



CATHERINE PEDEVILLANO
CR Environmental, Inc. 1997 to Present
Years with Other Firms: 14

SENIOR WETLAND ECOLOGIST
SENIOR ORNITHOLOGIST
ZOOLOGIST

AREAS OF SPECIALIZATION

- Wildlife Habitat Evaluations
- Wetland Delineation
- Wetland Functions and Values
- Environmental Impact Assessment Preparation
- Environmental Educator

EDUCATION

1995 Certified Wetland Scientist, Society of Wetland Scientists, Certified in HEP, USFWS
1988 Certified Associate Wildlife Biologist, The Wildlife Society
1986 M.S. Wildlife Resources, University of Idaho
1982 B.S. Wildlife Management, University of New Hampshire

WORK HISTORY

CR Environmental, Inc., Falmouth, MA	1997 – present
U.S. Fish and Wildlife Service, New England Field Office, Concord, NH	1990 – 1996
Owner - Artemis Environmental Services, Lexington, MA	1989 – 1990
Sanford Ecological Services, Southborough, MA	1986 – 1989
University of Idaho and University of New Hampshire Wildlife Departments	1979 – 1986

RELEVANT PROJECT EXPERIENCE

- Senior Scientist responsible for writing and coordinating Environmental Impact Reports, regulatory compliance evaluations and wetland permitting at the federal, state and local levels. Has conducted wetland functional analyses, wildlife habitat field assessments, and developed wetland and wildlife habitat creation and restoration plans. Represents clients before state and local review boards.
- Senior Biologist while at US Fish & Wildlife Service responsible for planning and conducting a variety of investigations to determine impacts of land and water development projects to fish and wildlife resources within wetlands and adjacent habitats. These included wildlife habitat assessments of wetlands under the jurisdiction of Section 10/404 of the Clean Water Act. Methodologies used included the Habitat Evaluation Procedures (HEP), Wetland Habitat Indicators for Non-Game Species (WETHings), and professional judgment. Wildlife habitat assessment reports were prepared for use by USFWS, US EPA, US ACOE, and National marine Fisheries Service to aid in decision making. Other duties included developing and implementing wetland restoration plans, attending interagency meetings, conducting field trainings and public outreach through written and oral communication. She authored *Habitat values of New England wetlands* for the U.S. Army Corps of Engineers and U.S. Fish & Wildlife Service in 1995.
- Wildlife Biologist/Wetland Scientist providing Expert Testimony on vernal pool, wildlife and endangered species issues at adjudicatory hearings for MA Department of Environmental Protection appeals.
- Weekend environmental educator in winter botany, bird migration, animal adaptations and wildlife for the Massachusetts Audubon Society's Drumlin Farm Sanctuary in Lincoln, MA.
- Research Assistant for studies on breeding birds in riparian corridors, effectiveness of highway underpasses for wildlife, habitat use and food habits of wild turkeys, effects of prescribed burns on wildlife and plant communities, nesting success of common terns, and nutritional and energetics research on white-tailed deer.
- Wetland scientist conducting habitat evaluations and functions and values assessments for wetlands on a brownfields site in Medford, MA and in the vicinity of a contaminated groundwater plume near the Plainville landfill, MA