

Appendix— *Budget and Work Units*

2002



FY02 Allocations to
Resource Categories ... 110

FY02 Allocations to
Research Work Units .. 111

Collaborative Research 112

Research Work Unit
Directory 114

Experimental Forests .. 116

Administration 118

FY02 Allocations to Resource Categories

110

Fundamental Plant Science.	\$3,873,000
Silvicultural Applications.	5,219,000
Quantitative Analysis.	1,285,000
Forest and Rangeland Management.	2,197,000
Forest Operations Engineering.	1,207,000
Insects/Diseases/Exotic Weeds.	5,793,000
Fire Science.	1,457,000
Terrestrial Wildlife.	1,835,000
Aquatic Habitat.	941,000
Watershed.	2,762,000
Atmospheric Sciences.	1,066,000
Economics.	1,640,000
Wilderness.	102,000
Social/Cultural.	914,000
Urban Forestry.	52,000
Forest Products, Utilization, and Processing.	2,009,000
Forest Inventory and Analysis.	11,820,000
Monitoring Methods/Applications.	334,000
 Total.	 \$44,506,000

FY02 Initial Allocations to Research Work Units

Out of the initial allocation, SRS provided \$5.4 million to aid in fighting the extensive wildfires that occurred in FY02.

4101	Southern Appalachian Forests, <i>Asheville, NC</i>	\$1,798,000
4103	Center for Forested Wetlands, <i>Charleston, SC</i>	1,205,000
4104	Disturbance of Southern Pine Ecosystems, <i>Athens, GA</i>	1,814,000
4105	Vegetation Management and Longleaf Pine, <i>Auburn, AL</i>	1,169,000
4106	Upland Forest Ecosystems, <i>Monticello, AR</i>	1,768,000
4111	Even-aged Management of Southern Pines, <i>Pineville, LA</i>	1,573,000
4153	Southern Institute of Forest Genetics, <i>Saucier, MS</i>	1,785,000
4154	Biological Foundations of Sustainability, <i>Research Triangle Park, NC</i>	2,426,000
4155	Center for Bottomland Hardwoods, <i>Stoneville, MS</i>	3,715,000
4201	Endangered (TES) Species, <i>Clemson, SC</i>	615,000
4202	Coldwater Streams and Trout Habitat, <i>Blacksburg, VA</i>	520,000
4251	Wildlife Habitat and Timber Resource Integration, <i>Nacogdoches, TX</i>	1,125,000
4351	Watershed Responses to Disturbance, <i>Franklin, NC</i>	1,515,000
4501	Bark Beetles and Invasive Insects, <i>Pineville, LA</i>	1,004,000
4502	Wood Products Insect Research, <i>Starkville, MS</i>	1,035,000
4505	Insects and Diseases, <i>Athens, GA</i>	1,844,000
4701	Southern Forest Resource Utilization, <i>Pineville, LA</i>	1,226,000
4702	Tree Quality, Processing, and Recycling, <i>Blacksburg, VA</i>	495,000
4703	Forest Operations Research, <i>Auburn, AL</i>	1,246,000
4801	Forest Inventory and Analysis, <i>Knoxville, TN</i>	11,820,000
4802	Legal, Tax, and Economic Influences, <i>New Orleans, LA</i>	1,006,000
4803	Forest Health Monitoring, <i>Research Triangle Park, NC</i>	334,000
4851	Economics of Forest Resources, <i>Research Triangle Park, NC</i>	970,000
4852	Southern Global Change Program, <i>Raleigh, NC</i>	1,376,000
4901	Recreation, Urban Forests, and Human Dimensions, <i>Athens, GA</i>	732,000
4XXX	Wildland-Urban Interface, <i>Gainesville, FL</i>	390,000
	Total	\$44,506,000



Collaborative Research

112

Collaborative research and development with universities, private corporations, nongovernmental organizations, and other Federal and State agencies is a cornerstone of the SRS program. These activities involve the funding of extramural studies under cooperative agreements, grants, and interagency agreements. Working with partners is an effective way to leverage our funding to conduct research efforts that benefit a wide range of research results users.

A total of \$8,870,292.68 supported research studies under grants and cooperative agreements in FY02 with the following:

Domestic non-Federal Agreements

Alabama A&M University	Mississippi State University
Alabama Forestry Commission	University of Missouri
Arkansas Technical University	Morehead State University
University of Arkansas	The Nature Conservancy
Auburn University	University of Nevada
College of Charleston	North Carolina Department of Environment, Health, and Natural Resources
Clemson University	North Carolina Wildlife Resources Commission
Colorado State Forest Service	North Carolina State University
Tommy R. Dell	University of North Carolina at Asheville
Duke University	Oklahoma State University
Florida A&M University	Pinchot Institute for Conservation
Florida Department of Agriculture and Consumer Services	Society of American Foresters
University of Florida	Soil Conservation Organization Conference
Furman University	South Carolina Forestry Commission
Georgia Forestry Commission	Southern Illinois University
University of Georgia Research Foundation, Inc.	University of Southern Mississippi
University of Georgia	Stephen F. Austin State University
J. W. Jones Ecological Research Center	Tall Timbers Research Station
Kentucky Division of Forestry	University of Tennessee
University of Kentucky Research Foundation	Texas Agricultural Experiment Station
Louisiana Department of Agriculture	Texas Forest Service
Louisiana State University	Virginia Department of Forestry
University of Maine	Virginia Polytechnic Institute & State University
	University of Wisconsin

Collaborative Research

Interagency Agreements

A total of \$1,039,980 supported research studies under interagency agreements in FY02 with the following:

Department of Energy/Oak Ridge National Research Laboratory
Department of Interior Minerals Management Services
Eglin Air Force Base
South Carolina CASU
USDI Fish and Wildlife
USDA APHIS
USDA Agricultural Research Service
USDI National Park Service
VA North Texas Health Care System

External Funding

Many research work units have agreements to receive external funding from other sources. The SRS received \$4,300,000 from other Federal and non-Federal sources to support research and development projects designed to meet the missions of the cooperators involved.

Non-Federal Cooperators

American Forest and Paper Association
Arvesta Corp.
Aventis Environmental Science
BASF
Dover, Delaware Parks and Recreation
Duke University
E.I. Dupont de Nemours
FMC Corp
Fiber Research Inc.
Forest Technology Group
University of Georgia Research Foundation, Inc.
Georgia Pacific
Hancock Timber Resource
International Paper
Joseph W. Jones Ecological Center

Landis International
Louisiana State University
Mead-Westvaco
University of Minnesota
National Council of the Paper Industry for Air & Stream Improvement (NCASI)
Nevada Division of Parks and Recreation
National Fish and Wildlife Foundation
Phero Tech
Plum Creek Timber
Quantum
Rayonier, Inc.
Resource Management Service
Roy O. Martin Lumber Co.
South Carolina Department of Natural Resources
Syngenta Corp.
Temple-Inland Forest Products
Texas Parks and Wildlife
Wes Min RC and DC
Weyerhaeuser

Federal Cooperators

Department of Agriculture, Agricultural Research Service
Department of Agriculture, Animal and Plant Health Inspection Service (APHIS)
Department of Agriculture, Cooperative State Research, Education, and Extension Service (CSREES)
Department of Agriculture, Economic Research Service
Department of the Army, Corps of Engineers
Department of Defense
Department of the Interior, Bureau of Land Management
Department of the Interior, Fish and Wildlife Service
Department of the Interior, Geological Survey
Department of the Interior, National Park Service
Department of the Navy, Office of Naval Research





Research Work Unit Directory

114

SRS-4105, Vegetation Management and Longleaf Pine; and SRS-4703, Forest Operations Research, are located at:

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

SRS-4105 Web site:

<http://www.srs.fs.fed.us/4105/index.html>

SRS-4703 Web site:

<http://www.srs.fs.fed.us/forestops/>

SRS-4106, Upland Forest Ecosystems, is located at:

Forest Resources Building, Room 114
University of Arkansas at Monticello
P.O. Box 3516, UAM Station
Monticello, AR 71656-3516
870-367-3464

SRS-4106 Web site:

<http://www.srs.fs.fed.us/4106/>

SRS-4104, Disturbance of Southern Pine Ecosystems; SRS-4505, Insects and Diseases; and SRS-4901, Recreation, Urban Forests, and Human Dimensions, are located at:

Forestry Sciences Laboratory
320 Green Street
Athens, GA 30602-2044
706-559-4222

SRS-4104 Web site:

<http://www.srs.fs.fed.us/disturbance/>

SRS-4505 Web site:

<http://www.srs.fs.fed.us/4505/>

SRS-4901 Web site:

<http://www.srs.fs.fed.us/trends/>

SRS-4XXX, Center for Southern Wildland-Urban Interface Research and Information is located at:

408 West University Avenue
Gainesville, FL 32601
404-347-1647

SRS-4XXX Web site:

<http://www.interfacesouth.org/>

SRS-4802, Legal, Tax, and Economic Influences, is located at:

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

SRS-4802 Web site:

<http://www.srs.fs.fed.us/4802/>

SRS-4111, Even-aged Southern Pine Forests, SRS-4501; Bark Beetles and Invasive Insects; and SRS-4701, Southern Forest Resource Utilization, are located at:

Alexandria Forestry Center
2500 Shreveport Highway
Pineville, LA 71360
318-473-7216

SRS-4111 Web site:

<http://www.srs.fs.fed.us/4111/>

SRS-4501 Web site:

<http://www.srs.fs.fed.us/4501/>

SRS-4701 Web site:

<http://www.srs.fs.fed.us/4701/>

SRS-4153, Southern Institute of Forest Genetics, is located at:

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

SRS-4153 Web site:

<http://www.srs.fs.fed.us/sifig/>

SRS-4502, Wood Products Insect Research, is located at:

201 Lincoln Drive
Starkville, MS 39759
662-338-3100

SRS-4502 Web site:

<http://www.srs.fs.fed.us/termites/>

SRS-4155, Center for Bottomland Hardwoods, is located at:

Southern Hardwoods Laboratory
P.O. Box 227
Stoneville, MS 38776-0227
662-686-3154

SRS-4155 Web site:

<http://www.srs.fs.fed.us/cbhr>

Research Work Unit Directory

SRS-4801, Forest Inventory and Analysis, is located at:

Southern Research Station
4700 Old Kingston Pike
Knoxville, TN 37919
865-862-2027
SRS-4801 Web site:
<http://srsfia1.fia.srs.fs.fed.us/>

SRS-4101, Southern Appalachian Forests, is located at:

Bent Creek Experimental Forest
1577 Brevard Road
Asheville, NC 28806
828-667-5261
SRS-4101 Web site:
<http://www.srs.fs.fed.us/bentcreek/>

SRS-4351, Watershed Responses to Disturbance, is located at:

Coweeta Hydrologic Laboratory
3160 Coweeta Lab Road,
Otto, NC 28763
828-524-2128
SRS-4351 Web site:
<http://coweeta.ecology.uga.edu/>

SRS-4852, Southern Global Change Program, is located at:

920 Main Campus Drive
Venture Center 11, Suite 300
Raleigh, NC 27606
919-515-9489
SRS-4852 Web site:
<http://www.sgccp.ncsu.edu/>

SRS-4154 Biological Foundations of Sustainability; SRS-4803, Forest Health Monitoring; and SRS-4851, Economics of Forest Resources, are located at:

Forestry Sciences Laboratory
3041 E. Cornwallis Road
P.O. Box 12254
Research Triangle Park, NC 27709
919-549-4000
SRS-4154 Web site:
<http://www.rtp.srs.fs.fed.us/soils/soilhome.htm>
SRS-4803 Web site:
http://willow.ncfes.umn.edu/fhm/fhm_hp.htm
SRS-4851 Web site:
<http://www.rtp.srs.fs.fed.us/econ/>

SRS-4103, Center for Forested Wetlands, is located at:

Center for Forested Wetlands Research
2730 Savannah Highway
Charleston, SC 29414
843-766-0371
SRS-4103 Web site:
<http://www.srs.fs.fed.us/charleston/>

SRS-4201, Threatened and Endangered Species, is located at:

Department of Forest Resources
Clemson University
Clemson, SC 29634-1003
864-656-3284
SRS-4201 Web site:
<http://www.srs.fs.fed.us/4201/>

SRS-4251, Wildlife Habitat and Timber Resources Integration, is located at:

Wildlife Habitat and Silviculture Laboratory
Box 7600, SFA Station
506 Hayter Street
Nacogdoches, TX 75962
936-569-7981
SRS-4251 Web site:
<http://www.srs.fs.fed.us/wildlife/index.html>

SRS-4202, Coldwater Streams and Trout Habitat; and SRS-4702, Tree Quality, Processing, and Recycling, are located at:

1650 Ramble Road
Blacksburg, VA 24060-0503
540-231-4016
SRS-4202 Web site:
<http://www.trout.forprod.vt.edu/>
SRS-4702 Web site:
<http://www.srs4702.forprod.vt.edu/>

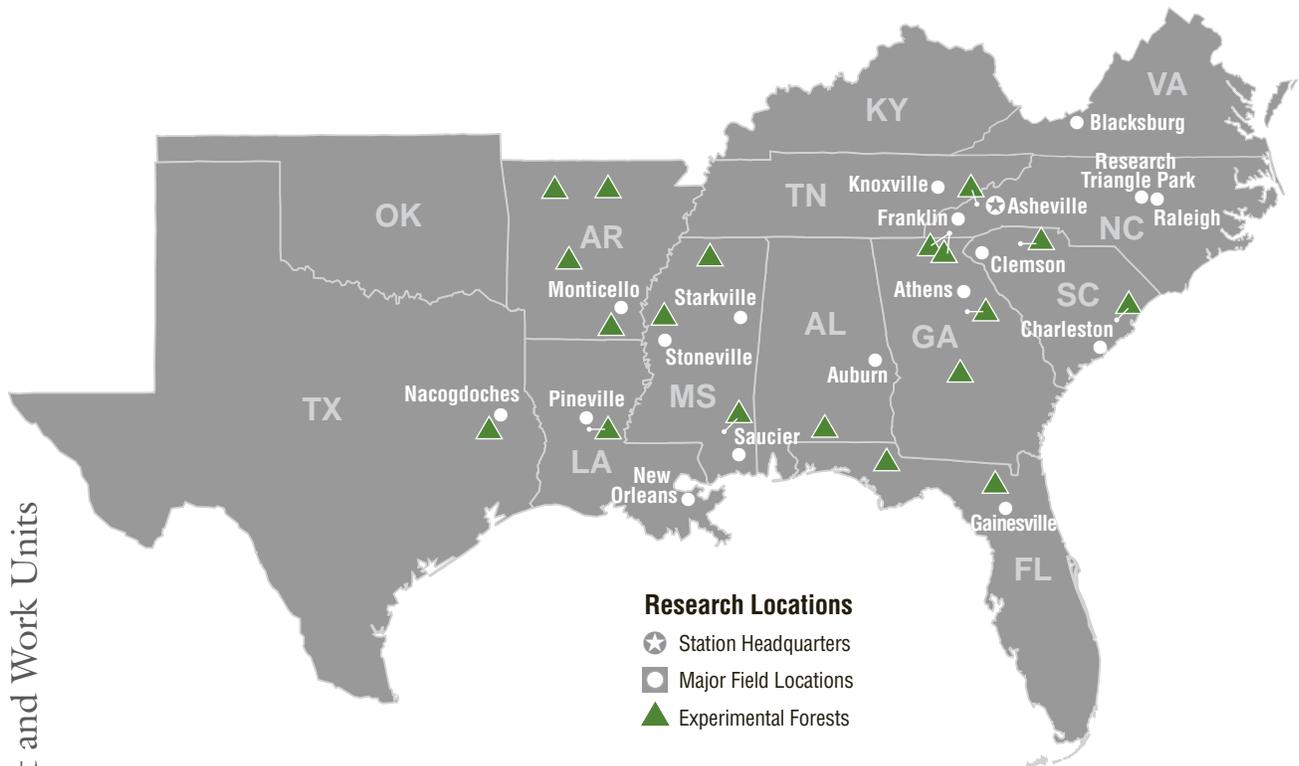




Experimental Forests

The SRS maintains 19 experimental forests located on or near National Forest System lands. Scientists use these as sites for their studies and demonstration projects in conjunction with the managing national forest unit. Experimental forests are designated to represent a specific ecosystem or forest type, and to present opportunities for the study of different approaches to sustaining forested ecosystems. Several of the experimental forests in the South were selected for their potential to demonstrate rehabilitation of deteriorated farm forests and soil resources that occurred during early European settlement and plantation farming of the region.

Among the experiments conducted on these forests are studies on stand management and regeneration; restoration of wildlife and plant populations; watershed management; and the effects of pollution, climate change, and timber harvest. Many experimental forests also provide educational and nonmotorized recreation activities, including interpretation to enhance public understanding of forest management principles. Research on experimental forests plays a vital role in the conservation of America's natural resources.



Experimental Forests

State	Experimental Forest	National Forest	Acres	Date Established
Alabama	Escambia	(private)	3,000	06/14/61
Arkansas	Alum Creek	Ouachita	4,659	04/02/59
	Crossett	Ouachita	1,680	08/27/34
	Henry R. Koen	Ozark	720	09/17/51
	Sylamore	Ozark	4,292	03/28/34
Florida	Chipola	(private)	2,760	06/21/61
	Olustee	Osceola	3,500	03/28/34
Georgia	Hitchiti	Oconee	4,602	12/04/61
	Scull Shoals	Oconee	4,500	09/17/38
Louisiana	Palustris	Kisatchie	7,515	07/19/35
Mississippi	Delta	(private)	2,600	06/14/61
	Harrison	DeSoto	4,111	07/19/34
	Tallahatchie	Holly Springs	4,569	04/12/50
North Carolina	Bent Creek	Pisgah	5,242	06/25/27
	Blue Valley	Nantahala	1,200	06/23/64
	Coweeta	Nantahala	5,482	03/28/34
South Carolina	John C. Calhoun	Sumter	5,082	10/08/47
	Santee	Francis-Marion	6,000	07/06/37
Texas	Stephen F. Austin	Angelina	2,499	06/28/61



**Civil Rights**

The Southern Research Station continues its strong commitment to Civil Rights and efforts toward recruitment and retention of a highly skilled diverse workforce. Operating with a full-time Civil Rights Director and a Stationwide CR committee, SRS works to assure a fully engaged workforce and a trusting work environment.

Support for recruitment initiatives at Florida and Alabama A&M Universities (FAMU and AAMU), and the conservation education intern program, remains strong. This year, SRS hired two employees from underrepresented groups under the National Scientist Recruitment Initiative and continued the support of two other Scientist Recruitment Initiative trainees. Recurring multicultural events are a way to develop and nurture a more diverse and inclusive workforce.

Some SRS research is addressing social and economic relationships between forests and people, particularly underserved communities. Examples include scientists partnering with Native American tribes in the southeast and the northwest to transfer research in tree nursery management and use of longleaf pine needles for basket-making enterprises. One example of SRS global support of underserved populations is the technical support on a USAID project provided through International Forestry to underprivileged people in Bolivia.

Multicultural Workforce Strategic Initiative at AAMU

Alabama A&M University (AAMU) underwent a rigorous academic curriculum evaluation and review process during FY02 and was successful in achieving professional accreditation status from the Society of American Foresters. This is a significant achievement because AAMU is the first Historically Black College or University to receive this distinction. SRS has provided unwavering support of the multicultural recruitment initiative over the last ten years at AAMU, which was instrumental in the review.

Florida A&M University Symposium

In 1992, Florida A&M University and the University of Florida implemented a 2+2 joint degree program in Forestry and Natural Resources Conservation. This program has been largely funded by the national initiatives of the USDA Forest Service. A Symposium celebrating the tenth anniversary brought together graduates of the program, current students, and officials from various universities, the Forest Service, other agencies, and private industry. The purpose of the four-day symposium was to highlight the program and its contribution to increasing minority professionals in forestry and natural resources. The symposium was a big success. It will enhance recruitment, retention and graduation of more minority professionals in forestry and natural resources. The proceedings published from this event will become a reference material for educators and professionals in the field of forestry and natural resources conservation.

Administration

Conservation Education Outreach Program

The Conservation Education Outreach Program (CEOP) continues to be an integral part of the overall education effort of the Southern Research Station. The concept of the CEOP is to engage youngsters in conservation education activities in urban settings in the inner cities where they live. The target audiences are selected for cultural, sociological, and economic diversity specifically including underserved, nontraditional publics. The goals of the program are: (1) to interact with urban youth from diverse age groups, socioeconomic backgrounds, ethnicities, and geographic locations helping them gain an appreciation for natural resources conservation and sustainability; (2) to create an interest in Forest Service careers among underrepresented populations in urban environments; and (3) to provide contact between scientists and the summer interns to encourage them to pursue advanced degrees, thereby expanding the pool of diverse candidates for research positions.

Conservation Education interns teaching urban youth at a city park.

USDA Forest Service

Two teams of 4 interns were employed by SRS, with one stationed in Asheville, NC and the other in Huntsville, AL. They worked with youngsters from preschool through high school, at locations throughout the South. They did a variety of teaching activities with groups from 30 to 200 youngsters at each site visit, reaching over 3,000 youngsters during the summer of FY02. An estimated 1,000 youngsters were not reached this summer due to budget cuts because of wildfires out West. Additional teams trained in Asheville worked out of Philadelphia, Milwaukee, and Atlanta. Based on popular demand from local youth community centers, the Huntsville Team expanded its program from summer-only to year-round. The Huntsville Team Leader took the initiative to create a partnership with the North Alabama Extension Service at AAMU. Through program expansion and the partnership, children in rural communities all over Alabama will have the opportunity to engage in conservation education activities throughout the school year. AAMU Initiative students were instrumental in providing the personnel required for park revitalization and nature trail projects in the City of Triana.



Administration

Information Resources

During FY02, Information Resources (IR) expanded customer support by implementing the IR Help Desk for the Southern Research Station Headquarters and National Forests in North Carolina that provides employees with a single number to call for technical computer assistance. Nine North Carolina National Forest Ranger Districts' were consolidated with the SRS Headquarters computer servers to decrease the amount of resources to support. Information Resources has been instrumental in implementing the Forest Service's Tivoli Management software throughout the South in order to improve computer support.

Human Resources

The Human Resource Office (HR) for the Southern Research Station and Eastern Administrative Zone (EAZ) had the most positions advertised under the Avue Staffing pilot of any Region or Station in the country. Because of the number of positions advertised, they were able to provide valuable information to the Washington Office and the Avue steering team on many staffing issues concerning this new technology. Two HR employees are on two of the national Avue teams. Additionally, HR is working with customers on a Staffing and Classification Review to find ways to improve service and reduce processing times. As a result of the meetings a draft implementation plan was submitted to the Board of Directors with many actions items underway and others to be implemented this coming year.

Information Distribution

The SRS Web presence (www.srs.fs.fed.us) grows in strength continuously and features special sections designed to assist users from forest landowners to Members of Congress. As the Internet reaches out into more rural areas, ever-increasing access for previously underserved constituents should result. Web site "hits" now number over 4 million for FY02. Although more than a million hits this fiscal year were due to the Southern Forest Resource Assessment, each year

shows a substantial increase in SRS Web site visitation. Approximately 10 to 15 percent of the Web site users are from foreign countries. Through the SRS Web site, over 1,000,000 publication requests have been filled.

Publication Requests Filled

Fiscal Year	Hard Copy	Electronic Downloads
1998	70,000	25,000
1999	33,500	151,000
2000	22,000	200,000
2001	21,000	500,000
2002	26,700	1,000,000

The SRS manages Web sites for 6 separate domains: USDA Forest Service Southern Region, Urban Forestry South, USDA Forest Service Strategic Plan, The Natural Inquirer, Green America, and Shining Rock Wilderness. SRS also has more than a dozen special project Web sites: Model for National Publications Database of Forest Service research; Southern Forest Resource Assessment; Conservation Education; Congressional Corner for Southern Forest Research; National Multicultural Recruitment Initiative at Alabama A&M University; Smoke Management Project, Fire and Fire Surrogate Studies in Myakka River State Park-Florida, Southeastern Piedmont, and Solon Dixon; Sustainable Forest Management for Brazil; Gila National Forest Dynamic Recreation Map Site; Electronic Customer Comment Cards; and various sites for special events and conferences.

The SRS database delivery of Forest Service research publications via the Internet began in 1999 to better organize and distribute a rapidly growing wealth of data. Since that time the project has undergone several revisions and enhancements to become the standard for online



Administration

delivery of publications. The public has benefited by our development of a fast, effective mechanism for delivery of research products. The database currently receives 2,000-3,000 requests per day and is fully indexed by major search engines so that advertising of these products is ubiquitous. Last spring the SRS database was expanded to include records from the other stations or laboratories of origin. Working closely with other Forest Service Research and Development communications offices, the database has dramatically increased to over 5,000 records with links to full text publications.

SRS continues to provide hard copy publications by mail for people who prefer to receive them that way or do not have Internet access. The *Compass*, the SRS quarterly catalog, describes current research publications which are available hard copy or electronically. It also includes information about the SRS and its personnel, and a theme focus on some of the recent publications, as well as the current abstracts that have always been its primary content. Approximately 26,700 publications were mailed out in FY02. ▲



Conservation Education interns teaching urban youth at a city park.

USDA Forest Service





Please contact us anytime you have questions or comments about the services of the Southern Research Station.

To receive our quarterly catalog of recent publications, the "Compass," send us your name and address and we will be happy to add you to our mailing list. The catalog is also on our Web site and you can subscribe to a listserv to receive it by e-mail.

**USDA Forest Service
Southern Research Station**

200 W.T. Weaver Boulevard; P.O. Box 2680
Asheville, NC 28802
828-257-4832; TDD: 828-259-0503;
Fax: 828-257-4840

Web site: <http://www.srs.fs.fed.us>
or <http://www.srs.fs.usda.gov>

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February 2003

Caring for the Land and Serving People