

Steven K. Pelletier
Principal Scientist
Certified Wildlife Biologist
Professional Wetland Scientist
Certified/Licensed Professional Forester



Capabilities

Natural Resource Evaluations:

- Wildlife Impact Assessments, including avian studies
- Endangered and Threatened Plant and Animal Species (Federal- and State-listed) and Natural Communities
- Unusual Natural Areas
- Critical or Significant Wildlife and Fish Habitats
- Habitat mapping
- Ecological characterization
- Aquatic studies, including dive surveys
- Detailed vernal pool studies
- Mammal, raptor, amphibian and mussel surveys
- Intertidal and Subtidal Marine Communities
- Avian Radar Surveys

Wetland Science:

- Expert testimony and third-party reviews
- Wetland restoration and mitigation design and monitoring
- Wetland delineations and function value assessments
- Regional watershed assessment and planning
- State and Federal permitting and regulatory advising
- Customized wetland and regulatory training courses
- Mitigation banking and In-Lieu fee consultations

Forest Assessments:

- Forest Management Planning
- Timber Inventories and Assessments
- Forest Certification

Permitting Expertise:

- NRPA Secs. 401 / 404 and 404(b)(1) Analyses
- River and Harbors Act, Sec. 10
- FERC Hydroelectric Licensing (Exhibit E and EAs)
- Support for FERC Natural Gas Pipeline Projects
- Support for Wind Power Projects
- Impact Avoidance and Minimization Support
- Support for CERCLA/Superfund Projects
- NEPA Compliance and Documentation
- Section 7 Biological Assessments
- Federal, State, and Local Wetland Alteration Permitting
- Shoreland and Coastal Zone Management Permitting
- Dredging Project Permitting
- Natural Resources Sections of Maine DEP Site Location Permits

Steve Pelletier is a certified wildlife biologist, Professional Wetland Scientist, and Certified and licensed professional forester with over 25 years of professional experience. A co-founder and Principal of Woodlot, he specializes in a variety of landscape and site level habitat analyses, including avian risk assessments related to windpower development, forest ecology and management, wetland assessments, and impact compensation. He offers particular expertise in rare species impact evaluations and for developing impact avoidance and mitigation measures for a variety of projects ranging from transportation to energy development.

Steve has provided third-party review and expert witness testimony on a variety of ecological issues and concerns, and taught a series of wetland courses, including regional courses for certifying municipal Code Enforcement Officers and refresher courses for Maine Department of Environmental Protection staff.

Experience

Stantec Consulting. 2007 – Present. Senior Principal. Certified Wildlife Biologist, Professional Wetland Scientist, (SWS) Certified (SAF) and Maine Licensed Forester.

Woodlot Alternatives, Inc., 1989-2007. Principal and Vice-President.

Maine Dept. of Environmental Protection, Portland, ME. 1984-1989. Environmental Enforcement Specialist.

Maine Dept. of Inland Fisheries and Wildlife, Gray, ME 1980-1985. Seasonal Biological Asst.

U.S. Forest Service, Platina, California 1982-1983. Wildlife Biologist.

U.S. Forest Service, Cordova, AK 1981. Wildlife Biologist Assistant.

Maine Cooperative Wildlife Research Unit, Orono, ME 1977-1980. Wildlife Research Field Technician.

U.S. Navy, USS America (CV-66), Norfolk, VA 1974-1976. Photographer.

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Education

A.S. Forest Management Technology *with Distinction*, 1978, University of Maine at Orono.

B.S. Wildlife Management & Forestry, 1980, University of Maine.

40-Hour Safety Training for Hazardous Waste Operations in Compliance with OSHA 29 CFR1910.120. 1993.

Recent Publications and Presentations

Pelletier, S.K., 2007. Windpower and Wildlife: Survey Techniques, Impacts, and Future Research. HBC Annual Meeting, Pittsfield, MA, 2007.

Pelletier, S.K., and L. Carlson, PhD, 2005. MBTA Greenbush Rail Line - Wildlife Crossing Demonstration Project. *In* Proceedings of the 2005 International Conference on Ecology and Transportation (ICOET). San Diego, CA, 2005.

Pelletier, S.K., 2004. Windpower and Wildlife – Risks and Benefits. The Wildlife Society NE Fall Meeting. Hadley, MA.

Pelletier, S.K., D.G. Nein, and R.D. Roy, 2004. Railroad Crossing Structures for Spotted Turtles. *In* Proceedings of the International Society of Wetland Scientists 25th Anniversary Conference, Charting the Future: A Quarter Century of Lessons Learned, Seattle, WA, 2004.

Pelletier, S.K. and F.J. DiBello, 2003. A Survey of Potential Vernal Pool Habitats in the Town of Falmouth, Maine. *In* Proceedings of the Association of State Wetland Managers (ASWM) National Symposium, Wetlands 2003: Landscape Scale Wetland Assessment & Management, Nashua, NH, 2003.

Pelletier, S.K., 2001. Wildlife and critical habitat concerns associated with windpower facilities. *In* Proceedings of New England Wind Power Siting Workshop, Boston 2001. National Wind Coordinating Committee, October 2001.

Pelletier, S.K. and E. Hertz, 2000. A GIS-based Wetland Characterization of the Casco Bay Watershed – A Pilot Study. *In* Proceedings of the Society of Wetland Scientists (SWS) Quebec 2000: Millennium Wetland Event, 2000.

Flatebo, G., C.R. Foss and S.K. Pelletier, 1999. Biodiversity in the Forests of Maine: Guidelines for Land Management UMCE Bulletin #7147, University of Maine Cooperative Extension.

Pelletier, S.K., 1996. An analysis of forest sustainability issues in Maine. Maine Forest Service and Maine Natural Areas Program, September 1996.

Lortie, J.P. and S.K. Pelletier, 1987. Distribution and abundance of breeding birds and small mammals in the high salt marsh and adjacent upland critical edge in southern Maine. *In* Proceedings of the Maine Biological and Medical Science Symposium, Bowdoin College, Brunswick, Maine, 1986.

Certifications

- Certified Wildlife Biologist (TWS)
- Licensed Professional Forester (ME #866)
- Certified Forester® (SAF #937)
- Professional Wetland Scientist (SWS #899)
- NH Certified Wetland Scientist (NH #136)
- HEP Certified: USFWS
- NASDS Certified SCUBA Diver
- Certified SCUBA Diver CPROX Administrator/ CR1st Certification

Panels/Boards

- Maine Oil Spill Advisory Committee, appointed by Maine Governor
- ME Wetland Task Force (former) - Chair, Wetland Mitigation Banking Group
- Maine Vernal Pools Work Group
- Maine DEP Cumulative Impact Work Group
- Maine Wildlife Windpower Advisory Committee and Stakeholder Group
- Brunswick-Topsham Land Trust

Affiliations

- Society of Wetland Scientists
- Maine Association of Wetland Scientists, co-founder, chairman, past President
- Friends of Merrymeeting Bay
- Society of American Foresters
- The Wildlife Society

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