

John T. Sullivan

Project Manager Wetland Scientist



Capabilities

Wetland Science:

- Wetland delineation and functional assessments
- Wetland wildlife habitat evaluations
- Vernal pool certification and ecological studies
- Rare or unusual wetland community inventories
- Remote sensing for wetland identification and classification
- Wetland impact assessment and resource protection
- Wetland mitigation site search, design and monitoring
- Wetland and stream restoration design
- Regional watershed evaluation and planning
- Construction oversight and third party inspection
- Permitting and regulatory advising

Permitting Expertise:

- Clean Water Act Secs. 401 / 404
- River and Harbors Act, Sec. 10
- Massachusetts Wetland Protection Act
- New York State Freshwater Wetlands Act
- New York State SEQR
- Endangered and Threatened Species permits and management plans
- Environmental Impact Statement support
- State and local land use regulations
- Erosion control plans

Ecological Studies and Risk Assessment:

- Natural Plant Community and Habitat Mapping
- Ecological characterizations
- Habitat assessment and field reconnaissance
- Rare turtle surveys
- Reptile, amphibian, dragonfly, and butterfly surveys
- Aquatic surveys for plants, invertebrates, and fish
- Wildlife radio telemetry studies
- Wetland and stream habitat restoration
- Habitat connectivity and fragmentation studies

Natural Resource Evaluations:

- Endangered and threatened species
- Essential Fish Habitat (EFH) evaluations
- Rare Plants and Natural Communities
- Critical or significant Wildlife and Fisheries Habitats
- Calcareous wetland and upland communities
- Open space and natural resource protection planning

Education

B.S., Plant Science, Cornell University, College of Agriculture & Life Sciences, 1996.

Mr. Sullivan is a Project Manager and Wetland Scientist with extensive experience managing projects involving wetland delineation and functional assessment, wetland mitigation and long-term monitoring, ecological analyses, rare species surveys, and general environmental planning.

As a wetland scientist, Mr. Sullivan is particularly skilled in wetland classification and mapping, wetland habitat evaluation, and wetland impact assessment. John also specializes in the ecology and management of rich fens and other calcareous wetland communities.

A former contractor for the New York Natural Heritage Program, he offers special expertise with rare plant, animal, and natural community surveys including general reconnaissance, quantitative sampling, and habitat viability assessment. Prior to joining Stantec, Mr. Sullivan also managed several large-scale habitat mapping and land use planning projects, and conducted numerous baseline studies and environmental impact assessments for public and private clients. He also served as a lead field technician on an award-winning wetland mitigation project for a threatened species.

Experience

Stantec Consulting. 2007-Present. Project Manager and Wetland Scientist.

Woodlot Alternatives, Inc. 2006-2007. Project Manager and Wetland Scientist.

Hudsonia Ltd. May 2003-Nov 2005. Biologist (Biodiversity Mapping Specialist).

Tim Miller and Associates June 2002-Oct 2003. Wetland Biologist and Biodiversity Specialist.

New York Natural Heritage Program Field seasons 1999-2001 & 2003-2004.

Independent contractor.

Dutchess Community College Sept 2001-Dec 2001. Adjunct Professor of Field Ecology.

Hudsonia Ltd. March 1998-Nov 1998, May 1999 & May 2005. Wetland Field Assistant.

The Nature Conservancy July 1997-Dec 1997. Wetland Ecology Intern.

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Training

- Wetland Assessment and Field Techniques, University of Massachusetts, Amherst, 2005.
- Endangered, Threatened, and Rare plant survey protocol, New England Wildflower Society, 2005
- Dragonfly and Damselfly survey protocol, New York Natural Heritage Program, 2005 and 2007
- Geographic Information Systems, SUNY Ulster, 2002
- Wetland delineation, Marist College, 1997
- Groundwater monitoring, Marist College, 1997
- 40-Hour Safety Training for Hazardous Waste Operations

Publications

Tollefson, Jennifer, Gretchen Stevens and John Sullivan. 2004. Biodiversity assessment and habitat mapping: new tools for proactive land-use and conservation planning. Abstracts of the 18th annual meeting of the Society for Conservation Biology. Arlington, VA.

Sullivan, John T. 2002. Identifying Potential Rich Fen Wetland Communities in the Black Creek Basin Using GIS. Abstracts of the Northeast Natural History Conference VII. New York State Museum Circular 64: 47-48.

Sullivan, John T. 1999. Buffer Zones. In The Great Swamp: A Watershed Conservation Strategy. The Nature Conservancy, Lower Hudson Chapter. p 7-9.

Affiliations

- The Society of Wetland Scientists
- The Society for Conservation Biology
- New England Wildflower Society (CT Plant Conservation Volunteer)

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