

Raymond Marino



Title

Environmental Scientist
Long Island Office, New York

Education & Training

- Long Island University, Brookville, NY
Masters of Science, December 2014
Major: Earth Science
- Dowling College, Oakdale, NY
Bachelor of Science, January 2010
Major: Environmental Science,

Professional Affiliations, Certifications & Training

- Long Island Master Naturalist
- OSHA Certified Hazardous Waste Health and Safety Worker (40-Hour)
- OSHA Construction Safety and Health certificate (10-Hour)
- Certified in Wetlands Delineation
- First Aid trained
- Army Corps of Engineers Wetland Delineation/Regional Supplement/Waters of the United States Training

Professional Experience

Mr. Marino joined NP&V in September 2018. He is OSHA Certified as well as certified in Wetlands Delineation with 8 years of experience in environmental planning, SEQRA and Phase I and II Environmental Site Assessment (ESA) report preparation. His expertise includes site inspections, wetland delineations, wetland permitting, ecological assessments, and groundwater, soil and air testing. Mr. Marino performs environmental monitoring that includes habitat composition, analysis, delineation and field assessments for a variety of terrestrial and marine habitats. His most recent positions include an assistant site manager, environmental scientist and lab assistant.

Project Experience

- **Environmental Scientist, Nelson, Pope & Voorhis, LLC, Melville, NY**
 - Prepare Notice of Completion and Notice of Termination applications for PSEG-LI under General Permit
 - Ecological Assessments for Environmental Impact Statements
 - Wetland Permit applications with NYSDEC, Army Corps of Engineers (ACOE) and NYS Department of State (DOS)
- **Staff Scientist, VHB Engineering, Hauppauge, NY**

Assisted in the preparation of Phase I Environmental Site Assessments (ESAs) and participated in field work associated with Phase II ESAs.

 - Assisted in many environmental planning activities including preparation of DEIS/FEISs in accordance with SEQRA, land use studies, and EAF preparation
 - Completed site inspections and groundwater, soil and air testing
 - Wrote out Phase I ESA reports
 - Collected samples at various sites across New York state
 - Performed data analysis of sample results with Phase II reports
 - Developed positive public relations with client affairs
 - Communicated with government institutions regarding FOIL applications
 - Applied for various records under FOIL
 - Performed ecological assessments
 - Performed wetland delineations
- **Independent Study- "Analysis of Gall Mortality" Dowling College, Oakdale, NY**

Presented at Brookhaven National Laboratories: An Exploration of the Natural History of the Scrub Oak Gall-Maker. Conducted research involving tagging and collection of gall making species in the Long Island Pine Barrens and laboratory study including microscope work and preservation of organisms.
- **Assistant Site Manager, TWA Flight 800 Memorial, Mastic Beach, NY**

Maintained the memorial in all facets, including horticultural care, irrigation and electrical maintenance, and general grounds keeping.
- **Volunteer, Wertheim National Wildlife Refuge**

Provided information at park in regards to flora and fauna, and administrative assistance to USFWS employees

Title

Sr. Environmental Scientist

Education & Training

- Hofstra University, Hempstead, NY
Master of Science, 2004
Specialization: Environmental Science
- Hofstra University, Hempstead, New York
Bachelor of Science, 1999
Specialization: Biology, Organismal Biology

Professional Memberships, Affiliations, Honors & Awards

- NYSDEC Endangered Species Collector Permit
- American Society of Ichthyologists and Herpetologists
- Society for the Study of Amphibians and Reptiles
- Society Conservation Biology
- Auxinn Scholarship, Dept. of Biology, Hofstra Univ., in recognition of superior performance and academic standing
- Hudson River Graduate Fellowship

Scientific Publications

- Ner, S.E., and R.L., Burke. 2008. Direct and indirect effects of urbanization on Diamondback terrapins of New York City: Distribution and predation of terrapin nests in a human modified estuary. J. C., Mitchell, R.E. Jung, and B. Bartholomew (eds.). Pp. 107-117In. Urban Herpetology. Herpetological Conservation Vol. 3, Society for the Study of Amphibians and Reptiles.
- Burke, R.L., and S.E. Ner. 2005. Seasonal and daily activity patterns of the Italian Wall Lizard, *Podarcis sicula*, in NY, USA. *Northeastern Naturalist* 12:349-360.

Technical Reports

- Ner, S.E., and R.L., Burke. February 2005. Prelim. Assessment of Diamondback Terrapins (*Malaclemys terrapin*) Nesting Ecology at Sandy Hook, NJ, Gateway Nat. Recreation Area: 7-9. 2002. Technical Report NPS/NER/NRTR-2005-014. National Park Service. Boston, MA.

Professional Experience

Recently joining NP&V as an Environmental Scientist, Ms. Ner-Karas has 20 years' experience in performing numerous field studies, wetland delineations, as well as freshwater and tidal wetlands inspections. She routinely has prepared Tidal & Freshwater Wetland Applications, planning and executing the work. Ms. Ner-Karas is experienced in environmental permitting with NYSDEC, ACOE and DOS, as well as Town permitting and is familiar with the flora and fauna of Long Island. Ms. Ner-Karas is familiar with utilizing various trapping methods for wildlife surveys, and with using Trimble GPS to identify markers in the field. She is capable of handling small and large mammals, as well as various amphibian and reptiles. In addition, she also has experience in the preparation of Phase I and II Environmental Site Assessments with a thorough knowledge of the Unified Soil Classification System.

Project Experience

- **Sr. Environmental Scientist, Nelson, Pope & Voorhis, LLC, Melville, NY**
NOC and NOT preparation under General Permit for PSEG-LI, wetlands feasibility, wetlands permitting and delineations, habitat and wildlife assessments.
- **Principal Ecologist/GIS Specialist- Dru Associates, Inc., Glen Cove, NY**
Preparation of Tidal & Freshwater Wetland Applications, planning and executing the work under changing project management parameters. Initiating project directives, reports, and represent the organization in negotiations with the client, states, municipal authorities, interested parties and local governments. Serving as the project manager/leader of the project delivery team. GIS analysis to determine where different natural resources are located. Serving as liaison between DEP, NYSDEC, DOS, ACOE and client. Preparing various permitting documents and Environmental Impact Statements. Perform habitat assessments and perform wetland delineations.
- **Adjunct Professor, Hofstra University, Hempstead, NY**
General Biology 012 Laboratory
General Biology 001 & 002 Laboratories
Introduction to Environmental Systems Laboratory (TPP 001)
- **Graduate Teaching Assistant, Hofstra University, Hempstead, NY**
BIO 1 Introductory Biology
BIO 2 Animal Biology, Animal Physiology Laboratory
- **Volunteer- National Park Service's Gateway National Recreation Area**
Participant in surveys with the National Park Service's (NPS) Gateway National Recreation Area in preparing to implement a pilot salt marsh restoration project at Jamaica Bay Wildlife Refuge's Big Egg Marsh.

Paid Participant and field assistant in various studies and projects related to the Jamaica Bay Ecosystem Restoration (JABERRT) Project (mammal, reptile and amphibian surveys, GIS mapping of salt marshes).

Mark-recapture of the diamondback terrapin (*Malaclemys terrapin*), in Jamaica Bay, NY