

Trevor S. Peterson

Project Manager
Wildlife Biologist



Stantec

Capabilities

Ecological Studies:

- Mammal, amphibian, bird, and bat surveys
- Avian and bat impact data analysis
- Small mammal trapping and habitat observations
- Vernal pool studies
- Snow tracking and scent post surveys
- Aquatic surveys
- Plant community surveys
- Wildlife radio telemetry surveys
- Habitat assessment and reconnaissance
- Water quality surveys
- Turtle surveys
- Bat echolocation surveys
- Bat call analysis

Natural Resource Evaluations:

- Endangered and Threatened Plant and Animal Species
- Rare Plants and Natural Communities
- Unusual Natural Areas
- Critical or Significant Wildlife Habitats

Wetland Science:

- Wetland delineations
- Function value assessments

Education

A.B. Biology/Environmental Studies, Summa cum Laude, Phi Beta Kappa, 2002, Bowdoin College, Brunswick, ME.
Honors Project: The effects of herbivores and climate on the coniferous tree community of Kent Island, N.B.

Semester program in Costa Rica, Tropical Field Biology, Environmental Studies, and Spanish, 2000, Duke University.

Awards and Recognitions

- James Malcolm Moulton Prize in Biology, Bowdoin College
- Alfred Gross Prize in Biology, Bowdoin College
- Sarah and James Bowdoin Scholar, Bowdoin College

Publications

Peterson, T.S., A. Uesugi, and J. Lichter. 2006. Tree recruitment limitation by introduced snowshoe hares, *Lepus americanus*, on Kent Island, New Brunswick. *Canadian Field Naturalist*. In press.

Mr. Peterson is a project manager responsible for performing wildlife research, wetland delineations, and assisting in ecological inventories, including wildlife population surveys, habitat studies, and water quality monitoring surveys. He has most recently been involved in an evaluation of potential natural resource impacts at a proposed wind power project in New England, including an assessment of bat populations and avian impacts from towers. He is also involved in a study of rare species and habitats within the corridor of a proposed commuter rail project outside Boston.

Mr. Peterson's previous project experience includes the design and implementation of a project documenting the effects of an unchecked population of introduced snowshoe hares on the regeneration and recruitment of trees in New Brunswick, Canada. He has also conducted sample and data collection and performed autopsies on moose, wolf, and beaver; used telemetry equipment to locate den and rendezvous sites of radio collared wolves; and conducted many other wildlife monitoring and surveys, including breeding birds, loons, and amphibians. Mr. Peterson also led efforts to identify and eradicate populations of exotic plants within the Isle Royale National Park.

Experience

Stantec Consulting. 2007-Present. Project Manager.

Woodlot Alternatives, Inc. 2003-2007. Project Manager.

Bowdoin College Scientific Station. Summer 2001. Forest Ecology Research Grant.

National Park Service, Acadia National Park, ME. Summer 2000. BioTech Ranger.

National Park Service, Isle Royale National Park, MI. 1998-1999. Resource Management Intern, Campground Host/Interpretive Intern.

Wolf/Moose Project, Isle Royale, MI. 1996-1999. Field Assistant, Earthwatch Expedition Leader.

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