

Our mission: We work with communities to protect and restore stream corridor stability and ecosystem integrity in the Ashokan Watershed.

About the Ashokan Watershed Stream Management Program

Who We Are

The Ashokan Watershed Stream Management Program (AWSMP) is a collaborative effort of three agencies:

Cornell Cooperative Extension of Ulster County (CCEUC)

Coordinates community funding for stream related projects, works with local governments and other relevant groups and agencies on stream and floodplain programs and policies, and conducts education, training and outreach programs.

Ulster County Soil and Water Conservation District (UCSWCD)

Coordinates and provides technical services such as stream assessments, construction of stream projects, and direct technical assistance to municipalities and landowners.

New York City Department of Environmental Protection (DEP)

Provides technical assistance and focused field studies, integration with Stream Management Programs in the Ashokan, Schoharie, Delaware, Rondout and Neversink Watersheds and program funding through the DEP Stream Management Program.

The Ashokan Watershed Stakeholder Council is composed of 15-20 watershed stakeholders representing county, state and federal agencies, as well as watershed towns, non-profit organizations, and residents. The Stakeholder Council supports the program by reviewing the AWSMP's Annual Action Plans, staff projects, and Implementation Fund project proposals.

Other Working Groups, such as the Highway Managers Working Group and Education and Outreach Working Group, provide technical guidance to staff and enhance involvement of the local community.

What We Do

The Ashokan Watershed Stream Management Program seeks to:

- Protect and Restore water quality, stream stability, and aquatic and streamside ecosystems, as well as reduce flooding and erosion hazards and enhance stream-based recreational opportunities
- Coordinate stream management activities in the watershed
- Educate local municipalities, landowners, students and tourists about stream stewardship practices
- Develop Stream Management Plans that provide the basis for the program's work in the Ashokan Watershed. The plans are a comprehensive review of stream characteristics, data, maps and recommended management strategies. The plans recommend measures that help to improve water quality, reduce flood risks to public infrastructure and private property, and improve the ecology of the stream and floodplain.



Cornell University
Cooperative Extension
Ulster County



Soil and Water
Conservation District
P.O. Box 987, 3100 Ft. St., Ashokan, NY 12401
609-338-1234



Who we serve:

Service Area

The Ashokan Watershed includes six towns (Shandaken, Olive, Woodstock, Hurley, Hunter, and Lexington) in Ulster and Greene counties. Most of our programs are restricted to the watershed.

Local Governments

The AWSMP assists local governments with stream management by providing:

- ◆ Grants for stream and flood mitigation projects, education, training and planning that help to implement stream management plan recommendations
- ◆ Design and construction of streambank protection projects
- ◆ Coordination and assistance with flood hazard mitigation and floodplain management
- ◆ Coordination and technical support for post-flood stream restoration
- ◆ Training for local government staff and elected officials on topics such as stream restoration, floodplain management, and an annual watershed conference

Streamside Landowners

We assist landowners with streamside living by providing:

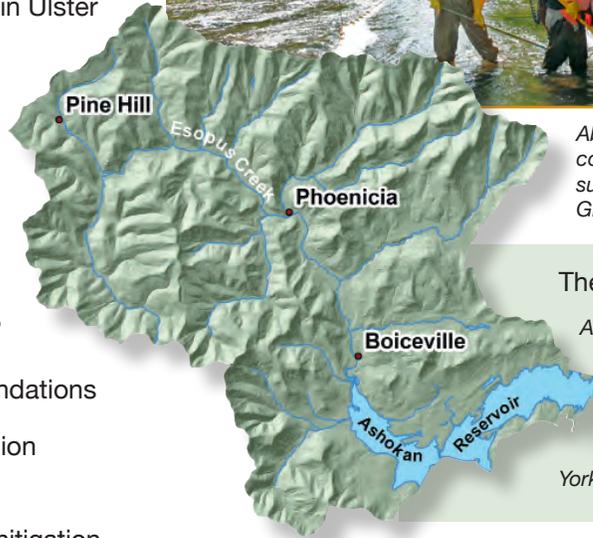
- ◆ Advice to landowners on managing streambanks and riparian areas
- ◆ Funding for riparian corridor restoration and streambank bioengineering (Catskill Streams Buffer Initiative)
- ◆ Landowner workshops



Above: AWSMP staff coordinated the design and installation of a hillside stabilization project along the Stony Clove Creek near Chichester



Above: USGS staff and interns collect fish for fish habitat study supported by the Implementation Grant Program.



The Ashokan Watershed

A watershed is the land area that drains into a single feature — in this case the Ashokan Reservoir. This watershed provides high quality drinking water for nine million New Yorkers.

- ◆ Educational materials, newsletters and factsheets
- ◆ Opportunities to learn by volunteering through the Stream Stewards Program

Contractors and Watershed Professionals

AWSMP coordinates trainings and provides technical assistance to contractors and watershed professionals who carry out stream and floodplain management projects for landowners and local governments. The program also coordinates with regulatory agency staff on project designs, permit requirements, and trainings.

Other Groups and Agencies

The AWSMP coordinates with numerous groups and agencies to address the broad set of interests within the watershed. The program seeks input and involvement from environmental groups, landowner associations, and sporting and recreational groups in its stream management activities and educational programs.

We provide grants to organizations serving the watershed to implement stream management projects.

What we offer:

Catskill Streams Buffer Initiative



The Catskill Streams Buffer Initiative informs and assists streamside landowners in the

West of Hudson NYC Watershed through enhancement, management, and restoration of streamside vegetation. The initiative provides individualized management plans with prescriptive measures, restoration designs, installation of plant materials, and educational materials and activities.

For more information about the Catskill Streams Buffer Initiative, go online to www.catskillstreams.org/csbi. If you would like to apply for the program, speak with Bobby Taylor, CSBI Coordinator for the Ashokan Watershed at (845) 688-3047, or by email at bobby.taylor@ashokanstreams.org.

Ashokan Watershed Implementation Grants

Implementation Fund grants support projects that implement recommendations of the Ashokan Watershed Action Plan and stream management plans.

Local Flood Analysis Grants

Local Flood Analysis grants are for projects to determine the conditions contributing to flooding, and to develop and implement flood mitigation solutions in population centers. Examples of funded projects:

\$92,850: Local Flood Analysis for Phoenicia and Mt. Tremper

\$70,995: Local Flood Analysis for Boiceville and W. Shokan

Education, Planning, Research and Assessment Grants

Examples of funded projects:

\$10,000: Phoenicia Library, Jerry Bartlett Angling Collection Improvements and Match the Hatch Website

\$11,880: Towns of Shandaken, Woodstock, Olive, and Hurley, and Ulster County, Continuing Education

\$5,000: Town of Shandaken, Engineering Services for Pine Hill Trail Network and Stream Access

\$209,750: USGS, Monitoring Turbidity, Suspended Sediment Concentrations and Loads



Above: Watershed residents learn more about stream processes during a creek walk. Right: Volunteers plant riparian buffers along streams.



Infrastructure and Stream Restoration Grants

Grants to support municipalities with stream restoration and public infrastructure projects consistent with stream management plan objectives. Stream projects are coordinated with Ulster County Soil and Water Conservation District staff. Examples of funded projects:

\$20,000: Town of Olive, Engineering for Hillside Drive Replacement Bridge, Dry Brook

\$10,000: Town of Shandaken, Engineering for Grade Control at the Herdman Road Bridge, Fox Hollow Creek

\$102,900: Town of Woodstock, Stream Restoration and Woody Debris Removal along Mink Hollow Road, Beaver Kill

For more information on AWSMP grant program priorities and application information, go online to www.ashokan-streams.org/projects-funding/.

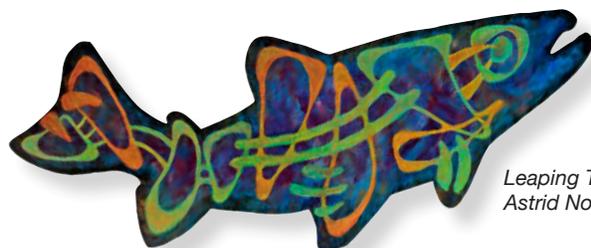
Annual Events

Spring: Ashokan Watershed Conference

Summer: Public Programs and Booths at Festivals

Spring & Fall: Stream Walks

Throughout the Year: Community & Landowner Trainings



Leaping Trout by artist Astrid Nordness

Program Staff

Cornell Cooperative Extension of Ulster County Staff

Position	Name	Email	Area of Responsibility
Executive Director	Lydia Reidy	lmr5@cornell.edu	Program oversight
Program Leader	Leslie Zucker	laz5@cornell.edu	Grant and contract management, coordination with partner agencies, education and outreach program
Watershed Educator	Brent Gotsch	bwg37@cornell.edu	Flood hazard mitigation education, coordination
Youth Educator	Matt Savatgy	mjs593@cornell.edu	After-school and enrichment programs
Administrative Assistant	Jamie Joy	jjj94@cornell.edu	Administrative and program support

Ulster County Department of Environment Staff

Position	Name	Email	Area of Responsibility
Environmental Planner	Aaron Bennett	aben@co.ulster.ny.us	Flood hazard mitigation technical assistance

Ulster County Soil and Water Conservation District Staff

Position	Name	Email	Area of Responsibility
Executive Director	Gary Capella	gary.capella@ny.nacdnet.net	Project contracts administration and supervision
Project Manager	Adam Doan	adam.doan@ashokanstreams.org	Field assessment, landowner questions, technical assistance
Catskill Streams Buffer Initiative Coordinator	Bobby Taylor	bobby.taylor@ashokanstreams.org	Streamside vegetation, CSBI program grants, stream assessments
Stream Assessment Coordinator	Allison Lent	allison.lent@ashokanstreams.org	Stream assessments
Watershed Technician	Tiffany Runge	tiffany.runge@ashokanstreams.org	Project assistance, GIS support
District Technician	Jake Wedemeyer	jake.wedemeyer@ny.nacdnet.net	Stream assessments and technical support
Program Assistant	Margarete Wagner	margarete.wagner@ny.nacdnet.net	Administrative support

NYC DEP Stream Management Program Staff

Position	Name	Email	Area of Responsibility
Program Manager	Beth Reichheld	ReichheldE@dep.nyc.gov	Supervision for DEP Stream Management Program
Project Manager	Chris Tran	TranC@dep.nyc.gov	DEP related issues, stream project assessment
Stream Engineering	Doug Dekoskie	DDekoskie@dep.nyc.gov	Engineering design and review for the program



Above: A tributary to the Esopus Creek - the Beaver Kill, flowing through a meadow near Willow, NY.



Cornell University
Cooperative Extension
Ulster County



Soil and Water
Conservation District
100 Box 987, 2007 Te. 28, Shokan, NY 12481
(P. 61) and Highway, NY 12481



PO Box 667, 3130 Route 28, Shokan, NY 12481
Phone: 845-688-3047
Fax: 845-688-3130
www.ashokanstreams.org

Cornell Cooperative Extension is an employer and educator recognized for valuing AA/EEO, Protected Veterans, and Individuals with Disabilities and provides equal program and employment opportunities.