



Reporting Our Progress in Caring for the Land and Serving People



Identifying Areas of High Acidic Deposition Impacts for Potential Watershed Restoration Air, Soil, and Water Resource Program FY2012 Accomplishments Chattahoochee, Cherokee, Nantahala, and Pisgah National Forests, Southern Region

State: Georgia, North Carolina, and Tennessee

Forest Service Contribution: \$9,000

Congressional District:

Georgia: 9 & 10;
North Carolina: 10 & 11;
Tennessee: 1, 2 and 3.

Partner Contribution: \$440,000

Project Costs: \$449,000

Accomplishments:

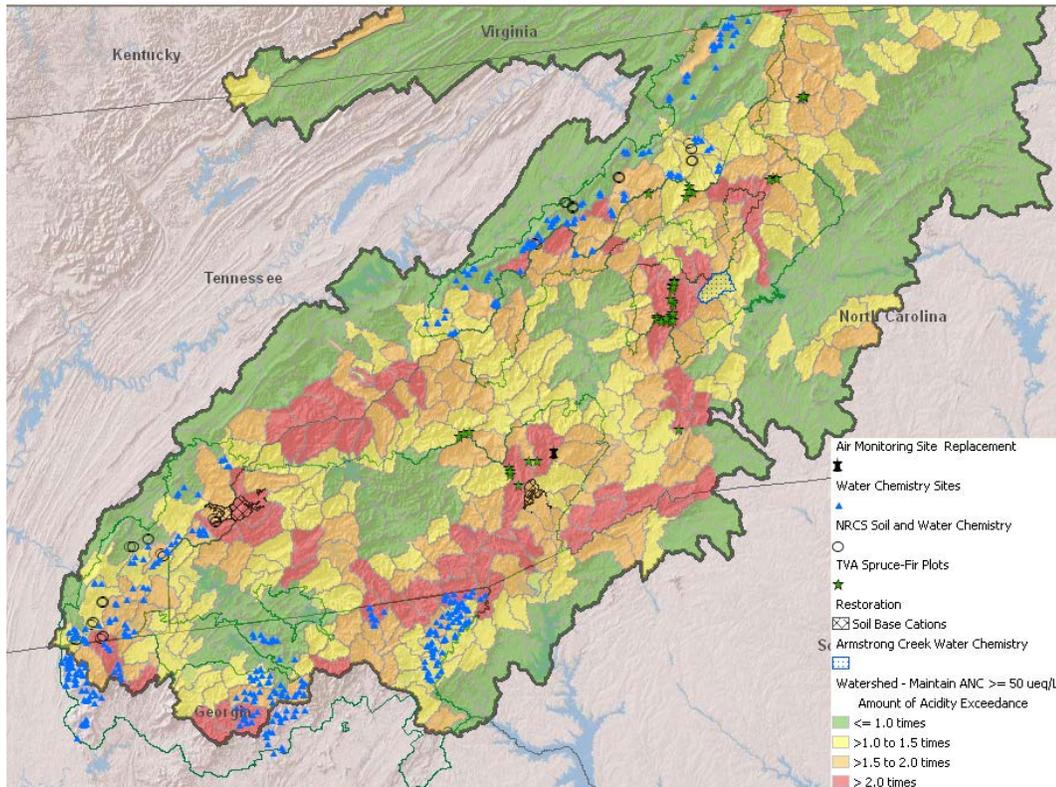
- Developed methods to determine if a watershed or stream would benefit from liming to replace essential nutrients depleted by acidic deposition.
- Refined estimates and supporting data to determine to what degree acidic deposition is preventing the maintenance or slowing the restoration of healthy aquatic biota systems in the watersheds.
- Supported continued monitoring and [web access](#) of air quality data including visibility, ground-level ozone, and meteorological data to support the project.

External Partners:

North Carolina Division of Air Quality,
State Climate Office of North Carolina.

Internal Partners:

Department of Justice,
Environmental Protection Agency,
USDA NRCS, and
USDA Forest Service Research.



Location of soil restoration projects, and soil and water chemistry inventory sites. Also shown is how much acidic deposition is predicted to be exceeded, from maintaining a healthy condition, within the watersheds. Visibility can be viewed [online](#) from the Shining Rock Wilderness monitoring station.

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