



State and Private Forestry Fact Sheet

Idaho 2019



Investment in State's Cooperative Programs

Program	FY 2018 Final
Community Forestry and Open Space	\$0
Cooperative Lands - Forest Health Management	\$277,900
Forest Legacy	\$0
Forest Stewardship	\$181,800
Landscape Scale Restoration	\$300,000
State Fire Assistance	\$1,955,660
Urban and Community Forestry	\$232,920
Volunteer Fire Assistance	\$328,040
Total	\$3,276,320

NOTE: This funding is for all entities within the state, not just the State Forester's office.

From Main Street to mountaintop, cooperative programs administered and implemented through partnerships between Idaho Department of Lands (IDL), USDA Forest Service (USFS) and other private and government entities promote the health and productivity of Idaho's forests and rural economies. To guide investments in our forests, IDL utilizes the Idaho Forest Action Plan (FAP), National Cohesive Wildfire Strategy, Good Neighbor Authority (GNA) agreements and input from the Idaho Lands Resource Coordinating Council to ensure resources are invested in areas with the greatest opportunity to address shared priorities and achieve measurable outcomes.

Program Goals

- Idaho's Forests are diverse and resilient to climatic changes and other natural and unique stresses
- The ecosystem benefits that Idaho forests provide are identified, maintained and enhanced
- Forestlands with the highest benefits are identified, protected and enhanced
- Forest ecosystems are resilient to human activities (development, recreation, forest practices, noxious weeds, etc.)
- Forest-based wood products markets are economically vibrant and sustainable
- An integrated framework for implementing the Idaho Forest Action Plan guides project development, legislative/policy actions and cohesive management of Idaho's urban and rural forests.

Key Issues

- Threats of wildfire to Idaho communities and forests both in the urban interface and in high-value productive forestlands
- Assist in implementation and completion of federal land management practices
- Stressors on forest health, including impacts from invasive species and climate change
- Conversion from traditional forest use to non-forest use
- Overall degradation of water quality/quantity, air quality, wildlife habitat and biodiversity.

Forest Facts and Accomplishments

Selected Facts	Value	FY 2018 Accomplishments	Value
Population	1,567,582	Landowners Receiving Educational or Technical Assistance	3,405
Acres of Forest Land	21,589,478	Acres Covered by New or Revised Forest Stewardship Plans	51,501
Acres of Nonindustrial Private Forest Land	1,427,000	Acres in Important Forest Resource Areas Covered by New or Revised Stewardship Plans	47,354
Number of NIPF Landowners	34,000	Volunteer Fire Departments Assisted	291
Acres of Federal Land Under State Fire Protection	915,774	State Fire Communities Assisted	9
Acres of Private Land Under State Fire Protection	3,289,303	Coop Forest Health Acres Protected	0
Number of Rural Fire Departments	254	Forest Legacy Project Acquisitions	5,271
Cities and Towns	201	Communities Provided Urban Forestry Program Assistance	78
Forest Based Employment	10,510	Population Living in Communities Provided Urban Forestry Program Assistance	977,968
Economic Impact of Forestry (by rank)	3	Urban Forestry Volunteer Assistance	33,897
State Forestry Budget (All Sources)	0		

Program Highlights

Addressing Issues with Special Projects

IDL collaborates with numerous partners throughout the state to develop and fund projects that address key issues and strategies with Idaho's Forest Action Plan. Highlights are presented on S&PF Programs and the following special projects: Forest Health Special Projects.

Protection of Douglas-fir stands from Douglas-fir beetle using pheromones:

- 586 acres of Douglas-fir stands on state lands impacted by the 2015 Clearwater fires were protected using MCH pheromones. An additional 250 acres of susceptible Douglas-fir stands in eastern Idaho were also protected from Douglas-fir beetle using MCH pheromones.

Special Surveys

- An Early Detection Rapid Response (EDRR) survey for invasive bark and ambrosia beetles was conducted. EDRR surveys aim to identify new invasions of exotic insects prior to their establishment, giving managers more options to mitigate damage. Twelve sites statewide were surveyed using pheromone traps. A bark beetle, *Ips grandicollis*, which is native to eastern North America, was collected at two locations: Lewiston and Boise.
- Permanent plots installed in 2008 for long-term monitoring of impacts caused by the balsam woolly adelgid (an invasive, exotic forest insect) were remeasured. Substantial mortality of host trees, primarily subalpine fir, was recorded in many plots compared to the 2013 remeasurement. These surveys help forest managers understand and plan for forest damage caused by this insect.

Community Assistance - Hazardous Fuels

IDL supports a wide range of activities that reduce wildfire impacts on communities. Collaboration with counties includes fiscal and contract management plus landowner education. 2018 efforts include:

- Nineteen (19) Idaho organizations received planning, educational and hazard fuel reduction assistance.
- Five (5) entities (Kootenai Co., Lewis Soil & Water Conservation District, Teton FPD, Boundary Co., High Country RC&D) received Hazardous Fuels Reduction funding to reduce fuel loads on private lands. Several of these projects are adjacent to similar efforts on USDA Forest Service lands.

Conservation Education

IDL provided funding and administrative support to host the annual Idaho State Forestry Contest. The contest brought 600 youth from across the state to compete in basic forestry skills such as tree identification, cruising, silviculture, surveying, and scaling logs. Over 300 forestry professionals and

volunteers assisted in this event.

IDL partnered with organizations to host the 30th Family Forest Landowners and Managers Conference in Moscow, Idaho. Three hundred landowners and managers attended this three day event.

Cooperative Fire Protection

Protection of forestlands, rangelands and urban interface areas from wildfire is a critical function of IDL. Funding helps hire, train, and equip firefighters for deployment to both local and national incidents. This program supports four interagency dispatch centers and an interagency fire cache where small local fire districts can obtain firefighting equipment and supplies. The "Keep Idaho Green" initiative is the educational arm of the statewide interagency "Idaho Firewise" program. Additionally, Volunteer Fire Assistance (VFA) funding helps train and equip volunteer departments in rural communities.

Forest Health Protection

IDL staff conducted comprehensive evaluation surveys on approximately 11.6 million acres of state, private, and other lands to detect, map and assess forest health issues. This included aerial detection of 10,517,124 acres of forested lands of all ownerships. Since 2015, the aerial detection survey has been conducted using a grid pattern by IDL and Forest Service aerial observers in the same aircraft. Forested lands from the Washington border to the Montana border north of the Salmon River were surveyed by both observers regardless of ownership. Since final survey numbers are not available until the following year, 2017 totals are reported in 2018.

Additionally, field surveys were conducted for gypsy moths on 981,483 acres in northern Idaho, and for Douglas-fir tussock moth on 106,488 acres. A total of 53 forest health training sessions were held, educating 2,196 state and private landowners and managers. Staff also provided 203 technical assists to landowners and managers.

Forest Legacy

IDL purchased ten Forest Legacy conservation easements to protect 6,000 acres on private lands that might otherwise be developed or lost as a productive working forest. IDL worked with The Nature Conservancy and private landowners to secure these easements.

Working with the Kaniksu Land Trust and private landowners, the Forest Legacy Program provided funding to facilitate the donation of 4 conservation easements across 530 acres in Bonner and Boundary County. These private landowners have provided assurance that these lands will continue to be managed as working forests and provide valuable wildlife habitat. IDL Forest Legacy projects are strategic in connecting ownerships to protect forest lands within high priority areas without removing those lands from private ownership.

Forest Stewardship

The Forest Stewardship Program provided landowners with comprehensive resource management plans designed to achieve landowner goals to protect, enhance or conserve their forest resources. IDL partners with the University of Idaho, landowners, private consultants and other agencies to develop the plans. Professional assistance was provided to landowners to improve the health, productivity and resilience of private forested lands. IDL provided landowner education and outreach through workshops, field tours, landowner visits, and distribution of information through printed materials, the internet, and media outlets.

Landscape Scale Restoration

Idaho Statewide Economic Analysis and Prioritization Program: The result of this program will provide multiple federal, state and local agencies with statewide data that assists their efforts to sustainably manage forest resources for the maximum benefit to Idaho's economy, functional ecology, wildlife and recreational opportunities. The program includes geospatial database creation and analyses, an economic valuation of the state's resources and a prioritization effort that will strategically identify future resource investment opportunities.

Urban and Community Forestry

Idaho's Community Forestry Program assists communities in managing public trees within cities to address critical issues, such as energy conservation, stormwater management, air quality and human

health.

Highlights include:

- IDL continues to utilize Idaho Tree Plotter (ITP), a statewide tree inventory geospatial database for Idaho Cities. This year, an additional 6 communities completed inventories using ITP, and 2 existing city tree inventories were converted into this program. Currently, we have 3 additional cities with information waiting to be converted into ITP, and a tree inventory and corresponding management plan are being completed for the City of Sandpoint Parks using this system. <https://pg-cloud.com/Idaho/>
- In 2018 Northwest Nazarene University and North Idaho College were each recognized as Tree Campus USA Schools for their work in 2017 to effectively manage their campus trees; engage their student population in utilizing service learning opportunities centered on forestry efforts; and developing connectivity with the community beyond campus borders to foster healthy urban forests.

USFS/IDL Collection Agreement

Idaho Department of Lands and the Caribou-Targhee National Forest entered into Collection Agreement, a first of its kind in Idaho, for a joint prevention and mitigation position. The agreement proved highly successful with USFS staff providing necessary skills and tools, on a cost recoverable basis, to complete prevention and mitigation education activities within the northern portion of the Caribou-Targhee National Forest. This undertaking, was a collaborative effort to further the education outreach to forest users and residents within the Eastern Idaho area. Additionally, this project provides another tool to IDL and USFS to expand the prevention and mitigation programs across landscapes and ownership boundaries.

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