

QUICK FACTS

Number of Employees

5

Number of Facilities

1

Total Budget

\$697,921

Acres of Forest

2,438,000

Research Work Units

- **BALTIMORE, MD:**
NRS-08 Urban Forests, Human Health & Environmental Quality (Baltimore Ecosystem Study)
- NRS-09 People and Their Environments

Partners

- Baltimore City Department of Parks & Recreation
- Baltimore County Dept. of Environmental Protection & Resource Management
- Institute Ecosystem Science
- Johns Hopkins University
- Maryland Forest Service
- Parks and People Foundation
- Towson University
- University of Maryland — Baltimore County
- University of Maryland- College Park

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 Maryland have already achieved the following:

- Completed high-resolution land-cover maps for five Maryland counties and the cities of

Baltimore and Annapolis, providing decision-makers with accurate estimates of existing and possible tree canopies for more than 30 communities.

- Studied the extent to which urban tree cover influences crime and found that there is a strong inverse relationship between tree canopy and our index of robbery, burglary, theft and shooting, that is more trees, less crime!
- Modeled possible mechanisms affecting carbon cycling in the urban environment of the Baltimore Ecosystem Study.

Budget for Maryland

Research Work Unit	FY 11	FY 12	FY 13
<i>NRS-08</i>	316,349	316,349	316,349
<i>NRS-09</i>	381,573	381,573	381,573
STATE TOTAL	\$697,921	\$697,921	\$697,921

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

