

QUICK FACTS

Number of Employees

93

Number of Facilities

4

Total Budget

\$11,403,478

Acres of Forest

17,183,000

Research Work Units

- **ST PAUL, MN:**
NRS-10 Biological & Environmental Influences on Forest Health & Productivity
NRS-05 Forest Inventory & Analysis
NRS-09 People & Their Environments
- **GRAND RAPIDS, MN:**
NRS-07 Center for Research on Ecosystem Change

Partners

- Blandin Paper Company
- Canadian Forestry Service
- Chippewa and Superior National Forests
- International Paper
- Local community and township planners
- Minnesota and Wisconsin DNRs
- National Forest System – Regions 1, 2 and 9
- State and Private Forestry
- State Foresters of CT, DE, IA, IL, IN, KS, MA, MD, ME, MI, MN, MO, ND, NE, NH, NJ, NY, OH, PA, RI, SD, VT, WI, and WV
- University of Minnesota - Duluth
- University of Minnesota

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 Minnesota have already achieved the following:

- Began a multi-year cooperative effort called “Spruce and Peatland Responses Under Climatic and Environmental Change,” or SPRUCE, in northern Minnesota to test the response of northern peatland ecosystems to increased

temperatures and exposure to elevated carbon dioxide.

- Produced a conservation education DVD that uses traditional Hmong storytelling to deliver key messages.
- Completed an economic assessment in the Twin Cities of damage caused by an invasive alien pathogen that causes oak wilt.
- Worked with state agencies on research into biological control of emerald ash borer.
- Developed a novel automated mapping technique that uses winter satellite imagery to create reliable estimates of forest lands between FIA field plots, allowing customers to more confidently explore forest dynamics beyond the grid of FIA plots.

Budget for Minnesota

Research Work Unit	FY 11	FY 12	FY 13
<i>St. Paul, NRS-05</i>	7,976,037	7,587,210	7,551,490
<i>St. Paul, NRS-09</i>	667,753	667,753	667,753
<i>St. Paul, NRS-10</i>	970,396	893,145	845,396
<i>Grand Rapids, NRS-07</i>	2,320,620	2,255,370	2,115,095
STATE TOTAL	\$11,934,806	\$11,403,478	\$11,179,733

Grants and Agreements

Research Work Unit	Value of Grants and Agreements (all locations)	Fiscal Year
<i>NRS-05</i>	4,425,622	2011
<i>NRS-07</i>	3,182,727	2011
<i>NRS-09</i>	1,579,561	2011
<i>NRS-10</i>	487,881	2011

