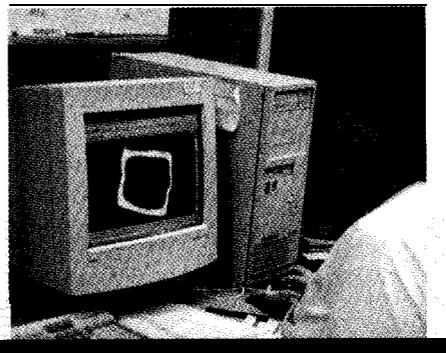


Our Scientists at Work: Programs, People, Facilities



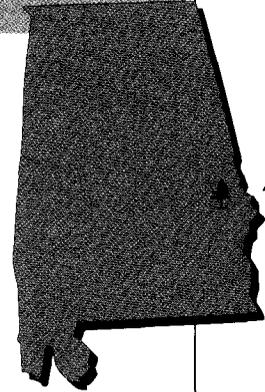
<i>Auburn, Alabama</i>	62
<i>Monticello, Arkansas</i>	63
<i>Athens, Georgia</i>	64
<i>New Orleans, Louisiana</i>	65
<i>Pineville, Louisiana</i>	65
<i>Saucier, Mississippi</i>	66
<i>Mississippi State, Mississippi</i>	66
<i>Stoneville, Mississippi</i>	67
<i>Asheville, North Carolina</i>	67, 68
<i>Otto, North Carolina</i>	68
<i>Raleigh, North Carolina</i>	69
<i>Research Triangle Park, North Carolina</i>	69
<i>Charleston, South Carolina</i>	70
<i>Clemson, South Carolina</i>	70
<i>Nacogdoches, Texas</i>	71
<i>Blacksburg, Virginia</i>	71

Our Scientists at Work: Programs, People, Facilities

Our research work units (RWUs) are located in offices and laboratories in nine States across the Southern United States. Our research and development work covers **the** 13 Southern States, with findings that are applicable throughout the nation and internationally as well. While **each** RWU has a headquarters location, listed below, subunits or individual scientists are located at additional sites in 11 Southern States. The SRS RWUs are identified by name and a four-digit number; for example, SRS-4505, Insects and Diseases of Southern Forests. The numbers provide helpful internal shorthand for budget and cross-referencing purposes.

SRS-4105 and SRS-4703

G.W. Andrews Forestry Sciences Laboratory
 520 Devall Drive
 Auburn, AL 36849 • (334) 826-8700



Auburn

The G.W. Andrews Forestry Sciences Laboratory is located on the campus of Auburn University. The modern office and laboratory facility contains well-equipped environmental chemistry and soil laboratories and a large engineering research laboratory. Adjacent buildings include greenhouse, shop, warehouse, and chemical storage facilities.

SRS-4105, Vegetation Management Research and **Longleaf Pine** Research for Southern Forest Ecosystems

The mission of this unit is to (1) determine the environmental fate and impact of forest herbicides and develop integrated vegetation prescriptions for multiple resource benefits in southern forestry, and (2) develop systems and models for the development of a variety of regeneration and management alternatives

for longleaf pine ecosystems. Long term longleaf studies and demonstrations are maintained on the 3,000-acre Escambia Experimental Forest in south Alabama.

SRS-4703, Biological/Engineering Systems and Technologies for Ecological Management of Forest Resources

The mission of this unit is to develop an understanding of the interaction between biological and engineering systems in forest ecosystems and to provide engineering knowledge and improved, economically viable forest operations for sustained resource **management.**

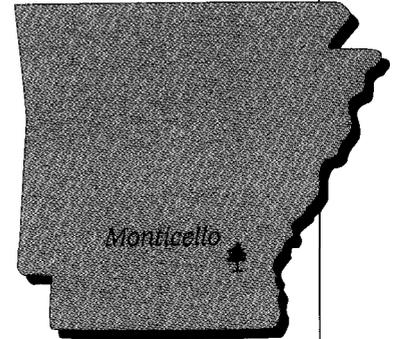
Website for SRS-4703: <http://srs4703.usfs.auburn.edu/unit.html>

Caring for the Land and Serving People

Our Scientists at Work: Programs, People, Facilities

SRS-4106

Forest Resources Building
 University of Arkansas at Monticello
 P.O. Box 3516, Room 211
 Monticello, AR 71656-3516
 (870) 367-3464



This unit is located at the University of Arkansas, in cooperation with the School of Forest Resources and the Arkansas Agricultural Experiment Station. The 1,675-acre Crossett Experimental Forest, located 7 miles south of Crossett, is maintained as a research and demonstration forest.

SRS-4106, Managing Upland Forest Ecosystems in the Midsouth

This unit provides scientific information to understand, manage, and sustain the ecological processes, structures, and benefits of loblolly pine, shortleaf pine, mixed pine-hardwood, and hardwood forests in the uplands of the Midsouth. Research includes the development of

1. a better understanding of the environmental factors and ecological processes influencing establishment and growth of forest reproduction, which is needed to fully develop silvicultural alternatives for upland forests in the Midsouth;
2. silvicultural alternatives for regenerating and managing upland forests which requires a better understanding of forest stand dynamics including the role of disturbance; and
3. a better understanding of the effects of silvicultural treatments on forest stands and interactions between stands which is needed to make landscape-level decisions.

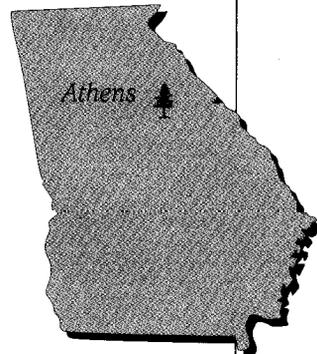
More information available at: <http://www.srs.fs.fed.us>

Caring for the Land and Serving People

Our Scientists at Work: Programs, People, Facilities

SRS-4104, SRS-4505, and SRS-4901

Forest Sciences Laboratory
320 Green Street
Athens, GA 30602-2044
(706) 559-4222



The Forestry Sciences Laboratory is on 4 acres of land near the University of Georgia's School of Forest Resources. The facility, containing 17,962 square feet of laboratory space and 14,000 square feet of office space, consists of two buildings, an insectary, greenhouses, a nursery, a fully equipped woodworking and fabricating shop, and a wood products testing laboratory.

SRS-4104, Disturbance and the Management of Southern Pine Ecosystems. The unit conducts research to sustain and enhance the productivity of southeastern forests, whether intensively cultured or extensively managed. Specific research is being conducted in the areas of forest ecology, fire ecology, smoke management, and harvesting and wood properties of forests of the Piedmont and Atlantic Coastal Plain. The 5,000-acre Hitchiti Experimental Forest near Juliette, GA, is the focus of the Ernst Brender Demonstration Forest hosting approximately 40 workshops and tour groups per year.

SRS-4505, Insects and Diseases of Southern Forests. The unit conducts research to acquire the knowledge necessary to develop

effective, practical, and environmentally acceptable management options to control insects attacking seed orchards, tree nurseries, and plantations. Interactions of land use and forest management practices on arthropod populations are studied with regard to their functional role as decomposers, as pollinators of rare plants, and as prey for endangered species, such as the red-cockaded woodpecker. The unit also works to develop control measures for nonnative, invasive species, such as the exotic plant, kudzu, and the fungi that cause dogwood anthracnose and butternut canker.

SRS-4901, Assessing Trends, Values, and Rural Community Benefits from Outdoor Recreation and Wilderness in Forest Ecosystems. The unit applies research theory and methodology to assessments of outdoor recreation and wilderness, with emphasis on supply-and-demand trends, economic values, and benefits to rural communities. SRS-4901 Web site: <http://www.srs.fs.fed.us/recreation/>.

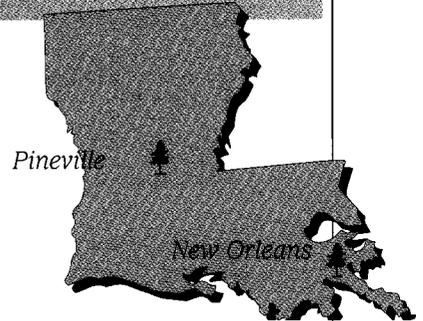
More information available at: <http://www.srs.fs.fed.us>

Caring for the Land and Serving People

Our Scientists at Work: Programs, People, Facilities

SRS-4802

T-10034 U.S. Postal Building
701 Loyola Avenue
New Orleans, LA 70113
(504) 589-6652



SRS-4802, Evaluation of Legal, Tax, and Economic Influences on Forest Resource Management. This is the Forest Service's principal unit concerned with effects of Federal, State, and local taxes, laws, and regulations on forestry. The unit also analyzes

export markets for southern softwood products and the economics of innovative silvicultural practices for southern forests.

SRS-4111, SRS-4501, and SRS-4701

Alexandria Forestry Center
2500 Shreveport Highway
Pineville, LA 71360
(318) 473-7215

The Alexandria Forestry Center in Pineville was constructed in 1963 to house the Forest Sciences Laboratory of the Southern Forest Experiment Station (now SRS), the Supervisor's Office of the Kisatchie National Forest, and Forest Pest Management of State and Private Forestry. The center is located on about 27 acres and includes an insectary, two greenhouses, a forest products building, and a main office/laboratory building. The nearby Palustris Experimental Forest consists of two separate tracts that total 7,500 acres.

SRS-4111, Ecology and Management of Even-Aged Southern Pine Forests. This unit provides fundamental knowledge on the ecology and physiology of southern pine species and even-aged management options to

enhance and sustain the productivity of southern pine ecosystems. The program is the basis for improving our knowledge of the physiological responses to silvicultural

treatments during plantation establishment and development. SRS 4111 Web site: <http://www.srs.fs.fed.us/4111/>.

SRS-4501, Southern Pine Beetle: Ecology, Behavior, and Management. This unit is responsible for Forest Service Research on improved methods for predicting and managing the southern pine beetle through acquisition and use of basic knowledge of its ecology and behavior. SRS-4501 Web site: <http://www.srs.fs.fed.us/4501/>.

SRS-4701, Utilization of Southern Forest Resources. This unit defines and describes the fundamental raw material characteristics influencing the sustainable and environmentally sound use of southern forest resources. SRS-4701 Web site: <http://www.srs.fs.fed.us/4701/>.

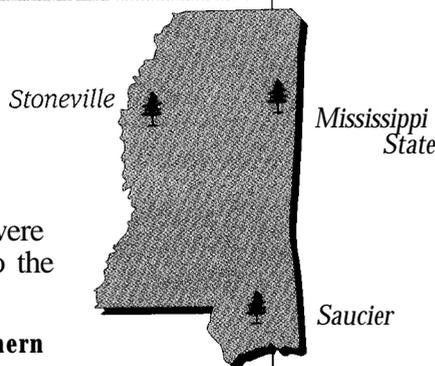
More information available at: <http://www.srs.fs.fed.us>

Caring for the Land and Serving People

Our Scientists at Work: Programs, People, Facilities

SRS-4153

Harrison Experimental Forest
 23332 Highway 67
 Saucier, MS 39574-9344
 (228) 832-2747



The Southern Institute of Forest Genetics was established July 1, 1954, on the Harrison Experimental Forest, located 25 miles north of Gulfport, MS. The experimental forest covers 4,111 acres that typify about 31 millions acres of land with similar spoils and topography in the South. The institute is housed in some buildings that date back to the mid-1930's, constructed by the CWA, Works Progress Administration (WPA), and Civilian Conservation Corps (CCC); four new laboratories for molecular genetic analyses on

southern pines were recently added to the site.

SRS-4153, Southern Institute of Forest Genetics.

The mission of this unit is to discover the principles of heredity that operate in southern forests and demonstrate how these principles may be applied to sustain and enhance forest quality and productivity.

Website for SRS-4153: www.srs.fs.fed.us/sifg/

SRS-4502

P.O. Box 6124
 Mississippi State, MS 39762-6124
 (601) 325-0199

The Forestry Sciences Laboratory, established in 1969 to house seed tree research, genetics, and rural fire research, is on a 7-acre tract adjacent to Mississippi State University. Computer facilities include data base management, image analysis, and geographic information systems.

SRS-4502, Wood Products Insect Research. The mission of this unit is to define the role of termites in forest ecosystems, to improve protection of wood against damage, and to understand the impact of termites on forest health. All new termiticides must undergo extensive laboratory and field testing by this unit prior to Environmental Protection Agency registration.

Website for SRS-4502: www.srs.fs.fed.us/termites/

Caring for the Land and Serving People

Our Scientists at Work: Programs, People, Facilities

SRS-4155

Southern Hardwoods Laboratory
 P.O. Box 277
 Stoneville, MS 38776
 (601) 686-3154

Mississippi State

Stoneville



Saucier

The Southern Hardwoods Laboratory is located on a 3.45-acre site that is part of the Mississippi State Forestry and Agricultural Experiment Station. The 18,000-square-foot building houses offices, a photo lab, and lab facilities for plant pathology, entomology, plant physiology, and soils. The site also has 2,000 square feet of greenhouse space, separate soils building, and an insectary. The 2,900-acre Delta Experimental Forest, 3 miles north of Stoneville, is the site of numerous research plots.

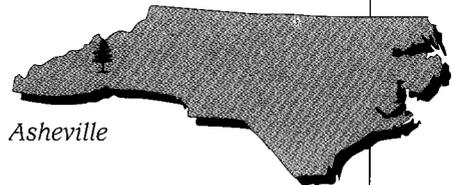
SRS-4155, Center for Southern Bottomland Hardwood and Wetland Forest Ecosystems. This unit conducts research and technology transfer in southern pine genetics/diseases, wood products insects, forest inventory, and management and ecology of bottomland hardwoods; including tree seed technology and regeneration, stand management and forest health, threatened, endangered, and sensitive terrestrial and aquatic fauna, hydrology, and wetlands restoration.

More information available at: <http://www.srs.fs.fed.us/cbhr>

SRS-4801

P.O. Box 2680
 200 W.T. Weaver Blvd.
 Asheville, NC 28802
 (828) 257-4350

Asheville



The headquarters of the SRS occupies 11 acres of land leased from the University of North Carolina and houses the Station Director and staff, administrative units, and SRS-4801. The Asheville Field Office of Forest Health Protection, a unit of the National Forest System's State and Private Forestry, is also located at this site.

SRS-4801, Forest Inventory and Analysis. This unit develops, analyzes, and maintains forest resources infor-

mation for Southern States and conducts research to provide improved inventory and evaluation techniques. In 1996, this unit became part of the SRS's new Southern Forest Inventory, Monitoring and Analysis Program, which consolidated Forest Inventory and Analysis research conducted at Asheville, NC, and Starkville, MS; Forest Health Monitoring for Southern States; and the Biometrics unit, both in Asheville, NC.

More information available at: <http://www.srsfia.usfs.msstate.edu>

Caring for the Land and Serving People

Our Scientists at Work: Programs, People, Facilities

SRS-4101

Bent Creek Experimental Forest
 1577 Brevard Road
 Asheville, NC 28806
 (828) 667-5261

Asheville



The Bent Creek Experimental Forest is located adjacent to Asheville, NC, on land that was once part of the Vanderbilt Estate. Today, scientists at this 6,300-acre tract study regeneration of red oak, site classification, and intermediate stand management. The demonstration forest allows resource managers, students, and private landowners to learn the latest forest management practices.

SRS-4101, Ecology and Management of Southern Appalachian Hardwood Forests. This unit's mission is to develop and disseminate the scientific knowledge and silvicultural techniques needed to provide a full range of benefits in Southern Appalachian forests.

Website for SRS-4101: <http://www.srs.fs.fed.us/bentcreek/>

SRS-4351

Coweeta Hydrologic Laboratory
 3160 Coweeta Lab Road
 Otto, NC 28763
 (828) 524-2128

Nations Educational, Scientific, and Cultural Organization (UNESCO) Man and the Biosphere Program

The Coweeta Hydrologic Laboratory is located in the 5,400-acre Coweeta Basin near Franklin, NC; watershed responses have been studied here for over 60 years. This world-renowned research operation was selected by the National Science Foundation as one of 11 long-term ecological research sites, and was included in the International Biological Program, the International Hydrologic Decade, and United

SRS-4351, Evaluation of Watershed Ecosystem Responses to Natural, Management, and Other Human Disturbances of Southeastern Forests. This unit's mission is to evaluate, explain, and predict how water, soil, and forest resources respond to management practices, natural disturbances, and the atmospheric environment; and to identify practices, which mitigate impacts on these watershed resources.

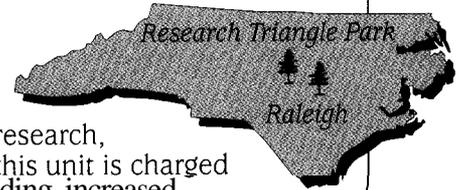
More information available at: <http://www.srs.fs.fed.us>

Caring for the Land and Serving People

Our Scientists at Work: Programs, People, Facilities

SRS-4852

Southern Global Change Program
 920 Main Campus Drive
 Venture Center 2, Ste 300
 Raleigh, NC 27606



The Southern Global Change Program is a member of the Air Resources Consortium on the North Carolina State University (NCSU) campus and has relocated to the Centennial Campus at NCSU.

research, this unit is charged with providing increased understanding of forest ecosystem response to global change. Global change impacts include air pollution, current and potential future climate stress, and changing human resource demands. The program develops and evaluates science-based strategies to ensure sustained productivity and ecosystem health.

SRS-4852, Southern Global Change Program. Through cooperative research efforts and in-house

Website for SRS-4852: <http://www.sgcp.ncsu.edu/sgcp.html>

SRS-4154, SRS-4803, and SRS-4851

Forestry Sciences Laboratory
 3041 Cornwallis Road, P.O. Box 12254
 Research Triangle Park, NC 27709
 (919) 549-4093

The Forestry Sciences Laboratory was built in 1962 on a 26-acre tract donated by the Research Triangle Foundation. A greenhouse, nursery, and service buildings were added later. Its location fosters collaboration with the forestry schools and libraries at Duke University and North Carolina State University.

SRS-4803, Forest Health **Monitoring**. This unit monitors the Nation's forests in order to detect unexpected deviation from established

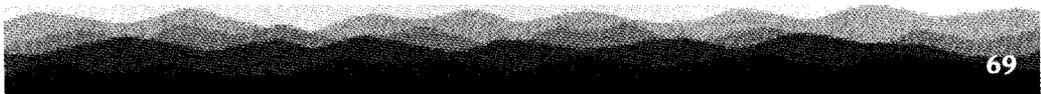
baseline conditions or trends, identify cause, and define basic relationships sufficient to predict consequences.

SRS-4154, Biological Foundations of Southern Forest Productivity and Sustainability. This unit's mission is to quantify aboveground and belowground processes governing forest productivity and sustainability. This research is conducted by scientists at two locations, Research Triangle Park, NC, and Athens, GA.

SRS-4851, Economics of Forest Protection and Management. This unit's mission is to analyze the economic status, trends, and opportunities for forest management in the South, including the effect of public programs and regulations on private forest landowners; to perform economic and impact assessments of forest insect, disease, and other forest health questions; to develop and implement regional forest resource analysis models of inventory, multiple use, and land area interactions; and to evaluate economic and social impacts of changing public values, laws, and programs.

Website for SRS-4154: www.emapfhm.gov/soils/soilhome.htm
 Website for SRS-4803: [www://willow.ncfes.umn.edu/fhm/fhm_hp.htm](http://willow.ncfes.umn.edu/fhm/fhm_hp.htm)
 Website for SRS-4851: www.emapfhm.gov/econ/econhome.htm

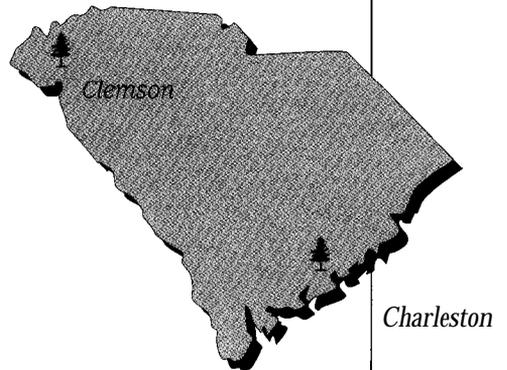
Caring for the Land and Serving People



Our Scientists at Work: Programs, People, Facilities

SRS-4103

Center for Forested Wetlands Research
 2730 Savannah Highway
 Charleston, SC 29414
 (843) 727-4271



The Center for Forested Wetlands Research is located in Charleston, SC. Facilities include a soil and water laboratory, offices, greenhouses, and a library. The Center also administers the 6,100-acre Santee Experimental Forest, northeast of Charleston.

SRS-4103, Center for Forested Wetlands Research. The specific mission of the Center is to develop, quantify, and synthesize ecological information needed to sustainably manage and restore the structure, functions, and productivity of forested wetland landscapes.

Website for SRS-4103: www.srs.fs.fed.us/charleston/

SRS-4201

Department of Forest Resources
 Clemson University
 Clemson, SC 29414
 (864) 656-3284

This unit has office and laboratory space at Clemson University's School of Forest and Recreation Resources.

SRS-4201, Endangered, Threatened, and Sensitive Wildlife and Plant Species in Southern Forests. This unit's mission is to determine habitat and population relationships of wildlife and plant species associated with fragmented and isolated forest communities.

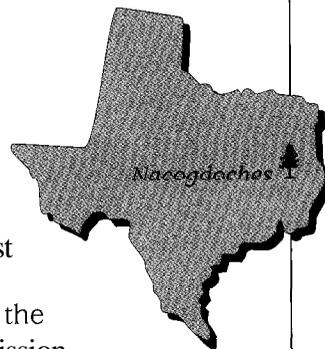
Website for SRS-4201: www.srs.fs.fed.us/4201

Caring for the Land and Serving People

Our Scientists at Work: Programs, People, Facilities

SRS-4251

Wildlife Habitat and Silviculture Laboratory
 Box 7600, SFA Station
 506 Hayter Street
 Nacogdoches, TX 75961
 (409) 569-7981



The Nacogdoches Wildlife Habitat and Silviculture Laboratory is located near the 2500-acre Stephen F. Austin Experimental Forest.

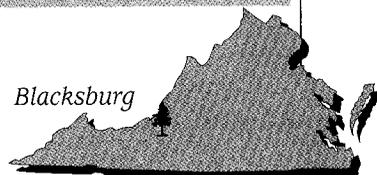
SRS-4251, Integrated Management of Wildlife Habitat and Timber Resources. This unit investigates questions concerning wildlife and habitat

interactions. It is the only Forest Service wildlife research unit in the South whose mission focuses on game and nongame species in addition to threatened and endangered species.

More information available at: <http://www.srs.fs.fed.us>

SRS-4202

Department of Fisheries & Wildlife Services
 Virginia Polytechnic Institute & State University
 Blacksburg, VA 24061
 (540) 231-4016



SRS-4202, Coldwater Streams and Trout Habitat in the Southern Appalachians. This unit's mission is to acquire new knowledge about the factors that influence the distribution, abundance, and productivity of trout and other

coldwater fish in the Southern Appalachians and to provide the technical basis for protecting, enhancing, and restoring coldwater streams and their fauna. The Center for Aquatic Technology Transfer is part of this unit.

Website for SRS-4202: www.trout.forprod.vt.edu

SRS-4702

Brooks Forest Products Center
 Virginia Polytechnic Institute & State University
 1650 Raintble Rd. • Blacksburg, VA 24061
 (540) 231-4016

SRS-4702, Integrated Life Cycle of Wood: Tree Quality, Processing, and Recycling.

This unit's mission is to enhance wood resource conservation and sustainability through advanced timber analysis and wood processing, and effective wood product recovery, reuse, and recycling.

Website for SRS-4702: www.se4702.forprod.vt.edu

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