

# SFI 2018 Annual Report Survey

**Company Name**

Washington Department of Natural Resources

**Start Date**

Wednesday, 06 February 2019 16:42

**Finish Date**

Thursday, 28 March 2019 19:43

## 1. Profile



**SFI would like to feature your organization in an updated public certificate database and on the SFI website. In a short paragraph, please share what makes your organization unique. We invite you to involve your communications and marketing colleagues, if relevant.**

The Washington State Department of Natural Resources (DNR) works every day to ensure a sustainable future for state trust lands and beneficiaries, native ecosystems, and natural resources--a future that includes good jobs, recreational opportunities, and natural beauty.

Employing approximately 1,400 full-time, part-time, seasonal and temporary employees, DNR manages more than 2 million acres of forestlands. These lands produce revenue in support of public schools, state institutions, and county services.

DNR also manages non-commercial Natural Resources Conservation Areas (NRCAs) and Natural Area Preserves (NAPs) that protect unique and threatened native ecosystems which also offer educational and research opportunities. The department helps protect Washington State's natural resources by improving forest health conditions through suppressing and preventing wildfires on more than 12 million acres of state-owned and private forestlands and maintaining forest conditions that are resilient to insect and disease. DNR also regulates surface mine reclamation, provides information about geologic hazards and rare native plant species and ecosystems, and provides public access for outdoor recreation opportunities.

Currently, all of the approximately 2.1 million acres of DNR-managed forested state trust lands in Washington State are certified under the Sustainable Forestry Initiative® (SFI®) program standard.

**Owns and/or manages forestlands in**

TRUE

**Owns and/or manages forestlands - list**

United States

**Owns and / or manages forestlands in - Other***No answer***Has primary manufacturing operations/mills/log yards located in***No answer*

**Has primary manufacturing operations/mills/log yards located in - list***No answer***Has primary manufacturing operations/mills/log yards located in - Other***No answer***Has manufacturing or processing facilities located in***No answer***Has manufacturing or processing facilities located in - list***No answer***Has manufacturing or processing facilities located in - Other***No answer***Countries your organization sells into**

United States of America

## 2. Forestland Information

**I. Forestland Information**

Provide forestland information on all forests your organization owns/manages as well as forestland included under the scope of your SFI certification. (Optional)

**The area reported in this survey is in:**

Acres

	<b>USA &amp; Canada Forestlands- Ownership /Management</b>	<b>Total area your organization owns/manages</b>	<b>Total area certified to the SFI forest management standard</b>	<b>Area managed open to public for recreation</b>	<b>Area certified to SFI standard open to public for recreation</b>	<b>Check all that apply to areas open to recreation on your managed land</b>
United States (Private)			0		0	

	<b>USA &amp; Canada Forestlands- Ownership /Management</b>	<b>Total area your organization owns/manages</b>	<b>Total area certified to the SFI forest management standard</b>	<b>Area managed open to public for recreation</b>	<b>Area certified to SFI standard open to public for recreation</b>	<b>Check all that apply to areas open to recreation on your managed land</b>

	<b>USA &amp; Canada Forestlands- Ownership /Management</b>	<b>Total area your organization owns/manages</b>	<b>Total area certified to the SFI forest management standard</b>	<b>Area managed open to public for recreation</b>	<b>Area certified to SFI standard open to public for recreation</b>	<b>Check all that apply to areas open to recreation on your managed land</b>
United States (Public)	State	2445983	2445983		2445983	No Fee

## **II. Chemical Use and Forest Conversion**

The 2015-2019 SFI Forest Management Standard has performance measures related to forest conversion and chemical use. These are important topics for brand owners and the conservation community, who are seeking to reduce the perceived risks associated with forest conversion and chemical use. These requirements are designed to help Program Participants identify and manage these risks. SFI would like to better understand how Program Participants are managing these risks. We would also like to identify changes that may have occurred to your forest management planning and/or operational practices.

These specific questions will be asked year over year to understand perceived SFI programmatic risks.

**Do you use a WHO 1A or 1B pesticide ([http://www.who.int/ipcs/publications/pesticides\\_hazard/en/](http://www.who.int/ipcs/publications/pesticides_hazard/en/)) in your operations?**

No

**Did you stop using a WHO 1A or 1B pesticide ([http://www.who.int/ipcs/publications/pesticides\\_hazard/en/](http://www.who.int/ipcs/publications/pesticides_hazard/en/)) in your operations due to requirements in the SFI 2015-2019 Forest Management Standard in 2018?**

No

## **Conversion**

**Did you convert one forest cover type to another forest cover type as defined by Indicator 1.2.1?**

Yes

**Select all that apply:**

**Restoration of Historic Forest Cover**

TRUE

**Conversion - Restoration - Riparin protection**

TRUE

**Conversion - Restoration - Riparin protection - area converted**

11 - 100 acres

**Conversion - Restoration - Native forest types**

No answer

**Conversion - Restoration - Native forest types - area converted**

No answer

**Conversion - Restoration - Other**

No answer

**Conversion - Restoration - Other - area converted**

No answer

**Conversion - Restoration - Other - please explain**

No answer

**Responding to forest health concerns**

No answer

**Mitigating Present or Future Environmental Harm**

No answer

**Economic reasons**

TRUE

**Conversion - Economic Reasons - Productivity**

No answer

**Conversion - Economic Reasons - Productivity - area converted**

No answer

**Conversion - Economic Reasons - Stand Quality**

No answer

**Conversion - Economic Reasons - Stand Quality - area converted**

No answer

**Conversion - Economic Reasons - Other**

TRUE

**Conversion - Economic Reasons - Other - area converted**

11 - 100 acres

**Conversion - Economic Reasons - Other - please explain**

Two parking/turn-around areas for recreational access.

**Did you convert any forest lands not covered under the scope of your SFI certificate to other land uses in 2018 (e.g. agriculture)?**

No

### 3. Harvest and Reforestation



#### I. Harvest

##### USA - Program Participant Land covered under the scope of your SFI certificate

**Total Final Harvest: What is the total area of harvest units completed last year that would qualify as final harvest (the removal of the remaining crop trees in a stand. It is anticipated that the time between final harvests on a given unit would typically correspond to the economic rotation age of the crop species)?**

12727

**Final Total Clearcut: What is the total area of final harvest units completed last year by clearcutting?**

12213

**Average Clearcut: What was the average area of final harvest units that were clear-cut (even-aged)?**

33

**Total Harvest NOT Classified as Final: What was the total area of harvest units complete last year NOT classified as final harvest?**

6905

**Seed tree and shelterwood - USA**

TRUE

**Seed Tree and shelterwood Explain - USA**

315

**Selection Methods - USA**

TRUE

**Selection Methods Explain - USA**

2309

**Thinning or sanitation salvage - USA**

TRUE

**Thinning or sanitation salvage Explain - USA**

4281

**Other Methods - USA**

TRUE

**Other Methods Explain - USA**

#### II. Reforestation

Activities and five year assessment for organizations managing forestlands. The following data is collected for your activities

related to area under the scope of your SFI certification.

Replanting and Direct Seeding Timing. The replanting "clock" starts after the entire unit is harvested or the sale has been completed (see guidance under completed harvest units above). Do not include areas that were replanted due to poor seedling survival. "Failed plantation" data are ultimately captured in the five year regeneration success question.

#### **Reforestation Data for USA**

	<b>Within 1 year of final harvest</b>	<b>Within 2 years of final harvest</b>	<b>More than 2 years of final harvest</b>	<b>Total for 2018</b>
Artificial - Planting	4787	10238	4246	19271
Artificial - Direct Seeding				0

**What was the Natural Regeneration in 2018?**

**What was the percent of harvest units regenerated after 5 growing seasons?**

.5

**What was the total area regenerated after 5 growing seasons?**

104

## 5. Research, Conservation and Community



Participants are required to support forest research to improve forest health, productivity, and sustainable management of forest resources, and the environmental benefits and performance of forest products. Complete the following table with research funding dollars spent to meet this requirement.

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### I. Research Funding (Optional)

	Internal USD	External USD	Internal CAD	External CAD	Organizations worked with in 2018	Academic Organizations	Research Organizations	Conservation Organizations	Government Organizations
Forest health, productivity, and ecosystem functions									
Chemical efficiency, use rate and integrated pest management									
Water quality and/or effectiveness of best management practices including effectiveness of water quality and best management practices for protecting the quality, diversity and distributions of fish and wildlife habitats									
Wildlife management at stand and landscape levels									

	Internal USD	External USD	Internal CAD	External CAD	Organizations worked with in 2018	Academic Organizations	Research Organizations	Conservation Organizations	Government Organizations
Conservation of biological diversity									
Ecological impacts of bioenergy feedstock removals on productivity, wildlife habitat, water quality and other ecosystem functions									
Climate change research for both adaptation and mitigation									
Forest operations efficiencies and economics									
Energy efficiency									
Life cycle assessment									
Avoidance of illegal logging									
Avoidance of controversial sources									
Other									

## II. Research, Conservation and Community Projects and Partnerships

If you engage in research, conservation or community projects with external partners, please complete this page. For each project, please indicate the extent to which any of the dollar amount spent by your organization is also in fulfillment of the research requirements and expenditures noted in the research funding table above. SFI recognizes that not all conservation or community partnership projects are related to research program requirements. Thus, the collective contributions of your organization in this section may not perfectly relate to the research expenditures captured in the research funding table above.

**Is your organization currently involved in any conservation partnerships with non-profit organizations, academic institutions or government agencies? These could include, but are not limited to, research or direct implementation of any type of resource or biological conservation activities.**

Yes



**Project 1**

**Project Name :** Intermountain Forestry Cooperative – Site type effects on Stocking and Density Management (Forest Resources Division- Silviculture and Monitoring Section and Northeast Region)

**Project Objective :** Understand the optimal timing for PCT as well as the effects of site quality and density on tree and stand development.

**Short project description (include main point of contact and other relevant information - max. 650 words) :** Install 100-150 study sites investigating precommercial thinning in relation to timing, spacing, species and site quality.

**SFI 2015-2019 Standard Objective most relevant to project :** FM Objective 2. Forest Health and Productivity

**Select state(s)/province(s) for this project :** Washington

**Project Partners (List all project partners by category. Please be as specific as possible.) :** *No answer*

**Academic Organizations :** University of Idaho

**Research Organizations :** Rocky Mountain Research Station

**Conservation Organizations :**

**Government Organizations :**

**Community Organizations :**

**Other Organizations :** 10 cooperative members

**Estimated Project Start Date :** 2011-12-31

**Estimated Project End Date :** 2042-12-30

**Dollar amounts are in :** US Dollars (USD)

**Estimated total project cost :** over \$50,000

**Your organization contribution in 2018 :** \$20,000 to \$50,000

**Supporting documentation (optional) :**

**Are your organization's contribution in 2018 included in your Research Funding dollars reported above to meet SFI Standard Requirements as it relates to the research requirement in the standard :** No

**Is this project part of a 2018 SFI Conservation or Community Grant? :** No

**May SFI use this project as an example in communications to help convey the exemplary work of SFI Program**

**Participants in the areas of conservation and community engagement? :** Share - with our organization's name

**Project 2**

**Project Name :** Stand Management Cooperative Type IV, Realized genetic gain trials for Douglas-fir (Forest Resources Division-Silviculture and Monitoring Section, and Pacific Cascade Region)

**Project Objective :** Understand the gains we realize from tree improvement. Understand how spacing and competition affect tree and stand growth by genetic gain level.

**Short project description (include main point of contact and other relevant information - max. 650 words) :** Long-term regional study with 6 installations (one on DNR land) studying the realized gains from two levels of genetic improvement compared to woods-run seed. Also examining spacing and vegetation control effects by gain level and family.

**SFI 2015-2019 Standard Objective most relevant to project :** FM Objective 2. Forest Health and Productivity

**Select state(s)/province(s) for this project :** Washington

**Project Partners (List all project partners by category. Please be as specific as possible.) :** *No answer*

**Academic Organizations :** University of Washington, Oregon State University

**Research Organizations :** Pacific Northwest Research Station

**Conservation Organizations :**

**Government Organizations :** BC Ministry of Forestry, Oregon Department of Forestry, Bureau of Land Management

**Community Organizations :**

**Other Organizations :** 28 industrial, agency, and tribal members

**Estimated Project Start Date :** 2004-01-01

**Estimated Project End Date :** 2064-12-31

**Dollar amounts are in :** US Dollars (USD)

**Estimated total project cost :** over \$50,000

**Your organization contribution in 2018 :** over \$50,000

**Supporting documentation (optional) :**

**Are your organization's contribution in 2018 included in your Research Funding dollars reported above to meet SFI Standard Requirements as it relates to the research requirement in the standard :** No

**Is this project part of a 2018 SFI Conservation or Community Grant? :** No

**May SFI use this project as an example in communications to help convey the exemplary work of SFI Program**

**Participants in the areas of conservation and community engagement? :** Share - with our organization's name

**Project 3**

**Project Name :** Slice Above Research Installation - Intermountain Forest Tree Nutrition Cooperative - Nutrition Effects on Future Forest Productivity Study (Northeast Region, Forest Resources Division- Silviculture and Monitoring Section )

**Project Objective :** To develop forest management guidelines for various site types that land managers can use to assess

probable impact of management operations on nutrient retention and future growth.

**Short project description (include main point of contact and other relevant information - max. 650 words) :** This installation is part of ongoing nutrient management research involving the establishment of long-term plots on recently harvested sites using bole-only and whole-tree harvesting in commercial thinning and final harvest stands. In addition, a wide array of post-harvest silvicultural treatment options, including site preparation variations (slash treatment and prescribed burning), "weed and/or feed" operations, and various levels of biomass utilization (retention or removal) are being studied. Each of these treatments can affect a site's nutrient status and therefore its productivity. In the core experiment, a series of permanent plots, each classified by level of site disturbance and slash retention, were located within each of the general bole-only and whole-tree harvest treatment units.

**SFI 2015-2019 Standard Objective most relevant to project :** FM Objective 2. Forest Health and Productivity

**Select state(s)/province(s) for this project :** Washington

**Project Partners (List all project partners by category. Please be as specific as possible.) :** *No answer*

**Academic Organizations :** University of Idaho

**Research Organizations :**

**Conservation Organizations :**

**Government Organizations :**

**Community Organizations :**

**Other Organizations :**

**Estimated Project Start Date :** 2010-01-01

**Estimated Project End Date :** 2060-02-13

**Dollar amounts are in: :** US Dollars (USD)

**Estimated total project cost :** over \$50,000

**Your organization contribution in 2018 :** \$20,000 to \$50,000

**Supporting documentation (optional) :**

**Are your organization's contribution in 2018 included in your Research Funding dollars reported above to meet SFI Standard Requirements as it relates to the research requirement in the standard :** No

**Is this project part of a 2018 SFI Conservation or Community Grant? :** No

**May SFI use this project as an example in communications to help convey the exemplary work of SFI Program**

**Participants in the areas of conservation and community engagement? :** Share - with our organization's name

#### Project 4

**Project Name :** Stand Management Cooperative Type I, Douglas-fir and Western Hemlock established stand spacing studies (Forest Resources Division- Silviculture and Monitoring Section, and Northwest, Olympic and Pacific Cascade Regions)

**Project Objective :** Improve our understanding of how Douglas-fir and western hemlock trees and stands grow in relation to growing space.

**Short project description (include main point of contact and other relevant information - max. 650 words) :** Long term regional study with 32 installations across the PNW (3 are on DNR) in established stands covering a range of trees per acre and spacing treatments. Thinning regimes, fertilization, pruning and selective vs. systematic spacing treatments imposed. Re-measurements and analysis ongoing.

**SFI 2015-2019 Standard Objective most relevant to project :** FM Objective 10. Forestry Research, Science and Technology

**Select state(s)/province(s) for this project :** Washington

**Project Partners (List all project partners by category. Please be as specific as possible.) :** *No answer*

**Academic Organizations :** University of Washington

**Research Organizations :**

**Conservation Organizations :**

**Government Organizations :**

**Community Organizations :**

**Other Organizations :**

**Estimated Project Start Date :** 1986-01-01

**Estimated Project End Date :** 2026-12-31

**Dollar amounts are in: :** US Dollars (USD)

**Estimated total project cost :** over \$50,000

**Your organization contribution in 2018 :** over \$50,000

**Supporting documentation (optional) :**

**Are your organization's contribution in 2018 included in your Research Funding dollars reported above to meet SFI Standard Requirements as it relates to the research requirement in the standard :** No

**Is this project part of a 2018 SFI Conservation or Community Grant? :** No

**May SFI use this project as an example in communications to help convey the exemplary work of SFI Program**

**Participants in the areas of conservation and community engagement? :** Share - with our organization's name

#### Project 5

**Project Name :** Stand Management Cooperative Type II, Mid-rotation stand developmental dynamics in Douglas-fir and western hemlock. (Forest Resources Division- Silviculture and Monitoring Section, and Northwest Region)

**Project Objective :** Improve our understanding of how Douglas-fir and western hemlock trees and stands grow in relation to growing space. Develop an understanding of how species mixtures perform.

**Short project description (include main point of contact and other relevant information - max. 650 words) :** Long-term regional study with 12 installations across the PNW (1 on DNR land) studying how mid-rotation stand develop in relation to growing space and thinning. Study complements the Type I and Type II studies in older stands.

The exceptional database that has been developed allows the Co-op to bring in another \$600,000 annually in grants to conduct related research that benefits all the members. The database is also used to update G&Y models (through a different Co-op) that DNR depends on for its forest planning and sustainable yield calculations.

**SFI 2015-2019 Standard Objective most relevant to project :** FM Objective 2. Forest Health and Productivity

**Select state(s)/province(s) for this project :** Washington

**Project Partners (List all project partners by category. Please be as specific as possible.) :** *No answer*

**Academic Organizations :** University of Washington

**Research Organizations :** PNW Research Station

**Conservation Organizations :**

**Government Organizations :** Oregon Department of Forestry, BC Ministry of Forests, BLM

**Community Organizations :**

**Other Organizations :** 28 industrial agency and tribal members

**Estimated Project Start Date :** 1986-01-01

**Estimated Project End Date :** 2026-12-31

**Dollar amounts are in :** US Dollars (USD)

**Estimated total project cost :** over \$50,000

**Your organization contribution in 2018 :** over \$50,000

**Supporting documentation (optional) :**

**Are your organization's contribution in 2018 included in your Research Funding dollars reported above to meet SFI Standard Requirements as it relates to the research requirement in the standard :** No

**Is this project part of a 2018 SFI Conservation or Community Grant? :** No

**May SFI use this project as an example in communications to help convey the exemplary work of SFI Program**

**Participants in the areas of conservation and community engagement? :** Share - with our organization's name

## Project 6

**Project Name :** Stand Management Cooperative Type III, Stand development across a wide range of initial plantation spacing of Douglas-fir, western hemlock and mixtures (Forest Resources Division- Silviculture and Monitoring Section, and Northwest, Olympic and Pacific Cascade Regions)

**Project Objective :** Improve our understanding of how Douglas-fir and western hemlock trees and stands grow in relation to growing space. Develop an understanding of how species mixtures perform.

**Short project description (include main point of contact and other relevant information - max. 650 words) :** Long-term regional study with 33 installations across the PNW (7 are on DNR land) studying the effects of initial spacing on subsequent stand dynamics. All installations are large fixed area plots planted at a range of tpa. Site are measured on a five year basis and thinned when specified density targets are met.

**SFI 2015-2019 Standard Objective most relevant to project :** FM Objective 2. Forest Health and Productivity

**Select state(s)/province(s) for this project :** Washington

**Project Partners (List all project partners by category. Please be as specific as possible.) :** *No answer*

**Academic Organizations :** University of Washington, Oregon State University

**Research Organizations :** PNW Research Station

**Conservation Organizations :**

**Government Organizations :** Oregon Department of Forestry, BC Ministry of Forests, BLM

**Community Organizations :**

**Other Organizations :** 28 industrial, agency, and tribal members

**Estimated Project Start Date :** 1986-01-01

**Estimated Project End Date :** 2046-12-31

**Dollar amounts are in :** US Dollars (USD)

**Estimated total project cost :** over \$50,000

**Your organization contribution in 2018 :** over \$50,000

**Supporting documentation (optional) :**

**Are your organization's contribution in 2018 included in your Research Funding dollars reported above to meet SFI Standard Requirements as it relates to the research requirement in the standard :** No

**Is this project part of a 2018 SFI Conservation or Community Grant? :** No

**May SFI use this project as an example in communications to help convey the exemplary work of SFI Program**

**Participants in the areas of conservation and community engagement? :** Share - with our organization's name

**Project 7**

**Project Name :** Intermountain Forestry Cooperative Site Characterization Study (Forest Resources Division- Silviculture and Monitoring Section and Northeast Region)

**Project Objective :** Understand sustainable productivity in relation to the factors controlling it and be able to understand the impacts of a changing climate on productivity.

**Short project description (include main point of contact and other relevant information - max. 650 words) :** Develop process-level predictions of site quality at the landscape scale using bio-geo-climatic predictor variables and forest inventory data. Provide wall-to-wall predictions of potential productivity for all lands east of the Cascade crest.

**SFI 2015-2019 Standard Objective most relevant to project :** FM Objective 10. Forestry Research, Science and Technology

**Select state(s)/province(s) for this project :** Washington

**Project Partners (List all project partners by category. Please be as specific as possible.) :** *No answer*

**Academic Organizations :** University of Idaho

**Research Organizations :** Rocky Mtn. Research Station

**Conservation Organizations :**

**Government Organizations :** BLM, Idaho Dept of Lands

**Community Organizations :**

**Other Organizations :** 10 industrial and agency cooperators

**Estimated Project Start Date :** 2011-01-01

**Estimated Project End Date :** 2019-12-31

**Dollar amounts are in :** US Dollars (USD)

**Estimated total project cost :** over \$50,000

**Your organization contribution in 2018 :** \$20,000 to \$50,000

**Supporting documentation (optional) :**

**Are your organization's contribution in 2018 included in your Research Funding dollars reported above to meet SFI Standard Requirements as it relates to the research requirement in the standard :** No

**Is this project part of a 2018 SFI Conservation or Community Grant? :** No

**May SFI use this project as an example in communications to help convey the exemplary work of SFI Program**

**Participants in the areas of conservation and community engagement? :** Share - with our organization's name

**Project 8**

**Project Name :** Vegetation Management Research Cooperative – Evaluating Common Vegetation Control Regimes (Forest Resources Division- Silviculture and Monitoring Section and Pacific Cascade Region)

**Project Objective :** Understand how vegetation control practices affect the vegetative community as well as the effects on tree growth.

**Short project description (include main point of contact and other relevant information - max. 650 words) :** Quantify the impact six herbaceous vegetation control regimes on Douglas-fir seedling establishment, monitor changes to the vegetation community resulting from herbicide use, and intensively measure seedling xylem water potential and soil moisture conditions created through the use of these management regimes.

**SFI 2015-2019 Standard Objective most relevant to project :** FM Objective 2. Forest Health and Productivity

**Select state(s)/province(s) for this project :** Washington

**Project Partners (List all project partners by category. Please be as specific as possible.) :** *No answer*

**Academic Organizations :** Oregon State University

**Research Organizations :**

**Conservation Organizations :**

**Government Organizations :**

**Community Organizations :**

**Other Organizations :** 15 cooperators from industry and agencies

**Estimated Project Start Date :** 2005-01-01

**Estimated Project End Date :** 2025-12-31

**Dollar amounts are in :** US Dollars (USD)

**Estimated total project cost :** over \$50,000

**Your organization contribution in 2018 :** \$5,000 to \$20,000

**Supporting documentation (optional) :**

**Are your organization's contribution in 2018 included in your Research Funding dollars reported above to meet SFI Standard Requirements as it relates to the research requirement in the standard :** No

**Is this project part of a 2018 SFI Conservation or Community Grant? :** Yes

**May SFI use this project as an example in communications to help convey the exemplary work of SFI Program**

**Participants in the areas of conservation and community engagement? :** Share - with our organization's name

**Project 9**

**Project Name :** Intermountain Forestry Cooperative – Reforestation Post Wildfire Salvage on High Site Lands (Forest Resources Division- Silviculture and Monitoring Section and Northeast Region)

**Project Objective :** Test various reforestation practices on high site lands in NE Region.

**Short project description (include main point of contact and other relevant information - max. 650 words) :** Install six study sites on GF, and WH/WRC habitat types and test veg recovery, herbicide effects and natural regen rates.

**SFI 2015-2019 Standard Objective most relevant to project :** FM Objective 2. Forest Health and Productivity

**Select state(s)/province(s) for this project :** Washington

**Project Partners (List all project partners by category. Please be as specific as possible.) :** *No answer*

**Academic Organizations :** University of Idaho

**Research Organizations :**

**Conservation Organizations :**

**Government Organizations :**

**Community Organizations :**

**Other Organizations :** Intermountain Forestry Cooperative

**Estimated Project Start Date :** 2017-01-01

**Estimated Project End Date :** 2027-12-31

**Dollar amounts are in: :** US Dollars (USD)

**Estimated total project cost :** \$5,000 to \$20,000

**Your organization contribution in 2018 :** \$5,000 to \$20,000

**Supporting documentation (optional) :**

**Are your organization's contribution in 2018 included in your Research Funding dollars reported above to meet SFI Standard Requirements as it relates to the research requirement in the standard :** No

**Is this project part of a 2018 SFI Conservation or Community Grant? :** No

**May SFI use this project as an example in communications to help convey the exemplary work of SFI Program**

**Participants in the areas of conservation and community engagement? :** Share - with our organization's name

#### Project 10

**Project Name :** Spatial patterns of old-forest habitats in Western Washington (Forest Resources Division)

**Project Objective :** To map large (10-acre) stands in early old-growth Douglas-fir forests (200-350 years old), which can inform habitat thinning prescriptions for second-growth forests managed for late-seral species

**Short project description (include main point of contact and other relevant information - max. 650 words) :** On forest lands managed for habitat for late-seral species (e.g., northern spotted owl), variable density thinnings in second-growth forests are conducted with few tangible targets for creating the specific structures and patterns of old forests. This project aims to quantify spatial patterns of individual trees, clumps, and openings in westside old-growth Douglas-fir forests of Washington, to better inform habitat thinnings.

**SFI 2015-2019 Standard Objective most relevant to project :** FM Objective 4. Conservation of Biological Diversity

**Select state(s)/province(s) for this project :** Washington

**Project Partners (List all project partners by category. Please be as specific as possible.) :** *No answer*

**Academic Organizations :** University of Washington

**Research Organizations :**

**Conservation Organizations :**

**Government Organizations :**

**Community Organizations :**

**Other Organizations :**

**Estimated Project Start Date :** 2016-01-01

**Estimated Project End Date :** 2019-12-31

**Dollar amounts are in: :** US Dollars (USD)

**Estimated total project cost :** over \$50,000

**Your organization contribution in 2018 :** \$20,000 to \$50,000

**Supporting documentation (optional) :**

**Are your organization's contribution in 2018 included in your Research Funding dollars reported above to meet SFI Standard Requirements as it relates to the research requirement in the standard :** No

**Is this project part of a 2018 SFI Conservation or Community Grant? :** No

**May SFI use this project as an example in communications to help convey the exemplary work of SFI Program**

**Participants in the areas of conservation and community engagement? :** Share - with our organization's name

#### Project 11

**Project Name :** Estimates of historic range of variability of late-seral and early-seral forests of the Washington west Cascades

**Project Objective :** To provide a coarse filter foundation for providing habitat for late-seral and early-seral associated species, by modeling the historic abundance of each seral stage under natural historic fire regimes.

**Short project description (include main point of contact and other relevant information - max. 650 words) :** One of the most promising approaches to wildlife conservation is to provide sufficient levels of habitat at broad scales. An informative

starting point for such an effort is to understand what likely existed under pre-settlement conditions. To this end, DNR scientists are collaborating with the US Forest Service to model how much late-seral and early-seral forests likely existed on the west Cascades landscape historically, under natural disturbance regimes.

**SFI 2015-2019 Standard Objective most relevant to project :** FM Objective 4. Conservation of Biological Diversity

**Select state(s)/province(s) for this project :** Washington

**Project Partners (List all project partners by category. Please be as specific as possible.) :** *No answer*

**Academic Organizations :**

**Research Organizations :**

**Conservation Organizations :**

**Government Organizations :** USFS

**Community Organizations :**

**Other Organizations :**

**Estimated Project Start Date :** 2016-01-01

**Estimated Project End Date :** 2019-12-31

**Dollar amounts are in :** US Dollars (USD)

**Estimated total project cost :** over \$50,000

**Your organization contribution in 2018 :** \$20,000 to \$50,000

**Supporting documentation (optional) :**

**Are your organization's contribution in 2018 included in your Research Funding dollars reported above to meet SFI Standard Requirements as it relates to the research requirement in the standard :** No

**Is this project part of a 2018 SFI Conservation or Community Grant? :** No

**May SFI use this project as an example in communications to help convey the exemplary work of SFI Program**

**Participants in the areas of conservation and community engagement? :** Share - with our organization's name

## Project 12

**Project Name :** Assessing the role of non-federal lands in demographic support of the Northern Spotted Owl in Washington State: a spatial analysis.

**Project Objective :** To understand how incentive-based conservation approaches on non-federal lands may contribute to the recovery and conservation of the federally listed Northern Spotted Owl

**Short project description (include main point of contact and other relevant information - max. 650 words) :** In 2010, the Washington State Forest Practices Board convened the Northern Spotted Owl Implementation Team, comprised of stakeholder representatives. That team was directed to implement consensus recommendations, including identifying innovative, incentive-based strategies to recruit and conserve spotted owl habitat on non-federal lands in Washington. This overall initiative generally coincided with the development and release of the 2008 and 2011 versions of the federal spotted owl recovery plans (USFWS 2008, 2011). Indeed, stakeholder participants in Washington promoted incentive-based approaches to conservation and the U.S. Fish and Wildlife Service acknowledged such strategies with Recovery Action 18 in the recovery plan (USFWS 2011, page III-57). Because the U.S. Fish and Wildlife Service had developed and used a new and more powerful model to inform the recovery planning process and federal Critical Habitat designation (USFWS 2011, 2012), the Northern Spotted Owl Implementation Team chose to utilize the same tool to assess landscape areas where incentive-based conservation would be most beneficial to spotted owls in Washington. Subsequently, the Northern Spotted Owl Implementation Team convened a team of biologists to work with modelers to assess the spatial and temporal allocation of potential conservation efforts on non-federal lands.

**SFI 2015-2019 Standard Objective most relevant to project :** FM Objective 4. Conservation of Biological Diversity

**Select state(s)/province(s) for this project :** Washington

**Project Partners (List all project partners by category. Please be as specific as possible.) :** *No answer*

**Academic Organizations :** Humboldt State University

**Research Organizations :**

**Conservation Organizations :**

**Government Organizations :** Washington Department of Fish and Wildlife, USFS

**Community Organizations :**

**Other Organizations :**

**Estimated Project Start Date :** 2010-07-01

**Estimated Project End Date :** 2020-06-30

**Dollar amounts are in :** US Dollars (USD)

**Estimated total project cost :** \$20,000 to \$50,000

**Your organization contribution in 2018 :** less than \$5,000

**Supporting documentation (optional) :**

**Are your organization's contribution in 2018 included in your Research Funding dollars reported above to meet SFI Standard Requirements as it relates to the research requirement in the standard :** No

**Is this project part of a 2018 SFI Conservation or Community Grant? :** No

**May SFI use this project as an example in communications to help convey the exemplary work of SFI Program**

**Participants in the areas of conservation and community engagement? :** Share - with our organization's name

**Project 13****Project Name** : North American Snowshoe Hare Population Assessment (Northeast Region)**Project Objective** : Compare snowshoe hare densities and patterns of population cycling across their range in North America.**Short project description (include main point of contact and other relevant information - max. 650 words)** :

Establishment of 50+ pellet transects at study sites that range from New York to Alaska, which are monitored annually to determine snowshoe hare densities and compare patterns of population cycles between northern and southern latitudes. The Loomis State Forest is one of six study sites.

**SFI 2015-2019 Standard Objective most relevant to project** : FM Objective 4. Conservation of Biological Diversity**Select state(s)/province(s) for this project** : Washington**Project Partners (List all project partners by category. Please be as specific as possible.)** : *No answer***Academic Organizations** : University of Washington; Trent University**Research Organizations** :**Conservation Organizations** :**Government Organizations** :**Community Organizations** :**Other Organizations** :**Estimated Project Start Date** : 2014-01-01**Estimated Project End Date** : 2020-12-31**Dollar amounts are in:** : US Dollars (USD)**Estimated total project cost** : \$5,000 to \$20,000**Your organization contribution in 2018** : less than \$5,000**Supporting documentation (optional)** :**Are your organization's contribution in 2018 included in your Research Funding dollars reported above to meet SFI Standard Requirements as it relates to the research requirement in the standard** : No**Is this project part of a 2018 SFI Conservation or Community Grant?** : No**May SFI use this project as an example in communications to help convey the exemplary work of SFI Program Participants in the areas of conservation and community engagement?** : Share - with our organization's name**Project 14****Project Name** : Predator/Prey Research Project (Northeast Region)**Project Objective** : Understand interactions between wolves/cougars/bobcats/coyotes/deer/elk/moose**Short project description (include main point of contact and other relevant information - max. 650 words)** : Radio collar each species and determine predation rates and interactions to determine ecological and population impacts.**SFI 2015-2019 Standard Objective most relevant to project** : FM Objective 4. Conservation of Biological Diversity**Select state(s)/province(s) for this project** : Washington**Project Partners (List all project partners by category. Please be as specific as possible.)** : *No answer***Academic Organizations** : University of Washington**Research Organizations** :**Conservation Organizations** :**Government Organizations** : Washington Dept. of Fish & Wildlife**Community Organizations** :**Other Organizations** :**Estimated Project Start Date** : 2017-01-01**Estimated Project End Date** : 2021-12-31**Dollar amounts are in:** : US Dollars (USD)**Estimated total project cost** : over \$50,000**Your organization contribution in 2018** : less than \$5,000**Supporting documentation (optional)** :**Are your organization's contribution in 2018 included in your Research Funding dollars reported above to meet SFI Standard Requirements as it relates to the research requirement in the standard** : No**Is this project part of a 2018 SFI Conservation or Community Grant?** : No**May SFI use this project as an example in communications to help convey the exemplary work of SFI Program Participants in the areas of conservation and community engagement?** : Share - with our organization's name**Project 15****Project Name** : Determining Snowshoe Hare Densities in the Loomis State Forest (Northeast Region)**Project Objective** : Testing cost-effective methods to determine hare densities using remote camera detection rates.**Short project description (include main point of contact and other relevant information - max. 650 words)** : Master's thesis project using snowshoe hare pellet transect data, remote camera detections, and LIDAR to determine hare densities and identify high quality hare habitat on the Loomis State forest within Lynx Management Zones.

**SFI 2015-2019 Standard Objective most relevant to project** : FM Objective 4. Conservation of Biological Diversity

**Select state(s)/province(s) for this project** : Washington

**Project Partners (List all project partners by category. Please be as specific as possible.)** : No answer

**Academic Organizations** : Washington State University

**Research Organizations** :

**Conservation Organizations** :

**Government Organizations** : Washington Dept. of Fish & Wildlife

**Community Organizations** :

**Other Organizations** : Seattle City Light (public utility)

**Estimated Project Start Date** : 2018-01-01

**Estimated Project End Date** : 2019-12-31

**Dollar amounts are in:** : US Dollars (USD)

**Estimated total project cost** : \$20,000 to \$50,000

**Your organization contribution in 2018** : less than \$5,000

**Supporting documentation (optional)** :

**Are your organization's contribution in 2018 included in your Research Funding dollars reported above to meet SFI Standard Requirements as it relates to the research requirement in the standard** : No

**Is this project part of a 2018 SFI Conservation or Community Grant?** : No

**May SFI use this project as an example in communications to help convey the exemplary work of SFI Program Participants in the areas of conservation and community engagement?** : Share - with our organization's name

### Project 16

**Project Name** : Review current curriculum and give input on future changes to curriculum for the four year BS Forestry program.

**Project Objective** : Review current curriculum and give input on future changes to curriculum for the four year BS Forestry program.

**Short project description (include main point of contact and other relevant information - max. 650 words)** : About a dozen representatives from industry and 6-8 Green River admin staff and faculty met on Feb 8 at Port Blakely Headquarters to discuss the current 4 year curriculum and give input on how to improve on that and what might be missing or need more focus. Basically, discussing what they can do to help mold the perfect entry level forester going through a four year program.

**SFI 2015-2019 Standard Objective most relevant to project** : FM Objective 11. Training and Education

**Select state(s)/province(s) for this project** : Washington

**Project Partners (List all project partners by category. Please be as specific as possible.)** : No answer

**Academic Organizations** : Green River College

**Research Organizations** :

**Conservation Organizations** :

**Government Organizations** :

**Community Organizations** :

**Other Organizations** :

**Estimated Project Start Date** : 2018-02-08

**Estimated Project End Date** : 2020-12-31

**Dollar amounts are in:** : US Dollars (USD)

**Estimated total project cost** : less than \$5,000

**Your organization contribution in 2018** : less than \$5,000

**Supporting documentation (optional)** :

**Are your organization's contribution in 2018 included in your Research Funding dollars reported above to meet SFI Standard Requirements as it relates to the research requirement in the standard** : No

**Is this project part of a 2018 SFI Conservation or Community Grant?** : No

**May SFI use this project as an example in communications to help convey the exemplary work of SFI Program Participants in the areas of conservation and community engagement?** : Share - with our organization's name

### Project 17

**Project Name** : Reiter Foothills Forest ORV Trail Maintenance and Operations (NW Region)

**Project Objective** : Provide sustainable recreation opportunities on DNR-manages natural resource lands, and to protect water quality and wildlife habitat.

**Short project description (include main point of contact and other relevant information - max. 650 words)** : This is a grant-funded maintenance and operation program made possible through the Washington Recreation and Conservation Office (RCO). The purpose of the grant is to maintain and operate the Reiter Foothills Forest ORV trail system and temporary trailheads located in Snohomish County. Trail maintenance activities include brushing trails, maintaining culverts, drain dips and ditch-outs, hardening small sections of trail with crushed rock and constructing small re-routes. Additionally, kiosks and signs are inspected and maintained. Trailhead maintenance includes removing litter, and maintaining and repairing signs. The primary recreation opportunity provided by this project is safe and sustainable ORV and 4X4 recreation trails and support



facilities. A key purpose of this grant is to keep pace with heavy trail use impacts, protect water quality and natural resources.

The priority focus is trail work at known and documented trail erosion control sites along the 26.1 mile trail system.

**SFI 2015-2019 Standard Objective most relevant to project :** FM Objective 3. Protection and Maintenance of Water Resources

FM Objective 5. Management of Visual Quality and Recreational Benefits

**Select state(s)/province(s) for this project :** Washington

**Project Partners (List all project partners by category. Please be as specific as possible.) :** *No answer*

**Academic Organizations :**

**Research Organizations :**

**Conservation Organizations :**

**Government Organizations :** Washington State Recreation and Conservation Office

**Community Organizations :**

**Other Organizations :** Numerous recreation stakeholders

**Estimated Project Start Date :** 2018-02-01

**Estimated Project End Date :** 2019-10-31

**Dollar amounts are in :** US Dollars (USD)

**Estimated total project cost :** over \$50,000

**Your organization contribution in 2018 :** over \$50,000

**Supporting documentation (optional) :**

**Are your organization's contribution in 2018 included in your Research Funding dollars reported above to meet SFI Standard Requirements as it relates to the research requirement in the standard :** No

**Is this project part of a 2018 SFI Conservation or Community Grant? :** No

**May SFI use this project as an example in communications to help convey the exemplary work of SFI Program Participants in the areas of conservation and community engagement? :** Share - with our organization's name

### Project 18

**Project Name :** Sky Valley Community College Outreach

**Project Objective :** Educate and inform local students on how DNR balances its land management objectives including producing revenue for Trust beneficiaries, protecting the environment, and providing recreation opportunities.

**Short project description (include main point of contact and other relevant information - max. 650 words) :**

Throughout the year, the local unit forester and recreation manager team up to present several 1.5 hour long presentations and discussions on the history of State Trust Lands, what DNR does and why, and how it balances its land management objectives of producing revenue, protecting the environment, and providing recreation opportunities. Since each individual WA resident likely prioritizes one of these objectives more than the others DNR needs to ensure each of these objectives receives it due attention. These presentations and discussions are designed to inform WA residents on how DNR is unbiased towards its objectives and executing some of these objectives actually not only are compatible but complimentary to other objectives.

**SFI 2015-2019 Standard Objective most relevant to project :** FS Objective 11. Promote Conservation of Biological Diversity, Biodiversity Hotspots and High-Biodiversity Wilderness Areas

FS Objective 12. Avoidance of Controversial Sources including Illegal Logging

**Select state(s)/province(s) for this project :**

**Project Partners (List all project partners by category. Please be as specific as possible.) :** *No answer*

**Academic Organizations :** Everett Community College

**Research Organizations :**

**Conservation Organizations :**

**Government Organizations :**

**Community Organizations :**

**Other Organizations :**

**Estimated Project Start Date :** 2018-01-01

**Estimated Project End Date :** 2018-12-31

**Dollar amounts are in :** US Dollars (USD)

**Estimated total project cost :** less than \$5,000

**Your organization contribution in 2018 :** less than \$5,000

**Supporting documentation (optional) :**

**Are your organization's contribution in 2018 included in your Research Funding dollars reported above to meet SFI Standard Requirements as it relates to the research requirement in the standard :** No

**Is this project part of a 2018 SFI Conservation or Community Grant? :** No

**May SFI use this project as an example in communications to help convey the exemplary work of SFI Program Participants in the areas of conservation and community engagement? :** Share - with our organization's name

### Project 19

**Project Name :** Grimm Road Seed Orchard (Northeast Region, Forest Resource Division- Silviculture, Research and Monitoring Section)

**Project Objective :** Cultivate local seed sources and improve genetic diversity of planting stock specific to NE Region's management area. Meet DNR and local partners' seed needs and provide a long-term solution to difficulties in accumulating needed seed stock.

**Short project description (include main point of contact and other relevant information - max. 650 words) :**

Development of a NE Region seed orchard specializing in the production of improved Douglas-fir, western larch, and lodgepole pine seed.

**SFI 2015-2019 Standard Objective most relevant to project :** FM Objective 2. Forest Health and Productivity

FM Objective 9. Legal and Regulatory Compliance

FM Objective 10. Forestry Research, Science and Technology

**Select state(s)/province(s) for this project :** Washington

**Project Partners (List all project partners by category. Please be as specific as possible.) :** *No answer*

**Academic Organizations :**

**Research Organizations :** Inland Empire Tree Improvement Cooperative

**Conservation Organizations :**

**Government Organizations :** DNR Genetic Resources Program in Olympia, WA

**Community Organizations :**

**Other Organizations :**

**Estimated Project Start Date :** 2010-01-01

**Estimated Project End Date :** 2050-12-31

**Dollar amounts are in: :** US Dollars (USD)

**Estimated total project cost :** less than \$5,000

**Your organization contribution in 2018 :** less than \$5,000

**Supporting documentation (optional) :**

**Are your organization's contribution in 2018 included in your Research Funding dollars reported above to meet SFI Standard Requirements as it relates to the research requirement in the standard :** No

**Is this project part of a 2018 SFI Conservation or Community Grant? :** No

**May SFI use this project as an example in communications to help convey the exemplary work of SFI Program Participants in the areas of conservation and community engagement? :** Share - with our organization's name

## Project 20

**Project Name :** Pullman Seed Orchard (Northeast Region, Forest Resource Division- Silviculture, Research and Monitoring Section)

**Project Objective :** Cultivate local seed sources and improve genetic diversity of planting stock specific to NE Region's management area. Meet DNR and local partners' seed needs and provide a long-term solution to difficulties in accumulating needed seed stock.

**Short project description (include main point of contact and other relevant information - max. 650 words) :**

Development of a cooperative seed orchard in Pullman, WA specializing in production of improved ponderosa pine seed for NE Region planting program.

**SFI 2015-2019 Standard Objective most relevant to project :** FM Objective 2. Forest Health and Productivity

FM Objective 9. Legal and Regulatory Compliance

FM Objective 10. Forestry Research, Science and Technology

**Select state(s)/province(s) for this project :**

**Project Partners (List all project partners by category. Please be as specific as possible.) :** *No answer*

**Academic Organizations :** Washington State University

**Research Organizations :** Inland Empire Tree Improvement Cooperative

**Conservation Organizations :**

**Government Organizations :** Natural Resources Conservation Service

**Community Organizations :**

**Other Organizations :**

**Estimated Project Start Date :** 2007-01-01

**Estimated Project End Date :** 2050-12-31

**Dollar amounts are in: :** US Dollars (USD)

**Estimated total project cost :** less than \$5,000

**Your organization contribution in 2018 :** less than \$5,000

**Supporting documentation (optional) :**

**Are your organization's contribution in 2018 included in your Research Funding dollars reported above to meet SFI Standard Requirements as it relates to the research requirement in the standard :** No

**Is this project part of a 2018 SFI Conservation or Community Grant? :** No

**May SFI use this project as an example in communications to help convey the exemplary work of SFI Program Participants in the areas of conservation and community engagement? :** Share - with our organization's name

## Project 21

**Project Name :** Old Goody Seed Orchards (Northeast Region, Forest Resource Division- Silviculture, Research and Monitoring Section)

**Project Objective :** Cultivate local seed sources and improve genetic diversity of planting stock specific to NE Region's management area. Meet DNR and local partners' seed needs and provide a long-term solution to difficulties in accumulating needed seed stock.

**Short project description (include main point of contact and other relevant information - max. 650 words) :**

Development of a seed orchard in Pend Oreille County specializing in production of improved white pine and Douglas-fir seed for NE Region planting program.

**SFI 2015-2019 Standard Objective most relevant to project :** FM Objective 2. Forest Health and Productivity

FM Objective 9. Legal and Regulatory Compliance

FM Objective 10. Forestry Research, Science and Technology

**Select state(s)/province(s) for this project :** Washington

**Project Partners (List all project partners by category. Please be as specific as possible.) :** *No answer*

**Academic Organizations :**

**Research Organizations :** Inland Empire Tree Improvement Cooperative

**Conservation Organizations :**

**Government Organizations :**

**Community Organizations :**

**Other Organizations :**

**Estimated Project Start Date :** 1988-01-01

**Estimated Project End Date :** 2050-12-31

**Dollar amounts are in :** US Dollars (USD)

**Estimated total project cost :** less than \$5,000

**Your organization contribution in 2018 :** less than \$5,000

**Supporting documentation (optional) :**

**Are your organization's contribution in 2018 included in your Research Funding dollars reported above to meet SFI Standard Requirements as it relates to the research requirement in the standard :** No

**Is this project part of a 2018 SFI Conservation or Community Grant? :** No

**May SFI use this project as an example in communications to help convey the exemplary work of SFI Program Participants in the areas of conservation and community engagement? :** Share - with our organization's name

## Project 22

**Project Name :** Robbins Creek Western Redcedar Seed Orchard (Northeast Region, Forest Resource Division- Silviculture, Research and Monitoring Section)

**Project Objective :** Cultivate local seed sources and improve genetic diversity of planting stock specific to NE Region's management area. Meet DNR and local partners' seed needs and provide a long-term solution to difficulties in accumulating needed seed stock.

**Short project description (include main point of contact and other relevant information - max. 650 words) :**

Development of a NE Region seed orchard specializing in the production of western redcedar seed.

**SFI 2015-2019 Standard Objective most relevant to project :** FM Objective 2. Forest Health and Productivity

FM Objective 9. Legal and Regulatory Compliance

FM Objective 10. Forestry Research, Science and Technology

**Select state(s)/province(s) for this project :** Washington

**Project Partners (List all project partners by category. Please be as specific as possible.) :** *No answer*

**Academic Organizations :**

**Research Organizations :** Inland Empire Tree Improvement Cooperative

**Conservation Organizations :**

**Government Organizations :**

**Community Organizations :**

**Other Organizations :**

**Estimated Project Start Date :** 2014-01-01

**Estimated Project End Date :** 2050-12-31

**Dollar amounts are in :** US Dollars (USD)

**Estimated total project cost :** less than \$5,000

**Your organization contribution in 2018 :** less than \$5,000

**Supporting documentation (optional) :**

**Are your organization's contribution in 2018 included in your Research Funding dollars reported above to meet SFI Standard Requirements as it relates to the research requirement in the standard :** No

**Is this project part of a 2018 SFI Conservation or Community Grant? :** No

**May SFI use this project as an example in communications to help convey the exemplary work of SFI Program Participants in the areas of conservation and community engagement? :** Share - with our organization's name

**Project 23**

**Project Name :** Robbins Creek Western White Pine Seed Orchard (Northeast Region, Forest Resource Division- Silviculture, Research and Monitoring Section)

**Project Objective :** Cultivate local seed sources and improve genetic diversity of planting stock specific to NE Region's management area. Meet DNR and local partners' seed needs and provide a long-term solution to difficulties in accumulating needed seed stock.

**Short project description (include main point of contact and other relevant information - max. 650 words) :**

Development of a NE Region seed orchard specializing in the production of white pine seed.

**SFI 2015-2019 Standard Objective most relevant to project :** FM Objective 2. Forest Health and Productivity

FM Objective 9. Legal and Regulatory Compliance

FM Objective 10. Forestry Research, Science and Technology

**Select state(s)/province(s) for this project :** Washington

**Project Partners (List all project partners by category. Please be as specific as possible.) :** *No answer*

**Academic Organizations :**

**Research Organizations :** Inland Empire Tree Improvement Cooperative

**Conservation Organizations :**

**Government Organizations :**

**Community Organizations :**

**Other Organizations :** Hancock Forest Management

**Estimated Project Start Date :** 2016-01-01

**Estimated Project End Date :** 2050-12-31

**Dollar amounts are in: :** US Dollars (USD)

**Estimated total project cost :** less than \$5,000

**Your organization contribution in 2018 :** less than \$5,000

**Supporting documentation (optional) :**

**Are your organization's contribution in 2018 included in your Research Funding dollars reported above to meet SFI Standard Requirements as it relates to the research requirement in the standard :** No

**Is this project part of a 2018 SFI Conservation or Community Grant? :** No

**May SFI use this project as an example in communications to help convey the exemplary work of SFI Program Participants in the areas of conservation and community engagement? :** Share - with our organization's name

**Project 24**

**Project Name :** Kalamalka Douglas-fir Seed Orchard (Northeast Region, Forest Resource Division- Silviculture, Research and Monitoring Section)

**Project Objective :** Cultivate local seed sources and improve genetic diversity of planting stock specific to NE Region's management area. Meet DNR and local partners' seed needs and provide a long-term solution to difficulties in accumulating needed seed stock.

**Short project description (include main point of contact and other relevant information - max. 650 words) :**

Development of a seed orchard specializing in the production of Douglas-fir seed to supplement existing seed sources.

**SFI 2015-2019 Standard Objective most relevant to project :** FM Objective 2. Forest Health and Productivity

FM Objective 9. Legal and Regulatory Compliance

FM Objective 10. Forestry Research, Science and Technology

**Select state(s)/province(s) for this project :** British Columbia

**Project Partners (List all project partners by category. Please be as specific as possible.) :** *No answer*

**Academic Organizations :**

**Research Organizations :** Inland Empire Tree Improvement Cooperative

**Conservation Organizations :**

**Government Organizations :**

**Community Organizations :**

**Other Organizations :**

**Estimated Project Start Date :** 2015-01-01

**Estimated Project End Date :** 2050-12-31

**Dollar amounts are in: :** US Dollars (USD)

**Estimated total project cost :** less than \$5,000

**Your organization contribution in 2018 :** less than \$5,000

**Supporting documentation (optional) :**

**Are your organization's contribution in 2018 included in your Research Funding dollars reported above to meet SFI Standard Requirements as it relates to the research requirement in the standard :** No

**Is this project part of a 2018 SFI Conservation or Community Grant? :** No

**May SFI use this project as an example in communications to help convey the exemplary work of SFI Program Participants in the areas of conservation and community engagement? :** Share - with our organization's name

**Project 25**

**Project Name :** Kalamalka Western Larch Seed Orchard (Northeast Region, Forest Resource Division- Silviculture, Research and Monitoring Section)

**Project Objective :** Cultivate local seed sources and improve genetic diversity of planting stock specific to NE Region's management area. Meet DNR and local partners' seed needs and provide a long-term solution to difficulties in accumulating needed seed stock.

**Short project description (include main point of contact and other relevant information - max. 650 words) :**

Development of a seed orchard specializing in the production of western larch seed to supplement existing seed sources.

**SFI 2015-2019 Standard Objective most relevant to project :** FM Objective 2. Forest Health and Productivity

FM Objective 9. Legal and Regulatory Compliance

FM Objective 10. Forestry Research, Science and Technology

**Select state(s)/province(s) for this project :** British Columbia

**Project Partners (List all project partners by category. Please be as specific as possible.) :** *No answer*

**Academic Organizations :**

**Research Organizations :** Inland Empire Tree Improvement Cooperative

**Conservation Organizations :**

**Government Organizations :**

**Community Organizations :**

**Other Organizations :**

**Estimated Project Start Date :** 2007-01-01

**Estimated Project End Date :** 2050-12-31

**Dollar amounts are in: :** US Dollars (USD)

**Estimated total project cost :** less than \$5,000

**Your organization contribution in 2018 :** less than \$5,000

**Supporting documentation (optional) :**

**Are your organization's contribution in 2018 included in your Research Funding dollars reported above to meet SFI Standard Requirements as it relates to the research requirement in the standard :** No

**Is this project part of a 2018 SFI Conservation or Community Grant? :** No

**May SFI use this project as an example in communications to help convey the exemplary work of SFI Program Participants in the areas of conservation and community engagement? :** Share - with our organization's name

**Project 26**

**Project Name :** White Pine Progeny Test (Northeast Region, Resource Protection Division- Forest Health Section)

**Project Objective :** Develop resistance to white pine blister rust by screening selected parent trees for durable resistance to this exotic pathogen while retaining broad genetic diversity within the species.

**Short project description (include main point of contact and other relevant information - max. 650 words) :** Establish western white pine progeny test sites to evaluate amount and type of genetic resistance to white pine blister rust and tree survival and growth. Selections were made throughout Washington and the interior of British Columbia. Three sites situated in Northeast Region.

**SFI 2015-2019 Standard Objective most relevant to project :** FM Objective 4. Conservation of Biological Diversity

FM Objective 9. Legal and Regulatory Compliance

FM Objective 10. Forestry Research, Science and Technology

**Select state(s)/province(s) for this project :**

**Project Partners (List all project partners by category. Please be as specific as possible.) :** *No answer*

**Academic Organizations :**

**Research Organizations :**

**Conservation Organizations :**

**Government Organizations :** Forest Service Dorena Genetic Resource Center

**Community Organizations :**

**Other Organizations :**

**Estimated Project Start Date :** 2013-01-01

**Estimated Project End Date :** 2050-12-31

**Dollar amounts are in: :** US Dollars (USD)

**Estimated total project cost :** less than \$5,000

**Your organization contribution in 2018 :** less than \$5,000

**Supporting documentation (optional) :**

**Are your organization's contribution in 2018 included in your Research Funding dollars reported above to meet SFI Standard Requirements as it relates to the research requirement in the standard :** No

**Is this project part of a 2018 SFI Conservation or Community Grant? :** No

**May SFI use this project as an example in communications to help convey the exemplary work of SFI Program Participants in the areas of conservation and community engagement? :** Share - with our organization's name

**Project 27**

**Project Name :** Whitebark Pine Progeny Test (Northeast Region, Resource Protection Division- Forest Health Section)

**Project Objective :** Develop resistance to white pine blister rust by screening selected parent trees for durable resistance to this exotic pathogen while retaining broad genetic diversity within the species.

**Short project description (include main point of contact and other relevant information - max. 650 words) :** Establish a Whitebark pine progeny test site to evaluate amount and type of genetic resistance to white pine blister rust and tree survival and growth.

**SFI 2015-2019 Standard Objective most relevant to project :** FM Objective 2. Forest Health and Productivity

FM Objective 4. Conservation of Biological Diversity

FM Objective 10. Forestry Research, Science and Technology

**Select state(s)/province(s) for this project :**

**Project Partners (List all project partners by category. Please be as specific as possible.) :** *No answer*

**Academic Organizations :**

**Research Organizations :**

**Conservation Organizations :**

**Government Organizations :** DNR Forest Health Program

**Community Organizations :**

**Other Organizations :**

**Estimated Project Start Date :** 2015-01-01

**Estimated Project End Date :** 2050-12-31

**Dollar amounts are in: :** US Dollars (USD)

**Estimated total project cost :** less than \$5,000

**Your organization contribution in 2018 :** less than \$5,000

**Supporting documentation (optional) :**

**Are your organization's contribution in 2018 included in your Research Funding dollars reported above to meet SFI Standard Requirements as it relates to the research requirement in the standard :** No

**Is this project part of a 2018 SFI Conservation or Community Grant? :** No

**May SFI use this project as an example in communications to help convey the exemplary work of SFI Program**

**Participants in the areas of conservation and community engagement? :** Share - with our organization's name

**Project 28**

**Project Name :** Slice Above Research Site - Intermountain Forestry Cooperative - Nutrition Effects on Future Forest Productivity Study (Northeast Region, Forest Resource Division- Silviculture, Research and Monitoring Section)

**Project Objective :** To develop forest management guidelines for various site types that land managers can use to assess probable impact of management operations on nutrient retention and future growth.

**Short project description (include main point of contact and other relevant information - max. 650 words) :** This installation is part of ongoing nutrient management research involving the establishment of long-term plots on recently harvested sites using bole-only and whole-tree harvesting in commercial thinning and final harvest stands. In addition, a wide array of post-harvest silvicultural treatment options, including site preparation variations (slash treatment and prescribed burning), "weed and/or feed" operations, and various levels of biomass utilization (retention or removal) are being studied. Each of these treatments can affect a site's nutrient status and therefore its productivity. In the core experiment, a series of permanent plots, each classified by level of site disturbance and slash retention, were located within each of the general bole-only and whole-tree harvest treatment units.

**SFI 2015-2019 Standard Objective most relevant to project :** FM Objective 2. Forest Health and Productivity

FM Objective 10. Forestry Research, Science and Technology

**Select state(s)/province(s) for this project :** Washington

**Project Partners (List all project partners by category. Please be as specific as possible.) :** *No answer*

**Academic Organizations :** University of Idaho, College of Natural Resources

**Research Organizations :** Intermountain Forestry Cooperative

**Conservation Organizations :**

**Government Organizations :**

**Community Organizations :**

**Other Organizations :**

**Estimated Project Start Date :** 2012-01-01

**Estimated Project End Date :** 2042-12-31

**Dollar amounts are in: :** US Dollars (USD)

**Estimated total project cost :** less than \$5,000

**Your organization contribution in 2018 :** less than \$5,000

**Supporting documentation (optional) :**

**Are your organization's contribution in 2018 included in your Research Funding dollars reported above to meet SFI Standard Requirements as it relates to the research requirement in the standard :** No

**Is this project part of a 2018 SFI Conservation or Community Grant? :** No

**May SFI use this project as an example in communications to help convey the exemplary work of SFI Program Participants in the areas of conservation and community engagement?** : Share - with our organization's name

### Project 29

**Project Name** : Paired Plot Density Management Study –( Northeast Region, Forest Resource Division- Silviculture, Research and Monitoring Section)

**Project Objective** : Study effects of site quality and stand density on tree growth and stand development.

**Short project description (include main point of contact and other relevant information - max. 650 words)** : Part of a large (100-150 plot) regional study investigating precommercial thinning timing, spacing, species selection and site quality.

**SFI 2015-2019 Standard Objective most relevant to project** : FM Objective 2. Forest Health and Productivity

FM Objective 4. Conservation of Biological Diversity

FM Objective 10. Forestry Research, Science and Technology

FM Objective 15. Management Review and Continual Improvement

**Select state(s)/province(s) for this project** :

**Project Partners (List all project partners by category. Please be as specific as possible.)** : *No answer*

**Academic Organizations** : University of Idaho, College of Natural Resources

**Research Organizations** : Intermountain Forestry Cooperative

**Conservation Organizations** :

**Government Organizations** :

**Community Organizations** :

**Other Organizations** :

**Estimated Project Start Date** : 2012-01-01

**Estimated Project End Date** : 2042-12-31

**Dollar amounts are in:** : US Dollars (USD)

**Estimated total project cost** : less than \$5,000

**Your organization contribution in 2018** : less than \$5,000

**Supporting documentation (optional)** :

**Are your organization's contribution in 2018 included in your Research Funding dollars reported above to meet SFI Standard Requirements as it relates to the research requirement in the standard** : No

**Is this project part of a 2018 SFI Conservation or Community Grant?** : No

**May SFI use this project as an example in communications to help convey the exemplary work of SFI Program Participants in the areas of conservation and community engagement?** : Share - with our organization's name

### Project 30

**Project Name** : Carlton Post Fire Recovery Study –( Northeast Region, Forest Resource Division- Silviculture, Research and Monitoring Section)

**Project Objective** : Compare recovery after severe wildfire in harvested and non-harvested areas by addressing plantation establishment, natural conifer regeneration rates, other vegetation establishment rates and the effect of post-fire grass seeding on forest establishment.

**Short project description (include main point of contact and other relevant information - max. 650 words)** : Establish plots in areas burned by 2014 Carlton Fire to study seedling survival and growth differences resulting from Fall and Spring planting with and without a herbicide spot treatment.

**SFI 2015-2019 Standard Objective most relevant to project** : FM Objective 2. Forest Health and Productivity

FM Objective 10. Forestry Research, Science and Technology

FM Objective 15. Management Review and Continual Improvement

**Select state(s)/province(s) for this project** : Washington

**Project Partners (List all project partners by category. Please be as specific as possible.)** : *No answer*

**Academic Organizations** :

**Research Organizations** :

**Conservation Organizations** :

**Government Organizations** : DNR Silviculture Program in Olympia, WA

**Community Organizations** :

**Other Organizations** :

**Estimated Project Start Date** : 2014-01-01

**Estimated Project End Date** : 2020-12-31

**Dollar amounts are in:** : US Dollars (USD)

**Estimated total project cost** : less than \$5,000

**Your organization contribution in 2018** : less than \$5,000

**Supporting documentation (optional)** :

**Are your organization's contribution in 2018 included in your Research Funding dollars reported above to meet SFI Standard Requirements as it relates to the research requirement in the standard** : No

**Is this project part of a 2018 SFI Conservation or Community Grant?** : No

**May SFI use this project as an example in communications to help convey the exemplary work of SFI Program Participants in the areas of conservation and community engagement?** : Share - with our organization's name

### Project 31

**Project Name** : Intermountain Forestry Cooperative - Post Fire Reforestation Study (Northeast Region, Forest Resource Division- Silviculture, Research and Monitoring Section)

**Project Objective** : Compare reforestation outcomes on salvage harvested sites and survival and growth of planted seedlings between spot herbicide and no herbicide applications across environmental gradients of productivity as represented by site index and plant association.

**Short project description (include main point of contact and other relevant information - max. 650 words)** : Establish plots in areas burned by 2015 wildfires to study seedling survival and growth differences resulting from planting with and without herbicide application treatments.

**SFI 2015-2019 Standard Objective most relevant to project** : FM Objective 2. Forest Health and Productivity  
FM Objective 10. Forestry Research, Science and Technology  
FM Objective 15. Management Review and Continual Improvement

**Select state(s)/province(s) for this project** : Washington

**Project Partners (List all project partners by category. Please be as specific as possible.)** : *No answer*

**Academic Organizations** : University of Idaho, College of Natural Resources

**Research Organizations** : Intermountain Forestry Cooperative

**Conservation Organizations** :

**Government Organizations** :

**Community Organizations** :

**Other Organizations** :

**Estimated Project Start Date** : 2017-01-01

**Estimated Project End Date** : 2022-12-31

**Dollar amounts are in:** : US Dollars (USD)

**Estimated total project cost** : less than \$5,000

**Your organization contribution in 2018** : less than \$5,000

**Supporting documentation (optional)** :

**Are your organization's contribution in 2018 included in your Research Funding dollars reported above to meet SFI Standard Requirements as it relates to the research requirement in the standard** : No

**Is this project part of a 2018 SFI Conservation or Community Grant?** : No

**May SFI use this project as an example in communications to help convey the exemplary work of SFI Program Participants in the areas of conservation and community engagement?** : Share - with our organization's name

### Project 32

**Project Name** : Sauk River Watershed Knotweed Control Project – (NW Region)

**Project Objective** : Noxious and invasive weed control

**Short project description (include main point of contact and other relevant information - max. 650 words)** : Systematic control of noxious and invasive weeds, primarily knotweed, in the Sauk River watershed

**SFI 2015-2019 Standard Objective most relevant to project** : FM Objective 2. Forest Health and Productivity  
FM Objective 3. Protection and Maintenance of Water Resources  
FM Objective 9. Legal and Regulatory Compliance

**Select state(s)/province(s) for this project** : Washington

**Project Partners (List all project partners by category. Please be as specific as possible.)** : *No answer*

**Academic Organizations** :

**Research Organizations** :

**Conservation Organizations** :

**Government Organizations** : Sauk-Suiattle Indian Tribe

**Community Organizations** :

**Other Organizations** :

**Estimated Project Start Date** : 2012-01-01

**Estimated Project End Date** : 2022-06-30

**Dollar amounts are in:** : US Dollars (USD)

**Estimated total project cost** : over \$50,000

**Your organization contribution in 2018** : \$5,000 to \$20,000

**Supporting documentation (optional)** :

**Are your organization's contribution in 2018 included in your Research Funding dollars reported above to meet SFI Standard Requirements as it relates to the research requirement in the standard** : No

**Is this project part of a 2018 SFI Conservation or Community Grant?** : No

**May SFI use this project as an example in communications to help convey the exemplary work of SFI Program Participants in the areas of conservation and community engagement?** : Share - with our organization's name



**Project 33****Project Name** : Snohomish County Public Works Noxious Weed Control and Surface Water Management (DNR NW Region)**Project Objective** : Protection of surface water.**Short project description (include main point of contact and other relevant information - max. 650 words)** : The Public Works Department of Snohomish County is engaged in noxious and invasive weed control along County rights of way and ecological lands; and in revegetating treated areas with native plants.**SFI 2015-2019 Standard Objective most relevant to project** : FM Objective 3. Protection and Maintenance of Water Resources

FM Objective 6. Protection of Special Sites

FM Objective 9. Legal and Regulatory Compliance

**Select state(s)/province(s) for this project** : Washington**Project Partners (List all project partners by category. Please be as specific as possible.)** : *No answer***Academic Organizations** :**Research Organizations** :**Conservation Organizations** :**Government Organizations** : Snohomish County Public Works**Community Organizations** :**Other Organizations** :**Estimated Project Start Date** : 2012-01-01**Estimated Project End Date** : 2023-12-31**Dollar amounts are in:** : US Dollars (USD)**Estimated total project cost** : over \$50,000**Your organization contribution in 2018** : \$5,000 to \$20,000**Supporting documentation (optional)** :**Are your organization's contribution in 2018 included in your Research Funding dollars reported above to meet SFI Standard Requirements as it relates to the research requirement in the standard** : No**Is this project part of a 2018 SFI Conservation or Community Grant?** : No**May SFI use this project as an example in communications to help convey the exemplary work of SFI Program Participants in the areas of conservation and community engagement?** : Share - with our organization's name**Project 34****Project Name** : Trout Lake Meadow Restoration Phase II (Southeast Region/Natural Areas)**Project Objective** : Expand previous meadow restoration work to enhance habitat for Oregon Spotted Frogs, Greater Sandhill Cranes and rare plant species.**Short project description (include main point of contact and other relevant information - max. 650 words)** : Annual Oregon spotted frog egg mass surveys were conducted with USFWS and WDFW partners. Restoration activities included controlling invasive grasses on over 10 acres, planting over 2,000 native species plugs, and mowing. Restoration activities and environmental education projects conducted in conjunction with Cascade Mountain Outdoor School. Plants were grown out by students at Clark College in Vancouver. This is a great opportunity for the students to learn about habitat restoration work and test methods for growing difficult wetland plant species.**SFI 2015-2019 Standard Objective most relevant to project** : FM Objective 4. Conservation of Biological Diversity  
FM Objective 6. Protection of Special Sites**Select state(s)/province(s) for this project** : Washington**Project Partners (List all project partners by category. Please be as specific as possible.)** : *No answer***Academic Organizations** : Clark College: Growing out wetland plant species**Research Organizations** :**Conservation Organizations** :**Government Organizations** : WA Department of Fish and Wildlife: Consultation, monitoring WA Department of Ecology: WCC crews: Implementation Washington Recreation and Conservation Office: Funding**Community Organizations** :**Other Organizations** : Cascade Mountain School**Estimated Project Start Date** : 2018-01-01**Estimated Project End Date** : 2018-10-31**Dollar amounts are in:** : US Dollars (USD)**Estimated total project cost** : \$5,000 to \$20,000**Your organization contribution in 2018** : less than \$5,000**Supporting documentation (optional)** :**Are your organization's contribution in 2018 included in your Research Funding dollars reported above to meet SFI Standard Requirements as it relates to the research requirement in the standard** : No**Is this project part of a 2018 SFI Conservation or Community Grant?** : No**May SFI use this project as an example in communications to help convey the exemplary work of SFI Program Participants in the areas of conservation and community engagement?** : Share - with our organization's name

**Project 35**

**Project Name :** Wenatchee Mtn Checkermallow Surveys, Camas Meadows NAP (Southeast Region/ Natural Areas)

**Project Objective :** Ongoing monitoring effort as part of the recovery plan for the Wenatchee Mt Checkermallow, federal endangered species.

**Short project description (include main point of contact and other relevant information - max. 650 words) :** The project goal is to map and count all Wenatchee Mt Checkermallow plants at Camas Meadows NAP to monitor the status of the population. Select polygons will be monitored periodically in the future to monitor population trends at this site.

**SFI 2015-2019 Standard Objective most relevant to project :** FM Objective 4. Conservation of Biological Diversity

**Select state(s)/province(s) for this project :** Washington

**Project Partners (List all project partners by category. Please be as specific as possible.) :** *No answer*

**Academic Organizations :** University of Washington

**Research Organizations :**

**Conservation Organizations :**

**Government Organizations :** US Fish and Wildlife Service

**Community Organizations :**

**Other Organizations :**

**Estimated Project Start Date :** 2018-06-01

**Estimated Project End Date :** 2018-06-30

**Dollar amounts are in :** US Dollars (USD)

**Estimated total project cost :** less than \$5,000

**Your organization contribution in 2018 :** less than \$5,000

**Supporting documentation (optional) :**

**Are your organization's contribution in 2018 included in your Research Funding dollars reported above to meet SFI Standard Requirements as it relates to the research requirement in the standard :** No

**Is this project part of a 2018 SFI Conservation or Community Grant? :** No

**May SFI use this project as an example in communications to help convey the exemplary work of SFI Program Participants in the areas of conservation and community engagement? :** Share - with our organization's name

**Project 36**

**Project Name :** Klickitat Canyon NRCA Wildflower Hike (Southeast Region/ Natural Areas)

**Project Objective :** To promote awareness of the unique plant communities and ongoing research and restoration efforts at Klickitat Canyon NRCA

**Short project description (include main point of contact and other relevant information - max. 650 words) :** As part of the annual Washington Native Plant Society study weekend the WADNR hosted a wildflower hike for Native Plant Society members. The event highlighted the unique plant communities and discussed the ongoing forest and meadow restoration efforts conducted at this site. Botanical surveys were conducted and additional plants added to the site plant list.

**SFI 2015-2019 Standard Objective most relevant to project :** FM Objective 12. Community Involvement and Landowner Outreach

**Select state(s)/province(s) for this project :** Washington

**Project Partners (List all project partners by category. Please be as specific as possible.) :** *No answer*

**Academic Organizations :**

**Research Organizations :**

**Conservation Organizations :** Washington Native Plant Society

**Government Organizations :**

**Community Organizations :**

**Other Organizations :**

**Estimated Project Start Date :** 2018-05-05

**Estimated Project End Date :** 2018-05-05

**Dollar amounts are in :** US Dollars (USD)

**Estimated total project cost :** less than \$5,000

**Your organization contribution in 2018 :** less than \$5,000

**Supporting documentation (optional) :**

**Are your organization's contribution in 2018 included in your Research Funding dollars reported above to meet SFI Standard Requirements as it relates to the research requirement in the standard :** No

**Is this project part of a 2018 SFI Conservation or Community Grant? :** No

**May SFI use this project as an example in communications to help convey the exemplary work of SFI Program Participants in the areas of conservation and community engagement? :** Share - with our organization's name

**Project 37**

**Project Name :** Baker to Bellingham Non-Motorized Recreation Plan (NW Region)

**Project Objective :** Development of a recreation plan that meets the agency's primary revenue and conservation directives

while providing diverse recreation opportunities for all those who would like to enjoy these landscapes by establishing public access and sustainable recreation on DNR-managed lands in Whatcom County.

**Short project description (include main point of contact and other relevant information - max. 650 words) :** DNR initiated the planning process to develop a recreation plan in 2016. In 2018, the planning wrapped up with the development of the recreation plan, which includes a concept map that directs non-motorized recreation into four recreation development zones. The recreation plan will guide recreation on DNR-managed lands from Baker to Bellingham for the next 10 to 15 years. The recreation planning committee, established in 2016, provided draft recommendations and a prioritized list of recreation development projects for the recreation plan. The draft recreation plan went through the State Environmental Policy Act (SEPA) review process. Comprehensive recreation planning in the area will improve public access and safety; expand recreation opportunities; better protect natural resources, water quality, and habitats; and maintain the agency's obligation to generate sustainable revenue for public school construction.

**SFI 2015-2019 Standard Objective most relevant to project :** FM Objective 5. Management of Visual Quality and Recreational Benefits

**Select state(s)/province(s) for this project :** Washington

**Project Partners (List all project partners by category. Please be as specific as possible.) :** *No answer*

**Academic Organizations :**

**Research Organizations :**

**Conservation Organizations :**

**Government Organizations :**

**Community Organizations :** Washington Trails Association, North Cascades Soaring Club, Mount Baker Chamber of Commerce, Whatcom Mountain bike Alliance, Bellingham Trail Running Club, Whatcom Chapter Back Country Horsemen, American Rivers and Citizens for Forest Roads.

**Other Organizations :**

**Estimated Project Start Date :** 2018-01-01

**Estimated Project End Date :** 2018-12-31

**Dollar amounts are in :** US Dollars (USD)

**Estimated total project cost :** over \$50,000

**Your organization contribution in 2018 :** over \$50,000

**Supporting documentation (optional) :**

**Are your organization's contribution in 2018 included in your Research Funding dollars reported above to meet SFI Standard Requirements as it relates to the research requirement in the standard :** No

**Is this project part of a 2018 SFI Conservation or Community Grant? :** No

**May SFI use this project as an example in communications to help convey the exemplary work of SFI Program Participants in the areas of conservation and community engagement? :** Share - with our organization's name

## Project 38

**Project Name :** North Mountain Bike Trails near Darrington (Northwest Region)

**Project Objective :** To support and enhance public access and sustainable recreation on DNR trust lands.

**Short project description (include main point of contact and other relevant information - max. 650 words) :** In partnership with the Evergreen Mountain Bike Alliance, the Darrington community, legislative leaders, and other interested stakeholders, DNR is developing a mountain bike trail system on North Mountain, just outside the town of Darrington. In 2018, construction continued on approximately ten miles of mountain bike trails in the upper elevation area of the planned non-motorized trail system. This work follows on the previous year's work – construction of the first 4.6 miles of trails in the mountain bike skills area.

**SFI 2015-2019 Standard Objective most relevant to project :** FM Objective 5. Management of Visual Quality and Recreational Benefits

**Select state(s)/province(s) for this project :** Washington

**Project Partners (List all project partners by category. Please be as specific as possible.) :** *No answer*

**Academic Organizations :**

**Research Organizations :**

**Conservation Organizations :**

**Government Organizations :** City of Darrington, Washington State Legislature

**Community Organizations :** Evergreen Mountain Bike Alliance

**Other Organizations :**

**Estimated Project Start Date :** 2018-01-01

**Estimated Project End Date :** 2018-12-31

**Dollar amounts are in :** US Dollars (USD)

**Estimated total project cost :** over \$50,000

**Your organization contribution in 2018 :** over \$50,000

**Supporting documentation (optional) :**

**Are your organization's contribution in 2018 included in your Research Funding dollars reported above to meet SFI Standard Requirements as it relates to the research requirement in the standard :** No

**Is this project part of a 2018 SFI Conservation or Community Grant?** : No

**May SFI use this project as an example in communications to help convey the exemplary work of SFI Program Participants in the areas of conservation and community engagement?** : Share - with our organization's name

### Project 39

**Project Name** : Sadie Creek Multi-Use Trails (Olympic Region)

**Project Objective** : To support and enhance public access and sustainable recreation on DNR trust lands.

**Short project description (include main point of contact and other relevant information - max. 650 words)** : Working with WCC crews, the 4x4 volunteer groups - Strait Teq and Top Shelf Wheelers, and the DNR's maintenance and operations crew, the Recreation Program completed a variety of maintenance projects that provide a safer experience for the user while promoting environmental stewardship. Some examples include installation and maintenance of multiple culverts and 500 feet of trail hardening to reduce seasonal influx of sediment into nearby streams. Twenty water dips and bars were installed to improve drainage and reduce soil erosion, along with signs and barriers to prevent access to and development of unauthorized spur trails.

**SFI 2015-2019 Standard Objective most relevant to project** : FM Objective 5. Management of Visual Quality and Recreational Benefits

**Select state(s)/province(s) for this project** : Washington

**Project Partners (List all project partners by category. Please be as specific as possible.)** : *No answer*

**Academic Organizations** :

**Research Organizations** :

**Conservation Organizations** :

**Government Organizations** :

**Community Organizations** : Strait TEQ, Top Shelf Wheelers

**Other Organizations** :

**Estimated Project Start Date** : 2018-01-01

**Estimated Project End Date** : 2018-12-31

**Dollar amounts are in:** : US Dollars (USD)

**Estimated total project cost** : over \$50,000

**Your organization contribution in 2018** : over \$50,000

**Supporting documentation (optional)** :

**Are your organization's contribution in 2018 included in your Research Funding dollars reported above to meet SFI Standard Requirements as it relates to the research requirement in the standard** : No

**Is this project part of a 2018 SFI Conservation or Community Grant?** : No

**May SFI use this project as an example in communications to help convey the exemplary work of SFI Program Participants in the areas of conservation and community engagement?** : Share - with our organization's name

### Project 40

**Project Name** : 2018 Olympic Experimental State Forest Science Conference - Linking Science to Natural Resource Management (Forest Resources Division and Olympic Region)

**Project Objective** : Communicate the results of research and monitoring activities taking place in the OESF and their relevance to land management uncertainties faced by DNR and other land managers.

**Short project description (include main point of contact and other relevant information - max. 650 words)** : Annual event at which DNR scientists conducting research and monitoring projects in the OESF share findings on a broad range of topics. The 2018 talks included stream temperature monitoring, hydrology monitoring, passive acoustic monitoring, silviculture models, archeology models, and etnoforestry. 80 people attended the 2018 conference including local biologists and foresters, land managers, educators, environmental organizations, and the public. More than 40 conference attendees participated on a field demonstration of using drones for natural resource management. The event was video recorded and available on DNR YouTube channel.

The event was video recorded and available on DNR YouTube channel.

**SFI 2015-2019 Standard Objective most relevant to project** : FM Objective 12. Community Involvement and Landowner Outreach

**Select state(s)/province(s) for this project** : Washington

**Project Partners (List all project partners by category. Please be as specific as possible.)** : *No answer*

**Academic Organizations** : University of Washington

**Research Organizations** :

**Conservation Organizations** :

**Government Organizations** :

**Community Organizations** :

**Other Organizations** :

**Estimated Project Start Date** : 2018-01-01

**Estimated Project End Date** : 2018-04-01

**Dollar amounts are in:** : US Dollars (USD)

**Estimated total project cost** : less than \$5,000

**Your organization contribution in 2018** : less than \$5,000

**Supporting documentation (optional)** :

**Are your organization's contribution in 2018 included in your Research Funding dollars reported above to meet SFI Standard Requirements as it relates to the research requirement in the standard** : No

**Is this project part of a 2018 SFI Conservation or Community Grant?** : No

**May SFI use this project as an example in communications to help convey the exemplary work of SFI Program Participants in the areas of conservation and community engagement?** : Share - with our organization's name

#### Project 41

**Project Name** : Biennial electronic newsletter "The Learning Forest" (Forest Resources Division and Olympic Region)

**Project Objective** : Communicate new information about forest management to DNR managers and employees, other land managers in the Pacific Northwest, the research community, and the general public. Encourage collaboration with potential research partners and local land managers on research and monitoring projects and to attract financial support. Raise awareness of the OESF within DNR and demonstrate its relevance to DNR's management of state trust lands.

**Short project description (include main point of contact and other relevant information - max. 650 words)** : The newsletter is published jointly by the DNR and the University of Washington Olympic Natural Resources Center. The target audience includes the following:

- DNR staff, including land managers, foresters, biologists, and others involved in forest management of state trust lands on the Olympic Peninsula and across Washington.
- School of Environmental and Forest Sciences, College of Environment students, faculty, and staff
- Conservation groups, forest products industries, local communities, tribes, policy makers
- Other land managers on the Olympic Peninsula and throughout the Pacific Northwest
- Research partners such as the University of Washington, The Evergreen State College, and the Peninsula College
- Policy makers and elected officials

Currently, the newsletter has 150+ subscribers outside of the DNR and UW distribution channels.

Each newsletter issue includes:

- Featured scientific article highlighting a current OESF and/or ONRC research or monitoring project
- Guest article highlighting applied science being done by other organizations on the peninsula or coastal Washington
- Update on the status of major ongoing, long-term projects
- A listing of upcoming events including lectures, field trips, conferences, webinars, presentations, or other events relevant to the OESF or its research topics

**SFI 2015-2019 Standard Objective most relevant to project** : FM Objective 12. Community Involvement and Landowner Outreach

**Select state(s)/province(s) for this project** : Washington

**Project Partners (List all project partners by category. Please be as specific as possible.)** : *No answer*

**Academic Organizations** : University of Washington

**Research Organizations** :

**Conservation Organizations** :

**Government Organizations** :

**Community Organizations** :

**Other Organizations** :

**Estimated Project Start Date** : 2018-01-01

**Estimated Project End Date** : 2030-12-31

**Dollar amounts are in:** : US Dollars (USD)

**Estimated total project cost** : \$5,000 to \$20,000

**Your organization contribution in 2018** : less than \$5,000

**Supporting documentation (optional)** :

**Are your organization's contribution in 2018 included in your Research Funding dollars reported above to meet SFI Standard Requirements as it relates to the research requirement in the standard** : No

**Is this project part of a 2018 SFI Conservation or Community Grant?** : No

**May SFI use this project as an example in communications to help convey the exemplary work of SFI Program Participants in the areas of conservation and community engagement?** : Share - with our organization's name

#### Project 42

**Project Name** : Status and Trends Monitoring of Aquatic and Riparian Habitat in the OESF (Forest Resources Division and Olympic Region)

**Project Objective** : Provide empirical data to evaluate DNR's progress in meeting the HCP riparian conservation objectives and to reduce uncertainties around the integration of habitat conservation and timber production.

**Short project description (include main point of contact and other relevant information - max. 650 words)** : This long-

term monitoring project documents the changes in riparian habitat as DNR manages the watersheds sustainably, which helps assess potential cumulative impacts of DNR activities and the restoration of salmonid freshwater habitat on state lands. The project informs DNR ability to integrate revenue production and ecological values, specifically, it assesses DNR's experimental approach called "integrated management". Information on habitat quality in managed landscapes is HCP effectiveness monitoring requirement and necessary component to meet the HCP validation monitoring requirement.

The study's main hypothesis is that the riparian conservation strategy, implemented under the HCP, allows natural processes of succession and disturbance to improve habitat conditions in managed watersheds over time.

Nine aquatic and riparian indicators are sampled at the reach level at the outlet of each watershed: channel morphology, channel substrate, in-stream large wood, habitat units, stream shade, water temperature, stream discharge (monitored in 14 reaches), riparian microclimate (monitored at 10 reaches), and riparian forest vegetation. In addition to the field sampling, the watersheds are monitored remotely or through operational records for management activities (timber harvest and road construction) and natural disturbances (wind throw and landslides).

The empirical data on riparian habitat conditions on state lands managed under the HCP will be used to assess the effectiveness of the riparian conservation strategy and will be utilized in riparian validation monitoring. The analyses of ecological relationships among various stream and watershed-level monitoring data will inform DNR ability to integrate revenue production and habitat conservation, will improve models for forest land planning, and will provide basis for adaptive management.

The project is conducted in collaboration with USDA Forest Service Pacific Northwest Research Station, which provides equipment and staff time. Olympic National Forest and Olympic National Park provide reference sites. Graduate students from University of Washington and The Evergreen State College conduct field work and use data from the project's monitoring sites.

**SFI 2015-2019 Standard Objective most relevant to project :** FM Objective 3. Protection and Maintenance of Water Resources

FM Objective 10. Forestry Research, Science and Technology

**Select state(s)/province(s) for this project :** Washington

**Project Partners (List all project partners by category. Please be as specific as possible.) :** *No answer*

**Academic Organizations :** University of Washington, The Evergreen State College

**Research Organizations :** Forest Service Pacific Northwest Research Station

**Conservation Organizations :**

**Government Organizations :** US Forest Service, Olympic National Park

**Community Organizations :**

**Other Organizations :**

**Estimated Project Start Date :** 2012-08-01

**Estimated Project End Date :** 2050-12-31

**Dollar amounts are in :** US Dollars (USD)

**Estimated total project cost :** over \$50,000

**Your organization contribution in 2018 :** over \$50,000

**Supporting documentation (optional) :**

**Are your organization's contribution in 2018 included in your Research Funding dollars reported above to meet SFI Standard Requirements as it relates to the research requirement in the standard :** No

**Is this project part of a 2018 SFI Conservation or Community Grant? :** No

**May SFI use this project as an example in communications to help convey the exemplary work of SFI Program Participants in the areas of conservation and community engagement? :** Share - with our organization's name

### Project 43

**Project Name :** Riparian Validation Monitoring (Forest Resources Division and Olympic Region)

**Project Objective :** To assess cause and effect relationships between salmonids, stream habitat, and DNR forest management

**Short project description (include main point of contact and other relevant information - max. 650 words) :** This long-term monitoring project was designed to meet the department's commitment for Riparian Validation monitoring under the HCP. Specifically, it will use habitat data from the "Status and Trends Monitoring of Riparian and Aquatic Habitat" program along with salmonid monitoring to assess the impacts of current management strategies on salmonids. If effects from management strategies are detected, we will modify sampling to assess cause and effect relationships between salmonids, habitat, and management and recommend measures to reduce negative effects.

The main research questions are:

1. Are current management practices affecting stream habitat and salmonids?
2. Are past management practices continuing to affect salmonids?

3. What are the major within-basin natural drivers of salmonids, and can these drivers explain differences in habitat and salmonids?

4. Are global and regional-scale forces such as climate change, Pacific Decadal Oscillation and ocean harvest affecting salmonids?

The observational study approach is designed to be adaptive, so that information collected on habitat, salmonids, and collection methods can be used to modify and strengthen the monitoring program. Once all basins have been initially sampled and on a six-year rotation thereafter, information gained from these monitoring efforts will be used to evaluate the feasibility and likely success of experimental approach.

Expected outcomes

1. Document the status, trends, and variability of salmonid populations in the OESF.

2. Determine the best methods for defining salmonid conditions within the OESF.

3. Identify potential negative effects on salmonids from current DNR management practices and develop experimental studies to further evaluate cause and effect relationships.

4. Evaluate potential negative cause and effect relationships between current DNR management practices, riparian habitat, and salmonids, and if found, recommend changes to DNR management practices to mitigate any negative effects.

Ongoing collaboration with the WRIA 21 lead entity to provide expertise on stream and habitat conditions.

**SFI 2015-2019 Standard Objective most relevant to project** : FM Objective 3. Protection and Maintenance of Water Resources

FM Objective 10. Forestry Research, Science and Technology

**Select state(s)/province(s) for this project** : Washington

**Project Partners (List all project partners by category. Please be as specific as possible.)** : No answer

**Academic Organizations** :

**Research Organizations** :

**Conservation Organizations** :

**Government Organizations** :

**Community Organizations** : WRIA 21 lead entity

**Other Organizations** :

**Estimated Project Start Date** : 2015-01-01

**Estimated Project End Date** : 2050-12-31

**Dollar amounts are in:** : US Dollars (USD)

**Estimated total project cost** : over \$50,000

**Your organization contribution in 2018** : over \$50,000

**Supporting documentation (optional)** :

**Are your organization's contribution in 2018 included in your Research Funding dollars reported above to meet SFI Standard Requirements as it relates to the research requirement in the standard** : No

**Is this project part of a 2018 SFI Conservation or Community Grant?** : No

**May SFI use this project as an example in communications to help convey the exemplary work of SFI Program Participants in the areas of conservation and community engagement?** : Share - with our organization's name

## Project 44

**Project Name** : Large Scale Integrated Management Experiment in the (OESF(Forest Resources Division and Olympic Region)

**Project Objective** : To assess cause and effect relationships between salmonids, The study will compare the integrated management strategy of the OESF Forest Land Plan to alternative forest management strategies.

**Short project description (include main point of contact and other relevant information - max. 650 words)** : The central overarching question of the study is: Will a higher sustainable level of both ecological and community wellbeing emerge from an array of land management strategies implemented and compared across the OESF landscape?

Before-after-control-impact management experiment where three landscape management strategies and a no-action control will be compared across a 16 small fish bearing streams. The experimental watersheds with a total area of more than 20,000 ac were selected in 2017. The management strategies represent different level of integration of revenue production (primarily timber harvest) and ecological values (mainly habitat conservation). One strategy includes the level of integrated management as described in the OESF Forest Land Plan. The other two strategies include more and less integration of revenue production and ecological values than described in the forest land plan.

Series of replicated experimental treatments in upland and riparian areas will be organized as timber sales, prepared and administered by Olympic Region. Ecological, economic, social, and operational feasibility responses to experimental treatments will be monitored over the long term using field and remote sensing data. Reducing uncertainties of largely untested integrated management approaches will provide basis for adaptive management. Broad stakeholder's involvement is expected to build trust improve public perception of DNR activities.

The project is led by researchers from DNR and University of Washington. DNR and UW developed the study proposal in

2016 with input from a diverse group of stakeholders. Researchers from the University of Washington, US Forest Service Pacific Northwest Research Station, NOAA Fisheries, DNR, and other organizations are collaborating to develop a study plan which is expected to be submitted for peer review in 2019.

**SFI 2015-2019 Standard Objective most relevant to project :** FM Objective 10. Forestry Research, Science and Technology

**Select state(s)/province(s) for this project :** Washington

**Project Partners (List all project partners by category. Please be as specific as possible.) :** *No answer*

**Academic Organizations :** University of Washington

**Research Organizations :**

**Conservation Organizations :**

**Government Organizations :**

**Community Organizations :**

**Other Organizations :**

**Estimated Project Start Date :** 2016-01-01

**Estimated Project End Date :** 2028-12-31

**Dollar amounts are in :** US Dollars (USD)

**Estimated total project cost :** \$5,000 to \$20,000

**Your organization contribution in 2018 :** less than \$5,000

**Supporting documentation (optional) :**

**Are your organization's contribution in 2018 included in your Research Funding dollars reported above to meet SFI Standard Requirements as it relates to the research requirement in the standard :** No

**Is this project part of a 2018 SFI Conservation or Community Grant? :** No

**May SFI use this project as an example in communications to help convey the exemplary work of SFI Program Participants in the areas of conservation and community engagement? :** Share - with our organization's name

#### Project 45

**Project Name :** Hardwood Silviculture Cooperative (Forest Resource Div.)

**Project Objective :** Advance scientific understand of hardwood growth, yield, and forest management strategies.

**Short project description (include main point of contact and other relevant information - max. 650 words) :**

Cooperative members help to fund and guide research pertaining to the management, modeling, growth, and yield of hardwood species, primarily red alder, in the Pacific Northwest. Industry and agency organizations collaborate with Oregon State University faculty, staff, and students to complete installation and measurement of research sites in Oregon and Washington.

**SFI 2015-2019 Standard Objective most relevant to project :** FM Objective 10. Forestry Research, Science and Technology

**Select state(s)/province(s) for this project :** Oregon

Washington

**Project Partners (List all project partners by category. Please be as specific as possible.) :** *No answer*

**Academic Organizations :** Oregon State University

**Research Organizations :** Hardwood Silviculture Cooperative

**Conservation Organizations :**

**Government Organizations :** B.C. Ministry of Forests, Bureau of Land Management, Oregon State Department of Forestry, Siuslaw National Forest, WA Department of Natural Resources

**Community Organizations :**

**Other Organizations :**

**Estimated Project Start Date :** 2012-01-01

**Estimated Project End Date :** 2050-12-31

**Dollar amounts are in :** US Dollars (USD)

**Estimated total project cost :** over \$50,000

**Your organization contribution in 2018 :** \$5,000 to \$20,000

**Supporting documentation (optional) :**

**Are your organization's contribution in 2018 included in your Research Funding dollars reported above to meet SFI Standard Requirements as it relates to the research requirement in the standard :** No

**Is this project part of a 2018 SFI Conservation or Community Grant? :** No

**May SFI use this project as an example in communications to help convey the exemplary work of SFI Program Participants in the areas of conservation and community engagement? :** Share - with our organization's name

#### Project 46

**Project Name :** Red Alder Plant Growth Regulator Research

**Project Objective :** Investigate the tree physiology of traditional plug+1/2 and plant growth regulator applied P-15 Red Alder seedlings to better understand drought tolerance.

**Short project description (include main point of contact and other relevant information - max. 650 words) :** DNR State



Lands and the DNR Webster Forest Nursery have partnered with University of Washington's Pack Forest to investigate the physiological effects of plant growth regulators on red alder seedlings. DNR grew the test seedlings at the Webster Forest Nursery which will be planted at research sites on DNR managed land as well as Pack Forest. UW will collect data on plant physiology to help guide stock type development for drought resistance.

**SFI 2015-2019 Standard Objective most relevant to project :** FM Objective 2. Forest Health and Productivity  
FM Objective 10. Forestry Research, Science and Technology

**Select state(s)/province(s) for this project :** Washington

**Project Partners (List all project partners by category. Please be as specific as possible.) :** *No answer*

**Academic Organizations :** University of Washington

**Research Organizations :** Pack Forest

**Conservation Organizations :**

**Government Organizations :**

**Community Organizations :**

**Other Organizations :**

**Estimated Project Start Date :** 2017-09-10

**Estimated Project End Date :** 2050-12-31

**Dollar amounts are in:** : US Dollars (USD)

**Estimated total project cost :** less than \$5,000

**Your organization contribution in 2018 :** less than \$5,000

**Supporting documentation (optional) :**

**Are your organization's contribution in 2018 included in your Research Funding dollars reported above to meet SFI Standard Requirements as it relates to the research requirement in the standard :** No

**Is this project part of a 2018 SFI Conservation or Community Grant? :** No

**May SFI use this project as an example in communications to help convey the exemplary work of SFI Program**

**Participants in the areas of conservation and community engagement? :** Share - with our organization's name

#### Project 47

**Project Name :** Climate Change and Connectivity Review of Site Designs for Established Natural Areas with Federally Listed Plant Species (CRT)

**Project Objective :** Measure hydrology at three Natural Areas supporting federally-listed plant species to aid in assessing site design relative to predicted climate change affects.

**Short project description (include main point of contact and other relevant information - max. 650 words) :** Three natural areas managed by the Washington State Department of Natural Resources have populations of federally listed plant species (*Howellia aquatilis*, *Sidalcea oregana* var. *calva*, and *Lomatium bradshawii*) that occur in wetland habitats. The natural areas include Camas Meadows Natural Area Preserve (NAP) in Chelan County, the Lacamas Prairie NAP in Clark County, and Dishman Hills Natural Resources Conservation Area in Spokane County. The natural area boundaries were established without specific consideration of climate change. This project will provide hydrologic data to use in assessing the adequacy of the current boundary of each natural area in light of projected climate change. The outcomes of this project will include revised/updated site designs for the natural areas involved and better-informed management recommendations. The project is designed to improve the likelihood that the species will remain viable at these sites and to protect the investment that the state has already made to provide protection for these species.

Dataloggers have been installed at the three natural areas to record water levels throughout the hydrologic season (fall-spring). The wetland habitats at each of these sites are seasonal and the listed plant species are closely associated with these habitats. The data will help refine our understanding of the hydrology of these species' habitats and how climate change may influence them. This will also establish a baseline for long-term hydrologic monitoring at the sites.

**SFI 2015-2019 Standard Objective most relevant to project :** FM Objective 4. Conservation of Biological Diversity  
FM Objective 6. Protection of Special Sites

**Select state(s)/province(s) for this project :** Washington

**Project Partners (List all project partners by category. Please be as specific as possible.) :** *No answer*

**Academic Organizations :**

**Research Organizations :**

**Conservation Organizations :**

**Government Organizations :** USFWS

**Community Organizations :**

**Other Organizations :**

**Estimated Project Start Date :** 2017-10-01

**Estimated Project End Date :** 2019-12-31

**Dollar amounts are in:** : US Dollars (USD)

**Estimated total project cost :** \$5,000 to \$20,000

**Your organization contribution in 2018 :** less than \$5,000

**Supporting documentation (optional) :**

**Are your organization's contribution in 2018 included in your Research Funding dollars reported above to meet SFI Standard Requirements as it relates to the research requirement in the standard :** No

**Is this project part of a 2018 SFI Conservation or Community Grant? :** No

**May SFI use this project as an example in communications to help convey the exemplary work of SFI Program Participants in the areas of conservation and community engagement? :** Share - with our organization's name

**Project 48**

**Project Name :** San Juan Islands Prairie Bald Assessment and Restoration

**Project Objective :** Assess the ecological integrity of prairies and balds on natural areas within Samish tribe traditional territory and use this to develop and implement restoration actions.

**Short project description (include main point of contact and other relevant information - max. 650 words) :** The Washington Department of Natural Resources (Washington DNR) Natural Areas Program and the Samish Indian Nation Department of Natural Resources (Samish DNR) are partnering to assess and restore the ecological integrity of prairies and balds in Samish traditional territory. The Washington DNR is invested in protecting native ecosystems for rare or endangered plants and ecological communities under its Natural Areas Program. Washington DNR-managed natural areas involved in this project include Cypress Island NRCA/NAP and Cattle Point NRCA on San Juan Island. Assessments were conducted at these sites in 2016-2017 using the Ecological Integrity Assessment (EIA) framework developed by NatureServe and the Natural Heritage Network. This information was then used to develop recommendations and strategies for preservation and restoration of prairie bald habitats for cultural and ecological conservation. In 2018, restoration actions were initiated at Cypress Island to reverse conifer encroachment into grassland balds and restore native grassland species on 5 acres of bald habitat.

**SFI 2015-2019 Standard Objective most relevant to project :** FM Objective 4. Conservation of Biological Diversity  
FM Objective 6. Protection of Special Sites

**Select state(s)/province(s) for this project :** Washington

**Project Partners (List all project partners by category. Please be as specific as possible.) :** *No answer*

**Academic Organizations :**

**Research Organizations :**

**Conservation Organizations :**

**Government Organizations :** Samish Indian Nation Department of Natural Resources

**Community Organizations :**

**Other Organizations :**

**Estimated Project Start Date :** 2016-04-01

**Estimated Project End Date :** 2022-12-31

**Dollar amounts are in: :** US Dollars (USD)

**Estimated total project cost :** \$5,000 to \$20,000

**Your organization contribution in 2018 :** \$5,000 to \$20,000

**Supporting documentation (optional) :**

**Are your organization's contribution in 2018 included in your Research Funding dollars reported above to meet SFI Standard Requirements as it relates to the research requirement in the standard :** No

**Is this project part of a 2018 SFI Conservation or Community Grant? :** No

**May SFI use this project as an example in communications to help convey the exemplary work of SFI Program Participants in the areas of conservation and community engagement? :** Share - with our organization's name

**Project 49**

**Project Name :** Land Use License #60-WS0754 (South Puget Sound Region)

**Project Objective :** To conduct educational geologic tours

**Short project description (include main point of contact and other relevant information - max. 650 words) :** Ongoing program on Tiger Mountain to take grade school field trips, adult trips, Parks Departments, Scouts, and children's birthday parties on tours to rock pits and other significant areas of interest to look for minerals.

**SFI 2015-2019 Standard Objective most relevant to project :** FM Objective 12. Community Involvement and Landowner Outreach

**Select state(s)/province(s) for this project :** Washington

**Project Partners (List all project partners by category. Please be as specific as possible.) :** *No answer*

**Academic Organizations :**

**Research Organizations :**

**Conservation Organizations :**

**Government Organizations :**

**Community Organizations :**

**Other Organizations :** Geology Adventures

**Estimated Project Start Date :** 2015-04-01

**Estimated Project End Date :** 2020-03-31

**Dollar amounts are in:** : US Dollars (USD)

**Estimated total project cost:** : less than \$5,000

**Your organization contribution in 2018:** : less than \$5,000

**Supporting documentation (optional):**

**Are your organization's contribution in 2018 included in your Research Funding dollars reported above to meet SFI Standard Requirements as it relates to the research requirement in the standard:** : No

**Is this project part of a 2018 SFI Conservation or Community Grant?:** : No

**May SFI use this project as an example in communications to help convey the exemplary work of SFI Program Participants in the areas of conservation and community engagement?:** : Share - with our organization's name

### Project 50

**Project Name:** : Land Use License #60-WS0738 (South Puget Sound Region)

**Project Objective:** : Improve elk habitat

**Short project description (include main point of contact and other relevant information - max. 650 words):** : To create forest edge openings and remove downed trees to enhance wildlife mobility and foraging on DNR property east of North Bend.

**SFI 2015-2019 Standard Objective most relevant to project:** : FM Objective 4. Conservation of Biological Diversity

**Select state(s)/province(s) for this project:** : Washington

**Project Partners (List all project partners by category. Please be as specific as possible.):** : *No answer*

**Academic Organizations:**

**Research Organizations:**

**Conservation Organizations:** : Upper Snoqualmie Elk Management Group

**Government Organizations:**

**Community Organizations:**

**Other Organizations:**

**Estimated Project Start Date:** : 2015-01-16

**Estimated Project End Date:** : 2020-01-15

**Dollar amounts are in:** : US Dollars (USD)

**Estimated total project cost:** : less than \$5,000

**Your organization contribution in 2018:** : less than \$5,000

**Supporting documentation (optional):**

**Are your organization's contribution in 2018 included in your Research Funding dollars reported above to meet SFI Standard Requirements as it relates to the research requirement in the standard:** : No

**Is this project part of a 2018 SFI Conservation or Community Grant?:** : No

**May SFI use this project as an example in communications to help convey the exemplary work of SFI Program Participants in the areas of conservation and community engagement?:** : Share - with our organization's name

### Project 51

**Project Name:** : Land Use License #60-WS0736 (South Puget Sound Region)

**Project Objective:** : Conduct research on elk groups

**Short project description (include main point of contact and other relevant information - max. 650 words):** : To conduct research on elk groups through a combination of volunteers and staff via ground access for the purpose of monitoring the distribution and evaluating the apparent prevalence of treponeme-associated hoof disease.

**SFI 2015-2019 Standard Objective most relevant to project:** : FM Objective 4. Conservation of Biological Diversity

**Select state(s)/province(s) for this project:** : Washington

**Project Partners (List all project partners by category. Please be as specific as possible.):** : *No answer*

**Academic Organizations:**

**Research Organizations:**

**Conservation Organizations:**

**Government Organizations:** : WA Department of Fish and Wildlife

**Community Organizations:**

**Other Organizations:**

**Estimated Project Start Date:** : 2015-03-01

**Estimated Project End Date:** : 2019-06-30

**Dollar amounts are in:** : US Dollars (USD)

**Estimated total project cost:** : less than \$5,000

**Your organization contribution in 2018:** : less than \$5,000

**Supporting documentation (optional):**

**Are your organization's contribution in 2018 included in your Research Funding dollars reported above to meet SFI Standard Requirements as it relates to the research requirement in the standard:** : No

**Is this project part of a 2018 SFI Conservation or Community Grant?:** : No

**May SFI use this project as an example in communications to help convey the exemplary work of SFI Program**

**Participants in the areas of conservation and community engagement?** : Share - with our organization's name

### Project 52

**Project Name** : Land Use License #60-093386 (South Puget Sound, Olympic, Pacific Cascade, Northwest, Northeast and Southeast Regions)

**Project Objective** : Conduct research on gray wolves

**Short project description (include main point of contact and other relevant information - max. 650 words)** : The study and management of gray wolves consistent with the Gray Wolf Conservation and Management Plan for Washington. Wolves will be tranquilized using tranquilizer darts shot from helicopters or captured via live capture traps, fit with radio collars and released. Survival/statistics will be monitored via radio signals.

**SFI 2015-2019 Standard Objective most relevant to project** : FM Objective 4. Conservation of Biological Diversity

**Select state(s)/province(s) for this project** : Washington

**Project Partners (List all project partners by category. Please be as specific as possible.)** : *No answer*

**Academic Organizations** :

**Research Organizations** :

**Conservation Organizations** :

**Government Organizations** : WDFW

**Community Organizations** :

**Other Organizations** :

**Estimated Project Start Date** : 2015-01-01

**Estimated Project End Date** : 2019-12-31

**Dollar amounts are in:** : US Dollars (USD)

**Estimated total project cost** : less than \$5,000

**Your organization contribution in 2018** : less than \$5,000

**Supporting documentation (optional)** :

**Are your organization's contribution in 2018 included in your Research Funding dollars reported above to meet SFI Standard Requirements as it relates to the research requirement in the standard** : No

**Is this project part of a 2018 SFI Conservation or Community Grant?** : No

**May SFI use this project as an example in communications to help convey the exemplary work of SFI Program**

**Participants in the areas of conservation and community engagement?** : Share - with our organization's name

### Project 53

**Project Name** : Interagency Agreement #IAA-10-381 (South Puget Sound Region)

**Project Objective** : To maintain this working forest and a clean water supply.

**Short project description (include main point of contact and other relevant information - max. 650 words)** : To provide continued cooperation to ensure production of high quality water from the Green River Watershed and support the land management objectives of the Watershed landowners.

**SFI 2015-2019 Standard Objective most relevant to project** : FM Objective 3. Protection and Maintenance of Water Resources

**Select state(s)/province(s) for this project** : Washington

**Project Partners (List all project partners by category. Please be as specific as possible.)** : *No answer*

**Academic Organizations** :

**Research Organizations** :

**Conservation Organizations** :

**Government Organizations** : City of Tacoma

**Community Organizations** :

**Other Organizations** :

**Estimated Project Start Date** : 2011-02-01

**Estimated Project End Date** : 2020-06-30

**Dollar amounts are in:** : US Dollars (USD)

**Estimated total project cost** : less than \$5,000

**Your organization contribution in 2018** : less than \$5,000

**Supporting documentation (optional)** :

**Are your organization's contribution in 2018 included in your Research Funding dollars reported above to meet SFI Standard Requirements as it relates to the research requirement in the standard** : No

**Is this project part of a 2018 SFI Conservation or Community Grant?** : No

**May SFI use this project as an example in communications to help convey the exemplary work of SFI Program**

**Participants in the areas of conservation and community engagement?** : Share - with our organization's name

### Project 54

**Project Name** : Biosolid application effectiveness (SPS Region)

**Project Objective** : Determine effects of biosolids on Douglas-fir plantations to determine appropriate rates that maximize

productivity.

**Short project description (include main point of contact and other relevant information - max. 650 words) :** Use different application rates of biosolids on Douglas-fir plantations to determine appropriate rates that maximize productivity.

**SFI 2015-2019 Standard Objective most relevant to project :** FM Objective 2. Forest Health and Productivity  
FM Objective 10. Forestry Research, Science and Technology

**Select state(s)/province(s) for this project :** Washington

**Project Partners (List all project partners by category. Please be as specific as possible.) :** *No answer*

**Academic Organizations :** University of Washington

**Research Organizations :**

**Conservation Organizations :**

**Government Organizations :** King County Metro

**Community Organizations :**

**Other Organizations :**

**Estimated Project Start Date :** 1985-01-01

**Estimated Project End Date :** 2050-12-31

**Dollar amounts are in :** US Dollars (USD)

**Estimated total project cost :** less than \$5,000

**Your organization contribution in 2018 :** less than \$5,000

**Supporting documentation (optional) :**

**Are your organization's contribution in 2018 included in your Research Funding dollars reported above to meet SFI Standard Requirements as it relates to the research requirement in the standard :** No

**Is this project part of a 2018 SFI Conservation or Community Grant? :** No

**May SFI use this project as an example in communications to help convey the exemplary work of SFI Program Participants in the areas of conservation and community engagement? :** Share - with our organization's name

### Project 55

**Project Name :** Fire History Study (SPS Region)

**Project Objective :** Determine fire history of the Marckworth State Forest

**Short project description (include main point of contact and other relevant information - max. 650 words) :** Use pollen spores recovered from sediment samples taken from wetlands to identify plant species and determine plant community changes over centuries. This data will allow researchers to develop a chronological fire history of the area.

**SFI 2015-2019 Standard Objective most relevant to project :** FM Objective 10. Forestry Research, Science and Technology

**Select state(s)/province(s) for this project :** Washington

**Project Partners (List all project partners by category. Please be as specific as possible.) :** *No answer*

**Academic Organizations :** University of Montana

**Research Organizations :**

**Conservation Organizations :**

**Government Organizations :**

**Community Organizations :**

**Other Organizations :**

**Estimated Project Start Date :** 2005-01-01

**Estimated Project End Date :** 2050-12-31

**Dollar amounts are in :** US Dollars (USD)

**Estimated total project cost :** less than \$5,000

**Your organization contribution in 2018 :** less than \$5,000

**Supporting documentation (optional) :**

**Are your organization's contribution in 2018 included in your Research Funding dollars reported above to meet SFI Standard Requirements as it relates to the research requirement in the standard :** No

**Is this project part of a 2018 SFI Conservation or Community Grant? :** No

**May SFI use this project as an example in communications to help convey the exemplary work of SFI Program Participants in the areas of conservation and community engagement? :** Share - with our organization's name

### Project 56

**Project Name :** Large Carnivore Study (SPS Region)

**Project Objective :** Learn how human density affects carnivore movements.

**Short project description (include main point of contact and other relevant information - max. 650 words) :** Game cameras were set up in different areas with varying distances from populated areas. Cameras monitored monthly for 2 years.

**SFI 2015-2019 Standard Objective most relevant to project :** FM Objective 4. Conservation of Biological Diversity

**Select state(s)/province(s) for this project :** Washington

**Project Partners (List all project partners by category. Please be as specific as possible.) :** *No answer*

**Academic Organizations :** University of Washington

**Research Organizations :****Conservation Organizations :****Government Organizations :****Community Organizations :****Other Organizations :****Estimated Project Start Date :** 2016-03-01**Estimated Project End Date :** 2018-03-31**Dollar amounts are in:** : US Dollars (USD)**Estimated total project cost :** less than \$5,000**Your organization contribution in 2018 :** less than \$5,000**Supporting documentation (optional) :****Are your organization's contribution in 2018 included in your Research Funding dollars reported above to meet SFI Standard Requirements as it relates to the research requirement in the standard :** No**Is this project part of a 2018 SFI Conservation or Community Grant? :** No**May SFI use this project as an example in communications to help convey the exemplary work of SFI Program****Participants in the areas of conservation and community engagement? :** Share - with our organization's name**Project 57****Project Name :** Green River College capstone project (SPS Region)**Project Objective :** Forest Management projects to achieve student's capstone class requirements for 4-year BAS Natural Resources degree.**Short project description (include main point of contact and other relevant information - max. 650 words) :** Students select type of project, plan how to achieve project and present completed project to DNR and GRC staff. Works with DNR staff minimally to obtain direction and expectations. Approximately 200 hours for completed project.**SFI 2015-2019 Standard Objective most relevant to project :** FM Objective 12. Community Involvement and Landowner Outreach**Select state(s)/province(s) for this project :** Washington**Project Partners (List all project partners by category. Please be as specific as possible.) :** *No answer***Academic Organizations :** Green River College, Grays Harbor College**Research Organizations :****Conservation Organizations :****Government Organizations :****Community Organizations :****Other Organizations :****Estimated Project Start Date :** 2014-01-01**Estimated Project End Date :** 2050-12-31**Dollar amounts are in:** : US Dollars (USD)**Estimated total project cost :** less than \$5,000**Your organization contribution in 2018 :** less than \$5,000**Supporting documentation (optional) :****Are your organization's contribution in 2018 included in your Research Funding dollars reported above to meet SFI Standard Requirements as it relates to the research requirement in the standard :** No**Is this project part of a 2018 SFI Conservation or Community Grant? :** No**May SFI use this project as an example in communications to help convey the exemplary work of SFI Program****Participants in the areas of conservation and community engagement? :** Share - with our organization's name**Project 58****Project Name :** Forest Internship program (SPS Region)**Project Objective :** To provide students from local colleges with accredited Natural Resource programs a program to develop relevant industry skills and gain experience.**Short project description (include main point of contact and other relevant information - max. 650 words) :** Natural Resource program students at Green River or Grays Harbor College will with DNR foresters, engineers, cruisers, wildlife biologist and recreation staff develop to develop skills and knowledge as it relates to management of State Trust Lands in the Timber Sales and Public Use programs in the DNR South Puget Sound Region.**SFI 2015-2019 Standard Objective most relevant to project :** FM Objective 12. Community Involvement and Landowner Outreach**Select state(s)/province(s) for this project :** Washington**Project Partners (List all project partners by category. Please be as specific as possible.) :** *No answer***Academic Organizations :** Green River College, Grays Harbor College**Research Organizations :****Conservation Organizations :****Government Organizations :**

**Community Organizations :****Other Organizations :**

Estimated Project Start Date : 2014-01-01

Estimated Project End Date : 2050-12-31

Dollar amounts are in: : US Dollars (USD)

Estimated total project cost : \$5,000 to \$20,000

Your organization contribution in 2018 : \$5,000 to \$20,000

**Supporting documentation (optional) :**

**Are your organization's contribution in 2018 included in your Research Funding dollars reported above to meet SFI Standard Requirements as it relates to the research requirement in the standard :** No

**Is this project part of a 2018 SFI Conservation or Community Grant? :** No

**May SFI use this project as an example in communications to help convey the exemplary work of SFI Program Participants in the areas of conservation and community engagement? :** Share - with our organization's name

**Project 59**

**Project Name :** Cooperative Agreement #16-431 (South Puget Sound Region)

**Project Objective :** Enhance multiple uses of public lands by assisting with conceptual and detailed non-motorized trail system planning efforts within Green Mountain State Forest.

**Short project description (include main point of contact and other relevant information - max. 650 words) :** The purpose of this project is to implement a grant-funded agreement with the Recreation and Conservation Office by partnering with EMBA to assist DNR with both conceptual and detailed non-motorized trail system planning efforts within Green Mountain. The Tahuya-Green Recreation Plan, completed December 2013, identified the primary management objective for Green Mountain as "providing non-motorized recreation". EBMA will assist DNR with both concept trail system planning and 5 miles of trail design in the "Non-Motorized/Dispersed Zone", and will provide input on designing 7 miles of new trail opportunities within the primary management objective "Motorized/Non-Motorized Zone". Additional mountain biking trail opportunities will be focused within the eastern part of the forest.

**SFI 2015-2019 Standard Objective most relevant to project :** FM Objective 5. Management of Visual Quality and Recreational Benefits

**Select state(s)/province(s) for this project :** Washington

**Project Partners (List all project partners by category. Please be as specific as possible.) :** No answer

**Academic Organizations :****Research Organizations :****Conservation Organizations :****Government Organizations :**

**Community Organizations :** Evergreen Mountain Bike Alliance

**Other Organizations :**

Estimated Project Start Date : 2016-07-15

Estimated Project End Date : 2018-10-01

Dollar amounts are in: : US Dollars (USD)

Estimated total project cost : \$5,000 to \$20,000

Your organization contribution in 2018 : \$5,000 to \$20,000

**Supporting documentation (optional) :**

**Are your organization's contribution in 2018 included in your Research Funding dollars reported above to meet SFI Standard Requirements as it relates to the research requirement in the standard :** No

**Is this project part of a 2018 SFI Conservation or Community Grant? :** No

**May SFI use this project as an example in communications to help convey the exemplary work of SFI Program Participants in the areas of conservation and community engagement? :** Share - with our organization's name

**Project 60**

**Project Name :** Land Use License #60-WS0817 (South Puget Sound Region)

**Project Objective :** Measure ground water levels

**Short project description (include main point of contact and other relevant information - max. 650 words) :** To install and operate a monitoring station at an existing well site to continually measure ground water levels. USGS will install, use, and maintain one stream gauging station, one GPS receiver mounted to the station, and one maximum 12-foot tall mast on which a solar panel and GPS antenna will be mounted.

**SFI 2015-2019 Standard Objective most relevant to project :** FM Objective 10. Forestry Research, Science and Technology

**Select state(s)/province(s) for this project :** Washington

**Project Partners (List all project partners by category. Please be as specific as possible.) :** No answer

**Academic Organizations :****Research Organizations :****Conservation Organizations :**

**Government Organizations :** U.S. Department of the Interior U.S. Geological Survey (USGS)

**Community Organizations :**

**Other Organizations :**

**Estimated Project Start Date :** 2016-05-01

**Estimated Project End Date :** 2021-04-30

**Dollar amounts are in: :** US Dollars (USD)

**Estimated total project cost :** \$5,000 to \$20,000

**Your organization contribution in 2018 :** less than \$5,000

**Supporting documentation (optional) :**

**Are your organization's contribution in 2018 included in your Research Funding dollars reported above to meet SFI Standard Requirements as it relates to the research requirement in the standard :** No

**Is this project part of a 2018 SFI Conservation or Community Grant? :** No

**May SFI use this project as an example in communications to help convey the exemplary work of SFI Program**

**Participants in the areas of conservation and community engagement? :** Share - with our organization's name

### Project 61

**Project Name :** Land Use License #60-WS0830 (South Puget Sound Region)

**Project Objective :** Operation and maintenance of an existing rain gauge and apparatus

**Short project description (include main point of contact and other relevant information - max. 650 words) :** Operation and maintenance of equipment installed in 2012 under a Pacific Cascade Region issued License at the Cedar Creek Corrections Facility. This includes a single metal pole, less than 20 feet exposed and set 4 feet deep in concrete, with a rain gauge, antenna, solar panel, and locked instrument box mounted on the pole.

**SFI 2015-2019 Standard Objective most relevant to project :** FM Objective 2. Forest Health and Productivity

**Select state(s)/province(s) for this project :** Washington

**Project Partners (List all project partners by category. Please be as specific as possible.) :** No answer

**Academic Organizations :**

**Research Organizations :**

**Conservation Organizations :**

**Government Organizations :**

**Community Organizations :**

**Other Organizations :** West Consultants, Inc.

**Estimated Project Start Date :** 2016-07-01

**Estimated Project End Date :** 2020-12-31

**Dollar amounts are in: :** US Dollars (USD)

**Estimated total project cost :** less than \$5,000

**Your organization contribution in 2018 :** less than \$5,000

**Supporting documentation (optional) :**

**Are your organization's contribution in 2018 included in your Research Funding dollars reported above to meet SFI Standard Requirements as it relates to the research requirement in the standard :** No

**Is this project part of a 2018 SFI Conservation or Community Grant? :** No

**May SFI use this project as an example in communications to help convey the exemplary work of SFI Program**

**Participants in the areas of conservation and community engagement? :** Share - with our organization's name

### Project 62

**Project Name :** Land Use License #60-WS0830 (South Puget Sound Region)

**Project Objective :** Operation and maintenance of an existing rain gauge and apparatus

**Short project description (include main point of contact and other relevant information - max. 650 words) :** Operation and maintenance of equipment installed in 2012 under a Pacific Cascade Region issued License at the Cedar Creek Corrections Facility. This includes a single metal pole, less than 20 feet exposed and set 4 feet deep in concrete, with a rain gauge, antenna, solar panel, and locked instrument box mounted on the pole.

**SFI 2015-2019 Standard Objective most relevant to project :** FM Objective 2. Forest Health and Productivity

**Select state(s)/province(s) for this project :** Washington

**Project Partners (List all project partners by category. Please be as specific as possible.) :** No answer

**Academic Organizations :**

**Research Organizations :**

**Conservation Organizations :**

**Government Organizations :**

**Community Organizations :**

**Other Organizations :** West Consultants, Inc.

**Estimated Project Start Date :** 2016-07-01

**Estimated Project End Date :** 2020-12-31

**Dollar amounts are in: :** US Dollars (USD)



**Estimated total project cost** : less than \$5,000

**Your organization contribution in 2018** : less than \$5,000

**Supporting documentation (optional)** :

**Are your organization's contribution in 2018 included in your Research Funding dollars reported above to meet SFI Standard Requirements as it relates to the research requirement in the standard** : No

**Is this project part of a 2018 SFI Conservation or Community Grant?** : No

**May SFI use this project as an example in communications to help convey the exemplary work of SFI Program Participants in the areas of conservation and community engagement?** : Share - with our organization's name

### Project 63

**Project Name** : Land Use License #60-093901 (Olympic, South Puget Sound, Pacific Cascade, Northwest, Northeast, and Southeast Regions)

**Project Objective** : Collect data for the USFS Forest Inventory and Analysis (FIA) Program, Phase 2 and Phase 3 Monitoring.

**Short project description (include main point of contact and other relevant information - max. 650 words)** : A

statewide blanket long-term license has been issued for this annual program which conducts ongoing forest inventory work using 2-3 person field crews who visit established inventory plots. Data collected includes status and trends in forest area and location; species, size and health of trees; total tree growth, mortality and removals in harvest; wood production and utilization rates by various products; forest land ownership; understory vegetation, downed woody materials, and water proximity.

**SFI 2015-2019 Standard Objective most relevant to project** : FM Objective 10. Forestry Research, Science and Technology

**Select state(s)/province(s) for this project** : Washington

**Project Partners (List all project partners by category. Please be as specific as possible.)** : *No answer*

**Academic Organizations** :

**Research Organizations** :

**Conservation Organizations** :

**Government Organizations** : U.S. Forest Service-Pacific Northwest Research Station

**Community Organizations** :

**Other Organizations** :

**Estimated Project Start Date** : 2016-04-01

**Estimated Project End Date** : 2021-03-31

**Dollar amounts are in:** : US Dollars (USD)

**Estimated total project cost** : \$5,000 to \$20,000

**Your organization contribution in 2018** : less than \$5,000

**Supporting documentation (optional)** :

**Are your organization's contribution in 2018 included in your Research Funding dollars reported above to meet SFI Standard Requirements as it relates to the research requirement in the standard** : No

**Is this project part of a 2018 SFI Conservation or Community Grant?** : No

**May SFI use this project as an example in communications to help convey the exemplary work of SFI Program Participants in the areas of conservation and community engagement?** : Share - with our organization's name

### Project 64

**Project Name** : Cooperative Agreement #93-096372 (South Puget Sound Region)

**Project Objective** : Provide sustainable access to the Pratt River Bar, located on the Middle Fork Snoqualmie River in the USFS-managed Mount Baker Snoqualmie National Forest.

**Short project description (include main point of contact and other relevant information - max. 650 words)** : The Pratt River Bar (currently a gravel beach located at the confluence of the Pratt and Middle Fork Snoqualmie Rivers) provides an excellent picnicking, fishing, and swimming spot with views of both rivers. Access to the bar currently is by foot through a small streambed. A pedestrian bridge will be constructed to improve public access and protect the stream from environmental degradation. This project is funded through an interagency agreement between DNR, Federal Highway Administration, and USFS.

**SFI 2015-2019 Standard Objective most relevant to project** : FM Objective 3. Protection and Maintenance of Water Resources

FM Objective 5. Management of Visual Quality and Recreational Benefits

**Select state(s)/province(s) for this project** : Washington

**Project Partners (List all project partners by category. Please be as specific as possible.)** : *No answer*

**Academic Organizations** :

**Research Organizations** :

**Conservation Organizations** : Mountains to Sound Greenway Trust

**Government Organizations** :

**Community Organizations** :

**Other Organizations** :

**Estimated Project Start Date** : 2017-10-02**Estimated Project End Date** : 2018-03-31**Dollar amounts are in:** : US Dollars (USD)**Estimated total project cost** : over \$50,000**Your organization contribution in 2018** : over \$50,000**Supporting documentation (optional)** :**Are your organization's contribution in 2018 included in your Research Funding dollars reported above to meet SFI Standard Requirements as it relates to the research requirement in the standard** : No**Is this project part of a 2018 SFI Conservation or Community Grant?** : No**May SFI use this project as an example in communications to help convey the exemplary work of SFI Program Participants in the areas of conservation and community engagement?** : Share - with our organization's name**Project 65****Project Name** : Grays Harbor College Natural Resource Advisory Committee (South Puget Sound Region)**Project Objective** : Represent DNR for the Forestry program at Grays Harbor College.**Short project description (include main point of contact and other relevant information - max. 650 words)** : 1. The Black Hills District Manager serves on the Advisory Committee for the Forestry program at Grays Harbor College. Specific responsibilities include:

- Attend bi-annual meetings
- help improve the Forestry program by generating new ideas, making suggestions and promoting constructive and necessary change in the program
- study the problem under consideration and help to reach a consensus for appropriate action
- provide advice, opinions, time and energy on planning, development and evaluation of the program and to improve the instructional efforts
- communicate/provide expertise for specific needs from employers regarding skills and competencies needed by job applicants (for example: in harvesting and transportation design to be built into the coursework)
- guide the program so the students acquire the knowledge, skills and attitudes necessary to enter the workforce
- identify and validate academic and occupational competencies
- recommend new technologies to include in the program
- facilitate student job shadowing, internships or cooperative work experiences; conduct interviews for various internship opportunities
- increase community awareness of professional-technical education
- help with student recruitment and job placement
- provide back-to-industry opportunities for instructors
- determine effectiveness of the program
- advocate for a quality education

2. Benefits include:

- The education and training process will become more effective
- The program will reflect current job needs with a focus on specific skills, competencies and attitudes
- Students will have the types and level of skill that employers need
- Create a smoother transition for students from school to work
- The employment community will have a trained workforce that will help build economic stability
- Students will be adequately prepared for the job and therefore enhance the school's reputation
- The college will receive increased community support

**SFI 2015-2019 Standard Objective most relevant to project** : FM Objective 12. Community Involvement and Landowner Outreach**Select state(s)/province(s) for this project** : Washington**Project Partners (List all project partners by category. Please be as specific as possible.)** : No answer**Academic Organizations** : Grays Harbor College**Research Organizations** :**Conservation Organizations** :**Government Organizations** :**Community Organizations** :**Other Organizations** :**Estimated Project Start Date** : 2008-01-01**Estimated Project End Date** : 2050-12-31**Dollar amounts are in:** : US Dollars (USD)**Estimated total project cost** : Select estimated project cost**Your organization contribution in 2018** : Select organization contribution**Supporting documentation (optional)** :**Are your organization's contribution in 2018 included in your Research Funding dollars reported above to meet SFI**

**Standard Requirements as it relates to the research requirement in the standard** : No

**Is this project part of a 2018 SFI Conservation or Community Grant?** : No

**May SFI use this project as an example in communications to help convey the exemplary work of SFI Program**

**Participants in the areas of conservation and community engagement?** : Share - with our organization's name

### Project 66

**Project Name** : Cooperative Agreement #93-096597 (South Puget Sound Region)

**Project Objective** : Enhance multiple uses of public lands by assisting with the construction of new mountain bike trails on Tiger Mountain & conducting maintenance activities on trails in Raging River State Forest.

**Short project description (include main point of contact and other relevant information - max. 650 words)** : EMBA will construct two new trails totaling approximately 1.5 miles in length, to help meet intended user experiences for the overall planned East Tiger Mountain trail system, while performing maintenance activities along a 0.8-mile length trail segment within Raging River State Forest. This project will meet objectives identified during a public planning process, resulting in the Snoqualmie Corridor Recreation Plan, by providing additional and well-maintained outdoor recreation options for visitors. Collaborating with EMBA will help engage the community by facilitating donated volunteer labor and will help meet required grant-funding deliverables.

**SFI 2015-2019 Standard Objective most relevant to project** : FM Objective 5. Management of Visual Quality and Recreational Benefits

**Select state(s)/province(s) for this project** : Washington

**Project Partners (List all project partners by category. Please be as specific as possible.)** : *No answer*

**Academic Organizations** :

**Research Organizations** :

**Conservation Organizations** :

**Government Organizations** :

**Community Organizations** : Evergreen Mountain Bike Alliance

**Other Organizations** :

**Estimated Project Start Date** : 2017-12-07

**Estimated Project End Date** : 2019-06-30

**Dollar amounts are in:** : US Dollars (USD)

**Estimated total project cost** : \$20,000 to \$50,000

**Your organization contribution in 2018** : less than \$5,000

**Supporting documentation (optional)** :

**Are your organization's contribution in 2018 included in your Research Funding dollars reported above to meet SFI Standard Requirements as it relates to the research requirement in the standard** : No

**Is this project part of a 2018 SFI Conservation or Community Grant?** : No

**May SFI use this project as an example in communications to help convey the exemplary work of SFI Program**

**Participants in the areas of conservation and community engagement?** : Share - with our organization's name

### Project 67

**Project Name** : Land Use License #60-095046 (South Puget Sound Region)

**Project Objective** : Manage an established western pond turtle population

**Short project description (include main point of contact and other relevant information - max. 650 words)** : Manage and continue to establish a population of western pond turtles at Goat Ranch pond; western pond turtles are classified as a Washington State Endangered Species.

**SFI 2015-2019 Standard Objective most relevant to project** : FM Objective 4. Conservation of Biological Diversity

**Select state(s)/province(s) for this project** : Washington

**Project Partners (List all project partners by category. Please be as specific as possible.)** : *No answer*

**Academic Organizations** :

**Research Organizations** :

**Conservation Organizations** :

**Government Organizations** : WDFW

**Community Organizations** :

**Other Organizations** :

**Estimated Project Start Date** : 2017-01-01

**Estimated Project End Date** : 2027-12-31

**Dollar amounts are in:** : US Dollars (USD)

**Estimated total project cost** : \$5,000 to \$20,000

**Your organization contribution in 2018** : less than \$5,000

**Supporting documentation (optional)** :

**Are your organization's contribution in 2018 included in your Research Funding dollars reported above to meet SFI Standard Requirements as it relates to the research requirement in the standard** : No

**Is this project part of a 2018 SFI Conservation or Community Grant?** : No

**May SFI use this project as an example in communications to help convey the exemplary work of SFI Program Participants in the areas of conservation and community engagement?** : Share - with our organization's name

### Project 68

**Project Name** : Land Use License #60-095576 (South Puget Sound, Northwest, and Pacific Cascade Regions)

**Project Objective** : Conduct research on black-tailed deer buck survival

**Short project description (include main point of contact and other relevant information - max. 650 words)** : To conduct research via ground access and aircraft including capturing and collaring bucks via helicopter net-gunning and possibly spotlight darting, and to monitor survival via VHF radio signals.

**SFI 2015-2019 Standard Objective most relevant to project** : FM Objective 10. Forestry Research, Science and Technology

**Select state(s)/province(s) for this project** : Washington

**Project Partners (List all project partners by category. Please be as specific as possible.)** : *No answer*

**Academic Organizations** :

**Research Organizations** :

**Conservation Organizations** :

**Government Organizations** : WDFW

**Community Organizations** :

**Other Organizations** :

**Estimated Project Start Date** : 2017-05-02

**Estimated Project End Date** : 2022-06-30

**Dollar amounts are in:** : US Dollars (USD)

**Estimated total project cost** : \$5,000 to \$20,000

**Your organization contribution in 2018** : less than \$5,000

**Supporting documentation (optional)** :

**Are your organization's contribution in 2018 included in your Research Funding dollars reported above to meet SFI Standard Requirements as it relates to the research requirement in the standard** : No

**Is this project part of a 2018 SFI Conservation or Community Grant?** : No

**May SFI use this project as an example in communications to help convey the exemplary work of SFI Program Participants in the areas of conservation and community engagement?** : Share - with our organization's name

### Project 69

**Project Name** : Land Use License #60-WS0911 (South Puget Sound Region)

**Project Objective** : To collect detailed soil descriptions, and observations to refine map unit design and spatial accuracy of soil polygons along Waddell and Sherman Creeks in Capitol State Forest, as part of a larger soil survey update

**Short project description (include main point of contact and other relevant information - max. 650 words)** : Project involves soil observations within stream valley bottoms adjacent to Sherman and Waddell Creeks, along with taking soil samples using a shovel to 1 meter and then a hand auger to a total depth of 2 meters. All soil will be back-filled the same day. This study is part of a larger soil survey project that focuses on alluvial soils mapped as the Eld soil series in Thurston County.

**SFI 2015-2019 Standard Objective most relevant to project** : FM Objective 2. Forest Health and Productivity

**Select state(s)/province(s) for this project** : Washington

**Project Partners (List all project partners by category. Please be as specific as possible.)** : *No answer*

**Academic Organizations** :

**Research Organizations** :

**Conservation Organizations** :

**Government Organizations** : USDA-NRCS (Natural Resources Conservation Service)

**Community Organizations** :

**Other Organizations** :

**Estimated Project Start Date** : 2017-11-27

**Estimated Project End Date** : 2018-05-01

**Dollar amounts are in:** : US Dollars (USD)

**Estimated total project cost** : less than \$5,000

**Your organization contribution in 2018** : less than \$5,000

**Supporting documentation (optional)** :

**Are your organization's contribution in 2018 included in your Research Funding dollars reported above to meet SFI Standard Requirements as it relates to the research requirement in the standard** : No

**Is this project part of a 2018 SFI Conservation or Community Grant?** : No

**May SFI use this project as an example in communications to help convey the exemplary work of SFI Program Participants in the areas of conservation and community engagement?** : Share - with our organization's name

### Project 70

**Project Name** : Green River College Mentor Night (SPS Region)

**Project Objective :** To familiarize natural resource college students to positions in the industry

**Short project description (include main point of contact and other relevant information - max. 650 words) :** Various DNR staff attend Green River College Mentor night for the Natural Resource Program each year and present their position responsibilities.

**SFI 2015-2019 Standard Objective most relevant to project :** FM Objective 12. Community Involvement and Landowner Outreach

**Select state(s)/province(s) for this project :** Washington

**Project Partners (List all project partners by category. Please be as specific as possible.) :** *No answer*

**Academic Organizations :** Green River College

**Research Organizations :**

**Conservation Organizations :**

**Government Organizations :**

**Community Organizations :**

**Other Organizations :**

**Estimated Project Start Date :** 2015-01-01

**Estimated Project End Date :** 2050-12-31

**Dollar amounts are in: :** US Dollars (USD)

**Estimated total project cost :** less than \$5,000

**Your organization contribution in 2018 :** less than \$5,000

**Supporting documentation (optional) :**

**Are your organization's contribution in 2018 included in your Research Funding dollars reported above to meet SFI Standard Requirements as it relates to the research requirement in the standard :** No

**Is this project part of a 2018 SFI Conservation or Community Grant? :** No

**May SFI use this project as an example in communications to help convey the exemplary work of SFI Program**

**Participants in the areas of conservation and community engagement? :** Share - with our organization's name

## Project 71

**Project Name :** Cooperative Agreement #93-097326 (South Puget Sound Region)

**Project Objective :** Enhance multiple uses of public lands, reduce congestion, and provide alternate means of transportation by creating shuttle stops for King County Metro's new Trailhead Direct service to Mount Si and Mailbox Peak.

**Short project description (include main point of contact and other relevant information - max. 650 words) :** To design proposed improvements with King County Metro in order to provide a safe parking area for the shuttles to pull over and drop off passengers. MTS will also resurface the Mount Si Trailhead, and King County Metro will furnish and install shuttle stop signs once the stops are in place. MTS will also coordinate logistics, resources, and materials for this project.

**SFI 2015-2019 Standard Objective most relevant to project :** FM Objective 5. Management of Visual Quality and Recreational Benefits

**Select state(s)/province(s) for this project :** Washington

**Project Partners (List all project partners by category. Please be as specific as possible.) :** *No answer*

**Academic Organizations :**

**Research Organizations :**

**Conservation Organizations :** Mountains to Sound Greenway Trust

**Government Organizations :**

**Community Organizations :**

**Other Organizations :**

**Estimated Project Start Date :** 2018-04-23

**Estimated Project End Date :** 2018-06-30

**Dollar amounts are in: :** US Dollars (USD)

**Estimated total project cost :** over \$50,000

**Your organization contribution in 2018 :** over \$50,000

**Supporting documentation (optional) :**

**Are your organization's contribution in 2018 included in your Research Funding dollars reported above to meet SFI Standard Requirements as it relates to the research requirement in the standard :** No

**Is this project part of a 2018 SFI Conservation or Community Grant? :** No

**May SFI use this project as an example in communications to help convey the exemplary work of SFI Program**

**Participants in the areas of conservation and community engagement? :** Share - with our organization's name

## Project 72

**Project Name :** Cooperative Agreement #93-097450 (South Puget Sound Region)

**Project Objective :** Invasive plant removal in the NRCA and State trust lands in the Mountains to Sound Greenway.

**Short project description (include main point of contact and other relevant information - max. 650 words) :** To provide technical services and invasive plant removal activities for DNR NRCA and trust lands in the Mountains to Sound Greenway with an emphasis on the Middle Fork Snoqualmie River Valley. Using existing surveys and local knowledge, MTS will control

regulated noxious weeds in the Mount Si NRCA, Middle Fork Snoqualmie NRCA, Tiger Mountain, West Tiger NRCA, Mitchell Hill, Rattlesnake Mountain, Raging River State Forest, and Echo Glen areas; and will control non-regulated noxious weeds in the Middle Fork Snoqualmie River Valley and on all other DNR lands in the Mountains to Sound Greenway.

**SFI 2015-2019 Standard Objective most relevant to project :** FM Objective 2. Forest Health and Productivity

**Select state(s)/province(s) for this project :** Washington

**Project Partners (List all project partners by category. Please be as specific as possible.) :** *No answer*

**Academic Organizations :**

**Research Organizations :**

**Conservation Organizations :** Mountains to Sound Greenway Trust

**Government Organizations :**

**Community Organizations :**

**Other Organizations :**

**Estimated Project Start Date :** 2018-05-23

**Estimated Project End Date :** 2019-06-30

**Dollar amounts are in: :** US Dollars (USD)

**Estimated total project cost :** less than \$5,000

**Your organization contribution in 2018 :** less than \$5,000

**Supporting documentation (optional) :**

**Are your organization's contribution in 2018 included in your Research Funding dollars reported above to meet SFI Standard Requirements as it relates to the research requirement in the standard :** No

**Is this project part of a 2018 SFI Conservation or Community Grant? :** No

**May SFI use this project as an example in communications to help convey the exemplary work of SFI Program**

**Participants in the areas of conservation and community engagement? :** Share - with our organization's name

### Project 73

**Project Name :** Cooperative Agreement #93-097494 (South Puget Sound Region)

**Project Objective :** To implement new recreation trail development objectives and strategies identified for the Mount Si NRCA within the Snoqualmie Corridor Recreation Plan that was completed March of 2015.

**Short project description (include main point of contact and other relevant information - max. 650 words) :** To provide river access and day-use areas along the Middle Fork of the Snoqualmie River where appropriate, with the strategy of developing an Oxbox Lake site-specific plan. This project includes developing a new Oxbox Lake loop trail opportunity, install vault toilet buildings (CXTs) at Oxbox Lake and Champion Beach, converting 0.4miles of orphaned forest road grades to hiking trail, developing 1.2miles of new trail, and decommissioning .10miles of orphaned roads. MTS will coordinate logistics, resources and materials, comply with permit requirements and help DNR communicate the project to the hiking community. This project is fully funded by capital funds through the Natural Areas Program.

**SFI 2015-2019 Standard Objective most relevant to project :** FM Objective 5. Management of Visual Quality and Recreational Benefits

**Select state(s)/province(s) for this project :** Washington

**Project Partners (List all project partners by category. Please be as specific as possible.) :** *No answer*

**Academic Organizations :**

**Research Organizations :**

**Conservation Organizations :** Mountains to Sound Greenway Trust

**Government Organizations :**

**Community Organizations :**

**Other Organizations :**

**Estimated Project Start Date :** 2018-06-18

**Estimated Project End Date :** 2019-06-30

**Dollar amounts are in: :** US Dollars (USD)

**Estimated total project cost :** over \$50,000

**Your organization contribution in 2018 :** over \$50,000

**Supporting documentation (optional) :**

**Are your organization's contribution in 2018 included in your Research Funding dollars reported above to meet SFI Standard Requirements as it relates to the research requirement in the standard :** No

**Is this project part of a 2018 SFI Conservation or Community Grant? :** No

**May SFI use this project as an example in communications to help convey the exemplary work of SFI Program**

**Participants in the areas of conservation and community engagement? :** Share - with our organization's name

### Project 74

**Project Name :** Cooperative Agreement #93-097730 (SPS Region)

**Project Objective :** Enhance multiple uses of public lands, increase safety, and create sustainable designated public hiking trail opportunities by utilizing volunteer labor to maintain and renovate the Dirty Harry's Peak Trail and other east Snoqualmie Corridor trails located within the Middle Fork Snoqualmie Natural Resources Conservation Area.

**Short project description (include main point of contact and other relevant information - max. 650 words) :** To

maintain and renovate substantial segments of the Dirty Harry's Peak Trail and other trails in the east Snoqualmie Corridor by re-routing 0.36miles of trail, decommissioning 0.08miles of trail, and renovating 0.1miles of existing trail. WTA will coordinate logistics, resources and materials, comply with permit requirements and help DNR communicate the project to the hiking community

**SFI 2015-2019 Standard Objective most relevant to project :** FM Objective 5. Management of Visual Quality and Recreational Benefits

**Select state(s)/province(s) for this project :** Washington

**Project Partners (List all project partners by category. Please be as specific as possible.) :** *No answer*

**Academic Organizations :**

**Research Organizations :**

**Conservation Organizations :**

**Government Organizations :**

**Community Organizations :** Washington Trails Association

**Other Organizations :**

**Estimated Project Start Date :** 2018-09-01

**Estimated Project End Date :** 2018-11-01

**Dollar amounts are in :** US Dollars (USD)

**Estimated total project cost :** \$5,000 to \$20,000

**Your organization contribution in 2018 :** \$5,000 to \$20,000

**Supporting documentation (optional) :**

**Are your organization's contribution in 2018 included in your Research Funding dollars reported above to meet SFI Standard Requirements as it relates to the research requirement in the standard :** No

**Is this project part of a 2018 SFI Conservation or Community Grant? :** No

**May SFI use this project as an example in communications to help convey the exemplary work of SFI Program Participants in the areas of conservation and community engagement? :** Share - with our organization's name

## Project 75

**Project Name :** Cooperative Agreement #93-097844 (SPS Region)

**Project Objective :** Implement restoration, salvage and demolition tasks and provide other technical services on newly acquired land in the Stavis NRCA.

**Short project description (include main point of contact and other relevant information - max. 650 words) :** This project includes noxious weed control activities, installing new tree and shrub plantings, salvaging and demolishing two houses and one garage, removing two septic systems, and properly decommissioning and capping an existing well. These new additions to the Stavis NRCA will help provide long-term protection for rare forest plants prevalent to the Kitsap Peninsula.

**SFI 2015-2019 Standard Objective most relevant to project :** FM Objective 4. Conservation of Biological Diversity

**Select state(s)/province(s) for this project :** Washington

**Project Partners (List all project partners by category. Please be as specific as possible.) :** *No answer*

**Academic Organizations :**

**Research Organizations :**

**Conservation Organizations :** Hood Canal Salmon Enhancement Group

**Government Organizations :**

**Community Organizations :**

**Other Organizations :**

**Estimated Project Start Date :** 2018-10-30

**Estimated Project End Date :** 2019-06-30

**Dollar amounts are in :** US Dollars (USD)

**Estimated total project cost :** over \$50,000

**Your organization contribution in 2018 :** over \$50,000

**Supporting documentation (optional) :**

**Are your organization's contribution in 2018 included in your Research Funding dollars reported above to meet SFI Standard Requirements as it relates to the research requirement in the standard :** No

**Is this project part of a 2018 SFI Conservation or Community Grant? :** No

**May SFI use this project as an example in communications to help convey the exemplary work of SFI Program Participants in the areas of conservation and community engagement? :** Share - with our organization's name

## Project 76

**Project Name :** Interagency Agreement #93-097737 (SPS Region)

**Project Objective :** Establish the Parties' respective rights, roles, and responsibilities regarding the Gateway Planning Project located in the Mountains to Sound Greenway.

**Short project description (include main point of contact and other relevant information - max. 650 words) :** To

establish a framework for planning, public outreach and design of parking facilities at Highpoint (Exit 20 on I-90), and for planning of trails and connections between King County-managed Grand Ridge Park and DNR-managed Mitchell Hill State Forest.

**SFI 2015-2019 Standard Objective most relevant to project :** FM Objective 5. Management of Visual Quality and Recreational Benefits

**Select state(s)/province(s) for this project :** Washington

**Project Partners (List all project partners by category. Please be as specific as possible.) :** *No answer*

**Academic Organizations :**

**Research Organizations :**

**Conservation Organizations :**

**Government Organizations :** King County

**Community Organizations :**

**Other Organizations :**

**Estimated Project Start Date :** 2018-12-03

**Estimated Project End Date :** 2023-12-31

**Dollar amounts are in :** US Dollars (USD)

**Estimated total project cost :** over \$50,000

**Your organization contribution in 2018 :** over \$50,000

**Supporting documentation (optional) :**

**Are your organization's contribution in 2018 included in your Research Funding dollars reported above to meet SFI Standard Requirements as it relates to the research requirement in the standard :** No

**Is this project part of a 2018 SFI Conservation or Community Grant? :** No

**May SFI use this project as an example in communications to help convey the exemplary work of SFI Program Participants in the areas of conservation and community engagement? :** Share - with our organization's name

### Project 77

**Project Name :** Interlocal Agreement #93-097336 (SPS Region)

**Project Objective :** Continue the cooperative relationship between the Parties regarding the High Point Way Trailhead and provide for the shared maintenance, management, and operation of the same.

**Short project description (include main point of contact and other relevant information - max. 650 words) :** DNR will procure, manage, and oversee maintenance and custodial services contracts for the maintenance and upkeep of the Trailhead. The City will reimburse DNR for 50% of the direct costs for those contract services as well as manage and issue permits on City property for all public uses of the Trailhead, and will also coordinate with DNR on all events involving the Trailhead that will make use of the trails on DNR land, work with partners other than DNR regarding the use of the trailhead, make improvements to the Trailhead such as planting, clearing, adding or removing amenities and/or elements at the site, and maintain the access road to the Trailhead by clearing and mowing. Both parties will coordinate the review and updating of all signage, and work cooperatively on long-term planning for uses, capital planning, and partnerships.

**SFI 2015-2019 Standard Objective most relevant to project :** FM Objective 5. Management of Visual Quality and Recreational Benefits

**Select state(s)/province(s) for this project :** Washington

**Project Partners (List all project partners by category. Please be as specific as possible.) :** *No answer*

**Academic Organizations :**

**Research Organizations :**

**Conservation Organizations :**

**Government Organizations :** City of Issaquah

**Community Organizations :**

**Other Organizations :**

**Estimated Project Start Date :** 2018-07-01

**Estimated Project End Date :** 2028-06-30

**Dollar amounts are in :** US Dollars (USD)

**Estimated total project cost :** less than \$5,000

**Your organization contribution in 2018 :** less than \$5,000

**Supporting documentation (optional) :**

**Are your organization's contribution in 2018 included in your Research Funding dollars reported above to meet SFI Standard Requirements as it relates to the research requirement in the standard :** No

**Is this project part of a 2018 SFI Conservation or Community Grant? :** No

**May SFI use this project as an example in communications to help convey the exemplary work of SFI Program Participants in the areas of conservation and community engagement? :** Share - with our organization's name

### Project 78

**Project Name :** Interagency Agreement #93-094790 (SPS Region)

**Project Objective :** Improve access to and a parking facility for the Mid-Fork Snoqualmie River Valley.



**Short project description (include main point of contact and other relevant information - max. 650 words) :** To establish a framework for construction and maintenance of a parking lot and associated facilities at the Granite Creek Trailhead in the Mid-Fork Snoqualmie River Valley. This project will be funded by both capital funds and a NOVA grant.

**SFI 2015-2019 Standard Objective most relevant to project :** FM Objective 5. Management of Visual Quality and Recreational Benefits

**Select state(s)/province(s) for this project :** Washington

**Project Partners (List all project partners by category. Please be as specific as possible.) :** *No answer*

**Academic Organizations :**

**Research Organizations :**

**Conservation Organizations :**

**Government Organizations :** King County

**Community Organizations :**

**Other Organizations :**

**Estimated Project Start Date :** 2017-01-13

**Estimated Project End Date :** 2021-12-21

**Dollar amounts are in :** US Dollars (USD)

**Estimated total project cost :** over \$50,000

**Your organization contribution in 2018 :** over \$50,000

**Supporting documentation (optional) :**

**Are your organization's contribution in 2018 included in your Research Funding dollars reported above to meet SFI Standard Requirements as it relates to the research requirement in the standard :** No

**Is this project part of a 2018 SFI Conservation or Community Grant? :** No

**May SFI use this project as an example in communications to help convey the exemplary work of SFI Program Participants in the areas of conservation and community engagement? :** Share - with our organization's name

### Project 79

**Project Name :** Land Use License #60-WS0943 (SPS Region)

**Project Objective :** Hold an instructional hiking clinic

**Short project description (include main point of contact and other relevant information - max. 650 words) :** To hold a "Staying Found" instructional hiking clinic on navigating in the woods using a map, compass, and environmental cues.

**SFI 2015-2019 Standard Objective most relevant to project :** FM Objective 5. Management of Visual Quality and Recreational Benefits

**Select state(s)/province(s) for this project :** Washington

**Project Partners (List all project partners by category. Please be as specific as possible.) :** *No answer*

**Academic Organizations :**

**Research Organizations :**

**Conservation Organizations :**

**Government Organizations :**

**Community Organizations :**

**Other Organizations :** The Mountaineers

**Estimated Project Start Date :** 2018-04-14

**Estimated Project End Date :** 2018-05-05

**Dollar amounts are in :** US Dollars (USD)

**Estimated total project cost :** less than \$5,000

**Your organization contribution in 2018 :** less than \$5,000

**Supporting documentation (optional) :**

**Are your organization's contribution in 2018 included in your Research Funding dollars reported above to meet SFI Standard Requirements as it relates to the research requirement in the standard :** No

**Is this project part of a 2018 SFI Conservation or Community Grant? :** No

**May SFI use this project as an example in communications to help convey the exemplary work of SFI Program Participants in the areas of conservation and community engagement? :** Share - with our organization's name

### Project 80

**Project Name :** Land Use License #60-WS0959 (SPS Region)

**Project Objective :** Operate a drone at Mima Mounds NAP as part of the 2018 Northwest Science Conference at Evergreen State College.

**Short project description (include main point of contact and other relevant information - max. 650 words) :** This License authorized an expert in drone technology to operate a single Unmanned Aircraft System (UAS or Drone) within and over Mima Mounds NAP for the purpose of collecting hyperspectral imagery and LiDAR, and beta-testing multispectral plant cameras for potential scientific applications, for a presentation at the 2018 Northwest Science Conference at Evergreen State College.

**SFI 2015-2019 Standard Objective most relevant to project :** FM Objective 10. Forestry Research, Science and

Technology

**Select state(s)/province(s) for this project :** Washington

**Project Partners (List all project partners by category. Please be as specific as possible.) :** *No answer*

**Academic Organizations :** Evergreen State College

**Research Organizations :**

**Conservation Organizations :**

**Government Organizations :**

**Community Organizations :**

**Other Organizations :**

**Estimated Project Start Date :** 2018-03-29

**Estimated Project End Date :** 2018-03-29

**Dollar amounts are in: :** US Dollars (USD)

**Estimated total project cost :** less than \$5,000

**Your organization contribution in 2018 :** less than \$5,000

**Supporting documentation (optional) :**

**Are your organization's contribution in 2018 included in your Research Funding dollars reported above to meet SFI**

**Standard Requirements as it relates to the research requirement in the standard :** No

**Is this project part of a 2018 SFI Conservation or Community Grant? :** No

**May SFI use this project as an example in communications to help convey the exemplary work of SFI Program**

**Participants in the areas of conservation and community engagement? :** Share - with our organization's name

### Project 81

**Project Name :** Land Use License #60-WS0960 (South Puget Sound Region)

**Project Objective :** Conduct training and gather data for the 2018 stream survey

**Short project description (include main point of contact and other relevant information - max. 650 words) :** To conduct

training for the 2018 stream survey which includes sampling fish, amphibians, macroinvertebrates, and algae in Waddell Creek as part of the Watershed Health Monitoring (WHM) Program. Chemical and physical habitat data will also be gathered.

**SFI 2015-2019 Standard Objective most relevant to project :** FM Objective 3. Protection and Maintenance of Water Resources

**Select state(s)/province(s) for this project :** Washington

**Project Partners (List all project partners by category. Please be as specific as possible.) :** *No answer*

**Academic Organizations :**

**Research Organizations :**

**Conservation Organizations :**

**Government Organizations :** Department of Ecology, Environmental Assessment Program

**Community Organizations :**

**Other Organizations :**

**Estimated Project Start Date :** 2018-06-01

**Estimated Project End Date :** 2018-06-30

**Dollar amounts are in: :** US Dollars (USD)

**Estimated total project cost :** less than \$5,000

**Your organization contribution in 2018 :** less than \$5,000

**Supporting documentation (optional) :**

**Are your organization's contribution in 2018 included in your Research Funding dollars reported above to meet SFI**

**Standard Requirements as it relates to the research requirement in the standard :** No

**Is this project part of a 2018 SFI Conservation or Community Grant? :** No

**May SFI use this project as an example in communications to help convey the exemplary work of SFI Program**

**Participants in the areas of conservation and community engagement? :** Share - with our organization's name

### Project 82

**Project Name :** Land Use License #60-WS0962 (South Puget Sound Region)

**Project Objective :** Research beargrass

**Short project description (include main point of contact and other relevant information - max. 650 words) :** To map and describe past anthropogenic landscapes; specifically the distribution and ecology of lowland beargrass. Activities involve GPSing locations where beargrass was found, and recording information about the plant community at each location beargrass is found.

**SFI 2015-2019 Standard Objective most relevant to project :** FM Objective 10. Forestry Research, Science and Technology

**Select state(s)/province(s) for this project :** Washington

**Project Partners (List all project partners by category. Please be as specific as possible.) :** *No answer*

**Academic Organizations :**

**Research Organizations :**

**Conservation Organizations :****Government Organizations :** USDA Forest Service-Pacific Northwest Research Station**Community Organizations :****Other Organizations :****Estimated Project Start Date :** 2018-04-30**Estimated Project End Date :** 2019-12-31**Dollar amounts are in: :** US Dollars (USD)**Estimated total project cost :** less than \$5,000**Your organization contribution in 2018 :** less than \$5,000**Supporting documentation (optional) :****Are your organization's contribution in 2018 included in your Research Funding dollars reported above to meet SFI Standard Requirements as it relates to the research requirement in the standard :** No**Is this project part of a 2018 SFI Conservation or Community Grant? :** No**May SFI use this project as an example in communications to help convey the exemplary work of SFI Program Participants in the areas of conservation and community engagement? :** Share - with our organization's name**Project 83****Project Name :** Land Use License #60-WS0967 (South Puget Sound Region)**Project Objective :** Educate elementary school students about forestry and high school students about teaching/presenting.**Short project description (include main point of contact and other relevant information - max. 650 words) :** To hold a "Students in the Watershed" education program related to forestry and conservation, with 120 youth (fourth graders) from local elementary schools being taught by high school students in partnership with DNR.**SFI 2015-2019 Standard Objective most relevant to project :** FM Objective 12. Community Involvement and Landowner Outreach**Select state(s)/province(s) for this project :** Washington**Project Partners (List all project partners by category. Please be as specific as possible.) :** *No answer***Academic Organizations :****Research Organizations :****Conservation Organizations :** Hood Canal Salmon Enhancement Group**Government Organizations :****Community Organizations :****Other Organizations :****Estimated Project Start Date :** 2018-05-17**Estimated Project End Date :** 2018-05-18**Dollar amounts are in: :** US Dollars (USD)**Estimated total project cost :** less than \$5,000**Your organization contribution in 2018 :** less than \$5,000**Supporting documentation (optional) :****Are your organization's contribution in 2018 included in your Research Funding dollars reported above to meet SFI Standard Requirements as it relates to the research requirement in the standard :** No**Is this project part of a 2018 SFI Conservation or Community Grant? :** No**May SFI use this project as an example in communications to help convey the exemplary work of SFI Program Participants in the areas of conservation and community engagement? :** Share - with our organization's name**Project 84****Project Name :** Land Use License #60-WS0973 (South Puget Sound Region)**Project Objective :** Tour a timber sale stand harvest treatment site.**Short project description (include main point of contact and other relevant information - max. 650 words) :** As part of the Ecological Forestry & Climate Variability Conference, to tour the Blue Ridge Timber Sale stand harvest treatment sites in partnership with Evergreen State College & DNR. Up to 100 conference participants, state, and federal scientists and researchers toured the sites and held discussions on site.**SFI 2015-2019 Standard Objective most relevant to project :** FM Objective 10. Forestry Research, Science and Technology**Select state(s)/province(s) for this project :** Washington**Project Partners (List all project partners by category. Please be as specific as possible.) :** *No answer***Academic Organizations :** Evergreen State College**Research Organizations :****Conservation Organizations :****Government Organizations :****Community Organizations :****Other Organizations :****Estimated Project Start Date :** 2018-06-19

**Estimated Project End Date** : 2018-06-19

**Dollar amounts are in:** : US Dollars (USD)

**Estimated total project cost** : less than \$5,000

**Your organization contribution in 2018** : less than \$5,000

**Supporting documentation (optional)** :

**Are your organization's contribution in 2018 included in your Research Funding dollars reported above to meet SFI Standard Requirements as it relates to the research requirement in the standard** : No

**Is this project part of a 2018 SFI Conservation or Community Grant?** : No

**May SFI use this project as an example in communications to help convey the exemplary work of SFI Program Participants in the areas of conservation and community engagement?** : Share - with our organization's name

### Project 85

**Project Name** : Land Use License #60-WS0976 (South Puget Sound Region)

**Project Objective** : Survey for and treat/remove knotweed and other noxious weeds.

**Short project description (include main point of contact and other relevant information - max. 650 words)** : Survey for, treat, and/or remove knotweed species and other noxious weeds on all DNR Trust lands within Mason County boundaries.

**SFI 2015-2019 Standard Objective most relevant to project** : FM Objective 2. Forest Health and Productivity

**Select state(s)/province(s) for this project** : Washington

**Project Partners (List all project partners by category. Please be as specific as possible.)** : *No answer*

**Academic Organizations** :

**Research Organizations** :

**Conservation Organizations** :

**Government Organizations** : Mason County Noxious Weed Control Board

**Community Organizations** :

**Other Organizations** :

**Estimated Project Start Date** : 2018-08-01

**Estimated Project End Date** : 2019-12-31

**Dollar amounts are in:** : US Dollars (USD)

**Estimated total project cost** : \$5,000 to \$20,000

**Your organization contribution in 2018** : less than \$5,000

**Supporting documentation (optional)** :

**Are your organization's contribution in 2018 included in your Research Funding dollars reported above to meet SFI Standard Requirements as it relates to the research requirement in the standard** : No

**Is this project part of a 2018 SFI Conservation or Community Grant?** : No

**May SFI use this project as an example in communications to help convey the exemplary work of SFI Program Participants in the areas of conservation and community engagement?** : Share - with our organization's name

### Project 86

**Project Name** : Land Use License #60-WS0979 (South Puget Sound Region)

**Project Objective** : Survey for and treat/remove knotweed and other noxious weed along riparian zones.

**Short project description (include main point of contact and other relevant information - max. 650 words)** : Survey for, treat, and/or remove knotweed species and other noxious weeds along riparian zones in portions of the Tahuya State Forest.

**SFI 2015-2019 Standard Objective most relevant to project** : FM Objective 2. Forest Health and Productivity

**Select state(s)/province(s) for this project** : Washington

**Project Partners (List all project partners by category. Please be as specific as possible.)** : *No answer*

**Academic Organizations** :

**Research Organizations** :

**Conservation Organizations** : Hood Canal Salmon Enhancement Group

**Government Organizations** :

**Community Organizations** :

**Other Organizations** :

**Estimated Project Start Date** : 2018-08-01

**Estimated Project End Date** : 2019-01-09

**Dollar amounts are in:** : US Dollars (USD)

**Estimated total project cost** : \$5,000 to \$20,000

**Your organization contribution in 2018** : less than \$5,000

**Supporting documentation (optional)** :

**Are your organization's contribution in 2018 included in your Research Funding dollars reported above to meet SFI Standard Requirements as it relates to the research requirement in the standard** : No

**Is this project part of a 2018 SFI Conservation or Community Grant?** : No

**May SFI use this project as an example in communications to help convey the exemplary work of SFI Program Participants in the areas of conservation and community engagement?** : Share - with our organization's name

**Project 87**

**Project Name :** Land Use License #60-WS0981 (South Puget Sound Region)

**Project Objective :** Educate youth about DNR, forestry, recreation, and aquatics/hydrography.

**Short project description (include main point of contact and other relevant information - max. 650 words) :** Sponsor an educational two-day day camp with up to 20 youth learning about DNR, forestry, recreation, and aquatics/hydrography.

**SFI 2015-2019 Standard Objective most relevant to project :** FM Objective 12. Community Involvement and Landowner Outreach

**Select state(s)/province(s) for this project :** Washington

**Project Partners (List all project partners by category. Please be as specific as possible.) :** *No answer*

**Academic Organizations :**

**Research Organizations :**

**Conservation Organizations :** Hood Canal Salmon Enhancement Group

**Government Organizations :**

**Community Organizations :**

**Other Organizations :**

**Estimated Project Start Date :** 2018-08-09

**Estimated Project End Date :** 2018-08-10

**Dollar amounts are in :** US Dollars (USD)

**Estimated total project cost :** less than \$5,000

**Your organization contribution in 2018 :** less than \$5,000

**Supporting documentation (optional) :**

**Are your organization's contribution in 2018 included in your Research Funding dollars reported above to meet SFI Standard Requirements as it relates to the research requirement in the standard :** No

**Is this project part of a 2018 SFI Conservation or Community Grant? :** No

**May SFI use this project as an example in communications to help convey the exemplary work of SFI Program Participants in the areas of conservation and community engagement? :** Share - with our organization's name

**Project 88**

**Project Name :** Land Use License #60-WS0983 (South Puget Sound Region)

**Project Objective :** Conduct outdoor programs.

**Short project description (include main point of contact and other relevant information - max. 650 words) :** To conduct YMCA-sponsored outdoor programs including Teen Outdoor Leader Club, Y Earth Service Corps with local schools, Family Outdoors Program, and Summer Camps. Program activities include hiking, rock-climbing, and snowshoeing.

**SFI 2015-2019 Standard Objective most relevant to project :** FM Objective 12. Community Involvement and Landowner Outreach

**Select state(s)/province(s) for this project :** Washington

**Project Partners (List all project partners by category. Please be as specific as possible.) :** *No answer*

**Academic Organizations :**

**Research Organizations :**

**Conservation Organizations :**

**Government Organizations :**

**Community Organizations :** Sammamish Community YMCA

**Other Organizations :**

**Estimated Project Start Date :** 2018-10-01

**Estimated Project End Date :** 2023-12-31

**Dollar amounts are in :** US Dollars (USD)

**Estimated total project cost :** less than \$5,000

**Your organization contribution in 2018 :** less than \$5,000

**Supporting documentation (optional) :**

**Are your organization's contribution in 2018 included in your Research Funding dollars reported above to meet SFI Standard Requirements as it relates to the research requirement in the standard :** No

**Is this project part of a 2018 SFI Conservation or Community Grant? :** No

**May SFI use this project as an example in communications to help convey the exemplary work of SFI Program Participants in the areas of conservation and community engagement? :** Share - with our organization's name

**Project 89**

**Project Name :** Land Use License #60-WS0989 (South Puget Sound Region)

**Project Objective :** Estimate and monitor black bear populations and the impacts of various management actions.

**Short project description (include main point of contact and other relevant information - max. 650 words) :** Conduct research on black bear, including placing hair snare traps. Primary objective is to estimate and monitor black bear populations and the impacts of various management actions.

**SFI 2015-2019 Standard Objective most relevant to project** : FM Objective 4. Conservation of Biological Diversity

**Select state(s)/province(s) for this project** : Washington

**Project Partners (List all project partners by category. Please be as specific as possible.)** : No answer

**Academic Organizations** :

**Research Organizations** :

**Conservation Organizations** :

**Government Organizations** : WDFW

**Community Organizations** :

**Other Organizations** :

**Estimated Project Start Date** : 2018-01-01

**Estimated Project End Date** : 2020-12-31

**Dollar amounts are in:** : US Dollars (USD)

**Estimated total project cost** : \$20,000 to \$50,000

**Your organization contribution in 2018** : less than \$5,000

**Supporting documentation (optional)** :

**Are your organization's contribution in 2018 included in your Research Funding dollars reported above to meet SFI Standard Requirements as it relates to the research requirement in the standard** : No

**Is this project part of a 2018 SFI Conservation or Community Grant?** : No

**May SFI use this project as an example in communications to help convey the exemplary work of SFI Program Participants in the areas of conservation and community engagement?** : Share - with our organization's name

### Project 90

**Project Name** : Land Use License #60-WS0992 (South Puget Sound Region)

**Project Objective** : To study the effects of the pathogenic fungus Bsal on amphibians

**Short project description (include main point of contact and other relevant information - max. 650 words)** : Project involves collecting 50 adult rough-skinned newts (*Taricha granulosa*) in both aquatic and terrestrial habitats by hand and/or with dip nets, for a laboratory experiment to study the effects of Bsal, conducted at the University of Tennessee in conjunction with WSU Vancouver, under the approval of and following WDFW guidelines. Preliminary targeted area is the wetlands along Sherman Valley Creek (southeast, east, and northeast of Fall Creek Campground) in Capitol State Forest.

**SFI 2015-2019 Standard Objective most relevant to project** : FM Objective 4. Conservation of Biological Diversity

**Select state(s)/province(s) for this project** : Tennessee

Washington

**Project Partners (List all project partners by category. Please be as specific as possible.)** : No answer

**Academic Organizations** : Washington State University; University of Tennessee

**Research Organizations** :

**Conservation Organizations** :

**Government Organizations** :

**Community Organizations** :

**Other Organizations** :

**Estimated Project Start Date** : 2018-11-01

**Estimated Project End Date** : 2018-12-31

**Dollar amounts are in:** : US Dollars (USD)

**Estimated total project cost** : less than \$5,000

**Your organization contribution in 2018** : less than \$5,000

**Supporting documentation (optional)** :

**Are your organization's contribution in 2018 included in your Research Funding dollars reported above to meet SFI Standard Requirements as it relates to the research requirement in the standard** : No

**Is this project part of a 2018 SFI Conservation or Community Grant?** : No

**May SFI use this project as an example in communications to help convey the exemplary work of SFI Program Participants in the areas of conservation and community engagement?** : Share - with our organization's name

### Project 91

**Project Name** : Blue Ridge Timber Sale 2018 (South Puget Sound Region)

**Project Objective** : Proved revenue to state trusts, forest management planning, forest health and productivity, protection and maintenance of water resources, conservation of biological diversity, management of visual quality and recreation benefits, protection of special sites, efficient use of fiber resources, legal and regulatory compliance, forest research, science and technology, training and education, training and education public management responsibilities, communications and public reporting, Management Review and Continual Improvement

**Short project description (include main point of contact and other relevant information - max. 650 words)** : The Blue Ridge 2018 timber sale was part of an ongoing cooperative study between the DNR and the U.S. Forest Service's Pacific Northwest Research Station. The purpose of the study is to compare and evaluate different silvicultural systems for reducing visual impacts of timber harvesting while maintaining typical production schedules to generate revenue. There are three

replication research areas (Blue Ridge, Copper Ridge, and Rusty Ridge) within the Capitol Forest, each consisting of six treatments—untreated control, repeated thinning, patch cuts, group selection cuts, a two-aged stand, and a clear-cut. The harvest this year consisted of thinning, patch cuts, and group selection cuts.

**SFI 2015-2019 Standard Objective most relevant to project :** FM Objective 1. Forest Management Planning

FM Objective 2. Forest Health and Productivity

FM Objective 3. Protection and Maintenance of Water Resources

FM Objective 4. Conservation of Biological Diversity

FM Objective 5. Management of Visual Quality and Recreational Benefits

FM Objective 6. Protection of Special Sites

FM Objective 7. Efficient Use of Fiber Resources

FM Objective 8. Recognize and Respect Indigenous People's Rights

FM Objective 9. Legal and Regulatory Compliance

FM Objective 10. Forestry Research, Science and Technology

FM Objective 11. Training and Education

FM Objective 12. Community Involvement and Landowner Outreach

FM Objective 13. Public Land Management Responsibilities

FM Objective 14. Communications and Public Reporting

FM Objective 15. Management Review and Continual Improvement

**Select state(s)/province(s) for this project :** Washington

**Project Partners (List all project partners by category. Please be as specific as possible.) :** *No answer*

**Academic Organizations :**

**Research Organizations :**

**Conservation Organizations :**

**Government Organizations :** U.S. Forest Service's, Pacific Northwest Research Station

**Community Organizations :**

**Other Organizations :**

**Estimated Project Start Date :** 2017-12-12

**Estimated Project End Date :** 2018-08-31

**Dollar amounts are in :** US Dollars (USD)

**Estimated total project cost :** \$5,000 to \$20,000

**Your organization contribution in 2018 :** less than \$5,000

**Supporting documentation (optional) :**

**Are your organization's contribution in 2018 included in your Research Funding dollars reported above to meet SFI Standard Requirements as it relates to the research requirement in the standard :**

**Is this project part of a 2018 SFI Conservation or Community Grant? :**

**May SFI use this project as an example in communications to help convey the exemplary work of SFI Program Participants in the areas of conservation and community engagement? :**

## Project 92

**Project Name :** Grays Harbor College Silviculture Tour (South Puget Sound Region)

**Project Objective :** Silviculture Tour

**Short project description (include main point of contact and other relevant information - max. 650 words) :** Provide GHC forestry students with examples of Silviculture options in succession from site preparation to PCT. Students were shown examples of recent treatments and evaluated stand performance. Tour also involved discussions on timber harvest, forest land management practices and sustainable forestry.

**SFI 2015-2019 Standard Objective most relevant to project :** FM Objective 12. Community Involvement and Landowner Outreach

**Select state(s)/province(s) for this project :** Washington

**Project Partners (List all project partners by category. Please be as specific as possible.) :** *No answer*

**Academic Organizations :** Grays Harbor Community College

**Research Organizations :**

**Conservation Organizations :**

**Government Organizations :**

**Community Organizations :**

**Other Organizations :**

**Estimated Project Start Date :** 2018-09-27

**Estimated Project End Date :** 2018-09-27

**Dollar amounts are in :** US Dollars (USD)

**Estimated total project cost :** less than \$5,000

**Your organization contribution in 2018 :** less than \$5,000

**Supporting documentation (optional) :**

**Are your organization's contribution in 2018 included in your Research Funding dollars reported above to meet SFI**

**Standard Requirements as it relates to the research requirement in the standard :** No

**Is this project part of a 2018 SFI Conservation or Community Grant? :** No

**May SFI use this project as an example in communications to help convey the exemplary work of SFI Program**

**Participants in the areas of conservation and community engagement? :** Share - with our organization's name

### III. SFI Implementation Committees Funding

	US	Canada
Funding provided last year for SFI Implementation Committee activities at the state or provincial level (Support for US SICs in \$US. Support for Canadian SICs in \$CA.)	5000	

## 6. Issues of Interest



**Select the following Issues of Interest. This way we can keep you informed on these topics. (Optional)**

Climate change

Ecosystem services

Carbon stocks

### Forest Tree Biotechnology (answer the following about your organization)

**We plan on investing in research with Genetically Engineered trees via forest tree biotechnology.**

No

**We currently invest in research with Genetically Engineered trees via forest tree biotechnology.**

No

**We have legal commercial plantings of Genetically Engineered trees via forest tree biotechnology that will be available as future marketable products.**

No

**Please use this space for any additional comments to SFI:**