



USDA Forest Service



American Recovery and

Reinvestment Act

State and Private Forestry Projects

Report as of Friday, January 22, 2010

Alabama

Regional Longleaf Pine Restoration Initiative and Fuels Management

Date of Announcement: May 5, 2009

Estimated Funding: \$8,975,000 for Hazardous Fuels/Ecosystem Restoration - S&PF Lands

State(s): Alabama, Florida, Georgia, North Carolina, South Carolina

County(ies): Alabama: Autauga, Baldwin, Barbour, Bibb, Blount, Bullock, Butler, Calhoun, Chambers, Cherokee, Chilton, Choctaw, Clarke, Clay, Cleburne, Coffee, Colbert, Conecuh, Coosa, Covington, Crenshaw, Cullman, Dale, Dallas, DeKalb, Elmore, Escambia, Etowah, Fayette, Franklin, Geneva, Greene, Hale, Henry, Houston, Jackson, Jefferson, Lamar, Lauderdale, Lawrence, Lee, Limestone, Lowndes, Macon, Madison, Marengo, Marion, Marshall, Mobile, Monroe, Montgomery, Morgan, Perry, Pickens, Pike, Randolph, Russell, Saint Clair, Shelby, Sumter, Talladega, Tallapoosa, Tuscaloosa, Walker, Washington, Wilcox, Winston

Florida: Alachua, Baker, Bay, Bradford, Brevard, Broward, Calhoun, Charlotte, Citrus, Clay, Collier, Columbia, DeSoto, Dixie, Duval, Escambia, Flagler, Franklin, Gadsden, Gilchrist, Glades, Gulf, Hamilton, Hardee, Hendry, Hernando, Highlands, Hillsborough, Holmes, Indian River, Jackson, Jefferson, Lafayette, Lake, Lee, Leon, Levy, Liberty, Madison, Manatee, Marion, Martin, Miami-Dade, Monroe, Nassau, Okaloosa, Okeechobee, Orange, Osceola, Palm Beach, Pasco, Pinellas, Polk, Putnam, Saint Johns, Saint Lucie, Santa Rosa, Sarasota, Seminole, Sumter, Suwannee, Taylor, Union, Volusia, Wakulla, Walton, Washington

Georgia: Appling, Atkinson, Bacon, Baker, Baldwin, Banks, Barrow, Bartow, Ben Hill, Berrien, Bibb, Bleckley, Brantley, Brooks, Bryan, Bulloch, Burke, Butts, Calhoun, Camden, Candler, Carroll, Catoosa, Charlton, Chatham, Chattahoochee, Chattooga, Cherokee, Clarke, Clay, Clayton, Clinch, Cobb, Coffee, Colquitt, Columbia, Cook, Coweta, Crawford, Crisp, Dade, Dawson, Decatur, DeKalb, Dodge, Dooly, Dougherty, Douglas, Early, Echols, Effingham, Elbert, Emanuel, Evans, Fannin, Fayette, Floyd, Forsyth, Franklin, Fulton, Gilmer, Glascock, Glynn, Gordon, Grady, Greene, Gwinnett, Habersham, Hall, Hancock, Haralson, Harris, Hart, Heard, Henry, Houston, Irwin, Jackson, Jasper, Jeff Davis, Jefferson, Jenkins, Johnson, Jones, Lamar, Lanier, Laurens, Lee, Liberty, Lincoln, Long, Lowndes, Lumpkin, McDuffie, McIntosh, Macon, Madison, Marion, Meriwether, Miller, Mitchell, Monroe, Montgomery, Morgan, Murray, Muscogee, Newton, Oconee, Oglethorpe, Paulding, Peach, Pickens, Pierce, Pike, Polk, Pulaski, Putnam, Quitman, Rabun, Randolph, Richmond, Rockdale, Schley, Screven, Seminole, Spalding, Stephens, Stewart, Sumter, Talbot, Taliaferro, Tattnall, Taylor, Telfair, Terrell, Thomas, Tift, Toombs, Towns, Treutlen, Troup, Turner, Twiggs, Union, Upson, Walker, Walton, Ware, Warren, Washington, Wayne, Webster, Wheeler, White, Whitfield, Wilcox, Wilkes, Wilkinson, Worth

North Carolina: Alamance, Alexander, Alleghany, Anson, Ashe, Avery, Beaufort, Bertie, Bladen, Brunswick, Buncombe, Burke, Cabarrus, Caldwell, Camden, Carteret, Caswell, Catawba, Chatham, Cherokee, Chowan, Clay, Cleveland, Columbus, Craven, Cumberland, Currituck, Dare, Davidson, Davie, Duplin, Durham, Edgecombe, Forsyth, Franklin, Gaston, Gates, Graham, Granville, Greene, Guilford, Halifax, Harnett, Haywood, Henderson, Hertford, Hoke, Hyde, Iredell, Jackson, Johnston, Jones, Lee, Lenoir, Lincoln, McDowell, Macon, Madison, Martin, Mecklenburg, Mitchell, Montgomery, Moore, Nash, New Hanover, Northampton, Onslow, Orange, Pamlico, Pasquotank, Pender, Perquimans, Person, Pitt, Polk, Randolph, Richmond, Robeson, Rockingham, Rowan, Rutherford, Sampson, Scotland, Stanly, Stokes, Surry, Swain, Transylvania, Tyrrell, Union, Vance, Wake, Warren, Washington,

Watauga, Wayne, Wilkes, Wilson, Yadkin, Yancey

South Carolina: Abbeville, Aiken, Allendale, Anderson, Bamberg, Barnwell, Beaufort, Berkeley, Calhoun, Charleston, Cherokee, Chester, Chesterfield, Clarendon, Colleton, Darlington, Dillon, Dorchester, Edgefield, Fairfield, Florence, Georgetown, Greenville, Greenwood, Hampton, Horry, Jasper, Kershaw, Lancaster, Laurens, Lee, Lexington, McCormick, Marion, Marlboro, Newberry, Oconee, Orangeburg, Pickens, Richland, Saluda, Spartanburg, Sumter, Union, Williamsburg, York

Longleaf pine forests once covered a vast range from Texas to Virginia. Since that time, this longleaf forest has been reduced to three percent of historical acreage due to conversion to other land uses and forest types. Longleaf pine forests are highly valued for their resistance to damage by insects, diseases, wildfire, and storms, and for their yield of high quality wood products, biological diversity, and beauty. Under this program, state forestry agencies in Alabama, Georgia, Florida, South Carolina, and North Carolina are putting Americans to work restoring these valuable forests. Activities include restoring longleaf pine seed, seedlings, and native understory plants; coordinating efforts across broad partnerships; and providing educational materials and training to the public and staff. This work is helping to restore a threatened ecosystem while creating jobs for contractors and laborers involved in tree planting and forest improvement work, nursery workers, conservation planners and coordinators, media specialists, and educators.

Alabama State Cogongrass Task Forces' War on Cogongrass

Date of Announcement: May 14, 2009

Estimated Funding: \$6,281,000 for Forest Health - Cooperative State(s): Alabama

County(ies): Autauga, Baldwin, Barbour, Bibb, Blount, Bullock, Butler, Calhoun, Chambers, Cherokee, Chilton, Choctaw, Clarke, Clay, Cleburne, Coffee, Colbert, Conecuh, Coosa, Covington, Crenshaw, Cullman, Dale, Dallas, DeKalb, Elmore, Escambia, Etowah, Fayette, Franklin, Geneva, Greene, Hale, Henry, Houston, Jackson, Jefferson, Lamar, Lauderdale, Lawrence, Lee, Limestone, Lowndes, Macon, Madison, Marengo, Marion, Marshall, Mobile, Monroe, Montgomery, Morgan, Perry, Pickens, Pike, Randolph, Russell, Saint Clair, Shelby, Sumter, Talladega, Tallapoosa, Tuscaloosa, Walker, Washington, Wilcox, Winston

Alabama faces a crisis as it continues to lose the battle against the devastating onslaught of cogongrass (*Imperata cylindrical* (L.) Beauv. (Incl. *I. brasiliensis*), a federally listed invasive weed and considered one of the top ten most invasive weeds in the world. Since its introduction in southwest Alabama in 1912, cogongrass has become epidemic in parts of Alabama, Mississippi, and Florida. The potential for the continued spread across the lower United States is problematic unless a sustained campaign to halt its advancement is made. Unchecked, cogongrass will dominate the southern landscape turning a dynamic and diverse ecosystem into a monoculture unsuitable and unproductive and multiple use objectives such as recreation, wildfire habitat, hay and sod production, timber management and biodiversity conservation. Further, cogongrass poses a real and present danger in the form of a highly flammable fuel promoting severe wildfire that threatens homes, structures and habitats. This project will treat cogongrass utilizing a variety of invasive vegetation species treatment methods such as mechanical, prescribed burning, and herbicide application where appropriate.

Alabama Prescribe Burning & Hazard Fuel Reduction

Date of Announcement: August 18, 2009

**Estimated Funding: \$5,000,000 for Hazardous Fuels/Ecosystem Restoration - S&PF Lands
State(s): Alabama**

County(ies): Autauga, Baldwin, Barbour, Bibb, Blount, Bullock, Butler, Calhoun, Chambers, Cherokee, Chilton, Choctaw, Clarke, Clay, Cleburne, Coffee, Colbert, Conecuh, Coosa, Covington, Crenshaw, Cullman, Dale, Dallas, DeKalb, Elmore, Escambia, Etowah, Fayette, Franklin, Geneva, Greene, Hale, Henry, Houston, Jackson, Jefferson, Lamar, Lauderdale, Lawrence, Lee, Limestone, Lowndes, Macon, Madison, Marengo, Marion, Marshall, Mobile, Monroe, Montgomery, Morgan, Perry, Pickens, Pike, Randolph, Russell, Saint Clair, Shelby, Sumter, Talladega, Tallapoosa, Tuscaloosa, Walker, Washington, Wilcox, Winston

Alabama is blessed with an abundance of natural resources, including 22.7 million acres of timberland. This timberland asset is the foundation for a thriving ecosystem, diverse wildlife and fisheries populations, a multitude of recreational opportunities, and has been the essential basis for a robust forest products industry. Historically, fire has been a vital component in many of the ecosystems represented across Alabama and has proven a useful management tool employed by forest managers in maintaining the health and integrity of these forests. Unfortunately, fire and prescribed burning in particular have been maligned resulting in significant reduction of utilization to the point of virtually total exclusion from implementation as a management component. Consequently, the threat to forest resources and risk to timber and real property from severe wildfire have risen proportionately. This project will treat hazardous fuels through various management techniques including prescribed fire.

Alaska

Fairbanks North Star Borough and Yukon-Koyukuk Area Hazardous Fuels Reduction

Date of Announcement: March 9, 2009

Estimated Funding: \$1,500,000 for Hazardous Fuels/Ecosystem Restoration - S&PF Lands

State(s): Alaska

County(ies): Fairbanks North Star Borough, Yukon-Koyukuk Census Area

This project will repair and reconstruct roads to comply with the Alaska Forest Practices Act for water quality and operability by installing culverts, ditching, resurfacing, and clearing access to the forest for future harvest of biofuels. Improved access will facilitate sustainable forest products industry jobs in the area. In addition, this project will create new temporary jobs to treat 55 acres of hazardous fuels in six villages by thinning black spruce and mixed hardwoods 200 feet around homes and infrastructure facilities, as identified in Community Wildfire Protection Plans to provide defensible space. Following treatment, the acres will be scraped up to 25 feet wide with a dozer to initiate conversion to natural hardwoods and provide a defensible fuel break around the villages. In the Fairbanks North Star Borough, new temporary jobs will be created to remove hazardous fuels in the following areas: Old Murphy Dome Road, Washington Creek, Chatanika River, Salcha, and South Fork Chena River. Additional temporary jobs will be created to precommercial thin 125 acres of densely overstocked lands and perform 10 miles of road maintenance.

Daves Creek Watershed Restoration

Date of Announcement: September 9, 2009

Estimated Funding: \$200,000 for Forest Health - Cooperative State(s): Alaska

County(ies): Kenai Peninsula Borough

The first half mile of Daves Creek on the Alaska's Kenai Peninsula has been damaged by highway construction projects over the past 60 years, restricting the passage of fish up Daves Creek into Tern Lake. This project will replace a culvert with a bridge, fully restoring fish passage into Tern Lake. It will reconstruct the stream channel and floodplains to their natural condition and improve fish habitat conditions. The project has widespread support and endorsement from organizations and agencies that include: National Oceanic and Atmospheric Administration, Cooper Landing Fish and Game Advisory Committee, Alaska Citizens for the Chugach, Coastal America, and the Kenai Peninsula Borough. This project will result in improved water quality and a fully functional stream channel with abundant spawning and rearing habitat. Restoration will ultimately boost salmon populations in this important spawning area.

Forest Restoration and Production - State Land

Date of Announcement: September 9, 2009

Estimated Funding: \$660,000 for Forest Health - Cooperative State(s): Alaska

County(ies): Prince of Wales-Outer Ketchikan Census Area

New temporary jobs will be created to precommercial thin 1,400 acres of densely overstocked lands in Prince of Wales-Outer Ketchikan Census Area (16.5 % unemployment). This work will result in a more healthy and vigorous growing timber stand that is more resistant to insect and disease attack. It will also reduce the risk of a wildland fire.

Forest Restoration and Productions - Alaska Native Corporation Land

Date of Announcement: September 9, 2009

Estimated Funding: \$148,000 for Forest Health - Cooperative State(s): Alaska

County(ies): Prince of Wales-Outer Ketchikan Census Area

New temporary jobs are expected to be created in Prince of Wales-Outer Ketchikan Census Area (16.5% unemployment) to precommercial thin 125 acres densely overstocked lands and 10 miles of road maintenance. This work will result in a more vigorous and healthy timber stand that is more resistant to disease and insect attack. Road maintenance will provide access for future treatments if needed. It will also reduce the risk of wildland fire.

Alaska Weed Management

Date of Announcement: May 14, 2009

Estimated Funding: \$1,140,000 for Forest Health - Cooperative State(s): Alaska

County(ies): Aleutians East Borough, Bristol Bay Borough, Fairbanks North Star Borough, Kenai Peninsula Borough, Kodiak Island Borough, Matanuska-Susitna Borough, Southeast Fairbanks Census Area, Valdez-Cordova Census Area, Yukon Koyukuk Census Area

This project will provide training and salary for an invasive plant/weed coordinator for each of the eight participating Soil and Water Conservation Districts in Alaska and one for the Juneau area through the Juneau Watershed Partnership. Coordinators will be employed year-round for one year, doing training, public outreach and education during the winter months. In the summer they will conduct invasive plant surveys and control projects with the assistance of a six-person roving work crew that will be shared by all districts. This project will interrupt vectors of invasive plants being introduced and establishing in recent areas burned by wildfire. The project will be managed by the Alaska Association of Conservation Districts, and will include a subcontract to the Alaska Natural Heritage Program to conduct the second phase of the Alaska invasiveness ranking project (\$70K).

Alaska Native Village Seed Production Project

Date of Announcement: September 9, 2009

Estimated Funding: \$2,243,000 for Forest Health - Cooperative State(s): Alaska

County(ies): Bethel Census Area, Ketchikan Gateway Borough, Matanuska-Susitna Borough,

North Slope Borough, Northwest Arctic Borough, Yukon-Koyukuk Census Area

The primary users of seed in Alaska are the Alaska Department of Transportation and Public Facilities, the Department of Defense, mining companies, the oil industry, and U.S. Department of Interior and the U.S. Department of Agriculture for wildfire recovery. All these agencies are committed to the use of native species in restoration. The Alaska Plant Materials Center (PMC) is the primary source of information in Alaska for seed production, harvest and cleaning and is also the primary source of information on revegetation and seeding mixes used by the primary seed purchasers. Production of adapted and native seed is an industry suited for rural villages. Potential village program locations include Kotzebue, Adak, Barrow and surrounds, Aniak, and Metlakatla have. The Alaska PMC has a great deal of experience in rural Alaska and has actively worked in the regions and villages identified. All planting, production, harvest and cleaning will be supervised and monitored for a period of 5 years. At the end of the 5-year period the local producers should be trained sufficiently and the markets firmly established. At this point the industry should be self-supporting and as self-sufficient as any other seed producer in Alaska.

Kenai Borough Spruce Bark Beetle Mitigation

Date of Announcement: May 5, 2009

Estimated Funding: \$1,795,000 for Hazardous Fuels/Ecosystem Restoration - S&PF Lands

State(s): Alaska

County(ies): Kenai Peninsula Borough

The following activities have been identified as high priority in Kenai Peninsula Borough (KPB) Community Wildfire Protection Plans where there is 10.6% unemployment. New temporary jobs will be created to reduce hazardous fuels on 1,200 acres by mechanical and hand treatments, mechanically remove fuels on 2,000 acres of KPB land adjacent to communities, remove hazardous trees along 140 miles of roads, reduce ground fuels on 250 acres of parks land, reduce grass fuels on 5,000 acres identified in the wildland urban interface, and remove woody debris (slash) resulting from hazard removal on private lands.

Sealaska Native Corporation Forest Health

Date of Announcement: September 9, 2009

Estimated Funding: \$660,000 for Forest Health - Cooperative State(s): Alaska

County(ies): Prince of Wales-Outer Ketchikan Census Area

This project involves early forest stand culturing of 1,500 acres of previously harvested Alaska Native Corporation forests for the villages of Kake, Hoonah, Klawock, Craig, Klukwan, Hydaburg, Kasaan, Saxman, Yakutat, Goldbelt, Shee Atika and Angoon. Natural regeneration in the southeast following environmental disturbances or timber harvest produces prolific regrowth with stocking between 3,000 to 5,000 trees per acre. As weaker trees decline and die out, over-all forest health declines. Treatment methods will be designed to select the most desirable crop tree and create variable width openings for biodiversity. Prioritized favored tree species is Red Cedar, Yellow Cedar, Sitka Spruce and Western Hemlock. Reduced stocking allows sunlight to reach the forest floor for the benefit of understory plants creating improved habitat,

deer forage, forest health and ecosystem functions and long term sustainability. This work is consistent with private and public forest management plans for this region and will improve forest health and ecosystem function, improve subsistence habitat, promote integrated resource management among private landowners, and improve long-term forest sustainability. Experience attained from this project will enable crews to obtain longer term employment on other southeast Alaska private and public forest lands.

Matanuska-Susitna Community Wildfire Protection Plan Wildfire Mitigation

Date of Announcement: May 5, 2009

Estimated Funding: \$1,436,000 for Hazardous Fuels/Ecosystem Restoration - S&PF Lands

State(s): Alaska

County(ies): Matanuska-Susitna Borough

This project will create new temporary jobs to reduce hazardous fuels on 200 acres of shaded fuel breaks by hand treatments in the Mat-Su valley area (9.1 % unemployment). Additional new temporary jobs will be created to collaborate with partner agencies on Firewise and prevention projects as identified in community wildfire prevention projects. The Mat-Su valley has a high component of Black Spruce fuel type in the wildland urban interface (WUI) which poses a high fire hazard to local schools and homes in the valley.

Anchorage Hazardous Wildland Urban Interface Fuels Treatment

Date of Announcement: May 5, 2009

Estimated Funding: \$538,000 for Hazardous Fuels/Ecosystem Restoration - S&PF Lands

State(s): Alaska

County(ies): Anchorage Borough

This hazardous fuels reduction project will create new temporary jobs to conduct 200 home assessments on approximately 100 acres throughout the Municipality of Anchorage (5.9% unemployment) and allow for the completion of prescribed tree work in homeowners yards to reduce the fuel loading on private property. This will be done by facilitating a connection between homeowners and private sector tree removal services. It will also provide a means to reimburse homeowners for completed tree removal on their lands if they choose to do the work themselves. Additional new temporary jobs will be created to reduce hazardous fuels on 75 acres of Municipal and State lands within the Anchorage WUI (5.9% unemployment). This project will help to protect hundreds of homes in the Anchorage bowl from a potential fire that could spread from the Chugach State Park toward Anchorage. Conversely it would help protect the State Park from a fire that could start in the Anchorage bowl. There is an extreme fire hazard on the hillside area of east Anchorage due to extensive dead spruce trees killed by a spruce bark beetle infestation.

Chugach State Parks Hazard Fuels

Date of Announcement: May 5, 2009

Estimated Funding: \$179,000 for Hazardous Fuels/Ecosystem Restoration - S&PF Lands

State(s): Alaska

County(ies): Anchorage Borough, Matanuska-Susitna Borough

This project will create new temporary jobs to reduce hazardous fuels by hand treatments on 100-150 acres of Chugach State Park in the Municipality of Anchorage (5.9% unemployment) and Matanuska-Susitna Borough (9.1% unemployment). This project will help to protect hundreds of homes in the Anchorage bowl from a potential fire that could spread from the Chugach State Park toward Anchorage. Conversely it would help protect the State Park from a fire that could start in the Anchorage bowl. There is an extreme fire hazard on the hillside area of east Anchorage due to extensive dead spruce trees killed by a spruce bark beetle infestation.

Western States - Forests Adapting To and Mitigating Climate Change Effects

Date of Announcement: September 9, 2009

Estimated Funding: \$1,795,000 for Forest Health - **Cooperative State(s):** Alaska, California, Hawaii, Oregon, Washington

County(ies): Alaska: Bethel Census Area, Bristol Bay Borough, Denali Borough, Fairbanks North Star Borough, Kenai Peninsula Borough, Lake and Peninsula Borough, Matanuska-Susitna Borough, Nome Census Area, Northwest Arctic Borough, Southeast Fairbanks Census Area, Valdez-Cordova Census Area, Wade Hampton Census Area, Yukon-Koyukuk Census Area;
California: Alameda, Alpine, Amador, Butte, Calaveras, Colusa, Contra Costa, Del Norte, El Dorado, Fresno, Glenn, Humboldt, Imperial, Inyo, Kern, Kings, Lake, Lassen, Los Angeles, Madera, Marin, Mariposa, Mendocino, Merced, Modoc, Mono, Monterey, Napa, Nevada, Orange, Placer, Plumas, Riverside, Sacramento, San Benito, San Bernardino, San Diego, San Francisco, San Joaquin, San Luis Obispo, San Mateo, Santa Barbara, Santa Clara, Santa Cruz, Shasta, Sierra, Siskiyou, Solano, Sonoma, Stanislaus, Sutter, Tehama, Trinity, Tulare, Tuolumne, Ventura, Yolo, Yuba

Hawaii: Hawaii, Honolulu, Kalawao, Kauai, Maui

Oregon: Baker, Benton, Clackamas, Clatsop, Columbia, Coos, Crook, Curry, Deschutes, Douglas, Gilliam, Grant, Harney, Hood River, Jackson, Jefferson, Josephine, Klamath, Lake, Lane, Lincoln, Linn, Malheur, Marion, Morrow, Multnomah, Polk, Sherman, Tillamook, Umatilla, Union, Wallowa, Wasco, Washington, Wheeler, Yamhill

Washington: Adams, Asotin, Benton, Chelan, Clallam, Clark, Columbia, Cowlitz, Douglas, Ferry, Franklin, Garfield, Grant, Grays Harbor, Island, Jefferson, King, Kitsap, Kittitas, Klickitat, Lewis, Lincoln, Mason, Okanogan, Pacific, Pend Oreille, Pierce, San Juan, Skagit, Skamania, Snohomish, Spokane, Stevens, Thurston, Wahkiakum, Walla Walla, Whatcom, Whitman, Yakima

To help community forests adapt and be resilient to a changing climate, we need to know their current health. Having a baseline of community forest conditions will also provide early warning for insect and disease problems. This project uses the model of Forest Service Research's Forest Inventory and Analysis program to gather data on the condition of forests in populated areas in five western states. Results from this project will be used to evaluate questions about the potential reduction of energy use due to trees cooling the urban environment, the contribution of trees to carbon sequestration, water management within urban areas, and quality of life for urban residents.

Arizona

Groom Creek/Crown King Fire Districts

Date of Announcement: May 5, 2009

Estimated Funding: \$179,000 for Hazardous Fuels/Ecosystem Restoration - S&PF Lands

State(s): Arizona

County(ies): Yavapai

Groom Creek Fire District will hire a fuels crew to perform hazardous fuel mitigation on approximately 100 acres of private lands within the fire district boundaries. Work will include removing ground and ladder fuels 5 inches in diameter and smaller. An additional 30 acres of Ponderosa pine will be treated, removing overstory pines, protecting 50 residential structures. Overstory trees below 18 inch diameter will be targeted for removal while maintaining a desired stand diversity of young and old Ponderosa pine. Crown King Fire District will utilize mechanical and prescribed burn treatments to accomplish the objectives. The District owns chippers and fuels reduction equipment needed to successfully complete the project. An informal education component outlining the need and techniques for maintaining treated lands will be provided through one-on-one meetings with property owners.

Apache Ecosystem Restoration

Date of Announcement: September 9, 2009

Estimated Funding: \$475,000 for Forest Health - Cooperative State(s): Arizona

County(ies): Apache

Funds for these programs of work are for projects that will be carried out on State and Private Lands. Specific projects will be selected by the states.

ShowLow FD

Date of Announcement: May 5, 2009

Estimated Funding: \$112,000 for Hazardous Fuels/Ecosystem Restoration - S&PF Lands

State(s): Arizona

County(ies): Navajo

This project will help to reduce extreme fire behavior in the White Mountain area by thinning and removing excess fuel. This will be accomplished by cutting, chipping, and hauling biomass to local disposal sites including the Renergy Corporation for utilization in producing electricity. The goal is to treat 200 acres in an effort to bring these areas up to Firewise standards.

Government Canyon - Lynx Creek State Land and City of Prescott Communication Sites

Date of Announcement: May 5, 2009

Estimated Funding: \$449,000 for Hazardous Fuels/Ecosystem Restoration - S&PF Lands

State(s): Arizona

County(ies): Yavapai

This project will treat 190 acres of Ponderosa Pine and 120 acres of brush in Government Canyon, 369 acres in Lynx Creek, and 75 acres at Prescott Communication Sites to reduce the risk of severe fire. Treatment methods including cutting, hauling, piling for burning, or crushing will be used. Mowing may also be used in brush areas where appropriate.

White Mountain Apache Tribe Hazardous Fuels Reduction

Date of Announcement: May 5, 2009

Estimated Funding: \$4,487,000 for Hazardous Fuels/Ecosystem Restoration - S&PF Lands

State(s): Arizona

County(ies): Apache

This project will treat hazardous fuels on 3,565 acres within the Fort Apache Indian Reservation around the communities of Cibique, Carrizo, and Cedar Creek. In addition, the project will complete watershed enhancements on 5,000 acres within the boundaries of the Rodeo-Chediski fire, protect 19 tribal community cemeteries, and restore 41 springs.

White Mountain Apache Tribe Nursery Development for Post-Fire Rehabilitation

Date of Announcement: May 5, 2009

Estimated Funding: \$2,243,000 for Hazardous Fuels/Ecosystem Restoration - S&PF Lands

State(s): Arizona

County(ies): Apache

The White Mountain Apache Tribe (WMAT) will utilize American Recovery and Reinvestment Act (ARRA) funds to design, construct, and operate a native plant nursery to support restoration efforts on the Rodeo-Chediski fire. The native plant nursery will provide immediate and continued tribal member employment through all phases of design, development, construction and operation. It will also support other tribal jobs by providing plant materials for wildlife and fisheries improvement, watershed restoration and recovery after the removal of invasive species. These services can easily be extended to efforts off reservation once the nursery is developed and operations are underway. The design will incorporate cost saving measures, including the use of energy-efficient cooling and heating systems. Production is anticipated to total 600,000 conifer seedlings and 200,000 other native plant species.

Arkansas

Arkansas Fire & Ice

Date of Announcement: August 18, 2009

Estimated Funding: \$3,600,000 for Hazardous Fuels/Ecosystem Restoration - S&PF Lands

State(s): Arkansas

County(ies): Baxter, Benton, Boone, Carroll, Clay, Cleburne, Conway, Craighead, Crawford, Cross, Franklin, Fulton, Greene, Independence, Izard, Jackson, Johnson, Lawrence, Madison, Mississippi, Newton, Poinsett, Pope, Randolph, Searcy, Sharp, Stone, Van Buren, Washington

The ice storm that struck Arkansas on January 26-27, 2009 severely impacted the northern third of the state. The land area affected is approximately 10 million acres. President Obama declared 30 counties as a federal disaster area. Nearly 5 million forested acres experienced varying degrees of damage. The tremendous amount of broken crowns, branches and uprooted trees creates a significant hazard from wildfires. Funding will be used to purchase larger fire suppression equipment, assist forest landowners with hazardous fuel reduction through nonmatching grants, provide aerial suppression for wildfires, provide fire departments with wildland fire training and equipment and educate the public on wildland/urban interface fire hazards.

California

Invasive Plant Distressed County Project

Date of Announcement: May 14, 2009

Estimated Funding: \$332,000 for Forest Health - Cooperative State(s): California

County(ies): Humboldt, Los Angeles, Siskiyou

Funds for these programs of work are for projects that will be carried out on State and Private Lands. Specific projects will be selected by the states.

Region-wide Fuels Reduction and Urban Tree Planting Projects

Date of Announcement: May 5, 2009

Estimated Funding: \$6,012,000 for Hazardous Fuels/Ecosystem Restoration - S&PF Lands

State(s): California

County(ies): Alameda, Fresno, Los Angeles, Sacramento, San Diego, San Francisco, Santa Barbara, Santa Clara, Tulare, Yolo

Funds for these programs of work are for projects that will be carried out on State and Private Lands. Specific projects will be selected by the states.

Insect and Disease Region-wide Project

Date of Announcement: September 9, 2009

Estimated Funding: \$2,190,000 for Forest Health - Cooperative State(s): California, Guam, Hawaii

County(ies): California: Alameda, Contra Costa, Humboldt, Lake, Los Angeles, Marin, Mendocino, Monterey, Orange, Riverside, San Bernardino, San Diego, San Mateo, Santa Clara, Santa Cruz, Sonoma

Guam: Guam

Hawaii: Hawaii

Funds for these programs of work are for projects that will be carried out on State and Private Lands. Specific projects will be selected by the states.

Invasive Plant Region-wide Project

Date of Announcement: May 14, 2009

Estimated Funding: \$7,179,000 for Forest Health - Cooperative State(s): California

County(ies): Alameda, Alpine, Amador, Butte, Calaveras, Colusa, Contra Costa, Del Norte, El Dorado, Fresno, Glenn, Humboldt, Imperial, Inyo, Kern, Kings, Lake, Lassen, Los Angeles, Madera, Marin, Mariposa, Mendocino, Merced, Modoc, Mono, Monterey, Napa, Nevada, Orange, Placer, Plumas, Riverside, Sacramento, San Benito, San Bernardino, San Diego, San Francisco, San Joaquin, San Luis Obispo, San Mateo, Santa Barbara, Santa Clara, Santa Cruz, Shasta, Sierra, Siskiyou, Solano, Sonoma, Stanislaus, Sutter, Tehama, Trinity, Tulare, Tuolumne,

Ventura, Yolo, Yuba

Funds for these programs of work are for projects that will be carried out on State and Private Lands. Specific projects will be selected by the states.

San Bernardino and Riverside County Partners Fuels Project

Date of Announcement: May 5, 2009

Estimated Funding: \$8,973,000 for Hazardous Fuels/Ecosystem Restoration - S&PF Lands

State(s): California

County(ies): Riverside, San Bernardino

Funds for these programs of work are for projects that will be carried out on State and Private Lands. Specific projects will be selected by the states.

Lake Tahoe Basin Management Unit South Lake Tahoe Partners Fuels Project

Date of Announcement: May 5, 2009

Estimated Funding: \$3,589,000 for Hazardous Fuels/Ecosystem Restoration - S&PF Lands

State(s): California

County(ies): El Dorado, Placer

Funds for these programs of work are for projects that will be carried out on State and Private Lands. Specific projects will be selected by the states.

Western States - Forests Adapting To and Mitigating Climate Change Effects

Date of Announcement: September 9, 2009

Estimated Funding: \$1,795,000 for Forest Health - Cooperative State(s): Alaska, California, Hawaii, Oregon, Washington

County(ies): Alaska: Bethel Census Area, Bristol Bay Borough, Denali Borough, Fairbanks North Star Borough, Kenai Peninsula Borough, Lake and Peninsula Borough, Matanuska-Susitna Borough, Nome Census Area, Northwest Arctic Borough, Southeast Fairbanks Census Area, Valdez-Cordova Census Area, Wade Hampton Census Area, Yukon-Koyukuk Census Area

California: Alameda, Alpine, Amador, Butte, Calaveras, Colusa, Contra Costa, Del Norte, El Dorado, Fresno, Glenn, Humboldt, Imperial, Inyo, Kern, Kings, Lake, Lassen, Los Angeles, Madera, Marin, Mariposa, Mendocino, Merced, Modoc, Mono, Monterey, Napa, Nevada, Orange, Placer, Plumas, Riverside, Sacramento, San Benito, San Bernardino, San Diego, San Francisco, San Joaquin, San Luis Obispo, San Mateo, Santa Barbara, Santa Clara, Santa Cruz, Shasta, Sierra, Siskiyou, Solano, Sonoma, Stanislaus, Sutter, Tehama, Trinity, Tulare, Tuolumne, Ventura, Yolo, Yuba

Hawaii: Hawaii, Honolulu, Kalawao, Kauai, Maui

Oregon: Baker, Benton, Clackamas, Clatsop, Columbia, Coos, Crook, Curry, Deschutes, Douglas, Gilliam, Grant, Harney, Hood River, Jackson, Jefferson, Josephine, Klamath, Lake, Lane, Lincoln, Linn, Malheur, Marion, Morrow, Multnomah, Polk, Sherman, Tillamook, Umatilla, Union, Wallowa, Wasco, Washington, Wheeler, Yamhill

Washington: Adams, Asotin, Benton, Chelan, Clallam, Clark, Columbia, Cowlitz, Douglas,

Ferry, Franklin, Garfield, Grant, Grays Harbor, Island, Jefferson, King, Kitsap, Kittitas, Klickitat, Lewis, Lincoln, Mason, Okanogan, Pacific, Pend Oreille, Pierce, San Juan, Skagit, Skamania, Snohomish, Spokane, Stevens, Thurston, Wahkiakum, Walla Walla, Whatcom, Whitman, Yakima

To help community forests adapt and be resilient to a changing climate, we need to know their current health. Having a baseline of community forest conditions will also provide early warning for insect and disease problems. This project uses the model of Forest Service Research's Forest Inventory and Analysis program to gather data on the condition of forests in populated areas in five western states. Results from this project will be used to evaluate questions about the potential reduction of energy use due to trees cooling the urban environment, the contribution of trees to carbon sequestration, water management within urban areas, and quality of life for urban residents.

Research on Restoring Critical Habitat for Listed Pacific Salmon

Date of Announcement: September 9, 2009

Estimated Funding: \$2,240,000 for Forest Health - Cooperative State(s): California, Oregon

County(ies): California: Siskiyou

Oregon: Benton

Fisheries are critical economically, culturally, and ecologically to the Pacific Coast states. The Pacific Northwest Research Station has studied fish habitat for four decades. It recently initiated work to help public utility districts, land managers, planners, regulators, and others at federal, state and county levels make decisions on restoring salmon and trout habitat, anticipate climate change impacts, and provide clean water. This project will use partnerships among premier scientists and natural resource professionals in the Forest Service, University of Washington, Oregon State University, National Forests, Bureau of Land Management, and others to promote successful completion of this project. Project components include: assessment of watersheds in southeast Alaska and interior Columbia basin vulnerable to climate change; identifying key places for habitat restoration; understanding climate change and fire effects on watershed and fish habitat; mapping fish habitat in southwest Oregon and northwest California for Siskiyou National Forest planning and riparian management, and developing a stream chemistry tool for establishing water quality regulations for timber harvest.

Colorado

High priority Forest Restoration and Fuels Mitigation

Date of Announcement: May 5, 2009

Estimated Funding: \$6,281,000 for Hazardous Fuels/Ecosystem Restoration - S&PF Lands

State(s): Colorado

County(ies): Gilpin

The Colorado State Forest Service utilized a competitive request for proposals from a wide variety of organizations and local governments to implement high-priority forest restoration and fuels mitigation projects and create jobs. Ten entities were awarded funds including counties, youth groups, state wildlife, both large and small timber industries and a city.

Community Wildfire Protection Plan Implementation

Date of Announcement: May 5, 2009

Estimated Funding: \$4,487,000 for Hazardous Fuels/Ecosystem Restoration - S&PF Lands

State(s): Colorado

County(ies): El Paso

The Colorado State Forest Service utilized a competitive request for proposals from a wide variety of organizations and local governments to implement community wildfire protection plans and mitigation/treatment projects and create jobs. Five entities were awarded funds including a county, conservation group, private industry, wildland urban interface district and a town.

Delaware

Northern Delaware Forestry Stimulus Project

Date of Announcement: September 9, 2009

Estimated Funding: \$895,000 for Forest Health - Cooperative State(s): Delaware

County(ies): New Castle

In keeping with the intent of the American Recovery and Reinvestment Act (ARRA), the Delaware Center plans to provide jobs over a 24 month period, coinciding with tree planting seasons. Forest health, street tree inventory; tree planting and hazard fuel reduction management activities will take place on public (non-federal) and public right of way to support forest health in the cities of Wilmington, DE and New Castle County, DE.

Delaware Hazardous Fuels Reduction/Ecosystem Improvement Projects

Date of Announcement: May 5, 2009

Estimated Funding: \$449,000 for Hazardous Fuels/Ecosystem Restoration - S&PF Lands

State(s): Delaware

County(ies): Kent, New Castle, Sussex

As a result of the project, the Delaware Forest Service will 1) complete fire management plans for high-risk areas, 2) conduct hazard mitigation activities around at-risk communities by reducing fuel loads and installing fire breaks, and 3) conduct ecosystem improvement projects on State lands to improve forest health and reduce wildfire hazard.

District of Columbia

Washington Parks and People District of Columbia Green Corps

Date of Announcement: September 9, 2009

Estimated Funding: \$2,692,000 for Forest Health - Cooperative State(s): District of Columbia

County(ies): District of Columbia

The primary purpose of this Program of Work is to maintain and create jobs in the District of Columbia through the District of Columbia State Forester's office by conducting a community forest health management project on nonfederal forest lands to achieve a healthy sustainable community forest in Washington, D.C. Members of the District of Columbia Green Corps will work primarily based out of the Watts Branch sub-watershed of the Anacostia River, with additional work and training focused in the Oxon Run and Rock creek sub-watersheds of the Potomac River. The program will focus on recruiting secondary school youth and other populations that have challenges gaining employment, such as people with disabilities and ex-offenders. The District of Columbia Urban Forestry Administration and Washington Parks & People will partner to accomplish this project. The program will also provide a city-wide gateway to accessing green career tracks in community forest-based ecosystem and watershed restoration in Washington, D.C.

The Mayor's Green Summer Job Corps, Tree Section

Date of Announcement: September 9, 2009

Estimated Funding: \$90,000 for Forest Health - Cooperative State(s): District of Columbia
County(ies): District of Columbia

The District of Columbia Mayor's Green Summer Job Corps is a summer youth employment and job training program for District residents aged 14-21. This program is part of the larger Summer Youth Employment Program administered through the District of Columbia's Department of Employment Services. Green Summer is one of the largest green-collar job programs in the nation serving 800 youth and approximately 120 seasonal staff as well as year round staff at the District Department of the Environment. Throughout the course of the summer, youth engage in environmental education, community outreach, hands on field experience and green job skill development.

Florida

Regional Longleaf Pine Restoration Initiative and Fuels Management

Date of Announcement: May 5, 2009

Estimated Funding: \$8,975,000 for Hazardous Fuels/Ecosystem Restoration - S&PF Lands

State(s): Alabama, Florida, Georgia, North Carolina, South Carolina

County(ies): Alabama: Autauga, Baldwin, Barbour, Bibb, Blount, Bullock, Butler, Calhoun, Chambers, Cherokee, Chilton, Choctaw, Clarke, Clay, Cleburne, Coffee, Colbert, Conecuh, Coosa, Covington, Crenshaw, Cullman, Dale, Dallas, DeKalb, Elmore, Escambia, Etowah, Fayette, Franklin, Geneva, Greene, Hale, Henry, Houston, Jackson, Jefferson, Lamar, Lauderdale, Lawrence, Lee, Limestone, Lowndes, Macon, Madison, Marengo, Marion, Marshall, Mobile, Monroe, Montgomery, Morgan, Perry, Pickens, Pike, Randolph, Russell, Saint Clair, Shelby, Sumter, Talladega, Tallapoosa, Tuscaloosa, Walker, Washington, Wilcox, Winston
Florida: Alachua, Baker, Bay, Bradford, Brevard, Broward, Calhoun, Charlotte, Citrus, Clay, Collier, Columbia, DeSoto, Dixie, Duval, Escambia, Flagler, Franklin, Gadsden, Gilchrist, Glades, Gulf, Hamilton, Hardee, Hendry, Hernando, Highlands, Hillsborough, Holmes, Indian River, Jackson, Jefferson, Lafayette, Lake, Lee, Leon, Levy, Liberty, Madison, Manatee, Marion, Martin, Miami-Dade, Monroe, Nassau, Okaloosa, Okeechobee, Orange, Osceola, Palm Beach, Pasco, Pinellas, Polk, Putnam, Saint Johns, Saint Lucie, Santa Rosa, Sarasota, Seminole, Sumter, Suwannee, Taylor, Union, Volusia, Wakulla, Walton, Washington;

Georgia: Appling, Atkinson, Bacon, Baker, Baldwin, Banks, Barrow, Bartow, Ben Hill, Berrien, Bibb, Bleckley, Brantley, Brooks, Bryan, Bulloch, Burke, Butts, Calhoun, Camden, Candler, Carroll, Catoosa, Charlton, Chatham, Chattahoochee, Chattooga, Cherokee, Clarke, Clay, Clayton, Clinch, Cobb, Coffee, Colquitt, Columbia, Cook, Coweta, Crawford, Crisp, Dade, Dawson, Decatur, DeKalb, Dodge, Dooly, Dougherty, Douglas, Early, Echols, Effingham, Elbert, Emanuel, Evans, Fannin, Fayette, Floyd, Forsyth, Franklin, Fulton, Gilmer, Glascock, Glynn, Gordon, Grady, Greene, Gwinnett, Habersham, Hall, Hancock, Haralson, Harris, Hart, Heard, Henry, Houston, Irwin, Jackson, Jasper, Jeff Davis, Jefferson, Jenkins, Johnson, Jones, Lamar, Lanier, Laurens, Lee, Liberty, Lincoln, Long, Lowndes, Lumpkin, McDuffie, McIntosh, Macon, Madison, Marion, Meriwether, Miller, Mitchell, Monroe, Montgomery, Morgan, Murray, Muscogee, Newton, Oconee, Oglethorpe, Paulding, Peach, Pickens, Pierce, Pike, Polk, Pulaski, Putnam, Quitman, Rabun, Randolph, Richmond, Rockdale, Schley, Screven, Seminole, Spalding, Stephens, Stewart, Sumter, Talbot, Taliaferro, Tattnall, Taylor, Telfair, Terrell, Thomas, Tift, Toombs, Towns, Treutlen, Troup, Turner, Twiggs, Union, Upson, Walker, Walton, Ware, Warren, Washington, Wayne, Webster, Wheeler, White, Whitfield, Wilcox, Wilkes, Wilkinson, Worth

North Carolina: Alamance, Alexander, Alleghany, Anson, Ashe, Avery, Beaufort, Bertie, Bladen, Brunswick, Buncombe, Burke, Cabarrus, Caldwell, Camden, Carteret, Caswell, Catawba, Chatham, Cherokee, Chowan, Clay, Cleveland, Columbus, Craven, Cumberland, Currituck, Dare, Davidson, Davie, Duplin, Durham, Edgecombe, Forsyth, Franklin, Gaston, Gates, Graham, Granville, Greene, Guilford, Halifax, Harnett, Haywood, Henderson, Hertford, Hoke, Hyde, Iredell, Jackson, Johnston, Jones, Lee, Lenoir, Lincoln, McDowell, Macon, Madison, Martin, Mecklenburg, Mitchell, Montgomery, Moore, Nash, New Hanover, Northampton, Onslow, Orange, Pamlico, Pasquotank, Pender, Perquimans, Person, Pitt, Polk, Randolph, Richmond, Robeson, Rockingham, Rowan, Rutherford, Sampson, Scotland, Stanly,

Stokes, Surry, Swain, Transylvania, Tyrrell, Union, Vance, Wake, Warren, Washington, Watauga, Wayne, Wilkes, Wilson, Yadkin, Yancey

South Carolina: Abbeville, Aiken, Allendale, Anderson, Bamberg, Barnwell, Beaufort, Berkeley, Calhoun, Charleston, Cherokee, Chester, Chesterfield, Clarendon, Colleton, Darlington, Dillon, Dorchester, Edgefield, Fairfield, Florence, Georgetown, Greenville, Greenwood, Hampton, Horry, Jasper, Kershaw, Lancaster, Laurens, Lee, Lexington, McCormick, Marion, Marlboro, Newberry, Oconee, Orangeburg, Pickens, Richland, Saluda, Spartanburg, Sumter, Union, Williamsburg, York

Longleaf pine forests once covered a vast range from Texas to Virginia. Since that time, this longleaf forest has been reduced to three percent of historical acreage due to conversion to other land uses and forest types. Longleaf pine forests are highly valued for their resistance to damage by insects, diseases, wildfire, and storms, and for their yield of high quality wood products, biological diversity, and beauty. Under this program, state forestry agencies in Alabama, Georgia, Florida, South Carolina, and North Carolina are putting Americans to work restoring these valuable forests. Activities include restoring longleaf pine seed, seedlings, and native understory plants; coordinating efforts across broad partnerships; and providing educational materials and training to the public and staff. This work is helping to restore a threatened ecosystem while creating jobs for contractors and laborers involved in tree planting and forest improvement work, nursery workers, conservation planners and coordinators, media specialists, and educators.

Florida Forest Health Improvement Initiative

Date of Announcement: September 9, 2009

Estimated Funding: \$1,570,000 for Forest Health - Cooperative State(s): Florida

County(ies): Alachua, Baker, Bay, Bradford, Brevard, Broward, Calhoun, Charlotte, Citrus, Clay, Collier, Columbia, DeSoto, Dixie, Duval, Escambia, Flagler, Franklin, Gadsden, Gilchrist, Glades, Gulf, Hamilton, Hardee, Hendry, Hernando, Highlands, Hillsborough, Holmes, Indian River, Jackson, Jefferson, Lafayette, Lake, Lee, Leon, Levy, Liberty, Madison, Manatee, Marion, Martin, Miami-Dade, Monroe, Nassau, Okaloosa, Okeechobee, Orange, Osceola, Palm Beach, Pasco, Pinellas, Polk, Putnam, Saint Johns, Saint Lucie, Santa Rosa, Sarasota, Seminole, Sumter, Suwannee, Taylor, Union, Volusia, Wakulla, Walton, Washington

The Florida Division of Forestry will work through communities, nonprofit organizations, and educational institutions to improve the forest health in communities. The state will have a competitive grant process inviting eligible participants to apply for funding to reforest public rights-of-ways, parks, public schools, and other natural areas, as well as provide opportunities for tree remediation work which include corrective tree pruning, hazard tree removal and rehabilitation of soil conditions for significant trees. Communities all over Florida will benefit ecologically from the increase in canopy cover and improve health and vigor of existing trees. Projects will contribute to improved water and air quality, improved community aesthetics, and increase in employment opportunities for the green industry. Priority for funding will be given to communities that have the highest unemployment rates in the state of Florida. These areas should see increased employment opportunity for commercial arborists, landscape contractors, nurserymen, consulting arborists, and landscape architects/designers.

Florida Community Fuels Management Program Phase 2

Date of Announcement: May 5, 2009

**Estimated Funding: \$6,281,000 for Hazardous Fuels/Ecosystem Restoration - S&PF Lands
State(s): Florida**

County(ies): Alachua, Baker, Bay, Bradford, Brevard, Broward, Calhoun, Charlotte, Citrus, Clay, Collier, Columbia, DeSoto, Dixie, Duval, Escambia, Flagler, Franklin, Gadsden, Gilchrist, Glades, Gulf, Hamilton, Hardee, Hendry, Hernando, Highlands, Hillsborough, Holmes, Indian River, Jackson, Jefferson, Lafayette, Lake, Lee, Leon, Levy, Liberty, Madison, Manatee, Marion, Martin, Miami-Dade, Monroe, Nassau, Okaloosa, Okeechobee, Orange, Osceola, Palm Beach, Pasco, Pinellas, Polk, Putnam, Saint Johns, Saint Lucie, Santa Rosa, Sarasota, Seminole, Sumter, Suwannee, Taylor, Union, Volusia, Wakulla, Walton, Washington

The Florida Division of Forestry will develop three hazard fuels mitigation teams to augment current hazard fuels management activities, contract for hazard fuel reduction through mechanical and prescribed burning means, and contract for the delivery of “Firewise” programs to local homeowner and civic groups to increase the delivery of this wildland fire educational tool. The Division of Forestry will also be contracting for the development of Community Wildfire Protection Plans (CWPP), to further enhance homeowner involvement in protecting their local community. The Division of Forestry will also be purchasing equipment to support the hazardous fuels mitigation teams and our local District efforts to mechanically reduce hazardous fuels.

Georgia

Regional Longleaf Pine Restoration Initiative and Fuels Management

Date of Announcement: May 5, 2009

Estimated Funding: \$8,975,000 for Hazardous Fuels/Ecosystem Restoration - S&PF Lands

State(s): Alabama, Florida, Georgia, North Carolina, South Carolina

County(ies): Alabama: Autauga, Baldwin, Barbour, Bibb, Blount, Bullock, Butler, Calhoun, Chambers, Cherokee, Chilton, Choctaw, Clarke, Clay, Cleburne, Coffee, Colbert, Conecuh, Coosa, Covington, Crenshaw, Cullman, Dale, Dallas, DeKalb, Elmore, Escambia, Etowah, Fayette, Franklin, Geneva, Greene, Hale, Henry, Houston, Jackson, Jefferson, Lamar, Lauderdale, Lawrence, Lee, Limestone, Lowndes, Macon, Madison, Marengo, Marion, Marshall, Mobile, Monroe, Montgomery, Morgan, Perry, Pickens, Pike, Randolph, Russell, Saint Clair, Shelby, Sumter, Talladega, Tallapoosa, Tuscaloosa, Walker, Washington, Wilcox, Winston;
Florida: Alachua, Baker, Bay, Bradford, Brevard, Broward, Calhoun, Charlotte, Citrus, Clay, Collier, Columbia, DeSoto, Dixie, Duval, Escambia, Flagler, Franklin, Gadsden, Gilchrist, Glades, Gulf, Hamilton, Hardee, Hendry, Hernando, Highlands, Hillsborough, Holmes, Indian River, Jackson, Jefferson, Lafayette, Lake, Lee, Leon, Levy, Liberty, Madison, Manatee, Marion, Martin, Miami-Dade, Monroe, Nassau, Okaloosa, Okeechobee, Orange, Osceola, Palm Beach, Pasco, Pinellas, Polk, Putnam, Saint Johns, Saint Lucie, Santa Rosa, Sarasota, Seminole, Sumter, Suwannee, Taylor, Union, Volusia, Wakulla, Walton, Washington

Georgia: Appling, Atkinson, Bacon, Baker, Baldwin, Banks, Barrow, Bartow, Ben Hill, Berrien, Bibb, Bleckley, Brantley, Brooks, Bryan, Bulloch, Burke, Butts, Calhoun, Camden, Candler, Carroll, Catoosa, Charlton, Chatham, Chattahoochee, Chattooga, Cherokee, Clarke, Clay, Clayton, Clinch, Cobb, Coffee, Colquitt, Columbia, Cook, Coweta, Crawford, Crisp, Dade, Dawson, Decatur, DeKalb, Dodge, Dooly, Dougherty, Douglas, Early, Echols, Effingham, Elbert, Emanuel, Evans, Fannin, Fayette, Floyd, Forsyth, Franklin, Fulton, Gilmer, Glascock, Glynn, Gordon, Grady, Greene, Gwinnett, Habersham, Hall, Hancock, Haralson, Harris, Hart, Heard, Henry, Houston, Irwin, Jackson, Jasper, Jeff Davis, Jefferson, Jenkins, Johnson, Jones, Lamar, Lanier, Laurens, Lee, Liberty, Lincoln, Long, Lowndes, Lumpkin, McDuffie, McIntosh, Macon, Madison, Marion, Meriwether, Miller, Mitchell, Monroe, Montgomery, Morgan, Murray, Muscogee, Newton, Oconee, Oglethorpe, Paulding, Peach, Pickens, Pierce, Pike, Polk, Pulaski, Putnam, Quitman, Rabun, Randolph, Richmond, Rockdale, Schley, Screven, Seminole, Spalding, Stephens, Stewart, Sumter, Talbot, Taliaferro, Tattnall, Taylor, Telfair, Terrell, Thomas, Tift, Toombs, Towns, Treutlen, Troup, Turner, Twiggs, Union, Upson, Walker, Walton, Ware, Warren, Washington, Wayne, Webster, Wheeler, White, Whitfield, Wilcox, Wilkes, Wilkinson, Worth

North Carolina: Alamance, Alexander, Alleghany, Anson, Ashe, Avery, Beaufort, Bertie, Bladen, Brunswick, Buncombe, Burke, Cabarrus, Caldwell, Camden, Carteret, Caswell, Catawba, Chatham, Cherokee, Chowan, Clay, Cleveland, Columbus, Craven, Cumberland, Currituck, Dare, Davidson, Davie, Duplin, Durham, Edgecombe, Forsyth, Franklin, Gaston, Gates, Graham, Granville, Greene, Guilford, Halifax, Harnett, Haywood, Henderson, Hertford, Hoke, Hyde, Iredell, Jackson, Johnston, Jones, Lee, Lenoir, Lincoln, McDowell, Macon, Madison, Martin, Mecklenburg, Mitchell, Montgomery, Moore, Nash, New Hanover, Northampton, Onslow, Orange, Pamlico, Pasquotank, Pender, Perquimans, Person, Pitt, Polk, Randolph, Richmond, Robeson, Rockingham, Rowan, Rutherford, Sampson, Scotland, Stanly,

Stokes, Surry, Swain, Transylvania, Tyrrell, Union, Vance, Wake, Warren, Washington, Watauga, Wayne, Wilkes, Wilson, Yadkin, Yancey

South Carolina: Abbeville, Aiken, Allendale, Anderson, Bamberg, Barnwell, Beaufort, Berkeley, Calhoun, Charleston, Cherokee, Chester, Chesterfield, Clarendon, Colleton, Darlington, Dillon, Dorchester, Edgefield, Fairfield, Florence, Georgetown, Greenville, Greenwood, Hampton, Horry, Jasper, Kershaw, Lancaster, Laurens, Lee, Lexington, McCormick, Marion, Marlboro, Newberry, Oconee, Orangeburg, Pickens, Richland, Saluda, Spartanburg, Sumter, Union, Williamsburg, York

Longleaf pine forests once covered a vast range from Texas to Virginia. Since that time, this longleaf forest has been reduced to three percent of historical acreage due to conversion to other land uses and forest types. Longleaf pine forests are highly valued for their resistance to damage by insects, diseases, wildfire, and storms, and for their yield of high quality wood products, biological diversity, and beauty. Under this program, state forestry agencies in Alabama, Georgia, Florida, South Carolina, and North Carolina are putting Americans to work restoring these valuable forests. Activities include restoring longleaf pine seed, seedlings, and native understory plants; coordinating efforts across broad partnerships; and providing educational materials and training to the public and staff. This work is helping to restore a threatened ecosystem while creating jobs for contractors and laborers involved in tree planting and forest improvement work, nursery workers, conservation planners and coordinators, media specialists, and educators.

Georgia - Enhanced Fuels Management & Community Wildfire Protection Plans Program

Estimated Funding: \$3,589,000 for Hazardous Fuels/Ecosystem Restoration - S&PF Lands State(s): Georgia

County(ies): Charlton, Clinch, Ware

This project will continue efforts by landowners adjacent to the Okefenokee National Wildfire Refuge to create a wildfire resilient buffer surrounding the Okefenokee Swamp. Efforts will include forest fuel reduction techniques and forest management practices that contribute to effective wildfire management. Communities in the vicinity at risk from wildfire will be granted limited funding for wildfire mitigation projects. Community Wildfire Protection Plans will be written for Charlton, Ware and Clinch counties. In 2007, Georgia and Florida suffered their worst wildfires in history burning some 560,000 acres in and around the Okefenokee. This project is a collaborative effort to mitigate future fires that burn in the Okefenokee.

Georgia Stewardship Revisit Prescribe Fire

Date of Announcement: May 5, 2009

Estimated Funding: \$2,243,000 for Hazardous Fuels/Ecosystem Restoration - S&PF Lands State(s): Georgia

County(ies): Banks, Catoosa, Chattooga, Dawson, Fannin, Floyd, Gilmer, Gordon, Greene, Habersham, Jasper, Jones, Lumpkin, Monroe, Morgan, Murray, Oconee, Oglethorpe, Putnam, Rabun, Stephens, Towns, Union, Walker, White, Whitfield

Employees hired by ARRA will revisit some 5,000 forest farms that have Forest Stewardship

Plans to determine their level of forestry practice and needs for use of prescribed fire. A computer program will be developed to track burn authorizations for the purpose of fire management and air quality. Educators will be deployed to focus on education of fire department and law enforcement stakeholder agencies on the benefits of prescribed burning. Some 50,000 acres of prescribed fire will be accomplished on Stewardship Farms.

Community Tree Planting for Ecosystem Restoration and Green Jobs: Georgia's Growing Green

Estimated Funding: \$897,000 for Forest Health - Cooperative State(s): Georgia
County(ies): Clarke, Dawson, Fannin, Floyd, Gilmer, Gordon, Habersham, Lumpkin, Morgan, Murray, Oglethorpe, Rabun, Towns, Union, White, Whitfield

Funding is available from the Georgia Forestry Commission (GFC) to local governments, landscape contractors, nonprofit partners, schools or universities for projects that involve the planting and care of trees in watersheds, stream banks, parking lots, streets, housing developments, brown fields and schools to restore ecological health. On average, Georgia is losing 106 acres of tree canopy per day to urban sprawl. This funding will help restore trees as part of the infrastructure missing from many original growth plans, and also provide green jobs for nursery professionals, equipment operators, transportation and maintenance staff, landscape architects, arborists and planners. Community forest professionals must be involved and guide the strategic placement of trees for economic and environmental benefits including water and air quality, climate change, energy savings, and mitigation of storm water runoff. Target areas include, but are not limited to, Lumpkin, Fannin, Dawson, Union, White, Clarke (Athens), Floyd (Rome), Gordon, Murray, Oglethorpe, Habersham, Morgan, Towns, Rabun, Gordon, Whitfield and Gilmer Counties.

Georgia Forestry Commission Cogongrass Eradication

Date of Announcement: May 14, 2009

Estimated Funding: \$1,795,000 for Forest Health - Cooperative State(s): Georgia
County(ies): Atkinson, Bacon, Baker, Berrien, Bibb, Bleckley, Brantley, Brooks, Bryan, Bulloch, Calhoun, Camden, Candler, Carroll, Charlton, Chatham, Clinch, Cobb, Colquitt, Cook, Crisp, Decatur, Dooly, Dougherty, Early, Echols, Effingham, Emanuel, Evans, Glynn, Grady, Haralson, Houston, Lanier, Laurens, Lee, Liberty, Long, Lowndes, McDuffie, McIntosh, Macon, Marion, Miller, Mitchell, Newton, Paulding, Peach, Randolph, Seminole, Stewart, Talbot, Tattnall, Thomas, Tift, Treutlen, Troup, Turner, Ware, Wayne, Wilcox, Worth

Cogongrass, *Imperata cylindrical* (L.), is considered the 7th worst weed in the world and has taken over vast ecosystems in southern Alabama and Mississippi as well as Florida. In 2004, there were 12 known cogongrass sites in Georgia when the Georgia Forestry Commission (GFC) organized a Cogongrass Task Force and invited multiple partners to discuss the issue then plan strategies for detection, education and suppression treatments. These outreach efforts gained momentum, and the number of sites has now expanded to almost 350 in 34 Georgia counties. This project will expand current cogongrass education, detection, and eradication efforts by working through the Cogongrass Task Force. Incentive payments will be available to landowners who perform treatments within forested areas. The removal of these invasive plants

will allow native flora to recapture the site, which will provide ecosystem benefits. GFC professional foresters will work with these private landowners as well as survey and treat state-owned lands for high-priority invasive plant species

Dixon Memorial State Forest Wildfire Recover and Habitat Restoration

Date of Announcement: May 5, 2009

Estimated Funding: \$377,000 for Hazardous Fuels/Ecosystem Restoration - S&PF Lands

State(s): Georgia

County(ies): Brantley, Ware

Longleaf pine forests once covered a vast range from Texas to Virginia but have been reduced to three percent of historical acreage due to conversion to other land uses and forest types. Longleaf pine forests are highly valued for their resistance to damage by insects, diseases, wildfire, and storms, and for their yield of high quality wood products, biological diversity, and beauty. Under this program the Georgia Forestry Commission is putting Americans to work restoring these valuable forests. During the spring and summer of 2007, the Dixon Forest was part of one of the largest wildfires in the history of the Southeast. Approximately 19,000 acres of the forest were burned. This area included 4,500 acres that were in upland pine of various species (slash, loblolly and longleaf) and in various stages of growth that were in need of replanting. Activities will include restoring longleaf pine within the Dixon Memorial State Forest. This work is helping to restore a threatened ecosystem while creating jobs for tree planting, site preparation, prescribed burning, seedling nurseries and herbicide application vendors.

Guam

Insect and Disease Region-wide Project

Date of Announcement: September 9, 2009

Estimated Funding: \$2,190,000 for Forest Health - Cooperative State(s): California, Guam, Hawaii

County(ies): California: Alameda, Contra Costa, Humboldt, Lake, Los Angeles, Marin, Mendocino, Monterey, Orange, Riverside, San Bernardino, San Diego, San Mateo, Santa Clara, Santa Cruz, Sonoma

Guam: Guam

Hawaii: Hawaii

Funds for these programs of work are for projects that will be carried out on State and Private Lands. Specific projects will be selected by the states.

Hawaii

Hawaii/PI Invasive Plants

Date of Announcement: May 14, 2009

Estimated Funding: \$4,486,000 for Forest Health - Cooperative State(s): Hawaii

County(ies): Hawaii, Honolulu, Kalawao, Kauai, Maui

Funds for these programs of work are for projects that will be carried out on State and Private Lands. Specific projects will be selected by the states.

Hawaii Fuels

Date of Announcement: May 5, 2009

Estimated Funding: \$897,000 for Hazardous Fuels/Ecosystem Restoration - S&PF Lands

State(s): Hawaii

County(ies): Hawaii, Honolulu, Kauai, Maui

Funds for these programs of work are for projects that will be carried out on State and Private Lands. Specific projects will be selected by the states.

Insect and Disease Region-wide Project

Date of Announcement: September 9, 2009

Estimated Funding: \$2,190,000 for Forest Health - Cooperative State(s): California, Guam, Hawaii

County(ies): California: Alameda, Contra Costa, Humboldt, Lake, Los Angeles, Marin, Mendocino, Monterey, Orange, Riverside, San Bernardino, San Diego, San Mateo, Santa Clara, Santa Cruz, Sonoma

Guam: Guam

Hawaii: Hawaii

Funds for these programs of work are for projects that will be carried out on State and Private Lands. Specific projects will be selected by the states.

Western States - Forests Adapting To and Mitigating Climate Change Effects

Date of Announcement: September 9, 2009

Estimated Funding: \$1,795,000 for Forest Health - Cooperative State(s): Alaska, California, Hawaii, Oregon, Washington

County(ies): Alaska: Bethel Census Area, Bristol Bay Borough, Denali Borough, Fairbanks North Star Borough, Kenai Peninsula Borough, Lake and Peninsula Borough, Matanuska-Susitna Borough, Nome Census Area, Northwest Arctic Borough, Southeast Fairbanks Census Area, Valdez-Cordova Census Area, Wade Hampton Census Area, Yukon-Koyukuk Census Area

California: Alameda, Alpine, Amador, Butte, Calaveras, Colusa, Contra Costa, Del Norte, El Dorado, Fresno, Glenn, Humboldt, Imperial, Inyo, Kern, Kings, Lake, Lassen, Los Angeles,

Madera, Marin, Mariposa, Mendocino, Merced, Modoc, Mono, Monterey, Napa, Nevada, Orange, Placer, Plumas, Riverside, Sacramento, San Benito, San Bernardino, San Diego, San Francisco, San Joaquin, San Luis Obispo, San Mateo, Santa Barbara, Santa Clara, Santa Cruz, Shasta, Sierra, Siskiyou, Solano, Sonoma, Stanislaus, Sutter, Tehama, Trinity, Tulare, Tuolumne, Ventura, Yolo, Yuba

Hawaii: Hawaii, Honolulu, Kalawao, Kauai, Maui

Oregon: Baker, Benton, Clackamas, Clatsop, Columbia, Coos, Crook, Curry, Deschutes, Douglas, Gilliam, Grant, Harney, Hood River, Jackson, Jefferson, Josephine, Klamath, Lake, Lane, Lincoln, Linn, Malheur, Marion, Morrow, Multnomah, Polk, Sherman, Tillamook, Umatilla, Union, Wallowa, Wasco, Washington, Wheeler, Yamhill

Washington: Adams, Asotin, Benton, Chelan, Clallam, Clark, Columbia, Cowlitz, Douglas, Ferry, Franklin, Garfield, Grant, Grays Harbor, Island, Jefferson, King, Kitsap, Kittitas, Klickitat, Lewis, Lincoln, Mason, Okanogan, Pacific, Pend Oreille, Pierce, San Juan, Skagit, Skamania, Snohomish, Spokane, Stevens, Thurston, Wahkiakum, Walla Walla, Whatcom, Whitman, Yakima

To help community forests adapt and be resilient to a changing climate, we need to know their current health. Having a baseline of community forest conditions will also provide early warning for insect and disease problems. This project uses the model of Forest Service Research's Forest Inventory and Analysis program to gather data on the condition of forests in populated areas in five western states. Results from this project will be used to evaluate questions about the potential reduction of energy use due to trees cooling the urban environment, the contribution of trees to carbon sequestration, water management within urban areas, and quality of life for urban residents.

Idaho

Managing Noxious Weeds and Invasive Species - Benewah and Shoshone

Date of Announcement: September 9, 2009

Estimated Funding: \$2,268,000 for Forest Health - Cooperative State(s): Idaho

County(ies): Benewah

Noxious weeds and invasive species are a continuing threat to the health and resiliency of forests and grasslands. This project provides ARRA funding through Forest Service State and Private Forestry to provide equipment for long-term efforts in fuels reduction and rehabilitation in areas recently damaged by fire or areas where nondesirable plant communities have been removed and need replacement by native species. This project will provide jobs with the actual work and support functions in economically distressed areas of Benewah and Shoshone counties. With multiple objectives of fuels reduction, treatment of noxious weeds and replacement with native species, this project also improves forest health and contributes to the restoration goals for a healthy, resilient landscape. Nearly two million acres are slated for treatment with this project. Partners include the Idaho State Department of Agriculture and Benewah and Shoshone counties.

Idaho Silver Valley - Hazardous Fuels Treatment (partially funded under 10%)

Date of Announcement: May 5, 2009

Estimated Funding: \$1,817,000 for Hazardous Fuels/Ecosystem Restoration - S&PF Lands State(s): Idaho

County(ies): Shoshone

The project objectives for these ARRA funds are to create and retain jobs, reduce hazardous fuels around communities and improve forest health by thinning and pruning. This nearly two million dollar grant will improve state and private lands through the Forest Service State and Private Forestry program. The need for hazardous fuels treatment is identified in the Shoshone County Wildfire Protection Plan (CWPP). The Idaho Department of Lands, the Forest Service Forest Health, the State Multi-Resource Advisory Group and the statewide Spatial Analysis Process team all collaborated to identify and prioritize areas for treatment. Forest health improvements include thinning overstocked stands and pruning white pine as needed to reduce the threat of blister rust infection. These activities will reduce the threat of insect and disease attack and improve forest resilience to wildfire in adjacent communities.

Kootenai County Forest Health Improvement

Date of Announcement: September 9, 2009

Estimated Funding: \$516,000 for Forest Health - Cooperative State(s): Idaho

County(ies): Kootenai

The Kootenai County Urban Forestry Health Improvement project addresses a backlog of public tree maintenance and is funded by the ARRA through the Forest Service State and Private Forestry program. Community trees provide tangible economic, environmental and social

benefits including improved air and water quality, lower energy cost through shading, and more effective storm water management. The focus of this project is on planting new trees in the quickly growing communities in Kootenai and Bonner counties. Activities funded will also extend to maintaining existing trees in the communities that need pruning for their health and public safety but were recently unattended to city budget shortfalls. The cities will contract with qualified tree care experts creating jobs in the arboriculture and landscaping fields.

Managing Noxious Weeds & Invasive Species - Adams

Date of Announcement: May 5, 2009

Estimated Funding: \$2,269,000 for Hazardous Fuels/Ecosystem Restoration - S&PF Lands

State(s): Idaho

County(ies): Adams

From 2000 to 2007, Adams, Valley, and Gem Counties have experienced several hundred forest fires. The project area is currently part of a fuels reduction program which targets residential communities by removing brush, trees, and invasive species. This project will emphasize fuels reduction efforts, safety of rural communities from severe fire losses, and degraded air quality. It will positively impact and improve community health and quality of life. General forest health will be improved by the removal of unwanted competitive vegetation from the forest stand. Additionally, desirable species replanted following removal of ladder fuels will benefit wildlife habitat and water quality. Both issues are important components of the recreation sector which is an integral economic engine for these counties.

Ada County Forest Health Improvement

Date of Announcement: September 9, 2009

Estimated Funding: \$516,000 for Forest Health - Cooperative State(s): Idaho

County(ies): Ada

Community trees provide tangible economic, environmental and social benefits while improving public health. Without continued maintenance, the value of these trees decline, increasing risk to public health and safety. This project will address a backlog of tree maintenance by providing the necessary funds to cities in Canyon and Ada Counties, who have the ability to oversee the required maintenance work. The cities would then use the funds to contract with local qualified tree care companies who would, in turn, hire local labor to perform the work. This project creates jobs, improves forest health and improves public safety.

Region 4 State and Private Forestry Tribal Initiative

Date of Announcement: August 18, 2009 Estimated Funding: \$500,000 for Hazardous Fuels/Ecosystem Restoration - S&PF Lands State(s): Idaho, Nevada, Utah

County(ies): Idaho: Bannock, Bingham, Caribou, Owyhee, Power

Nevada: Churchill, Elko, Lyon, Mineral, Washoe, White Pine

Utah: Duchesne, Juab, Uintah

These funds will be used to help facilitate the creation of programs/projects by the Tribe(s) for

forest health and hazardous fuels reduction some ideas for projects are: 1) Developing plans for utilization of biomass; 2) Assessments/surveys of Western Bark Beetle; 3) Assessments/surveys of noxious weeds infestation; 4) Developing plans to deal with either of the above assessments/surveys; 5) Implementation of vegetation management projects for use in biomass utilization; 6) Creating fuel breaks, defensible space, prescribed or other forestry type program projects that are fuels reduction and or vegetation management in nature; 7) Develop plans to help manage/reduce the impacts of land use change, fragmentation and urbanization on forest landscapes.

North Idaho Counties - Hazardous Fuel Reduction on Private Lands

Date of Announcement: March 9, 2009 Estimated Funding: \$2,300,000 for Hazardous Fuels/Ecosystem Restoration - S&PF Lands State(s): Idaho County(ies): Benewah, Bonner, Boundary, Kootenai

This project funds hazardous fuel reduction in the wildland urban interface on private lands in Boundary, Benewah, Bonner and Kootenai counties as identified in the Counties' Wildfire Protection Plans (CWPP). Local wildfire protection plans can take a variety of forms, based on the needs of the people involved in their development and may address issues such as wildfire response, hazard mitigation, community preparedness, or structure protection or all of the above. This project issues grants to the counties, who in turn, would contract for the work to be accomplished. Activities include commercial thinning (carefully selected cut of merchantable timber to thin forests surrounding the communities); intensive treatment of hazardous fuels through labor-intensive hand-cutting; pre-commercial thinning (thinning of young, immature, over-stocked trees); piling and burning of potential fuels; under burning (controlled, low-intensity fire to clear undergrowth) and roadside fuels reduction. Utilization of commercial products and biomass will be provided. We estimate this project will treat fuels on over 2,000 acres surrounding communities, reducing future risk from wildfire.

Illinois

Restoring Jobs / Restoring Habitats: Jobs that Bring Health Back to Forest, Wetlands and Watersheds

Estimated Funding: \$1,077,000 for Forest Health - Cooperative State(s): Illinois
County(ies): Cook

People will be employed in good paying jobs with benefits, working toward the restoration of their communities' ecosystems. This will include: retention of current employees in environmental restoration-focused businesses; training and hiring disadvantaged workers with significant barriers to employment, including the formerly incarcerated; support staff such as trainers, social support staff, and supervisors; and a project manager. These workers will enter the growing field of natural resource restoration – a green industry. Existing workforce development programs will be critical partners on this project, building on their success in training and placing workers in green industries. Persons employed by the project will work to improve environmental quality and habitat health on publicly owned wetland, prairie, and forested sites in southeast Chicago. All of the project sites under consideration are designated for environmental restoration in the award-winning Calumet Area Land Use Plan.

Public Community and Forestry Program

Date of Announcement: September 9, 2009

Estimated Funding: \$1,795,000 for Forest Health - Cooperative State(s): Illinois
County(ies): Cook, Kane

The primary purpose of this project will be to maintain jobs, reinstate jobs, or stimulate the creation of jobs through partnerships with the City of Elgin and the Davey Tree Expert Company (Davey) by conducting forest health management activities on the City of Elgin, Illinois' lands to achieve safe, productive, and sustainable forests. Funding will be used to hire and retain employees who have been laid off or are in jeopardy of being laid off due to the current economic conditions. Funds will allow the City of Elgin to detect, monitor, and evaluate forest health conditions on their public lands.

Indiana

Green Infrastructure Jobs in Urban - Industrial Areas

Date of Announcement: May 5, 2009

Estimated Funding: \$292,000 for Hazardous Fuels/Ecosystem Restoration - S&PF Lands

State(s): Indiana

County(ies): Lake, Porter

This project will employ furloughed steel and manufacturing employees in green infrastructure activities such as storm water retention, hazardous fuels reduction, and ecosystem restoration projects.

Iowa

Forest Regeneration Center Enhancement

Date of Announcement: September 9, 2009

Estimated Funding: \$449,000 for Forest Health - Cooperative State(s): Iowa

County(ies): Lee, Story

The primary purpose of this project is to maintain jobs, reinstate jobs, or stimulate the creation of jobs through the Iowa State Forester by conducting facility improvements to the Iowa Forest Regeneration Center, hiring temporary employees to assist with lifting and shipping seedlings and retaining current positions at the facility. Funds will also be used to help Iowa improve and maintain forest health by providing a baseline supply of native seed source plant material for reforestation and afforestation, and assist with the reduction of hazardous fuels through the production of healthy native plant material.

Maine

Fuels for Public Buildings

Date of Announcement: June 11, 2009

**Estimated Funding: \$11,424,000 for Wood to Energy Grants - nonFederal Lands State(s):
Maine**

County(ies): Aroostook, Franklin, Hancock, Penobscot, Piscataquis, Somerset, Washington

This project will support the conversion of heating systems for an estimated 15 public buildings to wood/dual-fuel heating systems, resulting in greater fuel efficiency and use of a renewable energy source.

Maryland

Restoring Baltimore's Ecosystems through Site Improvements

Date of Announcement: September 9, 2009

Estimated Funding: \$897,000 for Forest Health - Cooperative State(s): Maryland

County(ies): Baltimore

Parks & People Foundation will rehabilitate a key part of Baltimore's green infrastructure, an abandoned 9-acre wooded parcel of historic Druid Hill Park, creating or sustaining private sector positions in economically hard-hit Baltimore. Environmental improvements to this state and private land include extensive forestry management, invasives removal, thinning, pruning, erosion control, drainage system upgrades, water retention improvements, and small brush removal. The site currently jeopardizes public safety, as the forest has been unmanaged in a densely populated area for more than 25 years. Benefits from the project include a healthier forest stand and a safer forest community. Wide-ranging natural resource goals include improving ecosystem services, forest health, tree canopy, air quality, and water quality, and reducing fire hazards.

Creating Jobs to Turn Baltimore's Infrastructure and Natural Resources Green

Date of Announcement: September 9, 2009

Estimated Funding: \$1,077,000 for Forest Health - Cooperative State(s): Maryland

County(ies): Baltimore

This project will create new jobs and save existing jobs related to landscape restoration and environmental rehabilitation on state and private lands in Baltimore. Building on Parks & People Foundation's job training and skill development programs (Green Career Ladder and BRANCHES), the project will: prepare trainees for community forestry work; supervise and guide their work; and accomplish specific goals related to enhancing water quality and ecosystem services in targeted Baltimore neighborhoods and watersheds. Four teams will be created with a crew leader and four trainees will be recruited from the neighborhoods where community forestry work is to be performed. Employees will receive training in tree care and maintenance, removal of impervious surfaces to create new opportunities for green space, monitoring and management of forest pests, removal of invasive non-native plants, and installation of innovative bio-swales, bio-retention infrastructure, infiltration facilities, rain gardens, rain barrels, and green roofs.

Massachusetts

Southeast Massachusetts Hazardous Fuels Mitigation and Ecosystem Restoration

Date of Announcement: May 5, 2009

Estimated Funding: \$1,974,000 for Hazardous Fuels/Ecosystem Restoration - S&PF Lands

State(s): Massachusetts

County(ies): Barnstable, Dukes, Plymouth

The primary purpose of this Program of Work is to maintain jobs, reinstate jobs, or stimulate the creation of jobs through State Foresters, or equivalent State officials, by reducing the threat of wildfire to communities and resources on State & Private lands. Funding provided through the American Recovery and Reinvestment Act (ARRA) should be focused, at a minimum, on addressing critical preparedness needs and hazard mitigation as follows: Additional state fire management specialists; increasing fire planning in high-risk areas; assisting communities with the development of Community Wildfire Protection Plans (CWPPs); emphasizing and expanding the Firewise Communities program; implementation of Firewise treatments in communities; hazard mitigation activities through fuels reduction and community defensibility; state planning in preparation of hazard mitigation projects; conducting related forestry activities in Forest Health Protection, Community Forestry, or Forest Stewardship that provide a direct benefit in reducing fire hazard.

Massachusetts Asian Longhorn Beetle Area Watershed Health and Ecological Enhancement

Estimated Funding: \$4,487,000 for Forest Health - Cooperative State(s): Massachusetts

County(ies): Barnstable, Berkshire, Bristol, Dukes, Essex, Franklin, Hampden, Hampshire, Middlesex, Nantucket, Norfolk, Plymouth, Suffolk, Worcester

The primary purpose of this project is to maintain jobs, reinstate jobs, stimulate the creation of jobs through the Massachusetts State Forester by restoring the forest canopy of communities affected by the large scale removal of trees as part of the Asian Long Horn Beetle (ALB) eradication program. Funding provided through the ARRA will be focused on tree planting primarily within the removal zones of the ALB eradication program.

Massachusetts Native Species (Invasive) Ecological Restoration

Date of Announcement: May 14, 2009

Estimated Funding: \$538,000 for Forest Health - Cooperative State(s): Massachusetts

County(ies): Barnstable, Berkshire, Bristol, Dukes, Essex, Franklin, Hampden, Hampshire, Middlesex, Nantucket, Norfolk, Plymouth, Suffolk, Worcester

This collaborative project will result in comprehensive wildland firefighting training for wildland and municipal firefighters in Massachusetts. In addition, firefighters will be employed to conduct focused treatments, such as fire-risk planning and prescribed burns, in the Pine Barrens of southeast Massachusetts.

Michigan

Emerald Ash Borer (EAB) Containment and Ecosystem Restoration

Date of Announcement: September 9, 2009

**Estimated Funding: \$2,244,000 for Forest Health - Cooperative State(s): Michigan, Ohio
County(ies): Keweenaw, Mackinac, Macomb, Monroe, Schoolcraft, Wayne; Ohio: Lucas**

Detroit and Toledo have experienced significant impacts from EAB with millions of trees killed along public streets and in natural areas. These municipalities which are suffering from economic downturns in the automobile industry do not have the resources for removal and replacement of the dying trees which present serious risks to human safety and property and ecosystem health. The Metropolitan Parks District of the Toledo Area will receive \$ 1.344 million for tree removal and restoration activities in parks within the metropolitan district area. The Michigan Department of Natural Resources and their partners will receive \$ 900,000 for similar activities within the greater Detroit metropolitan area. These activities will be closely coordinated by NRS, NA and state partners through a joint action plan to ensure they complement similar projects funded by the 2009 Congressionally directed funding for EAB. For instance, projects funded by the 2009 Congressionally directed funding focus on areas of Toledo, whereas activities funded by this ARRA project are targeted at the Metropolitan Parks. Similarly, this ARRA funding will target parks, neighborhoods, and power-line rights-of-way in a broader geographic range of the Detroit Metropolitan area than the projects along highways funded by the 2009 Congressionally directed funding. NRS will have the opportunity for internal evaluation and analysis of data generated by the tree removal (number, size and location of removed trees) and restoration activities (invasive plant removal, replanting species, number, size, locations, and effects of restoration on forest ecosystems).

Restoring Native Plants on Grand Island National Recreation Area

Date of Announcement: September 9, 2009

**Estimated Funding: \$200,000 for Forest Health - Cooperative State(s): Michigan
County(ies): Alger**

The Grand Island National Recreation Area (NRA) on the Hiawatha NF has significant problems with invasive plants destroying the habitat for important native species. This project will employ crews to remove problem plants, prepare sites, and return desirable species to viability in historically significant locations within the NRA. Immediate jobs will be created and skills developed for long-term careers in ecological restoration and natural resource management in an economically depressed area. Activities will include the use of prescribed burning and mechanical treatments to prepare the sites, planting of native species, and one year of maintenance to ensure establishment of the newly planted areas. Monitoring of effectiveness of treatments will allow dissemination of recommended treatment approaches to other, similar sites. The project is a joint effort among the Hiawatha NF, the Northern Research Station, the Superior Watershed Partnership, Michigan State Extension, and Alger County schools.

Invasive Species Control

Date of Announcement: May 14, 2009

Estimated Funding: \$2,692,000 for Forest Health - Cooperative State(s): Michigan

County(ies): Alcona, Alger, Allegan, Alpena, Antrim, Arenac, Baraga, Barry, Bay, Benzie, Berrien, Branch, Calhoun, Cass, Charlevoix, Cheboygan, Chippewa, Clare, Clinton, Crawford, Delta, Dickinson, Eaton, Emmet, Genesee, Gladwin, Gogebic, Grand Traverse, Gratiot, Hillsdale, Houghton, Huron, Ingham, Ionia, Iosco, Iron, Isabella, Jackson, Kalamazoo, Kalkaska, Kent, Keweenaw, Lake, Lapeer, Leelanau, Lenawee, Livingston, Luce, Mackinac, Macomb, Manistee, Marquette, Mason, Mecosta, Menominee, Midland, Missaukee, Monroe, Montcalm, Montmorency, Muskegon, Newaygo, Oakland, Oceana, Ogemaw, Ontonagon, Osceola, Oscoda, Otsego, Ottawa, Presque Isle, Roscommon, Saginaw, Saint Clair, Saint Joseph, Sanilac, Schoolcraft, Shiawassee, Tuscola, Van Buren, Washtenaw, Wayne, Wexford

This project will hire people to survey for and eradicate invasive forest plant species, such as garlic mustard and glossy buckthorn, on State forest lands.

Implementation of Mitigation Strategies Based on the Slowing Ash Mortality Effort in the Upper Peninsula

Estimated Funding: \$2,243,000 for Forest Health - Cooperative State(s): Michigan

County(ies): Delta, Houghton, Mackinac, Schoolcraft

This project is a cooperative effort between the USDA Forest Service, USDA Animal and Plant Health Inspection Service, Michigan Department of Agriculture (MDA), Michigan Department of Natural Resources (MDNR), Michigan Tech University (MTU), and Michigan State University (MSU). The overall project goal is to implement and evaluate treatment strategies targeted at slowing the expansion of ash tree mortality at three locations: 1) the Upper Peninsula (UP) of Michigan where emerald ash borer (EAB) has been detected; 2) Mackinac, Delta and Schoolcraft Counties; and 3) Houghton County. In order to accomplish the goal, field survey staff, project coordinators, outreach staff, data management specialists and other positions will be filled, reinstated or maintained. Project activities will include community tree inventories and management plans completed by qualified consulting foresters/arborists, targeting communities within the "Slow Ash Mortality"(SLAM) project area of Michigan's upper peninsula will be targeted. MDA will delimit emerald ash borer populations using grids of girdled detection trees in 2010 and 2011 in Delta and Schoolcraft Counties and MTU will perform the same activities in Houghton County. These trees will be peeled in the fall of each year to determine whether they are infested with emerald ash borer. MDA will also conduct an inventory of ash resources in Delta and Schoolcraft Counties, consistent with work previously carried out in Mackinac County. Additional inventory of the ash resources in Mackinac County will also be performed. MTU will conduct the same inventory in Houghton County. The datasets generated will assist in directing population suppression efforts to slow ash mortality. Database management and GIS development, evaluation of the progression of EAB and ash mortality, and outreach and public information will be provided by MSU.

Mississippi

Comprehensive Southern Pine Beetle Prevention Project for Mississippi

Date of Announcement: September 9, 2009

Estimated Funding: \$897,000 for Forest Health - Cooperative State(s): Mississippi

County(ies): Adams, Alcorn, Amite, Attala, Benton, Bolivar, Calhoun, Carroll, Chickasaw, Choctaw, Claiborne, Clarke, Clay, Coahoma, Copiah, Covington, DeSoto, Forrest, Franklin, George, Greene, Grenada, Hancock, Harrison, Hinds, Holmes, Humphreys, Issaquena, Itawamba, Jackson, Jasper, Jefferson, Jefferson Davis, Jones, Kemper, Lafayette, Lamar, Lauderdale, Lawrence, Leake, Lee, Leflore, Lincoln, Lowndes, Madison, Marion, Marshall, Monroe, Montgomery, Neshoba, Newton, Noxubee, Oktibbeha, Panola, Pearl River, Perry, Pike, Pontotoc, Prentiss, Quitman, Rankin, Scott, Sharkey, Simpson, Smith, Stone, Sunflower, Tallahatchie, Tate, Tippah, Tishomingo, Tunica, Union, Walthall, Warren, Washington, Wayne, Webster, Wilkinson, Winston, Yalobusha, Yazoo

The Mississippi Forestry Commission has been funded for an ARRA grant to reduce the impact of the southern pine beetle (SPB) on Mississippi's forests and economy. The grant will create and retain jobs by providing payments to independent contract loggers for thinning operations on medium to high hazard pine stands across Mississippi. Additional jobs are expected to be retained through funds provided for the preparation of forest stewardship plans for pine stands rated medium to high hazard for SPB losses. Coordination of all SPB prevention activities across Mississippi will be critical to accomplishing the mission. These activities will not only stimulate and retain jobs in the short term, but also improve the long term health and sustainability of Mississippi forests and forest products industry.

Mississippi Hazardous Fuels Reduction Program

Date of Announcement: May 5, 2009

Estimated Funding: \$763,000 for Hazardous Fuels/Ecosystem Restoration - S&PF Lands

State(s): Mississippi County(ies): Adams, Alcorn, Amite, Attala, Benton, Bolivar, Calhoun, Carroll, Chickasaw, Choctaw, Claiborne, Clarke, Clay, Coahoma, Copiah, Covington, DeSoto, Fo, Warren, Washington, Wayne, Webster, Wilkinson, Winston, Yalobusha, Yazoorrest, Franklin, George, Greene, Grenada, Hancock, Harrison, Hinds, Holmes, Humphreys, Issaquena, Itawamba, Jackson, Jasper, Jefferson, Jefferson Davis, Jones, Kemper, Lafayette, Lamar, Lauderdale, Lawrence, Leake, Lee, Leflore, Lincoln, Lowndes, Madison, Marion, Marshall, Monroe, Montgomery, Neshoba, Newton, Noxubee, Oktibbeha, Panola, Pearl River, Perry, Pike, Pontotoc, Prentiss, Quitman, Rankin, Scott, Sharkey, Simpson, Smith, Stone, Sunflower, Tallahatchie, Tate, Tippah, Tishomingo, Tunica, Union, Walthall

The State of Mississippi contains 18.6 million acres of timbered and noncultivable land for which the Mississippi Forestry Commission (MFC) is responsible for wildfire suppression. Mississippi's 5-year average wildfire occurrence is approximately 3,200 wildfires with 56,000 acres lost. The majority of the state's population and homes are outside of major metropolitan areas, large towns or cities. They are in the rural areas, small towns and communities. The areas

in which wildland fires occur are suffering from a heavy buildup of forest fuels caused by years of active fire suppression. This is especially true in the southern half of the state that is still dealing with heavy fuel buildup in some areas due to Hurricane Katrina. The MFC will hire additional personnel, contract with private vendor and/or use MFC personnel to do prescribed burning, fuel break construction or mechanical fuel reduction. This work will aid in reducing the risk of wildland fires in the state around communities and homes.

Eradication of Invasive Species in Mississippi

Date of Announcement: May 14, 2009

Estimated Funding: \$1,167,000 for Forest Health - Cooperative State(s): Mississippi

County(ies): Adams, Alcorn, Amite, Attala, Benton, Bolivar, Calhoun, Carroll, Chickasaw, Choctaw, Claiborne, Clarke, Clay, Coahoma, Copiah, Covington, DeSoto, Forrest, Franklin, George, Greene, Grenada, Hancock, Harrison, Hinds, Holmes, Humphreys, Issaquena, Itawamba, Jackson, Jasper, Jefferson, Jefferson Davis, Jones, Kemper, Lafayette, Lamar, Lauderdale, Lawrence, Leake, Lee, Leflore, Lincoln, Lowndes, Madison, Marion, Marshall, Monroe, Montgomery, Neshoba, Newton, Noxubee, Oktibbeha, Panola, Pearl River, Perry, Pike, Pontotoc, Prentiss, Quitman, Rankin, Scott, Sharkey, Simpson, Smith, Stone, Sunflower, Tallahatchie, Tate, Tippah, Tishomingo, Tunica, Union, Walthall, Warren, Washington, Wayne, Webster, Wilkinson, Winston, Yalobusha, Yazoo

The Mississippi Forestry Commission will use the ARRA funded grant to enhance control of invasive plant species including cogongrass, Japanese privet, kudzu, and Japanese climbing fern. The program will focus on cogongrass and kudzu. Both cogongrass and kudzu infest increasingly large percentages of the 18.6 million acres of forest land in Mississippi. This program is expected to put many of these currently infested and unproductive lands back in production. This project will create new jobs as well as providing continued employment for many Mississippians. All positions created by this program will be time limited and will include a Program Director and Assistant. Herbicide treatments and post treatment evaluations will be completed by crews hired for this purpose from within the State.

Montana

Montana Hazardous Fuels Reduction/Restoration Forestry Projects

Date of Announcement: May 5, 2009

Estimated Funding: \$3,589,000 for Hazardous Fuels/Ecosystem Restoration - S&PF Lands

State(s): Montana

County(ies): Sanders

This project enhances restoration efforts and provides wildfire hazard fuels reduction treatments to lands managed by our state partners and non-industrial private lands (NIPL) within the urban interface (WUI). Several key drainages are identified in specific areas around the state with a high percentage of state and NIPL in need of treatment. Through the Forest Service State and Private Forestry program, projects will be implemented in thirteen counties to restore the health and resiliency of the forested lands and mitigate the buildup of fuels affected by mountain pine beetle outbreaks. Montana Department of Natural Resources and Conservation and other partners are contributing funds to this broad effort. Other benefits of this multicounty effort is to maximize opportunities to use biomass in a variety of locations and help create or retain jobs for contractors, logging operators and entrepreneurs within Montana's forest industry.

Northwest Montana Forest Pest Management

Date of Announcement: September 9, 2009 Estimated Funding: \$296,000 for Forest Health - Cooperative State(s): Montana

County(ies): Lake

This project has three areas of emphasis: pruning western white pine to delay the advance of white pine blister rust and conserve the species; intensive management of lands with Douglas-fir dwarf mistletoe while reducing bark beetle and wildfire risks; and thinning and associated burning treatments on Montana state-administered forestlands to mitigate forest health (i.e. bark beetles) issues, reduce fuels and promote stewardship in the wildland-urban interface. Some commercial products will add economic benefits to communities. Areas for treatment will be prioritized to achieve treatment of contiguous areas. Projects will be occurring in counties with some of the highest rates and increase in unemployment in the state.

Lake County Fuels Reduction and Ecosystem Restoration

Date of Announcement: May 5, 2009

Estimated Funding: \$987,000 for Hazardous Fuels/Ecosystem Restoration - S&PF Lands

State(s): Montana

County(ies): Flathead

The Flathead Forest Stewardship Grant will provide forest restoration and wildfire fuels hazard reduction treatment for forested Montana state-administered and non-industrial private lands in Flathead County. Grants will be awarded through a competitive process with emphasis on treatment areas in the wildland urban interface and maximum utilization of forest products,

including biomass. The Energy Conservation Landscaping grant will provide funding to Montana communities to plant trees for energy conservation by giving shade and mitigating air pollution. Emphasis will be on utilization of local contractors and nurseries with local project inspectors.

Sanders County Fuels & Restoration & Stewardship Projects

Date of Announcement: May 5, 2009

Estimated Funding: \$1,064,000 for Hazardous Fuels/Ecosystem Restoration - S&PF Lands

State(s): Montana

County(ies): Sanders

Included in this project are two subprograms: Sanders County Forest Stewardship grant and the Sanders County Forest Restoration/Fuels Mitigation grant provided by ARRA funding through the Forest Service State and Private Forestry program. The Sanders County Forest Stewardship grant enhances restoration efforts and hazardous fuels reduction efforts. The lands treated are forested Montana state-administered lands and non-industrial private lands. Grants will be awarded through a competitive process with emphasis on treatment areas in the wildland urban interface (WUI) areas. The Sanders County Forest Restoration/Fuels Mitigation grant is geared toward restoration forestry projects in areas with bark beetle damage in Sanders County. Both projects share the goals of creating or retain jobs for contractors and wood products workers, reduce hazardous fuels in the WUI, and promoting an appropriate mix of species while reduce tree densities on Montana state-managed lands.

Lincoln County Fuels & Ecosystem Restoration

Date of Announcement: May 5, 2009

Estimated Funding: \$808,000 for Hazardous Fuels/Ecosystem Restoration - S&PF Lands

State(s): Montana

County(ies): Lincoln

This ARRA funded grant project consists of two programs: The Lincoln County Fuels Mitigation project receiving over \$500,000 and the Lincoln County Urban Forest Enhancement program with nearly \$300,000. The Fuels Mitigation Project provides hazardous fuels reduction work on non-industrial private lands within Lincoln County. The activities will align with the Lincoln County Community Wildfire Protection Plan (CWPP) with the Northwest Regional Resource Conservation and Development Inc. as the administering partner. Approximately 400 acres will be treated to reduce the impacts of future wildland fires to area communities. The community forestry project will be administered by Montana Department of Natural Resources and Conservation using local contractors, nurseries and landscaping businesses to plant trees, prune park, street and boulevard trees for their health and public safety in communities in Lincoln County.

Wildfire Rehab and Restoration - Powell & Sanders Counties

Date of Announcement: May 5, 2009

Estimated Funding: \$538,000 for Hazardous Fuels/Ecosystem Restoration - S&PF Lands

State(s): Montana
County(ies): Sanders

This ARRA funded project will be granted through the Forest Service State and Private Forestry Program. The over \$500,000 will be administered by the Montana Department of Natural Resources and Conservation to meet several goals: Providing jobs for forestry professionals and wildfire restoration experts through contracts, assist state and private landowners with wildfire recovery projects, and treat state and private lands to prevent or control noxious weeds. Another major part of this project is extensive post wildfire erosion activities such as grass seeding, installing waddles, restoring stream crossings, replacing culverts and felling some trees to protect streams and roads. These projects were identified as high priority by all the area partners in the Multi-Agency Restoration Strategy.

Managing Noxious Weeds & Invasive Species - Lincoln Co.

Date of Announcement: May 5, 2009

Estimated Funding: \$377,000 for Hazardous Fuels/Ecosystem Restoration - S&PF Lands

State(s): Montana

County(ies): Lincoln

Noxious weeds and invasive species are a continuing threat to the health and resiliency of forests and grasslands. This project provides ARRA funding for long-term efforts in fuels reduction and rehabilitation in areas recently damaged by fire or areas where non-desirable plant communities have been removed and need replacement by native species. This project will provide jobs with the actual work and support functions in economically distressed areas of Lincoln county. With multiple objectives of fuels reduction, treatment of noxious weeds and replacement with native species, this project also improves forest health and contributes to the restoration goals for a healthy, resilient landscape. Nearly two million acres are slated for treatment with this project. Partners include the Montana Department of Natural Resources and Conservation and Lincoln County.

Flathead County Fuels Projects

Date of Announcement: May 5, 2009

Estimated Funding: \$506,000 for Hazardous Fuels/Ecosystem Restoration - S&PF Lands

State(s): Montana

County(ies): Flathead

The ARRA program is providing about \$500,000 in grants through the Forest Service State and Private Forestry Program for projects in Flathead County. The projects funded reduce hazardous fuels on non-industrial private lands mitigating the fire threat on 425 'high risk' acres identified in the Flathead County Community Wildfire Protection Plan. Target areas for treatment are around the communities of Marion, Whitefish, Echo Lake, Blaine Lake and rural residences along the middle fork of the Flathead Rivers. Oversight of the projects is provided by the Montana Department of Natural Resources and Conservation (DNRC). Additional goals for these projects include creating or retaining jobs within Montana's forest industry, providing biomass products for local area projects, and maximizing the effectiveness of the hazardous fuels

reduction projects by selecting projects and acres that will benefit most by the projects. Partners include the Montana DNRC and the Northwest Resource Conservation and Development Inc.

Lake County Fuels Reduction & Ecosystem Restoration

Date of Announcement: May 5, 2009

Estimated Funding: \$987,000 for Hazardous Fuels/Ecosystem Restoration - S&PF Lands

State(s): Montana

County(ies): Lake

This project includes nearly one million dollars in ARRA funding to accomplish forest restoration and hazardous fuels reduction in Lake County Montana. Three sub-projects are included: the Lake County Forest Stewardship project, the Swan Valley Stewardship project and the Lake County Hazardous Fuels reduction project. The funding, through the Forest Service State and Private Forestry program will treat forested areas managed by the state of Montana and non-industrial private lands within Lake County. The Swan Valley Stewardship project treats fuels within Missoula and Lake County portions of the Swan Valley. Guiding the projects' activities will be the priorities outlined in the Lake County Community Wildfire Protection Plan. Objectives for these projects include mitigating the risk of severe fire by reducing hazardous fuels, especially in the wildland urban interface, restoring the resiliency of the forest to insects and disease, and product forest products including biomass for area programs. Partners include the Montana Department of Natural Resources and Conservation, the Lake County Office of Emergency management, and the Swan Ecosystem Center.

Nevada

Nevada Invasive Fuels Eradication - Washoe and Lyon Counties

Date of Announcement: May 5, 2009

Estimated Funding: \$2,243,000 for Hazardous Fuels/Ecosystem Restoration - S&PF Lands

State(s): Nevada

County(ies): Lyon, Washoe

This project reduces wildfire danger in cheatgrass habitats. Cheatgrass is an invasive grass and is a significant contributing factor in extreme wildland fires that cause both economic and ecosystem damage. Fuel breaks in the Wildland-Urban Interface will protect homes and private investments and provide opportunities for more effective fire suppression. Treatments will also increase public and firefighter safety. Success in the 'War on Cheatgrass' will save state and federal agencies millions in fire suppression funds, restore ecosystem and economic benefits including forage, wildlife habitat, recreation opportunities, and improve water quality and quantity.

Hawken 2007 Fire Restoration

Date of Announcement: May 5, 2009

Estimated Funding: \$718,000 for Hazardous Fuels/Ecosystem Restoration - S&PF Lands

State(s): Nevada

County(ies): Washoe

The Hawken Fire of 2007 affected more than 2,709 acres of land of which 760 acres are nonfederal lands adjacent to forested lands. On the proposed ecosystem restoration of the 760 acres, there is a minimum of 10% canopy cover. ARRA funds would purchase plants, planting supplies, and contract labor for eco-restoration. The restoration plan includes treatments to stabilize soils, clear stream channels and streambank stabilization, replant Ponderosa and Jeffrey pine trees and native shrubs, weed control, reseed private and county land adjacent to U.S. National Forest and reduce the risk of repeat wildfire in the region. The burn area threatens the safety of nearby homes from future fires, recreational access, crucial winter habitat for mule deer along the Carson range of the Sierra, and the quality of the community's drinking water. This watershed drains directly to the Truckee River, which provides drinking water for the communities of Reno and Sparks (population 300,000). The restoration will be assisted by community partnerships.

Lincoln County Multidisciplinary Hazardous Fuels/Ecosystem Restoration on State and Private Forestry Lands Project

Estimated Funding: \$1,314,100 for Hazardous Fuels/Ecosystem Restoration - S&PF Lands

State(s): Nevada

County(ies): Lincoln

This project consists of 7,802 acres of public lands that will be treated to reduce hazardous fuels

and improve health of forest and rangeland ecosystems, including management actions such as: reducing hazardous fuels, treating invasive plants and diseases on forests and rangelands, planting and reseeded both forests and rangelands, and controlling erosion. There will also be biomass utilization and wood industry infrastructure improvements: Woody biomass resulting from forest treatments will be utilized by local pellet mill, and utilization and marketing options will be expanded to create sustainable industry. Fire risks will also be reduced as community economic, social and environmental health is enhanced.

Carson River Streambank & Stabilization

Date of Announcement: May 5, 2009

Estimated Funding: \$628,000 for Hazardous Fuels/Ecosystem Restoration - S&PF Lands

State(s): Nevada

County(ies): Carson City

This project would enhance and protect the Carson River system, and provide work opportunities for unemployed individuals to conduct the following activities: map, eradicate, and monitor noxious weed infestations. Treatments will include both chemical, and biological methods, where appropriate, to revegetate areas recovering from recent fires and areas following weed treatments, fuels reduction will be conducted where necessary; river restoration utilizing bio engineering techniques at determined locations; planting of desirable riparian vegetation for streambank stabilization, treating noxious weeds, and providing shading to aid with water quality challenges. The project will be managed by the Carson Water Subconservancy District, a state agency designated as the watershed management organization for the Carson River Watershed. Monitoring and community education components would be included as part of this project to provide measures of success and enhance community awareness.

Peavine 2006 Fire Restoration

Date of Announcement: May 5, 2009

Estimated Funding: \$583,000 for Hazardous Fuels/Ecosystem Restoration - S&PF Lands

State(s): Nevada

County(ies): Washoe

The Peavine Fire (AKA Verdi Complex) fire occurred in 2004 on 1,079 acres of land, 919 of those acres are nonfederal lands adjacent to forested lands. The restoration of the proposed 919 acres of nonfederal land contains a minimum of 10% canopy cover. The Ecosystem Restoration project will fund contract labor and create jobs to reseed and control weeds in selected burn areas. In addition, the ARRA funds will provide the resources to plant native shrubs and tree seedlings in clusters as well as create fuel breaks and green strips surrounding nearby development as wildlife forage and natural fire protection all targeted to restore habitat affected by wildfire. The ecosystem restoration effort will also reduce the risk of repeat wildland fires in the region. The Peavine project will restore undeveloped and publicly accessible private lands adjacent to U.S. National Forest. The Peavine watershed drains directly to the Truckee River, which provides drinking water for the communities of Reno and Sparks (population 300,000). Restoring the burn with native plants will prevent additional soil erosion, control noxious weeds, reduce the burn cycle with fire tolerant perennials, and provide critical habitat for the mule deer

herd. The restoration will be assisted by community partnerships.

Washoe County Open Space Fuels Reduction

Date of Announcement: May 5, 2009

Estimated Funding: \$249,000 for Hazardous Fuels/Ecosystem Restoration - S&PF Lands

State(s): Nevada

County(ies): Washoe

This proposed ARRA project would provide hazardous fuels reduction work on Washoe County Open Space land, which is adjacent to forested land and has a minimum of 10% canopy cover. Some of the proposed areas include 350 acres of Utah juniper forest in Sun Valley Regional Park and 110 acres near the Regional Archery Facility, both of which are adjacent to the Carson District of the Bureau of Land Management, as well as 121 acres in the Persigehl Trailhead area, which is adjacent to the Carson Ranger District of the U.S. Forest Service. Thinning of trees and brush is needed to provide fire safe buffers and reduce weeds and ladder fuels. Mastication of shrubs will reduce the fire risk in the region and bring these lands into compliance with our Regional Open Space Plan and Hazardous Fuels and Fire Risk Assessment Plan.

Tamarisk removal control and revegetation

Date of Announcement: May 5, 2009

Estimated Funding: \$763,000 for Hazardous Fuels/Ecosystem Restoration - S&PF Lands

State(s): Nevada

County(ies): Clark

The proposed project is to improve the ecosystem functions of riparian lands in Clark County, which includes removing non-native woody biomass and replanting cleared areas with native vegetation. Efforts will be focused along the lower Las Vegas Wash, however, other riparian lands will be targeted. The benefits of these ecosystem improvements are many and include but are not limited to: 1) Clark County homeowners, wastewater facilities, and storm water and wastewater conveyance systems, 2) removal of fire-prone vegetation from exurban areas, 3) removal of woody biomass and noxious weeds from riparian channels, 4) safer and more aesthetically pleasing areas, 5) improved wildlife habitat, and 6) improved water quality through replanted vegetation that facilitates pollutant attenuation.

Belli Fire Restoration

Date of Announcement: May 5, 2009

Estimated Funding: \$538,000 for Hazardous Fuels/Ecosystem Restoration - S&PF Lands

State(s): Nevada

County(ies): Washoe

The Belli Fire of 1996 burned 6,723 acres of land of which 1,509 acres are nonfederal lands adjacent to forested lands. Of the proposed 1,509 acres of nonfederal lands, there is a minimum of 10% canopy cover. The project will include implementing defensible space practices along the urban interface, mapping and eradicating noxious and invasive weeds, reseeding and

replanting with native shrubs, trees and grasses to improve wildlife habitat, improve water quality, reduce soil erosion and reduce the risk of repeat wildland fire in the region. The proposed acreage for restoration will be prioritized by planting north slopes and riparian corridors first to increase water quality, wildlife habitat and take advantage of soil moisture. The Belli Fire is within the Truckee River watershed. Community partners will be involved in the restoration effort as well.

Rancho Haven/Red Rock Fire Restoration

Date of Announcement: May 5, 2009

Estimated Funding: \$449,000 for Hazardous Fuels/Ecosystem Restoration - S&PF Lands

State(s): Nevada

County(ies): Washoe

The RedRock (AKA Gooseberry Fire) of 2008 burned 3,038 acres of land of which approximately 841 acres were nonfederal land adjacent to forested land. Of the proposed 841 acre project site, there is a minimum of 10% canopy cover. The proposed ARRA ecosystem restoration project would involve mapping of invasive weeds, herbicide treatment for the eradication of invasive and noxious weeds, reseeding and replanting of native junipers, shrubs and grasses for erosion control, improving wildlife habitat, providing defensible space for nearby development, and reducing the risk of repeat wildland fire in the region. This area is adjacent to lands managed by the Carson District of the Bureau of Land Management and is in a major migration corridor for the Truckee Loyalton deer herd. Many community partners will be involved in this project, including the Nevada Department of Wildlife and the Nevada Mule Deer Foundation.

Arrowcreek and Skinner Fire Restoration

Date of Announcement: May 5, 2009

Estimated Funding: \$1,077,000 for Hazardous Fuels/Ecosystem Restoration - S&PF Lands

State(s): Nevada

County(ies): Washoe

The Arrowcreek Creek Fire of 2,000 burned through 2,788 acres of land of which 1,898 acres were nonfederal lands adjacent to forested lands. Of the proposed 1,898 acres, there is a minimum 10% canopy cover. The proposed ecosystem restoration project will include defensible space principles near development, the mapping and eradication of noxious and invasive weeds that are competing with the native plants, the planting and reseeding of native shrubs and trees for wildlife habitat improvement, water quality improvement and soil erosion control and reducing the risk of repeat wildfire in the region. The Skinner Complex Fire of 2008 (AKA East Lake Fire) affected 960 acres of land of which 384 acres were on nonfederals lands adjacent to forested lands. On the proposed 384 acres of nonfederal lands, there is a minimum of 10% canopy cover. The proposed ecosystem restoration project will include defensible space practices near development, reseeding and replanting of native shrubs and junipers, and eradication of noxious and invasive weeds to reduce competition with native plants and seedlings. The proposed acreage for restoration will be prioritized by planting north slopes and riparian corridors first to increase water quality, wildlife habitat and take advantage of soil

moisture. The watershed for the Arrowcreek Fire and the Skinner Fire is the Truckee River, via Steamboat Creek, Browns Creek, Whites, Thomas, Dry and Evans Creek.

Truckee River Riparian Fuels Reduction

Date of Announcement: May 5, 2009

Estimated Funding: \$269,000 for Hazardous Fuels/Ecosystem Restoration - S&PF Lands

State(s): Nevada

County(ies): Washoe

The Truckee River Corridor Restoration project will fund contract labor and create jobs to control weeds and ladder fuels and revegetate areas burned by the Martis Fire in 2001. The need for the project was identified in the 2005 Martis/Interstate 80 Corridor Landscape Assessment and Strategy. In particular, after the fire, musk thistle invaded significant portions of the denuded riparian floodplain, affecting water clarity and quality, wildlife habitat and the recreational experience along the Truckee River banks and reservoir shorelines. The Truckee River Corridor project will restore undeveloped and publicly accessible state and private lands adjacent to the Tahoe National Forest. The burned area drains directly to the Truckee River, which provides drinking water for the communities of Reno and Sparks (population 400,000). Replacing the flammable noxious weeds with native plants will help to reduce the burn cycle. The restoration effort will be assisted by community partnerships.

Nevada Urban Forest Revitalization

Date of Announcement: May 5, 2009

Estimated Funding: \$314,000 for Hazardous Fuels/Ecosystem Restoration - S&PF Lands

State(s): Nevada

County(ies): Washoe

This project includes an inventory and canopy assessment of urban forests within Washoe County, Sparks, and Reno, Nevada. The assessment will guide tree maintenance and improvement and tree planting activities within the county. Washoe County, Nevada was hit hard by the recession and this project would retain and create jobs in the tree care and arboriculture industry. A professional development series for the Green Industry Spanish speaking population in landscape management and professional development is offered in the county. This program helps unemployed people to improve their professional skills and find meaningful employment. This project will create jobs as well as improve forest health in urban areas, and improve public health and safety. Communities within the county will be awarded grants and then hire local people to implement the project.

Nevada Forest Revitalization

Date of Announcement: September 9, 2009

Estimated Funding: \$494,000 for Forest Health - Cooperative State(s): Nevada

County(ies): Clark

This project will provide community forestry assistance to all incorporated and unincorporated

communities in Clark County, Nevada. Clark County has been devastated by the current economic recession. Funds will be used to retain and create jobs to grow and plant urban trees suited to the desert southwest. Education and training for tree care workers will also be provided to plant and manage trees for public health and safety. Nursery stock and funds will be awarded to municipalities, school districts and nonprofits to enhance urban vegetation, reduce heat island effects and improve the “green” setting for children’s playgrounds. Local labor and contractors will be used for planting and landscaping. All cities and communities in the county are eligible to apply for urban forestry assistance or grants for planting the right trees in the right places.

Region 4 State and Private Forestry Tribal Initiative

Date of Announcement: August 18, 2009

Estimated Funding: \$500,000 for Hazardous Fuels/Ecosystem Restoration - S&PF Lands

State(s): Idaho, Nevada, Utah

County(ies): Idaho: Bannock, Bingham, Caribou, Owyhee, Power

Nevada: Churchill, Elko, Lyon, Mineral, Washoe, White Pine

Utah: Duchesne, Juab, Uintah

These funds will be used to help facilitate the creation of programs/projects by the Tribe(s) for forest health and hazardous fuels reduction some ideas for projects are: 1) developing plans for utilization of biomass; 2) assessments/surveys of Western Bark Beetle; 3) assessments/surveys of noxious weeds infestation; 4) developing plans to deal with either of the above assessments/surveys; 5) implementation of vegetation management projects for use in biomass utilization; 6) creating fuel breaks, defensible space, prescribed or other forestry type program projects that are fuels reduction and or vegetation management in nature; 7) develop plans to help manage/reduce the impacts of land use change, fragmentation and urbanization on forest landscapes.

New Jersey

Ballanger Creek Enhancement

Date of Announcement: September 9, 2009

Estimated Funding: \$175,000 for Forest Health - Cooperative State(s): New Jersey

County(ies): Burlington

The primary purpose of this project focuses on creating engineering and construction plans to enhance wildlife habitat; restore wetland buffers; enhance scrub habitat; remove invasive species and improving forest health.

Tree Seedling Survival Project

Date of Announcement: September 9, 2009

Estimated Funding: \$135,000 for Forest Health - Cooperative State(s): New Jersey

County(ies): Burlington, Ocean, Salem

The primary purpose of this project will be to maintain jobs, reinstate jobs, or stimulate the creation of jobs through the New Jersey State Forester, or equivalent State officials, by conducting reforestation projects on State and Private lands. Funding should be focused, at a minimum, on addressing critical reforestation project needs: 1) Atlantic White-cedar (AWC) restoration on AWC Initiative Recovery Plan stands; 2) increasing seedling survival in reforestation activities, 3) addressing mortality in tree and shrub seedling plantings in watershed enhancement projects, and 4) production of native tree and shrub species recommended for use in wetland habitat restoration projects by state best management practice manuals.

New Jersey Community Stewardship Incentive Program - Small Business

Date of Announcement: September 9, 2009

Estimated Funding: \$992,000 for Forest Health - Cooperative State(s): New Jersey

County(ies): Atlantic, Bergen, Burlington, Camden, Cape May, Cumberland, Essex, Gloucester, Hudson, Hunterdon, Mercer, Middlesex, Monmouth, Morris, Ocean, Passaic, Salem, Somerset, Sussex, Union, Warren

The primary purpose of this Program of Work is to maintain jobs, reinstate jobs, or stimulate the creation of jobs through State Foresters, or equivalent State officials, by conducting urban and community activities and practices on lands owned or controlled by cities and towns statewide across New Jersey to achieve healthy sustainable urban and community forests. Funding provided through the ARRA will be focused at a minimum, on addressing critical Community Stewardship project needs: 1) stimulate business growth and development throughout the State of New Jersey; 2) to encourage municipalities and counties to extend and expand their current tree care programs; 3) help address priorities in their municipal and county Community Forestry Management Plan; 4) create partnerships to continue future projects; 5) increase environmental, social and economic benefits to communities through the care and management of trees; 6) conducting related forestry activities in Community Forestry that provide a direct benefit in

reducing fire hazards and promoting forest health.

Hazard Tree Assessment and Removal Project

Date of Announcement: September 9, 2009

Estimated Funding: \$673,000 for Forest Health - Cooperative State(s): New Jersey

County(ies): Atlantic, Burlington, Monmouth, Ocean, Sussex, Warren

This project will provide for the assessment and removal of hazard trees (dead or dying) that are located in selected New Jersey State Forests and parks. Dead and dying trees located along roadways, trails, recreational sites, picnic areas, cabin and camping sites and at facility locations will be identified and removed. Useable wood from these tree removals will be marketed for firewood, pulpwood and or sawlogs. The hazard tree assessment for selected state forest and park lands will be conducted by approved forestry consultants for New Jersey.

New Mexico

Capitan Hazardous Fuels Projects

Date of Announcement: August 18, 2009

Estimated Funding: \$1,800,000 for Hazardous Fuels/Ecosystem Restoration - S&PF Lands

State(s): New Mexico

County(ies): Lincoln, Otero

Hazardous fuels removal in the area will be a continuation and expansion of similar projects incorporated in small communities as addressed in the Otero and Lincoln Counties and Greater Ruidoso Area Community Wildfire Protection Plans. This project will treat approximately 800 acres. Jobs created in the area will reduce the threat of business closure in an already struggling forest products industry. The project will provide additional information and on-the-job training to local forest industry workers on various techniques for successful treatments allowing contractors to better compete for future projects. Cut woody material created by the project will be used by the local small wood products industry to be released into the market for utilization.

Three Pueblos Forest Hazardous Fuels Reduction/Restoration Project

Date of Announcement: May 5, 2009 Estimated Funding: \$808,000 for Hazardous Fuels/Ecosystem Restoration - S&PF Lands State(s): New Mexico

County(ies): Rio Arriba, Sandoval, Taos

Funds for these programs of work are for projects that will be carried out on State and Private Lands. Specific projects will be selected by the states.

Chama Hazardous Fuels Projects

Date of Announcement: August 18, 2009

Estimated Funding: \$1,400,000 for Hazardous Fuels/Ecosystem Restoration - S&PF Lands

State(s): New Mexico

County(ies): Rio Arriba, San Juan

Hazardous fuels removal in the area will be a continuation and expansion of similar projects incorporated in small communities as addressed in the Rio Arriba and San Juan Counties' Community Wildfire Protection Plans. This project will treat approximately 965 acres. Jobs created in the area will reduce the threat of business closure in an already struggling forest products industry. The project will provide additional information and on-the-job training to local forest industry workers on various techniques for successful treatments allowing contractors to better compete for future projects. Cut woody material created by the project will be used by the local small wood products industry to be released into the market for utilization. Other work besides the removal of heavy fuel loads will include opening powerline corridors to promote easier access for power crews, chipping, mulching, and chemical treatments of salt cedar and Russian olive species, protecting and enhancing water supply systems and water diversion and delivery channels, creating clear areas where structure and wildland fire defense can

occur without danger to personnel, erosion control, watershed protection and enhancement of high recreation use areas and aesthetically valuable areas of the Bosque (river riparian area).

Cimarron Hazardous Fuels Projects

Date of Announcement: August 18, 2009

Estimated Funding: \$1,300,000 for Hazardous Fuels/Ecosystem Restoration - S&PF Lands

State(s): New Mexico

County(ies): Colfax, Taos

Hazardous fuels removal in the area will be a continuation and expansion of similar projects incorporated in the Colfax County and Village of Angel Fire Community Wildfire Protection Plans. This project will treat 461 acres, including 5-6 miles of clearing a 300 foot right-of-way on both sides of an evacuation route. This project will treat an additional 48 acres to complete a fuel break along the border of the Carson National Forest utilizing a local hand crew and reduce fuels and restore approximately 135 riparian acres along the Canadian River. The project will provide additional information and on-the-job training to local forest industry workers on various techniques for successful treatments allowing contractors to better compete for future projects. Cut woody material created by the project, including dead and down material, will be used by the local small wood products industry to be released into the market for utilization as well as provide heating for area residents. All non-accessible, non-merchantable material will be chipped, masticated or hauled out in the form of biomass from the site reducing the threat of costly severe fire in the area.

Pueblo of Santa Clara Forest Restoration and Hazardous Fuels Reduction

Date of Announcement: August 18, 2009

Estimated Funding: \$6,513,000 for Hazardous Fuels/Ecosystem Restoration - S&PF Lands

State(s): New Mexico

County(ies): Sandoval

Santa Clara developed a Community Wildfire Protection Plan (2007) that identified several priority treatment areas in desperate need of hazardous fuel reduction treatment. With this project, a total of 5,000 acres will be treated. In the Santa Clara Canyon, approximately 2,000 acres will be treated to reduce hazardous fuels. Stream restoration techniques and riparian tree planting will also accompany thinning and burning activities to further develop ecological biodiversity and stream geomorphic functioning. After treatment, the tribal community will be encouraged to collect and utilize cut wood for fire wood to heat residential homes and decrease the amount of down woody fuel loads. After the community collects the usable wood, the Tribe will use a prescribed broadcast burn to remove residual material. In recent years tree damage from spruce budworm has been notable in the headwaters of Santa Clara Creek. The Tribe intends to treat this area to reduce the threat of severe wildfire. Santa Clara will also develop several water holding areas for wildlife habitat throughout the headwaters area. In total 1,500 acres will be thinned and restored as part of this project. In addition, most of the Rio Grande Bosque area requires follow-up and maintenance treatments. In total 1,500 acres will be either initially thinned or receive follow up maintenance thinning and herbicide application.

New York

Eradication of Oak Wilt and Giant Hogweed in New York

Date of Announcement: September 9, 2009

Estimated Funding: \$763,000 for Forest Health - Cooperative State(s): New York

County(ies): Albany, Allegany, Bronx, Broome, Cattaraugus, Cayuga, Chautauqua, Chemung, Chenango, Clinton, Columbia, Cortland, Delaware, Dutchess, Erie, Essex, Franklin, Fulton, Genesee, Greene, Hamilton, Herkimer, Jefferson, Kings, Lewis, Livingston, Madison, Monroe, Montgomery, Nassau, New York, Niagara, Oneida, Onondaga, Ontario, Orange, Orleans, Oswego, Otsego, Putnam, Queens, Rensselaer, Richmond, Rockland, Saint Lawrence, Saratoga, Schenectady, Schoharie, Schuyler, Seneca, Steuben, Suffolk, Sullivan, Tioga, Tompkins, Ulster, Warren, Washington, Wayne, Westchester, Wyoming, Yates

The primary purpose of this Program of Work is to maintain jobs, reinstate jobs, or stimulate the creation of jobs through State Foresters, or equivalent State officials, by conducting forest health management activities on nonfederal forest lands to achieve healthy sustainable forests. The primary objective of this program would be the creation or maintenance of jobs over the course of 2 years through employment by the New York State Department of Environmental Conservation (DEC) while maintaining forest health. Specifically two areas of activity will be addressed by this grant: the Detection, Identification and Eradication of the noxious weed, *Jeracleum giganteum* (Giant Hog Weed (GHW)) in its known locations in several small infestations in approximately 30 Counties in the State; and the Detection, Identification, and Eradication of the oak wilt pathogen-*Ceratocystis fagacearum* (OW) in New York.

North Carolina

Regional Longleaf Pine Restoration Initiative and Fuels Management

Date of Announcement: May 5, 2009

Estimated Funding: \$8,975,000 for Hazardous Fuels/Ecosystem Restoration - S&PF Lands

State(s): Alabama, Florida, Georgia, North Carolina, South Carolina

County(ies): Alabama: Autauga, Baldwin, Barbour, Bibb, Blount, Bullock, Butler, Calhoun, Chambers, Cherokee, Chilton, Choctaw, Clarke, Clay, Cleburne, Coffee, Colbert, Conecuh, Coosa, Covington, Crenshaw, Cullman, Dale, Dallas, DeKalb, Elmore, Escambia, Etowah, Fayette, Franklin, Geneva, Greene, Hale, Henry, Houston, Jackson, Jefferson, Lamar, Lauderdale, Lawrence, Lee, Limestone, Lowndes, Macon, Madison, Marengo, Marion, Marshall, Mobile, Monroe, Montgomery, Morgan, Perry, Pickens, Pike, Randolph, Russell, Saint Clair, Shelby, Sumter, Talladega, Tallapoosa, Tuscaloosa, Walker, Washington, Wilcox, Winston
Florida: Alachua, Baker, Bay, Bradford, Brevard, Broward, Calhoun, Charlotte, Citrus, Clay, Collier, Columbia, DeSoto, Dixie, Duval, Escambia, Flagler, Franklin, Gadsden, Gilchrist, Glades, Gulf, Hamilton, Hardee, Hendry, Hernando, Highlands, Hillsborough, Holmes, Indian River, Jackson, Jefferson, Lafayette, Lake, Lee, Leon, Levy, Liberty, Madison, Manatee, Marion, Martin, Miami-Dade, Monroe, Nassau, Okaloosa, Okeechobee, Orange, Osceola, Palm Beach, Pasco, Pinellas, Polk, Putnam, Saint Johns, Saint Lucie, Santa Rosa, Sarasota, Seminole, Sumter, Suwannee, Taylor, Union, Volusia, Wakulla, Walton, Washington; **Georgia:** Appling, Atkinson, Bacon, Baker, Baldwin, Banks, Barrow, Bartow, Ben Hill, Berrien, Bibb, Bleckley, Brantley, Brooks, Bryan, Bulloch, Burke, Butts, Calhoun, Camden, Candler, Carroll, Catoosa, Charlton, Chatham, Chattahoochee, Chattooga, Cherokee, Clarke, Clay, Clayton, Clinch, Cobb, Coffee, Colquitt, Columbia, Cook, Coweta, Crawford, Crisp, Dade, Dawson, Decatur, DeKalb, Dodge, Dooly, Dougherty, Douglas, Early, Echols, Effingham, Elbert, Emanuel, Evans, Fannin, Fayette, Floyd, Forsyth, Franklin, Fulton, Gilmer, Glascock, Glynn, Gordon, Grady, Greene, Gwinnett, Habersham, Hall, Hancock, Haralson, Harris, Hart, Heard, Henry, Houston, Irwin, Jackson, Jasper, Jeff Davis, Jefferson, Jenkins, Johnson, Jones, Lamar, Lanier, Laurens, Lee, Liberty, Lincoln, Long, Lowndes, Lumpkin, McDuffie, McIntosh, Macon, Madison, Marion, Meriwether, Miller, Mitchell, Monroe, Montgomery, Morgan, Murray, Muscogee, Newton, Oconee, Oglethorpe, Paulding, Peach, Pickens, Pierce, Pike, Polk, Pulaski, Putnam, Quitman, Rabun, Randolph, Richmond, Rockdale, Schley, Screven, Seminole, Spalding, Stephens, Stewart, Sumter, Talbot, Taliaferro, Tattnall, Taylor, Telfair, Terrell, Thomas, Tift, Toombs, Towns, Treutlen, Troup, Turner, Twiggs, Union, Upson, Walker, Walton, Ware, Warren, Washington, Wayne, Webster, Wheeler, White, Whitfield, Wilcox, Wilkes, Wilkinson, Worth
North Carolina: Alamance, Alexander, Alleghany, Anson, Ashe, Avery, Beaufort, Bertie, Bladen, Brunswick, Buncombe, Burke, Cabarrus, Caldwell, Camden, Carteret, Caswell, Catawba, Chatham, Cherokee, Chowan, Clay, Cleveland, Columbus, Craven, Cumberland, Currituck, Dare, Davidson, Davie, Duplin, Durham, Edgecombe, Forsyth, Franklin, Gaston, Gates, Graham, Granville, Greene, Guilford, Halifax, Harnett, Haywood, Henderson, Hertford, Hoke, Hyde, Iredell, Jackson, Johnston, Jones, Lee, Lenoir, Lincoln, McDowell, Macon, Madison, Martin, Mecklenburg, Mitchell, Montgomery, Moore, Nash, New Hanover, Northampton, Onslow, Orange, Pamlico, Pasquotank, Pender, Perquimans, Person, Pitt, Polk, Randolph, Richmond, Robeson, Rockingham, Rowan, Rutherford, Sampson, Scotland, Stanly, Stokes, Surry, Swain, Transylvania, Tyrrell, Union, Vance, Wake, Warren, Washington,

Watauga, Wayne, Wilkes, Wilson, Yadkin, Yancey

South Carolina: Abbeville, Aiken, Allendale, Anderson, Bamberg, Barnwell, Beaufort, Berkeley, Calhoun, Charleston, Cherokee, Chester, Chesterfield, Clarendon, Colleton, Darlington, Dillon, Dorchester, Edgefield, Fairfield, Florence, Georgetown, Greenville, Greenwood, Hampton, Horry, Jasper, Kershaw, Lancaster, Laurens, Lee, Lexington, McCormick, Marion, Marlboro, Newberry, Oconee, Orangeburg, Pickens, Richland, Saluda, Spartanburg, Sumter, Union, Williamsburg, York

Longleaf pine forests once covered a vast range from Texas to Virginia. Since that time, this longleaf forest has been reduced to three percent of historical acreage due to conversion to other land uses and forest types. Longleaf pine forests are highly valued for their resistance to damage by insects, diseases, wildfire, and storms, and for their yield of high quality wood products, biological diversity, and beauty. Under this program, state forestry agencies in Alabama, Georgia, Florida, South Carolina, and North Carolina are putting Americans to work restoring these valuable forests. Activities include restoring longleaf pine seed, seedlings, and native understory plants; coordinating efforts across broad partnerships; and providing educational materials and training to the public and staff. This work is helping to restore a threatened ecosystem while creating jobs for contractors and laborers involved in tree planting and forest improvement work, nursery workers, conservation planners and coordinators, media specialists, and educators.

North Carolina - Hazard Mitigation Program

Date of Announcement: May 5, 2009

Estimated Funding: \$4,666,000 for Hazardous Fuels/Ecosystem Restoration - S&PF Lands State(s): North Carolina

County(ies): Alamance, Alexander, Alleghany, Anson, Ashe, Avery, Beaufort, Bertie, Bladen, Brunswick, Buncombe, Burke, Cabarrus, Caldwell, Camden, Carteret, Caswell, Catawba, Chatham, Cherokee, Chowan, Clay, Cleveland, Columbus, Craven, Cumberland, Currituck, Dare, Davidson, Davie, Duplin, Durham, Edgecombe, Forsyth, Franklin, Gaston, Gates, Graham, Granville, Greene, Guilford, Halifax, Harnett, Haywood, Henderson, Hertford, Hoke, Hyde, Iredell, Jackson, Johnston, Jones, Lee, Lenoir, Lincoln, McDowell, Macon, Madison, Martin, Mecklenburg, Mitchell, Montgomery, Moore, Nash, New Hanover, Northampton, Onslow, Orange, Pamlico, Pasquotank, Pender, Perquimans, Person, Pitt, Polk, Randolph, Richmond, Robeson, Rockingham, Rowan, Rutherford, Sampson, Scotland, Stanly, Stokes, Surry, Swain, Transylvania, Tyrrell, Union, Vance, Wake, Warren, Washington, Watauga, Wayne, Wilkes, Wilson, Yadkin, Yancey

Contractors will be hired to prepare Community Wildfire Protection Plans (CWPPs), Firewise plans, and conduct fuels reduction treatments on identified high fire risk areas.

Keep Sediment in Check with Best Management Practices, Bridge Mats and Stream Restoration Project

Estimated Funding: \$247,000 for Forest Health - Cooperative State(s): North Carolina

County(ies): Alexander, Alleghany, Ashe, Avery, Burke, Caldwell, Cherokee, Clay, Graham, Haywood, Jackson, Macon, Transylvania, Watauga, Wilkes

Soil conservation and water resource protection are keystones of forest management and the stewardship of public lands. This grant will accomplish job retention while implementing projects that protect water quality, conserve soil resources, and provide technical assistance and training. Two primary tasks are included: 1) Streambank stabilization, restoration and/or enhancement on lands managed by the NC Division of Forest Resources; 2) Sustain Forestry Best Management Practices (BMP) program delivery. Evaluations of timber harvesting and assessments of BMP measures will continue through at least 2010. A BMP training video will be produced to reach the estimated 1,400 ProLoggers in North Carolina. Additionally, a preharvest planning brochure will be developed for forest owners across the state. Finally, the first known trial application in North Carolina of engineered lumber bridgemats will be implemented on a forest road stream crossing to minimize the potential for sedimentation.

Create a Cooperative Marketing Network in Western North Carolina

Date of Announcement: September 9, 2009

**Estimated Funding: \$1,974,000 for Forest Health - Cooperative State(s): North Carolina
County(ies): Buncombe**

Funds for these programs of work are for projects that will be carried out on State and Private Lands. Specific projects will be selected by the states.

Ohio

Emerald Ash Borer Containment and Ecosystem Restoration

Date of Announcement: September 9, 2009

Estimated Funding: \$2,244,000 for Forest Health - Cooperative State(s): Michigan, Ohio

County(ies): Michigan: Keweenaw, Mackinac, Macomb, Monroe, Schoolcraft, Wayne

Ohio: Lucas

Detroit and Toledo have experienced significant impacts from EAB with millions of trees killed along public streets and in natural areas. These municipalities which are suffering from economic downturns in the automobile industry do not have the resources for removal and replacement of the dying trees which present serious risks to human safety and property and ecosystem health. The Metropolitan Parks District of the Toledo Area will receive \$ 1.344 million for tree removal and restoration activities in parks within the metropolitan district area. The Michigan DNR and their partners will receive \$ 900,000 for similar activities within the greater Detroit metropolitan area. These activities will be closely coordinated by NRS, NA and state partners through a joint action plan to ensure they complement similar projects funded by the 2009 Congressionally directed funding for EAB. For instance, projects funded by the 2009 Congressionally directed funding focus on areas of Toledo, whereas activities funded by this ARRA project are targeted at the Metropolitan Parks. Similarly, this ARRA funding will target parks, neighborhoods, and powerline rights-of-way in a broader geographic range of the Detroit Metropolitan area than the projects along highways funded by the 2009 Congressionally directed funding. NRS will have the opportunity for internal evaluation and analysis of data generated by the tree removal (number, size and location of removed trees) and restoration activities (invasive plant removal, replanting species, number, size, locations, and effects of restoration on forest ecosystems).

Create an Invasive Species Job Corps

Date of Announcement: May 14, 2009

Estimated Funding: \$4,419,000 for Forest Health - Cooperative State(s): Ohio

County(ies): Adams, Athens, Belmont, Brown, Gallia, Guernsey, Highland, Hocking, Jackson, Lawrence, Meigs, Monroe, Morgan, Noble, Pike, Ross, Scioto, Vinton, Washington

The Ohio Woodlands Job Corps Program will train and employ individuals in invasive species control, timber stand improvement, and wildland firefighting. Job Corps participants will receive certifications for Master Logger and Commercial Pesticide Applicator, and have opportunities to be “red carded” as a wildland firefighter.

Oregon

Sudden Oak Death Host Reduction

Date of Announcement: September 9, 2009

Estimated Funding: \$2,692,000 for Forest Health - Cooperative State(s): Oregon

County(ies): Curry

Sudden Oak Death poses a threat to Oregon's nursery industry. A quarantine is in place currently that prohibits transportation of nursery products outside of a restricted area of Curry county. This grant will decrease the threat of enlarging the quarantine area through efforts to eradicate currently infected trees and to provide an infection free and host free zone within the quarantine area that should slow or even stop the expansion of the disease.

Tribal Forest Improvement Crews for Hazardous Fuels Treatment

Date of Announcement: May 5, 2009

Estimated Funding: \$1,436,000 for Hazardous Fuels/Ecosystem Restoration - S&PF Lands

State(s): Oregon

County(ies): Klamath

The Klamath Tribes will provide one or more crews to complete precommercial thinning, "whip-felling", slash abatement, vegetation restoration, and other primarily non-mechanized work in forest improvement projects. Operation of the Forest Improvement Crew will also help the Tribes to develop adequate business skills and experience to obtain Forest Service stewardship and service contracts and to manage its own timberlands in the future. Work will be primarily in Klamath and Lake Counties of Oregon, on National Forest and other lands.

State Forests Forest Health Improvements

Date of Announcement: May 14, 2009

Estimated Funding: \$2,243,000 for Forest Health - Cooperative State(s): Oregon

County(ies): Coos, Douglas, Linn

State Forests' forest health improvement projects are to increase the health, vigor, and resiliency of young forest stands, and prevent, contain, and control invasive plants. This will be accomplished by pre-commercial thinning and an integrated approach to invasive plant management.

Northeast Oregon Forest Health Block Grant

Date of Announcement: September 9, 2009

Estimated Funding: \$2,243,000 for Forest Health - Cooperative State(s): Oregon

County(ies): Baker, Morrow, Umatilla, Union, Wallowa

The Northeast Oregon forest health block grant will provide funding to private landowners to

address hazardous fuels, reduce wildfire risk, improve forest health and reduce insect and disease impacts in northeast Oregon.

ODA National Forest Invasive Plant Control and Management

Date of Announcement: September 9, 2009

Estimated Funding: \$269,000 for Forest Health - Cooperative State(s): Oregon

County(ies): Baker, Crook, Deschutes, Grant, Harney, Jackson, Jefferson, Josephine, Umatilla, Union, Wallowa

This project will help protect Oregon's lands and resources from invasive noxious weeds and also sustain employment. Funded activities are aimed at the prevention, detection, and control of noxious weeds, supporting the State Noxious Weed Control Program which protects and enhances U.S. Forest Service and State and private lands in Oregon.

Noxious Weed Abatement

Date of Announcement: May 14, 2009

Estimated Funding: \$135,000 for Forest Health - Cooperative State(s): Oregon

County(ies): Linn

Linn/Lane County - This project seeks to reduce, minimize or eliminate the potential for introduction, establishment, spread and impact of invasive species which displace and compete with native species. This project will assist small forestland owners with recognition, identification, and treatment of noxious weeds on their lands. Work will be performed on nonindustrial forestland.

Linn/Lane County Noxious Weed Treatment

Date of Announcement: May 14, 2009

Estimated Funding: \$135,000 for Forest Health - Cooperative State(s): Oregon

County(ies): Linn

Linn/Lane County - This project seeks to reduce, minimize or eliminate the potential for introduction, establishment, spread and impact of invasive species which displace and compete with native species. It provides temporary funding to replace industrial landowner noxious weed treatment programs that have been eliminated due to the downturn in the timber industry.

NEO Ecosystem / Riparian Restoration

Date of Announcement: September 9, 2009

Estimated Funding: \$1,795,000 for Forest Health - Cooperative State(s): Oregon

County(ies): Baker

Will provide funding for landowners on projects that will improve fish passage on streams that do not meet minimum flow criteria, implement best management practices that minimize or eliminate road-related sedimentation and improve riparian and fish habitat.

Douglas County Fuels Reduction

Date of Announcement: May 5, 2009

Estimated Funding: \$1,716,000 for Hazardous Fuels/Ecosystem Restoration - S&PF Lands

State(s): Oregon

County(ies): Douglas

This project will provide for fire risk reduction, forest health and ecosystem improvement, utilization of materials for biomass energy in addition to making improvements to fire pond access and maintenance on private forestlands.

Linn County Forest Health

Date of Announcement: September 9, 2009

Estimated Funding: \$113,000 for Forest Health - Cooperative State(s): Oregon

County(ies): Linn

The primary objective of this project is to reduce the risk of uncontrolled wildfire affecting rural dwellings and properties adjacent to the landowners' property. In order to meet this objective, the landowner intends to manually prune young reproductions stands to raise the young stand's canopy.

Western States - Forests Adapting To and Mitigating Climate Change Effects

Date of Announcement: September 9, 2009

Estimated Funding: \$1,795,000 for Forest Health - Cooperative State(s): Alaska, California, Hawaii, Oregon, Washington

County(ies): Alaska: Bethel Census Area, Bristol Bay Borough, Denali Borough, Fairbanks North Star Borough, Kenai Peninsula Borough, Lake and Peninsula Borough, Matanuska-Susitna Borough, Nome Census Area, Northwest Arctic Borough, Southeast Fairbanks Census Area, Valdez-Cordova Census Area, Wade Hampton Census Area, Yukon-Koyukuk Census Area

California: Alameda, Alpine, Amador, Butte, Calaveras, Colusa, Contra Costa, Del Norte, El Dorado, Fresno, Glenn, Humboldt, Imperial, Inyo, Kern, Kings, Lake, Lassen, Los Angeles, Madera, Marin, Mariposa, Mendocino, Merced, Modoc, Mono, Monterey, Napa, Nevada, Orange, Placer, Plumas, Riverside, Sacramento, San Benito, San Bernardino, San Diego, San Francisco, San Joaquin, San Luis Obispo, San Mateo, Santa Barbara, Santa Clara, Santa Cruz, Shasta, Sierra, Siskiyou, Solano, Sonoma, Stanislaus, Sutter, Tehama, Trinity, Tulare, Tuolumne, Ventura, Yolo, Yuba

Hawaii: Hawaii, Honolulu, Kalawao, Kauai, Maui

Oregon: Baker, Benton, Clackamas, Clatsop, Columbia, Coos, Crook, Curry, Deschutes, Douglas, Gilliam, Grant, Harney, Hood River, Jackson, Jefferson, Josephine, Klamath, Lake, Lane, Lincoln, Linn, Malheur, Marion, Morrow, Multnomah, Polk, Sherman, Tillamook, Umatilla, Union, Wallowa, Wasco, Washington, Wheeler, Yamhill

Washington: Adams, Asotin, Benton, Chelan, Clallam, Clark, Columbia, Cowlitz, Douglas, Ferry, Franklin, Garfield, Grant, Grays Harbor, Island, Jefferson, King, Kitsap, Kittitas, Klickitat, Lewis, Lincoln, Mason, Okanogan, Pacific, Pend Oreille, Pierce, San Juan, Skagit, Skamania, Snohomish, Spokane, Stevens, Thurston, Wahkiakum, Walla Walla, Whatcom,

Whitman, Yakima

To help community forests adapt and be resilient to a changing climate, we need to know their current health. Having a baseline of community forest conditions will also provide early warning for insect and disease problems. This project uses the model of Forest Service Research's Forest Inventory and Analysis program to gather data on the condition of forests in populated areas in five western states. Results from this project will be used to evaluate questions about the potential reduction of energy use due to trees cooling the urban environment, the contribution of trees to carbon sequestration, water management within urban areas, and quality of life for urban residents.

Research on Restoring Critical Habitat for Listed Pacific Salmon

Date of Announcement: September 9, 2009

Estimated Funding: \$2,240,000 for Forest Health - Cooperative State(s): California, Oregon

County(ies): California: Siskiyou

Oregon: Benton

Fisheries are critical economically, culturally, and ecologically to the Pacific Coast states. The Pacific Northwest Research Station has studied fish habitat for four decades. It recently initiated work to help public utility districts, land managers, planners, regulators, and others at federal, state and county levels make decisions on restoring salmon and trout habitat, anticipate climate change impacts, and provide clean water. This project will use partnerships among premier scientists and natural resource professionals in the Forest Service, University of Washington, Oregon State University, National Forests, Bureau of Land Management, and others to promote successful completion of this project. Project components include: assessment of watersheds in southeast Alaska and interior Columbia basin vulnerable to climate change; identifying key places for habitat restoration; understanding climate change and fire effects on watershed and fish habitat; mapping fish habitat in southwest Oregon and northwest California for Siskiyou National Forest planning and riparian management, and developing a stream chemistry tool for establishing water quality regulations for timber harvest.

Pennsylvania

Philadelphia: Restoring Ecosystems in Fairmount Park

Date of Announcement: September 9, 2009

**Estimated Funding: \$1,795,000 for Forest Health - Cooperative State(s): Pennsylvania
County(ies): Philadelphia**

Philadelphia's Fairmount Park system, created in 1855, encompasses nearly 10,000 acres and serves a city of diverse ethnic, racial, and socio-economic neighborhoods. The Park provides spiritual, physical, recreational, and aesthetic benefits throughout the City. The Park plays a vital role in providing critical habitat, carbon sequestration and storm water management for the city. The future of Philadelphia depends on its ability to provide a high enough quality of life to attract and retain residents, businesses, and visitors. Philadelphia's parks rank among the City's most priceless quality-of-life assets. This grant will help the Park move toward a safer, more stable, functional and sustainable ecosystem. Projects will include restoration of meadows, removal of invasive species, hazardous tree removal, and improvements to storm water management. An assessment of canopy cover will be used to guide these efforts. Job training initiatives, targeted at young adults and recent college graduates, will develop skills in arboriculture and ecological restoration and will expand the number of trained workers in the park. This will increase the ability of park staff to work with an extensive core of volunteers and will result in hands-on education and marketable skills for a cadre of city workers.

Restoring Forests Through the Reclamation of Surface Coal Mines In Western Pennsylvania

**Estimated Funding: \$359,000 for Forest Health - Cooperative State(s): Pennsylvania
County(ies): Cameron, Elk, Jefferson, Potter**

Afforestation is a job for the future, a job that will only grow as demand for carbon sequestration, biomass production, and ecosystem restoration increase. This project creates private sector jobs in economically depressed western Pennsylvania. By putting people to work using the Forestry Reclamation Approach (FRA) to overcome historic failures of post-mining restoration, we simultaneously address jobs creation, ecosystem service production, and reduced footprint of coal-energy production. Surface mining for coal results in extensive environmental disturbance and limited reforestation. In fact, traditionally reclaimed surface mines of Appalachia are often considered undesirable candidates for reforestation due to excessive soil compaction. FRA significantly improves tree seedling survival and growth and improves wildlife habitat. This project will employ people in mine land reclamation/ ecological restoration in western Pennsylvania, thereby creating jobs and an improved environment. Moreover, if the FRA approach is applicable to Pennsylvania surface mines, many more jobs will be created. Such jobs will be provided in a long-term, sustainable framework whereby mine reclamation jobs (i.e., heavy equipment operations, tree planting, and monitoring) will in the medium and long-term transition into those associated with the timber industry (timber harvest, timber processing, wood product manufacturing, etc.).

Grey Towers Biomass Heat Conversion

Date of Announcement: June 11, 2009

**Estimated Funding: \$400,000 for Wood to Energy Grants - nonFederal Lands State(s):
Pennsylvania**

County(ies): Pike

Funding will help convert Grey Towers heating systems to biomass.

Puerto Rico

Puerto Rico Hurricane and Hazardous Fuel Mitigation

Date of Announcement: May 5, 2009

Estimated Funding: \$1,167,000 for Hazardous Fuels/Ecosystem Restoration - S&PF Lands

State(s): Puerto Rico

County(ies): Adjuntas Municipio, Aguada Municipio, Aguadilla Municipio, Aguas Buenas Municipio, Aibonito Municipio, Anasco Municipio, Arecibo Municipio, Arroyo Municipio, Barceloneta Municipio, Barranquitas Municipio, Bayamon Municipio, Cabo Rojo Municipio, Caguas Municipio, Camuy Municipio, Canovanas Municipio, Carolina Municipio, Catano Municipio, Cayey Municipio, Ceiba Municipio, Ciales Municipio, Cidra Municipio, Coamo Municipio, Comerio Municipio, Corozal Municipio, Culebra Municipio, Dorado Municipio, Fajardo Municipio, Florida Municipio, Guanica Municipio, Guayama Municipio, Guayanilla Municipio, Guaynabo Municipio, Gurabo Municipio, Hatillo Municipio, Hormigueros Municipio, Humacao Municipio, Isabela Municipio, Jayuya Municipio, Juana Diaz Municipio, Juncos Municipio, Lajas Municipio, Lares Municipio, Las Marias Municipio, Las Piedras Municipio, Loiza Municipio, Luquillo Municipio, Manati Municipio, Maricao Municipio, Maunabo Municipio, Mayaguez Municipio, Moca Municipio, Morovis Municipio, Naguabo Municipio, Naranjito Municipio, Orocovis Municipio, Patillas Municipio, Penuelas Municipio, Ponce Municipio, Quebradillas Municipio, Rincon Municipio, Rio Grande Municipio, Sabana Grande Municipio, Salinas Municipio, San German Municipio, San Juan Municipio, San Lorenzo Municipio, San Sebastian Municipio, Santa Isabel Municipio, Toa Alta Municipio, Toa Baja Municipio, Trujillo Alto Municipio, Utuado Municipio, Vega Alta Municipio, Vega Baja Municipio, Vieques Municipio, Villalba Municipio, Yabucoa Municipio, Yauco Municipio

This project will be coordinated by the Puerto Rico Department of Transportation and Public Works. The objective is to reduce hurricane and fire risk along secondary roads in Puerto Rico by managing or removing trees that can create hazardous conditions due to fire, windstorms and hurricanes. DTOP will subcontract the work to local vendors to conduct a tree condition inventory along secondary roads. The vendor will produce management recommendations which will form the basis for a tree management contract. Job skills will be built as a training component of the program will involve GPS and GIS training, training in safety, tree removal, tree pruning, and how to assess tree conditions.

Prescribed Fire Project on Puerto Rican State and Private Forestry Lands

Date of Announcement: May 5, 2009

Estimated Funding: \$2,064,000 for State Fire Assistance

State(s): Puerto Rico

County(ies): Adjuntas Municipio, Aguada Municipio, Aguadilla Municipio, Aguas Buenas Municipio, Aibonito Municipio, Anasco Municipio, Arecibo Municipio, Arroyo Municipio, Barceloneta Municipio, Barranquitas Municipio, Bayamon Municipio, Cabo Rojo Municipio, Caguas Municipio, Camuy Municipio, Canovanas Municipio, Carolina Municipio, Catano Municipio, Cayey Municipio, Ceiba Municipio, Ciales Municipio, Cidra Municipio, Coamo Municipio, Comerio Municipio, Corozal Municipio, Culebra Municipio, Dorado Municipio,

Fajardo Municipio, Florida Municipio, Guanica Municipio, Guayama Municipio, Guayanilla Municipio, Guaynabo Municipio, Gurabo Municipio, Hatillo Municipio, Hormigueros Municipio, Humacao Municipio, Isabela Municipio, Jayuya Municipio, Juana Diaz Municipio, Juncos Municipio, Lajas Municipio, Lares Municipio, Las Marias Municipio, Las Piedras Municipio, Loiza Municipio, Luquillo Municipio, Manati Municipio, Maricao Municipio, Maunabo Municipio, Mayaguez Municipio, Moca Municipio, Morovis Municipio, Naguabo Municipio, Naranjito Municipio, Orocovis Municipio, Patillas Municipio, Penuelas Municipio, Ponce Municipio, Quebradillas Municipio, Rincon Municipio, Rio Grande Municipio, Sabana Grande Municipio, Salinas Municipio, San German Municipio, San Juan Municipio, San Lorenzo Municipio, San Sebastian Municipio, Santa Isabel Municipio, Toa Alta Municipio, Toa Baja Municipio, Trujillo Alto Municipio, Utuado Municipio, Vega Alta Municipio, Vega Baja Municipio, Vieques Municipio, Villalba Municipio, Yabucoa Municipio, Yauco Municipio

This project is designed to reduce fire risk by mitigating fuel conditions through prescribed burning on state and private forestlands. The project will be coordinated by the Puerto Rico Fire Department. The employees will be temporary full time hires employed for 2 years using ARRA funds. There is good potential for retaining these employees for wildland fire suppression after the project is completed. The Fire Department will partner with the Puerto Rico Department of Natural Resources, the U.S. Fish and Wildlife and National Park Services as well as a variety of landowners and local communities.

Rhode Island

Invasive Vegetation Survey and Eradication

Date of Announcement: May 14, 2009

**Estimated Funding: \$673,000 for Forest Health - Cooperative State(s): Rhode Island
County(ies): Bristol, Kent, Newport, Providence, Washington**

This project will train and employ people to survey for invasive plant species in forests and conduct treatments for their removal and eradication. Restoration activities such as planting and remediation will follow removal of invasive species.

Forestry Sustainability Project

Date of Announcement: September 9, 2009

**Estimated Funding: \$449,000 for Forest Health - Cooperative State(s): Rhode Island
County(ies): Bristol, Kent, Newport, Providence, Washington**

This project will assess and improve forest health. It will also provide training and help to promote, maintain and or increase green industry employment in economically distressed regions of Rhode Island. A number of planned activities will be used to achieve project goals and objectives. They include: conducting community based tree surveys (partial and/or complete); planting trees and other woody ornamentals; performing care on established woody plants (i.e. mulching, pruning, protection, etc); conducting training workshops developing landscape and community forestry management planning documents, assisting the Green Team with employment opportunities. RITree will assemble a five member Green Team composed of high school and college graduates and/or laid-off green industry workers. The team will primarily be responsible for implementing street tree, exotic pest (Asian longhorned beetle and Emerald ash borer) and storm damage surveys. They will also assist project consultants in crafting management plans, and in planting and caring for trees. RITree will be responsible for their training. The training will be comprehensive and will be guided by Forest Service and the International Society of Arboriculture survey and planting and care standards.

South Carolina

Regional Longleaf Pine Restoration Initiative and Fuels Management

Date of Announcement: May 5, 2009

Estimated Funding: \$8,975,000 for Hazardous Fuels/Ecosystem Restoration - S&PF Lands

State(s): Alabama, Florida, Georgia, North Carolina, South Carolina

County(ies): Alabama: Autauga, Baldwin, Barbour, Bibb, Blount, Bullock, Butler, Calhoun, Chambers, Cherokee, Chilton, Choctaw, Clarke, Clay, Cleburne, Coffee, Colbert, Conecuh, Coosa, Covington, Crenshaw, Cullman, Dale, Dallas, DeKalb, Elmore, Escambia, Etowah, Fayette, Franklin, Geneva, Greene, Hale, Henry, Houston, Jackson, Jefferson, Lamar, Lauderdale, Lawrence, Lee, Limestone, Lowndes, Macon, Madison, Marengo, Marion, Marshall, Mobile, Monroe, Montgomery, Morgan, Perry, Pickens, Pike, Randolph, Russell, Saint Clair, Shelby, Sumter, Talladega, Tallapoosa, Tuscaloosa, Walker, Washington, Wilcox, Winston;
Florida: Alachua, Baker, Bay, Bradford, Brevard, Broward, Calhoun, Charlotte, Citrus, Clay, Collier, Columbia, DeSoto, Dixie, Duval, Escambia, Flagler, Franklin, Gadsden, Gilchrist, Glades, Gulf, Hamilton, Hardee, Hendry, Hernando, Highlands, Hillsborough, Holmes, Indian River, Jackson, Jefferson, Lafayette, Lake, Lee, Leon, Levy, Liberty, Madison, Manatee, Marion, Martin, Miami-Dade, Monroe, Nassau, Okaloosa, Okeechobee, Orange, Osceola, Palm Beach, Pasco, Pinellas, Polk, Putnam, Saint Johns, Saint Lucie, Santa Rosa, Sarasota, Seminole, Sumter, Suwannee, Taylor, Union, Volusia, Wakulla, Walton, Washington

Georgia: Appling, Atkinson, Bacon, Baker, Baldwin, Banks, Barrow, Bartow, Ben Hill, Berrien, Bibb, Bleckley, Brantley, Brooks, Bryan, Bulloch, Burke, Butts, Calhoun, Camden, Candler, Carroll, Catoosa, Charlton, Chatham, Chattahoochee, Chattooga, Cherokee, Clarke, Clay, Clayton, Clinch, Cobb, Coffee, Colquitt, Columbia, Cook, Coweta, Crawford, Crisp, Dade, Dawson, Decatur, DeKalb, Dodge, Dooly, Dougherty, Douglas, Early, Echols, Effingham, Elbert, Emanuel, Evans, Fannin, Fayette, Floyd, Forsyth, Franklin, Fulton, Gilmer, Glascock, Glynn, Gordon, Grady, Greene, Gwinnett, Habersham, Hall, Hancock, Haralson, Harris, Hart, Heard, Henry, Houston, Irwin, Jackson, Jasper, Jeff Davis, Jefferson, Jenkins, Johnson, Jones, Lamar, Lanier, Laurens, Lee, Liberty, Lincoln, Long, Lowndes, Lumpkin, McDuffie, McIntosh, Macon, Madison, Marion, Meriwether, Miller, Mitchell, Monroe, Montgomery, Morgan, Murray, Muscogee, Newton, Oconee, Oglethorpe, Paulding, Peach, Pickens, Pierce, Pike, Polk, Pulaski, Putnam, Quitman, Rabun, Randolph, Richmond, Rockdale, Schley, Screven, Seminole, Spalding, Stephens, Stewart, Sumter, Talbot, Taliaferro, Tattnall, Taylor, Telfair, Terrell, Thomas, Tift, Toombs, Towns, Treutlen, Troup, Turner, Twiggs, Union, Upson, Walker, Walton, Ware, Warren, Washington, Wayne, Webster, Wheeler, White, Whitfield, Wilcox, Wilkes, Wilkinson, Worth

North Carolina: Alamance, Alexander, Alleghany, Anson, Ashe, Avery, Beaufort, Bertie, Bladen, Brunswick, Buncombe, Burke, Cabarrus, Caldwell, Camden, Carteret, Caswell, Catawba, Chatham, Cherokee, Chowan, Clay, Cleveland, Columbus, Craven, Cumberland, Currituck, Dare, Davidson, Davie, Duplin, Durham, Edgecombe, Forsyth, Franklin, Gaston, Gates, Graham, Granville, Greene, Guilford, Halifax, Harnett, Haywood, Henderson, Hertford, Hoke, Hyde, Iredell, Jackson, Johnston, Jones, Lee, Lenoir, Lincoln, McDowell, Macon, Madison, Martin, Mecklenburg, Mitchell, Montgomery, Moore, Nash, New Hanover, Northampton, Onslow, Orange, Pamlico, Pasquotank, Pender, Perquimans, Person, Pitt, Polk, Randolph, Richmond, Robeson, Rockingham, Rowan, Rutherford, Sampson, Scotland, Stanly,

Stokes, Surry, Swain, Transylvania, Tyrrell, Union, Vance, Wake, Warren, Washington, Watauga, Wayne, Wilkes, Wilson, Yadkin, Yancey

South Carolina: Abbeville, Aiken, Allendale, Anderson, Bamberg, Barnwell, Beaufort, Berkeley, Calhoun, Charleston, Cherokee, Chester, Chesterfield, Clarendon, Colleton, Darlington, Dillon, Dorchester, Edgefield, Fairfield, Florence, Georgetown, Greenville, Greenwood, Hampton, Horry, Jasper, Kershaw, Lancaster, Laurens, Lee, Lexington, McCormick, Marion, Marlboro, Newberry, Oconee, Orangeburg, Pickens, Richland, Saluda, Spartanburg, Sumter, Union, Williamsburg, York

Longleaf pine forests once covered a vast range from Texas to Virginia. Since that time, this longleaf forest has been reduced to three percent of historical acreage due to conversion to other land uses and forest types. Longleaf pine forests are highly valued for their resistance to damage by insects, diseases, wildfire, and storms, and for their yield of high quality wood products, biological diversity, and beauty. Under this program, state forestry agencies in Alabama, Georgia, Florida, South Carolina, and North Carolina are putting Americans to work restoring these valuable forests. Activities include restoring longleaf pine seed, seedlings, and native understory plants; coordinating efforts across broad partnerships; and providing educational materials and training to the public and staff. This work is helping to restore a threatened ecosystem while creating jobs for contractors and laborers involved in tree planting and forest improvement work, nursery workers, conservation planners and coordinators, media specialists, and educators.

Forest Health Enrichment through Canopy Restoration & Hazard Mitigation

Date of Announcement: September 9, 2009

Estimated Funding: \$897,000 for Forest Health - Cooperative State(s): South Carolina County(ies): Abbeville, Aiken, Allendale, Anderson, Bamberg, Barnwell, Beaufort, Berkeley, Calhoun, Charleston, Cherokee, Chester, Chesterfield, Clarendon, Colleton, Darlington, Dillon, Dorchester, Edgefield, Fairfield, Florence, Georgetown, Greenville, Greenwood, Hampton, Horry, Jasper, Kershaw, Lancaster, Laurens, Lee, Lexington, McCormick, Marion, Marlboro, Newberry, Oconee, Orangeburg, Pickens, Richland, Saluda, Spartanburg, Sumter, Union, Williamsburg, York

This project will employ commercial arborists, landscape contractors, nurserymen, consulting arborists, and possibly landscape designers and equipment rental contractors to implement the community forestry projects throughout South Carolina. Projects will be implemented by local government entities in cooperation with local nonprofit organizations and with technical assistance from the South Carolina Forestry Commission. This project will implement hazard tree mitigation, site design work, tree planting and hazard tree assessments in the targeted communities. The targeted communities are those that are considered to be the most economically distressed and that have completed a public tree inventory within the past 5 years. The projects funded under this initiative will improve community safety, retain or increase community tree canopy, enhance quality of life and provide employment opportunities for the green industry.

Hemlock Woolly Adelgid Control to Protect Watersheds in South Carolina

Date of Announcement: May 14, 2009

Estimated Funding: \$179,000 for Forest Health - Cooperative State(s): South Carolina

County(ies): Greenville, Oconee, Pickens, Spartanburg

Hemlock Woolly Adelgid (HWA), an exotic destructive pest of Eastern and Carolina Hemlock trees, was first detected in South Carolina in 2001. Since that time, HWA have been detected in South Carolina counties with hemlock trees (Oconee, Pickens, Greenville, and Spartanburg counties). The loss of hemlocks due to this invasive insect has been devastating to the forested and riparian ecosystems. Currently, the focus of HWA control in South Carolina is the release of HWA predatory beetles and chemical control. Chemical control has proven to be effective to reduce or control HWA population on treated trees. This project will utilize both existing employees and temporary labor/hires in an effort to save thousands of hemlocks in the pristine mountains of South Carolina. These temporary employees will be implementing the chemical strategies to hemlock trees on state lands in Oconee, Pickens, and Greenville counties in upstate of South Carolina.

South Dakota

Spearfish Canyon Forest Health & Fuels Mitigation Project

Date of Announcement: August 18, 2009

Estimated Funding: \$320,000 for Hazardous Fuels/Ecosystem Restoration - S&PF Lands

State(s): South Dakota

County(ies): Lawrence

The objective of this project is to reduce wildfire risk by reducing fuel loading and corresponding high wildfire risk on approximately 160 acres in proximity to urban wildland interface. This project will be completed through an RFP for canyon logging and skidding and is scheduled to begin in the spring. Chipping and biomass utilization will be included, Native American fire crews will be used to conduct some treatments, burning and clean-up.

City of Spearfish Forest Health and Fuels Mitigation Project

Date of Announcement: August 18, 2009

Estimated Funding: \$150,000 for Hazardous Fuels/Ecosystem Restoration - S&PF Lands

State(s): South Dakota

County(ies): Lawrence

The objective of this project is to reduce wildfire risk by applying thinning treatments to reduce tree densities and corresponding reduction in natural fuels vulnerable to high wildfire risk on approximately 250 acres in proximity to the City of Spearfish. This project will be completed through a sub-grant to the South Dakota Department of Game and Fish.

Utah

Parowan Front

Date of Announcement: August 18, 2009

Estimated Funding: \$100,000 for Hazardous Fuels/Ecosystem Restoration - S&PF Lands

State(s): Utah

County(ies): Iron

The communities found along the Parowan Front, border the Dixie National Forest and lands administered by the Color Country District of the Bureau of Land Management (BLM). All of the communities in this area have been affected by a bark beetle infestation in the Douglas-fir/white fir stands. The other primary vegetation components include areas of decadent gamble oak, sagebrush and pinion/juniper. With such a mixture of fuel components this presents the area with a high to extreme fire danger. Currently, the Forest Service and BLM have started work on fuel breaks in hopes of mitigating some of the effects of wildfire to the communities in the surrounding area. The proposed project would allow for individual lot mitigation, fuel breaks as well as an educational process for property owners, including a continuation of work already in progress to capture the momentum of residents' contributions.

Farr West/Comstock

Date of Announcement: August 18, 2009 Estimated Funding: \$150,000 for Hazardous Fuels/Ecosystem Restoration - S&PF Lands State(s): Utah

County(ies): Iron

The communities of Comstock and Farr West are bordered along their northern boundary by the Dixie National Forest. It is in this same area that they are experiencing industrial growth due to the reactivation of area Iron Mines. The vegetation type is dense pinion/juniper and sagebrush. Areas of old growth exist adjacent to this area indicating the likelihood that severe wildfires could be overdue. The proposed work will expand existing fuel breaks and thinning treatments constructed by the Dixie National Forest onto private land and will augment the success of defensible space efforts by residents to date.

Bumble Bee

Date of Announcement: August 18, 2009

Estimated Funding: \$150,000 for Hazardous Fuels/Ecosystem Restoration - S&PF Lands

State(s): Utah

County(ies): Iron

The community of Bumble Bee borders the Dixie National Forest and Color Country District of the Bureau of Land Management and is currently experiencing sustained growth due to an influx of retirees. The vegetation type is dense pinion/juniper and sagebrush. Several wildfires in the past few years have increased awareness of the need for fuels modification. The proposed work will connect planned fuel breaks and treatment areas on Bureau of Land Management lands with

private land, which will augment the defensible space efforts made by residents to date. The fire council has been proactive in educating residents in the establishment of defensible space and community fuel treatments. Receiving these funds will sustain and enhance the community efforts. In addition there is a proposed 1,600 acre wind generation farm in the area potentially increasing the possible ignition sources, however, it also provides partnership possibilities in landscape level fuels treatments on adjacent federal lands.

Quichapa

Date of Announcement: August 18, 2009

Estimated Funding: \$150,000 for Hazardous Fuels/Ecosystem Restoration - S&PF Lands

State(s): Utah

County(ies): Iron

The community of Quichapa borders the Dixie National Forest, Color Country District of the Bureau of Land Management and State Lands The vegetation type is dense pinion/juniper (PJ) and sagebrush. Areas of old-growth PJ exist adjacent to this area indicating the likelihood that wildfires are overdue. The proposed work will extend the existing fuel breaks constructed by the Dixie National Forest and Bureau of Land Management onto and through private land, which will augment the defensible space efforts made by residents to date. From the inception of the fire council and initial treatment of fuels on county right of ways, the community has been proactive in the establishment of defensible space and overall community fuel treatments. In addition to the fuel break areas of defensible space will be treated to further the effectiveness of residential work. Partnerships with the Division of Wildlife Resources to assist in fuels treatments will also result in the enhancement of winter range and overall watershed health.

Region 4 State and Private Forestry Tribal Initiative

Date of Announcement: August 18, 2009

Estimated Funding: \$500,000 for Hazardous Fuels/Ecosystem Restoration - S&PF Lands

State(s): Idaho, Nevada, Utah

County(ies): Idaho: Bannock, Bingham, Caribou, Owyhee, Power

Nevada: Churchill, Elko, Lyon, Mineral, Washoe, White Pine

Utah: Duchesne, Juab, Uintah

These funds will be used to help facilitate the creation of programs/projects by the Tribe(s) for forest health and hazardous fuels reduction some ideas for projects are: 1) developing plans for utilization of biomass; 2) assessments/surveys of Western Bark Beetle; 3) assessments/surveys of noxious weeds infestation; 4) developing plans to deal with either of the above assessments/surveys; 5) implementation of vegetation management projects for use in biomass utilization; 6) creating fuel breaks, defensible space, prescribed or other forestry type program projects that are fuels reduction and or vegetation management in nature; 7) develop plans to help manage/reduce the impacts of land use change, fragmentation and urbanization on forest landscapes.

North Elk

Date of Announcement: August 18, 2009

Estimated Funding: \$350,000 for Hazardous Fuels/Ecosystem Restoration - S&PF Lands

State(s): Utah

County(ies): Beaver

The Elk Meadows/HiLo fuels treatment is adjacent to the Fishlake National Forest. The spruce/fir/ponderosa pine stands within the area are decadent have high mortality due to disease and insects, which creates increased hazardous fuel loading on a landscape scale that is in dire need of treatment. The proposed treatments in this area will provide the needed reduction of high fuel loading thus decreasing the potential for severe wildfire. The treatment areas will be inventoried and methodologies will then be chosen to achieve the highest impact. Existing structures and right of ways will be addressed as well for fuels modifications. This project, as well as the one currently being conducted by the U.S. Forest Service to secure campgrounds, summer home investments, resource values, ingress/egress for a major recreation areas and a scout camp will help to protect life and property in the community and surrounding area in the event of a wildfire.

Mountain Center

Date of Announcement: August 18, 2009

Estimated Funding: \$175,000 for Hazardous Fuels/Ecosystem Restoration - S&PF Lands

State(s): Utah

County(ies): Iron

Private and State Lands within the Mountain Center area bordered by the Dixie National Forest, have been all been affected by recent bark beetle infestations in the Douglas fir/White fir stands. The other primary vegetation component is decadent gamble oak, which creates a high to extreme fire danger. The Dixie National Forest has initiated the process of project boundary identification for the creation of fuel breaks throughout the area. The proposed project would allow for individual lot mitigation, fuel breaks and forest stand improvements also to include a continued educational outreach to property owners, visitors and guests in the area. These efforts will support the work already in progress, which will help to bolster the momentum of the residents' labors.

Vermont

Partnerships with State and Private Forestry, State of New York and State of Vermont Surveys and Forest Health Protection

**Estimated Funding: \$567,000 for Forest Health - Cooperative State(s): Vermont
County(ies): Rutland**

This project will maintain jobs, reinstate jobs, or stimulate the creation of jobs through the Vermont State Forester or equivalent state officials by conducting forest health management activities on nonfederal forest lands to achieve healthy sustainable forests. Forest health management activities will also occur on concentrated recreation sites on National Forest Service lands through a partnership with Green Mountain National Forest. In addition, this project will raise the awareness of residents in Central New York of the importance of forest health in maintaining sustainable natural resources that are critical to the state's economic, recreational and ecological well being. This will be accomplished by creating a "Trees and Leaves Corps", a loose network of prekindergarten to eighth-grade teachers and educators who are trained in Project Learning Tree and work with students to help them understand forest health and how it impacts the plants and animals within their local community and beyond.

Virgin Islands

St. Croix Hurricane and Hazardous Fuel Mitigation

Date of Announcement: May 5, 2009

Estimated Funding: \$404,000 for Hazardous Fuels/Ecosystem Restoration - S&PF Lands

State(s): Virgin Islands

County(ies): Saint Croix

This project will be coordinated by the Virgin Islands Resource Conservation and Development Council. The objective is to reduce hurricane and fire risk along roads on the island of St. Croix, VI. Project activities will include an inventory of initial conditions and the development of the tree management plan. Training will be provided to new hires in tree hazard and tree health identification, GIS, GPS and planning, as well as tree care, pruning, removal, and safety. Training opportunities will also be extended to employees in the Water and Power Authority and Public Works.

Virginia

Shenandoah Valley Watershed Community Ecosystem Restoration and Enhancement

Date of Announcement: September 9, 2009

Estimated Funding: \$897,000 for Forest Health - Cooperative State(s): Virginia

County(ies): Augusta, Clarke, Frederick, Page, Rockbridge, Rockingham, Shenandoah, Warren

This project will provide employment opportunities for commercial arborists, landscape contractors, nurserymen, consulting arborists, landscape architects/designers, equipment rental contractors and tree planters for involvement in implementation in 15-17 communities within the Shenandoah Valley Watershed. Projects will be implemented by local government entities in cooperation with environmental organizations, with technical assistance from appropriate state and federal agencies. Funding is for community tree planting and tree maintenance/hazard mitigation work, tree planting for stream bank restoration, riparian buffer establishment, environmental site design work, tree inventories, and greenway enhancement work. The targeted communities are within Chesapeake Bay watershed that is the focus of forestry related water quality work by the U.S. Forest Service. Community tree planting and riparian establishment initiatives have been adopted as strategies in the Chesapeake Bay Agreement to assist in the improvement of water quality. The projects funded under this initiative will contribute to local water quality, improve community aesthetics, increase tree canopy, enhance outdoor recreation opportunities, and provide employment for the green industry.

Southside Virginia Community Tree Planting Initiative

Date of Announcement: September 9, 2009

Estimated Funding: \$179,000 for Forest Health - Cooperative State(s): Virginia

County(ies): Halifax, Henry, Pittsylvania

This project will employ commercial arborists, landscape contractors, nurserymen, consulting arborists, landscape architects/designers, and equipment rental contractors to implement community forestry projects in several communities in south central Virginia. Projects will be implemented by local government entities in cooperation with local nonprofit organizations, with technical assistance from appropriate state and federal agencies. This project will implement community tree planting and maintenance work, environmental site design work, tree inventories, tree planting for stream restoration, and greenway development and enhancement work in the targeted communities. The targeted communities are in the region of Virginia that is considered to be the most economically distressed. The projects funded under this initiative will improve community aesthetics, increase community tree canopy, improve local water quality, enhance outdoor recreation opportunities, provide information for planning future community forestry activities and provide employment opportunities for the green industry.

Washington

Touché / Robinette Mountain Community Wildfire Protection Plan Fuel Break and Firewise

Estimated Funding: \$135,000 for Hazardous Fuels/Ecosystem Restoration - S&PF Lands
State(s): Washington
County(ies): Columbia

Project focuses on high priority nonfederal lands in the Columbia County Community Wildfire Protection Plans identified for hazardous fuels reductions. This will consist of the development of strategically located fuel breaks and defensible space treatments in the Touchet drainage and Robunette Mountain vicinity. The project will thin, prune and remove fuel ladders using chainsaws, chippers, masticators and burn piles. Local contract crews will conduct the fuel reduction treatments.

Eastern Washington Private Land Forest Health

Date of Announcement: September 9, 2009
Estimated Funding: \$1,240,000 for Forest Health - Cooperative State(s): Washington
County(ies): Ferry, Okanogan, Pend Oreille, Spokane, Stevens

This project will treat acres of high risk conditions to improve forest health and reduce fuel loads. In addition, it will develop an on-the-ground forest health assessment tool, assist in preparation of forest management plans, and implement educational communication to landowners and the public.

Oklahoma Road Community Wildfire Protection Plan Fuel Break

Date of Announcement: May 5, 2009
Estimated Funding: \$81,000 for Hazardous Fuels/Ecosystem Restoration - S&PF Lands
State(s): Washington
County(ies): Skamania

Project focuses on high priority nonfederal lands in the Skamania County Community Wildfire Protection Plans identified for hazardous fuels reductions. This will consist of the development of strategically located fuel breaks and defensible space treatments in the Oklahoma Road vicinity. The project will thin, prune and remove fuel ladders using chainsaws, chippers, masticators and burn piles. Local contract crews will conduct the fuel reduction treatments.

West County Community Wildfire Protection Plan Fuel Break

Date of Announcement: May 5, 2009
Estimated Funding: \$135,000 for Hazardous Fuels/Ecosystem Restoration - S&PF Lands
State(s): Washington
County(ies): Skamania

Project focuses on high priority nonfederal lands in five Skamania County Community Wildfire Protection Plans identified for hazardous fuels reductions. This will consist of the development of strategically located fuel breaks and defensible space treatments. The project will thin, prune and remove fuel ladders using chainsaws, chippers, masticators and burn piles. Local contract crews will conduct the fuel reduction treatments.

Spokane Indian Reservation Forest Health Projects

Date of Announcement: May 14, 2009

Estimated Funding: \$2,243,000 for Forest Health - Cooperative State(s): Washington

County(ies): Stevens

This project will provide funding to Tribal administrators and foresters, and Tribal contractors to conduct silvicultural treatments to increase the health, vigor, and sustainability of Tribal forests. Projects will focus on thinning to prevent and minimize the impact of bark beetles and dwarf mistletoes, and reduce hazardous forest fuels accumulations.

Kulzer Energy

Date of Announcement: June 11, 2009

Estimated Funding: \$4,000,000 for Wood to Energy Grants - nonFederal Lands State(s):

Washington

County(ies): Stevens

The Kulzer BioEnergy Park (KBP) project is located in Stevens County, Washington. The ARRA grant (\$4 million) is being administered by the Upper Columbia Resource Conservation and Development, a USDA entity. KBP is a biomass demonstration project which will show that a combined heat and power facility can be constructed and operated profitably and with much lower environmental impacts. Five MW of electricity will be generated to power the facility and provide surplus energy for the grid. Excess heat and steam will be utilized to produce bio-char, bio-oil, and syngas which are usable, renewable, and marketable products. This ARRA project is phase 1 of a 4 phase effort and involves site preparation and construction as well as biomass fuel acquisition. The objectives of this project are to create jobs by improving forest health, reducing fire danger, developing new forest products markets, and reducing dependence on foreign oil.

Republic/Gardner State land forest improvement

Date of Announcement: September 9, 2009

Estimated Funding: \$99,000 for Forest Health - Cooperative State(s): Washington

County(ies): Ferry

Many Department of Natural Resources (DNR) managed forests in northeast Washington are overcrowded and at high risk of damage by wildfire, insects, and diseases. This project will support the layout of Forest Improvement Treatment projects on approximately 1,507 acres to reduce the risk of wildfire and improve forest health. These funds will support DNR jobs that would otherwise be unfunded, as well as private forestry consulting jobs.

Greenwater Community Wildfire Protection Plan Firesafe Homes/Shaded Fuel Break

Date of Announcement: May 5, 2009

Estimated Funding: \$90,000 for Hazardous Fuels/Ecosystem Restoration - S&PF Lands

State(s): Washington

County(ies): Pierce

Project focuses on high priority nonfederal lands prioritized in the 2005 Greenwater Community Wildfire Protection Plans identified for hazardous fuels reduction in Pierce County. This will consist of the development of strategically located fuel breaks and defensible space treatments. The project will thin, prune and remove fuel ladders using chainsaws, chippers, masticators and burn piles. Local contract crews will conduct the fuel reduction treatments.

Roo/Huckleberry/Strangeberry State lands forest improvement

Date of Announcement: September 9, 2009

Estimated Funding: \$92,000 for Forest Health - Cooperative State(s): Washington

County(ies): Stevens

Many DNR managed forests in northeast Washington are overcrowded and at high risk to damage by wildfire, insects, and diseases. This project will support the layout of Forest Improvement Treatment projects on approximately 1,670 acres to reduce the risk of wildfire and improve forest health. These funds will support DNR jobs that would otherwise be unfunded, as well as private forestry consulting jobs.

High Valley Community Wildfire Protection Plan Fuel Break & Firewise

Date of Announcement: May 5, 2009

Estimated Funding: \$67,000 for Hazardous Fuels/Ecosystem Restoration - S&PF Lands

State(s): Washington

County(ies): Klickitat

Project focuses on high priority nonfederal lands in the Klickitat County Community Wildfire Protection Plans identified for hazardous fuels reductions. This will consist of the development of strategically located fuel breaks and defensible space treatments in the High Prairie vicinity. The project will thin, prune and remove fuel ladders using chainsaws, chippers, masticators and burn piles. Local contract crews will conduct the fuel reduction treatments.

West Branch/Seldom State lands forest improvement

Date of Announcement: September 9, 2009

Estimated Funding: \$90,000 for Forest Health - Cooperative State(s): Washington

County(ies): Pend Oreille

Many DNR managed forests in northeast Washington are overcrowded and at high risk to damage by wildfire, insects, and diseases. This project will support the layout of Forest Improvement Treatment projects on approximately 2,022 acres to reduce the risk of wildfire and

improve forest health. These funds will support DNR jobs that would otherwise be unfunded, as well as private forestry consulting jobs.

Republic Community Wildfire Protection Plan Fuel Reduction

Date of Announcement: May 5, 2009

Estimated Funding: \$314,000 for Hazardous Fuels/Ecosystem Restoration - S&PF Lands

State(s): Washington

County(ies): Ferry

Project focuses on high priority nonfederal lands prioritized in the Ferry County Community Wildfire Protection Plans identified for hazardous fuels reduction. This will consist of the development of strategically located fuel breaks and defensible space treatments in the vicinity of Republic, Knob Hill, Old Kettle, Fish Hatchery, San Poil, O'Brian Creek, Barrett Creek and Sheridan Communities in northeast Washington. The project will thin, prune and remove fuel ladders using chainsaws, chippers, masticators and burn piles. Local contract crews will conduct the fuel reduction treatments.

Ford Community Wildfire Protection Plan Fuel Reduction

Date of Announcement: May 5, 2009

Estimated Funding: \$224,000 for Hazardous Fuels/Ecosystem Restoration - S&PF Lands

State(s): Washington

County(ies): Stevens

Project focuses on high priority nonfederal lands prioritized in the Stevens County Community Wildfire Protection Plans identified for hazardous fuels reduction. This will consist of the development of strategically located fuel breaks and defensible space treatments in the vicinity of Rail Canyon, Corkscrew Canyon and Scotts Valley Communities. The project will thin, prune and remove fuel ladders using chainsaws, chippers, masticators and burn piles. Local contract crews will conduct the fuel reduction treatments.

Stevens County State Land Thinning

Date of Announcement: September 9, 2009

Estimated Funding: \$65,000 for Forest Health - Cooperative State(s): Washington

County(ies): Stevens

This project will reduce the risk of wildfire and improve forest health by pre-commercially thinning overstocked young stands in northeast Washington. All project funds will be used to develop and award contracts to do the pre-commercial thinning. These funds will employ private silvicultural contract crews .

Burlington Northern Santa Fe Buffer Fuel Reduction

Date of Announcement: May 5, 2009

Estimated Funding: \$54,000 for Hazardous Fuels/Ecosystem Restoration - S&PF Lands

State(s): Washington
County(ies): Klickitat

Project focuses on high priority nonfederal lands in the Klickitat and Skamania County Community Wildfire Protection Plans identified for hazardous fuels reductions. This will consist of the development of strategically located fuel breaks and defensible space treatments in areas where high damage of railroad fires are known, primarily where the railroad right of way is north of Highway 14. The project will thin, prune and remove fuel ladders using chainsaws, chippers, masticators and burn piles. Local contract crews will conduct the fuel reduction treatments.

The Wedge Community Wildfire Protection Plan Fuel Reduction

Date of Announcement: May 5, 2009
Estimated Funding: \$224,000 for Hazardous Fuels/Ecosystem Restoration - S&PF Lands
State(s): Washington
County(ies): Stevens

Project focuses on high priority nonfederal lands prioritized in the Stevens County Community Wildfire protection Plans identified for hazardous fuels reduction. This will consist of the development of strategically located fuel breaks and defensible space treatments in the vicinity of Sand Canyon, Pierre Lake and Wedge Communities. The project will thin, prune and remove fuel ladders using chainsaws, chippers, masticators and burn piles. Local contract crews will conduct the fuel reduction treatments.

Kettle Falls Community Wildfire Protection Plan Fuel Reduction

Date of Announcement: May 5, 2009
Estimated Funding: \$135,000 for Hazardous Fuels/Ecosystem Restoration - S&PF Lands
State(s): Washington
County(ies): Stevens

Project focuses on high priority nonfederal lands prioritized in the Stevens County Community Wildfire protection Plans identified for hazardous fuels reduction. This will consist of the development of strategically located fuel breaks and defensible space treatments in the vicinity of Evans, Kettle Falls, Pingston Creek, Gold Heights and Mingo Mountain Communities. The project will thin, prune and remove fuel ladders using chainsaws, chippers, masticators and burn piles. Local contract crews will conduct the fuel reduction treatments.

Chewelah Basin Community Wildfire Protection Plan Fuel Reduction

Date of Announcement: May 5, 2009
Estimated Funding: \$224,000 for Hazardous Fuels/Ecosystem Restoration - S&PF Lands
State(s): Washington
County(ies): Stevens

Project focuses on high priority nonfederal lands prioritized in the Stevens County Community Wildfire protection Plans identified for hazardous fuels reduction. This will consist of the

development of strategically located fuel breaks and defensible space treatments in the vicinity of Burnt Valley, Flowery Trail, Dry Creek and Waitts Lake Communities. The project will thin, prune and remove fuel ladders using chainsaws, chippers, masticators and burn piles. Local contract crews will conduct the fuel reduction treatments.

**Maloney Mountain Fuels Treatment as
Part of Community Wildfire Protection Plan**

Date of Announcement: May 5, 2009

Estimated Funding: \$135,000 for Hazardous Fuels/Ecosystem Restoration - S&PF Lands

State(s): Washington

County(ies): Columbia

Project focuses on high priority nonfederal lands in the Columbia County Community Wildfire Protection Plans identified for hazardous fuels reductions. This will consist of the development of strategically located fuel breaks and defensible space treatments in the Maloney Mountain vicinity. The project will thin, prune and remove fuel ladders using chainsaws, chippers, masticators and burn piles. Local contract crews will conduct the fuel reduction treatments.

Onion Creek Community Wildfire Protection Plan Fuel Reduction

Date of Announcement: May 5, 2009

Estimated Funding: \$157,000 for Hazardous Fuels/Ecosystem Restoration - S&PF Lands

State(s): Washington

County(ies): Stevens

Project focuses on high priority nonfederal lands prioritized in the Stevens County Community Wildfire protection Plans identified for hazardous fuels reduction. This will consist of the development of strategically located fuel breaks and defensible space treatments in the vicinity of Onion Creek, Bodie Mountain, Quinns Meadow, Quinns Meadow, Hawks, Miller Road and Flora road Communities. The project will thin, prune and remove fuel ladders using chainsaws, chippers, masticators and burn piles. Local contract crews will conduct the fuel reduction treatments.

Klickitat Community Wildfire Protection Plan Fuel Reduction

Date of Announcement: May 5, 2009

Estimated Funding: \$126,000 for Hazardous Fuels/Ecosystem Restoration - S&PF Lands

State(s): Washington

County(ies): Klickitat

Project focuses on high priority non-federal lands in the Klickitat County Community Wildfire Protection Plans identified for hazardous fuels reductions. This will consist of the development of strategically located fuel breaks and defensible space treatments in the Klickitat/Washington community vicinity. The project will thin, prune and remove fuel ladders using chainsaws, chippers, masticators and burn piles. Local contract crews will conduct the fuel reduction treatments.

Glenwood Highway Phase 2 Community Wildfire Protection Plan Fuel Break

Date of Announcement: May 5, 2009

Estimated Funding: \$162,000 for Hazardous Fuels/Ecosystem Restoration - S&PF Lands

State(s): Washington

County(ies): Klickitat

Project focuses on high priority nonfederal lands in the Klickitat County and Glenwood Community Wildfire Protection Plans for hazardous fuels reductions. This will consist of the development of strategically located fuel breaks and defensible space treatments in the Klickitat/Washington community vicinity. The project will thin, prune and remove fuel ladders using chainsaws, chippers, masticators and burn piles. Local contract crews will conduct the fuel reduction treatments.

Northport Community Wildfire Protection Plan Fuel Reduction

Date of Announcement: May 5, 2009

Estimated Funding: \$224,000 for Hazardous Fuels/Ecosystem Restoration - S&PF Lands

State(s): Washington

County(ies): Stevens

Project focuses on high priority nonfederal lands prioritized in the Stevens County Community Wildfire protection Plans identified for hazardous fuels reduction. This will consist of the development of strategically located fuel breaks and defensible space treatments in the vicinity of Sheep Creek, North Stone mountain, Cedar Creek, Deep Lake and Northport Communities. The project will thin, prune and remove fuel ladders using chainsaws, chippers, masticators and burn piles. Local contract crews will conduct the fuel reduction treatments.

Western States - Forests Adapting To and Mitigating Climate Change Effects

Date of Announcement: September 9, 2009

Estimated Funding: \$1,795,000 for Forest Health - Cooperative State(s): Alaska,

California, Hawaii, Oregon, Washington

County(ies): Alaska: Bethel Census Area, Bristol Bay Borough, Denali Borough, Fairbanks North Star Borough, Kenai Peninsula Borough, Lake and Peninsula Borough, Matanuska-Susitna Borough, Nome Census Area, Northwest Arctic Borough, Southeast Fairbanks Census Area, Valdez-Cordova Census Area, Wade Hampton Census Area, Yukon-Koyukuk Census Area
California: Alameda, Alpine, Amador, Butte, Calaveras, Colusa, Contra Costa, Del Norte, El Dorado, Fresno, Glenn, Humboldt, Imperial, Inyo, Kern, Kings, Lake, Lassen, Los Angeles, Madera, Marin, Mariposa, Mendocino, Merced, Modoc, Mono, Monterey, Napa, Nevada, Orange, Placer, Plumas, Riverside, Sacramento, San Benito, San Bernardino, San Diego, San Francisco, San Joaquin, San Luis Obispo, San Mateo, Santa Barbara, Santa Clara, Santa Cruz, Shasta, Sierra, Siskiyou, Solano, Sonoma, Stanislaus, Sutter, Tehama, Trinity, Tulare, Tuolumne, Ventura, Yolo, Yuba

Hawaii: Hawaii, Honolulu, Kalawao, Kauai, Maui

Oregon: Baker, Benton, Clackamas, Clatsop, Columbia, Coos, Crook, Curry, Deschutes, Douglas, Gilliam, Grant, Harney, Hood River, Jackson, Jefferson, Josephine, Klamath, Lake,

Lane, Lincoln, Linn, Malheur, Marion, Morrow, Multnomah, Polk, Sherman, Tillamook, Umatilla, Union, Wallowa, Wasco, Washington, Wheeler, Yamhill

Washington: Adams, Asotin, Benton, Chelan, Clallam, Clark, Columbia, Cowlitz, Douglas, Ferry, Franklin, Garfield, Grant, Grays Harbor, Island, Jefferson, King, Kitsap, Kittitas, Klickitat, Lewis, Lincoln, Mason, Okanogan, Pacific, Pend Oreille, Pierce, San Juan, Skagit, Skamania, Snohomish, Spokane, Stevens, Thurston, Wahkiakum, Walla Walla, Whatcom, Whitman, Yakima

To help community forests adapt and be resilient to a changing climate, we need to know their current health. Having a baseline of community forest conditions will also provide early warning for insect and disease problems. This project uses the model of Forest Service Research's Forest Inventory and Analysis program to gather data on the condition of forests in populated areas in five western states. Results from this project will be used to evaluate questions about the potential reduction of energy use due to trees cooling the urban environment, the contribution of trees to carbon sequestration, water management within urban areas, and quality of life for urban residents.

Wyoming

Western Wyoming Fuel Breaks and Mitigation

Date of Announcement: August 18, 2009

Estimated Funding: \$1,360,000 for Hazardous Fuels/Ecosystem Restoration - S&PF Lands

State(s): Wyoming

County(ies): Teton

The State of Wyoming awarded funds to four counties to complete fuel break and hazard fuel treatment projects submitted through competitive process. Counties include Teton, Uinta, Sublette and Lincoln. The four shaded fuel break projects will protect high priority private lands adjacent to National Forests and communities. Approximately 500 acres will be treated.

Central Wyoming Fuel Breaks and Mitigation

Date of Announcement: August 18, 2009

Estimated Funding: \$540,000 for Hazardous Fuels/Ecosystem Restoration - S&PF Lands

State(s): Wyoming

County(ies): Fremont

The State of Wyoming awarded funds to three counties to complete fuel break and hazard fuel treatment projects submitted through competitive process. Counties include Fremont, Washakie and Sheridan. The four fuel break projects will protect high priority private lands adjacent to National Forests and communities. Approximately 1515 acres will be treated.