Military Fish and Wildlife Association – Senior Certified National Military Fish and Wildlife Professional  
Shoreline Management TMDL Expert Panel  
US Army Corps of Engineers Wetland Restoration Subcommittee  
Virginia Association of Wetland Professionals (President and Vice-President) – Certified Professional Wetland Delineator  
Society of Wetland Scientists – Certified Professional wetland Scientist  
Certified Floodplain Manager  
Hampton Roads Planning District AskHRGreen Committee  
VA Living Shoreline General Permit Advisory Panel  
Technical Staff to the Norfolk Wetlands Board  
Washington Youth Summit for the Environment (George Mason University Faculty 2011-2013)  
Virginia Coastal Zone Management Strategic Planning  
Lafayette Wetlands Partnership  
Lynnhaven River Now – Former Wetlands Committee Co-Chair

### **PROFESSIONAL PUBLICATIONS**

Authored a chapter in the scientific book Living Shorelines: The Science and Management of Nature-Based Coastal Protection. The chapter is titled: Overcoming Barriers to Living Shoreline Use and

Success: Lessons from Southeastern Virginia's Coastal Plain.

Native Plants for Dune Restoration and Habitat diversity – A Source Guide. 2005

Native Plants of Wetland Restoration and Enhancement – A Source Guide. 2008

#### **OTHER CERTIFICATIONS & AUTHORIZATIONS**

Certified Floodplain Manager

Professional Wetland Scientist

Professional Wetland Delineator

Erosion and Sediment Control Combined Administrator - expired in 2017

Erosion and Sediment Control Plan Reviewer - expired

Erosion and Sediment Control Inspector – expired

Senior Certified Military Natural Resource Professional

Competent Toastmaster

Norfolk Master Gardener

#### **ADDITIONAL HONORS**

EPA Bronze Medal Award

NAVFAC Midlant – Team of the Quarter

Beta Beta Beta Biological Honor Society

Norfolk - Environmental Stewardship- Excellence in Communication, Award of Merit

Norfolk - Award of Excellence for Exemplary Leadership in Environmental Stewardship

#### **EDUCATION**

BS Degree - Marine Science Concentration

Southampton College at Long Island University: 09/1979 to 05/1983

720 Northern Boulevard

Brookville, NY 11548

MS Degree – Marine Environmental Research

State University of New York at Stony Brook: 01/1984 to 12/1986

Stony Brook, NY 11794

#### **Continuing Education**

State University of New York at Stony Brook: 01/1992 to 05/1992

Stony Brook, NY 11794

Old Dominion University: 01/2000 to 05/2000

116 Rollins Hall

Norfolk VA 23529-0053