

QUICK FACTS

Number of Employees

21

Number of Facilities

2

Total Budget

\$1,738,369

Acres of Forest

18,964,000

Research Work Units

- **SYRACUSE, NY:**
Northeastern States Research Cooperative
NRS-08 Urban Forest, Human Health & Environmental Quality
- **NEW YORK, NY:**
NRS-09 People & Their Environments (New York City Field Station)

Partners

- Baltimore Parks & People Foundation
- Columbia University
- Cornell University
- Cities of Baltimore and Syracuse
- Davey Resource Group
- Institute of Ecosystem Studies
- Johns Hopkins University
- Maryland Department of Natural Resources
- National Center for Atmospheric Research
- New York City Department of Parks and Recreation
- State University of New York, College of Environmental Science and Forestry
- US EPA
- University of Maryland – Baltimore County

Recent Major Accomplishments

The Northern Research Station will continue to implement a program that addresses a comprehensive scientific foundation, including the following strategic program directions: Sustaining Forests, Forest Disturbance Processes, Urban Natural Resources Stewardship, Providing Clean Air and Water and Natural Resources Inventory and Monitoring. Within this program direction the scientists in New York have already achieved the following:

- Released version 4 of i-Tree, a tool that assesses ecosystem services and values from trees. New features allow users to simulate the effect of trees on stream flow and water quality, easily determine the tree cover in a city using Google Maps, and assess individual tree effects and values around homes across the conterminous United States.
- As part of a project titled “Understanding the Dynamic Connections Among Stewardship, Land Cover, and Ecosystem Services in New York City's Urban Forest,” analyzed stewardship group activities and evolution of the urban forest in New York City over the past 25 years, and collected plot-level data on long-term outcomes of forest restoration efforts.
- NRS scientists contributed to identifying highest priority zones for tree planting within New York City based on a planting priority index developed combining three main indicators: pollution concentration, population density and low canopy cover. This new tree population was projected through time to estimate potential air quality and carbon benefits.

Budget for New York

Research Work Unit	FY 11	FY 12	FY 13
<i>Syracuse, NE States</i>	177,793	248,754	203,399
<i>Syracuse, NRS-08</i>	1,121,599	1,121,599	1,121,599
<i>Syracuse, NRS-09</i>	413,371	413,371	413,371
STATE TOTAL	\$1,712,763	\$1,783,724	\$1,738,369

Grants and Agreements

Research Work Unit	Value of Grants and Agreements (all locations)	Fiscal Year
<i>NRS-08</i>	1,740,641	2011
<i>NRS-09</i>	1,579,561	2011

