FS Agreement No. 22-CS-11221637-172

Cooperator Agreement No. 93-103995

CHALLENGE COST SHARE AGREEMENT
Between The
WASHINGTON STATE DEPARTMENT OF NATURAL RESOURCES
And The
USDA, FOREST SERVICE
ROCKY MOUNTAIN RESEARCH STATION

This CHALLENGE COST SHARE AGREEMENT is hereby made and entered into by and between the Washington State Department of Natural Resources, hereinafter referred to as "DNR," and the United States Department of Agriculture (USDA), Forest Service, Rocky Mountain Research Station hereinafter referred to as the "U.S. Forest Service," under the authority: Interior and Related Agencies Appropriation Act of 1992, Pub. L. 102-154

Background: In 2017, the Washington State Department of Natural Resources (DNR) presented the "20-Year Forest Health Strategic Plan: Eastern Washington" which collaboratively sets goals and strategies under a shared vision for restoring forested landscapes by implementing landscape-scale treatments in key areas. The strategic plan sets a goal of 1.25 million acres of scientifically based forest health treatments in priority landscapes by 2037. Priority areas in DNR's Plan are multi-ownership landscapes in eastern Washington State selected based on landscape departure from historical conditions, fire risk and on-the ground discussions with partners and stakeholders.

In 2022, the U.S. Forest Service launched a robust, 10-year strategy to squarely address this wildfire crisis in the places where wildfire poses the most immediate threats to communities. The strategy, called "Confronting the Wildfire Crisis: A Strategy for Protecting Communities and Improving Resilience in America's Forests," combines a historic investment of congressional funding with years of scientific research and planning into a national effort that will dramatically increase the scale of forest health treatments over the next decade. The plan calls for the agency to treat up to an additional 20 million acres on National Forest System lands, and up to an additional 30 million acres of other Federal, State, Tribal, and private lands.

Both agencies have led independent efforts to identify priority landscapes for targeted financial and forest management efforts. Strategies used different methodologies, spatial units, and overall priorities and yet there is significant overlap in the highest ranked areas for both plans in eastern Washington State. This overlap suggests strong agreement in priority areas at the 30,000 bird-eye view. Both plans highlight the need to work with partners to focus fuels and forest health treatments more strategically and at the scale of the problem, using the best available science as a guide. However, it remains unclear how project implementation on the ground, led by local priorities and needs, will be accomplished at a pace and scale that is congruent with the timeline and objectives of both plans.

The Places, People & treatment Priorities (3P) project will focus on the collaborative development of project scale priorities across pilot areas in eastern Washington State. The intent of the project is to develop a road map and lessons learned for co-production of project priorities and project performance tracking that can be adopted for other areas. The assumption is that when restoration projects are built on partnerships that explore a diversity of objectives and collaboratively develop solutions, the resulting projects have a higher chance of implementations at the scale and pace needed. Local participants will vary depending on ownership on various pilot areas: USFS ranger districts and interdisciplinary team members,DNR, representatives of private industrial forest owners, conservation districts, forest collaboratives, fire adapted communities, non-governmental organizations (NGOs), US Department of Fish and Wildlife (DFW) and Washington Department of Fish and Wildlife (WDFW).

Title: Title: Places, People & treatment Priorities (3P) – a project for the collaborative prioritization of forest and fuel treatment projects in three priority landscapes of eastern Washington State.

I. PURPOSE:

The purpose of this agreement is to document the cooperation between the parties to pilot a process for the collaborative prioritization of landscape-scale forest and fuel treatment projects in mult-ownership areas of eastern Washington in accordance with the following provisions and the hereby incorporated Operating and Financial Plan, attached as Exhibit A.

II. STATEMENT OF MUTUAL BENEFIT AND INTERESTS:

The project will advance the respective organizational missions of both DNR and the U.S. Forest Service in multiple ways including the following: 1) further develop research methods regarding spatial forest planning for forest restoration utilizing U.S. Forest Service expertise and DNR collaborative planning, thus fulfilling the respective missions of both DNR and U.S. Forest Service with respect to forest planning; 2) application of new models and tools to collaboratively prioritize projects on the landscape and quantify restoration tradeoffs on multi-owner landscapes, thus fulfilling the science and management missions of the respective agencies; and 3) joint development and authorship of products including briefings, presentations, reports and peer-reviewed manuscripts.

U.S. Forest Service will benefit from direct interaction with the DNR by gaining expertise in the subject area concerning multi-agency landscape management issues. The benefit to both parties is that this project will substantially improve their research and management capacity, knowledge and expertise in the subject matter of the project, and enable the participants to engage in the dissemination of this information to the private and public sector, including stakeholders and collaborative groups.

The opportunity for DNR and U.S. Forest Service to collaborate will provide tools and experience, as well as training for DNR science staff. This research can inform about management challenges at the regional and national level and about ongoing collaborative projects elsewhere in the US and abroad.

The project proposal for this agreement was jointly developed by DNR and the U.S. Forest Service because both parties saw mutual benefits in terms of technology and knowledge transfer between DNR and the U.S. Forest Service.

In Consideration of the above premises, the parties agree as follows:

III. Washington Department of Natural Resources SHALL:

A. LEGAL AUTHORITY. DNR shall have the legal authority to enter into this agreement, and the institutional, managerial, and financial capability to ensure proper planning, management, and completion of the project, which includes funds sufficient to pay the nonfederal share of project costs, when applicable.

B. USE OF GOVERNMENT OWNED VEHICLES. U.S. Forest Service vehicles may be used for official U.S. Forest Service business only in accordance with Forest Service Handbook 7109.19, Ch. 60, the requirements established by the region in which performance of this agreement takes place, and the terms of this agreement.

C. BUILDING AND COMPUTER ACCESS BY NON-U.S. FOREST SERVICE PERSONNEL. DNR may be granted access to U.S. Forest Service facilities and/or computer systems to accomplish work described in the Operating Plan or Statement of Work. All non-government employees with unescorted access to U.S. Forest Service facilities and computer systems must have background checks following the procedures established by USDA Directives 3800 series. Those granted computer access must fulfill all U.S. Forest Service requirements for mandatory security awareness and role-base advanced security training, and sign all applicable U.S. Forest Service statements of responsibilities.

IV. DNR will be responsible for project management, organizing meetings, running and troubleshooting fire simulation models and lead one white paper and one peer-reviewed paper. DNR team will also be responsible for producing input datasets that are included in the 20-Year Plan analysis for the pilot areas.
U.S. Forest Service will be responsible for running and troubleshooting ForSys.app during 3P meetings and providing spatial input data that is related to the Confronting the Wildfire Crisis Plan. Both DNR and U.S. Forest Service will collaborate on methodology development, data production and technical writing.

IV. THE U.S. FOREST SERVICE SHALL:

A. PAYMENT/REIMBURSEMENT. The U.S. Forest Service shall reimburse DNR for the U.S. Forest Service's share of actual expenses incurred, not to exceed **$139,237**, as shown in the Financial Plan. In order to approve a Request for Reimbursement, the U.S. Forest Service shall review such requests to ensure payments for reimbursement are in compliance and otherwise consistent with the terms of the agreement. The U.S. Forest Service shall make payment upon receipt of DNR's monthly invoice. Each invoice from DNR shall display the total project costs for the billing period, separated by U.S. Forest Service and DNR's share. In-kind contributions must be displayed as a separate line item and must not be included in the total project costs available for reimbursement. The final invoice must display DNR's full match towards the project, as shown in the financial plan, and be submitted no later than 120 days from the expiration date.

Each invoice must include, at a minimum:

1. DNR name, address, and telephone number.
2. U.S. Forest Service agreement number.
3. Invoice date.
4. Performance dates of the work completed (start & end).
5. Total invoice amount for the billing period, separated by U.S. Forest Service and DNR share with in-kind contributions displayed as a separate line item.
6. Display all costs, both cumulative and for the billing period, by separate cost element as shown on the financial plan.
7. Cumulative amount of U.S. Forest Service payments to date.
8. Statement that the invoice is a request for payment by "reimbursement".
9. If using SF-270, a signature is required.
10. Invoice Number, if applicable.

The invoice must be forwarded to:

EMAIL: SM.FS.ASC_GA@USDA.GOV

FAX: 877-687-4894

POSTAL: USDA Forest Service
Albuquerque Service Center
Payments – Grants & Agreements
101B Sun Ave NE
Albuquerque, NM 87109

Send a copy to: Michelle Day US Forest Service, Rocky Mountain Research Station, Missoula Fires Sciences Lab 5775 US Highway 10 W Missoula, MT 59808-9361; michelle.day@usda.gov.

B. U.S. Forest Service will be responsible for running and troubleshooting ForSys.app during 3P meetings and providing spatial input data that is related to the Confronting the Wildfire Crisis Plan.

Both WADNR and U.S. Forest Service will collaborate on methodology development, data production and technical writing.

V. IT IS MUTUALLY UNDERSTOOD AND AGREED BY AND BETWEEN THE PARTIES THAT:

A. PRINCIPAL CONTACTS. Individuals listed below are authorized to act in their respective areas for matters related to this agreement.

Principal Cooperator Contacts:

Cooperator Program Contact	Cooperator Administrative Contact
Name: Jennifer Watkins Address: 1111 Washington St. SE City, State, Zip: Olympia, WA, 98504 Telephone: (360) 338-1688 FAX: 360-902-1757 Email: Jennifer.Watkins@dnr.wa.gov	Name: Sydney Debien Address: 1111 Washington St. SE City, State, Zip: Olympia, WA, 98504 Telephone: (360) 890-6283 FAX: 360-902-1757 Email: Sydney.Debien@dnr.wa.gov

Principal U.S. Forest Service Contacts:

U.S. Forest Service Program Manager Contact	U.S. Forest Service Administrative Contact
Name: Michelle Day Address: 5775 US Highway 10 West City, State, Zip: Missoula MT 59808 Telephone: 541-758-7768 FAX: Email: michelle.day@usda.gov	Name: Angie Harris Address: 240 West Prospect Road City, State, Zip: Fort Collins, CO 80526 Telephone: 970-498-1172 FAX: Email: angela.harris@usda.gov

B. ASSURANCE REGARDING FELONY CONVICTION OR TAX DELINQUENT STATUS FOR CORPORATE ENTITIES. This agreement is subject to the provisions contained in the Department of Interior, Environment, and Related Agencies Appropriations Act, 2012, P.L. No. 112-74, Division E, Section 433 and 434 as continued by Consolidated and Further Continuing Appropriations Act, 2013, P.L. No. 113-6, Division F, Title I, Section 1101(a)(3) regarding corporate felony convictions and corporate federal tax delinquencies. Accordingly, by entering into this agreement DNR acknowledges that it: 1) does not have a tax delinquency, meaning that it is not subject to any unpaid Federal tax liability that has been assessed, for which all judicial and administrative remedies have been exhausted or have lapsed, and that is not being paid in a timely manner pursuant to an agreement with the authority responsible for collecting the tax liability, and (2) has not been convicted (or had an officer or agent acting on its behalf convicted) of a felony criminal violation under any Federal law within 24 months preceding the agreement, unless a suspending and debarring official of the United States Department of

Agriculture has considered suspension or debarment is not necessary to protect the interests of the Government. If DNR fails to comply with these provisions, the U.S. Forest Service will annul this agreement and may recover any funds DNR has expended in violation of sections 433 and 434.

C. NOTICES. Any communications affecting the operations covered by this agreement given by the U.S. Forest Service or WA-DNR are sufficient only if in writing and delivered in person, mailed, or transmitted electronically by e-mail or fax, as follows:

To the U.S. Forest Service Program Manager, at the address specified in the agreement.

To WA-DNR, at the address shown in the agreement or such other address designated within the agreement.

Notices are effective when delivered in accordance with this provision, or on the effective date of the notice, whichever is later.

D. PARTICIPATION IN SIMILAR ACTIVITIES. This agreement in no way restricts the U.S. Forest Service or DNR from participating in similar activities with other public or private agencies, organizations, and individuals.

E. ENDORSEMENT. Any of WA-DNR's contributions made under this agreement do not by direct reference or implication convey U.S. Forest Service endorsement of DNR's products or activities.

F. USE OF U.S. FOREST SERVICE INSIGNIA. In order for DNR to use the U.S. Forest Service insignia on any published media, such as a Web page, printed publication, or audiovisual production, permission must be granted from the U.S. Forest Service's Office of Communications (Washington Office). A written request will be submitted by the U.S. Forest Service Rocky Mountain Research Station Rocky Mountain Research Station to the Office of Communications Assistant Director, Visual Information and Publishing Services prior to use of the insignia. The U.S. Forest Service Rocky Mountain Research Station will notify the DNR when permission is granted.

G. NON-FEDERAL STATUS FOR COOPERATOR PARTICIPANTS. DNR agree(s) that any of DNR's employees, volunteers, and program participants shall not be deemed to be Federal employees for any purposes including Chapter 171 of Title 28, United States Code (Federal Tort Claims Act) and Chapter 81 of Title 5, United States Code (OWCP), as DNR has hereby willingly agreed to assume these responsibilities. Further, DNR shall provide any necessary training to DNR's employees, volunteers, and program participants to ensure that such personnel are capable of performing tasks to be completed. DNR shall also supervise and direct the work of its employees, volunteers, and participants performing under this agreement.

H. NON-FEDERAL STATUS FOR COOPERATOR LIABILITY. DNR agree(s) that any of DNR's employees and program participants shall not be deemed to be Federal employees for any purposes including Chapter 171 of Title 28, United States Code (Federal Tort Claims Act) and Chapter 81 of Title 5, United States Code (OWCP), and DNR hereby willingly agree(s) to assume these responsibilities. DNR agree(s) that, except as otherwise provided in this provision below, of DNR's volunteers shall not be deemed to be Federal employees and shall not be subject to the provisions of law relating to Federal employment, including those relating to hours of work, rates of compensation, leave, unemployment compensation, and Federal employee benefits. When DNR's volunteers are performing approved tasks identified under this agreement, the following applies:

1. For the purpose of the tort claim provisions of Title 28 of the United States Code, any of DNR's volunteers shall be considered a federal employee.
2. For the purpose of subchapter I of Chapter 81 of Title 5 of the United States Code, relating to compensation to Federal employees for work injuries, DNR's volunteers shall be deemed civil employees of the United States within the meaning of the term "employee" as defined in section 8101 of title 5, United States Code, and the provisions of that subchapter shall apply.
3. For the purposes of claims relating to damage to, or loss of, personal property of DNR's volunteer incident to volunteer service, a volunteer shall be considered a Federal employee, and the provisions of 31 U.S.C 3721 shall apply.

Further, DNR shall provide any necessary training and support to DNR's employees, volunteers, and program participants, to ensure that such personnel are capable of performing tasks to be completed. DNR shall also supervise and direct the work of its employees, volunteers, and program participants performing under this Agreement.

I. MEMBERS OF U.S. CONGRESS. Pursuant to 41 U.S.C. 22, no member of, or delegate to, Congress shall be admitted to any share or part of this agreement, or benefits that may arise therefrom, either directly or indirectly.

J. NONDISCRIMINATION. The U.S. Department of Agriculture (USDA) prohibits discrimination in all its programs and activities on the basis of race, color, national origin, age, disability, and where applicable, sex, marital status, familial status, parental status, religion, sexual orientation, genetic information, political beliefs, reprisal, or because all or a part of an individual's income is derived from any public assistance program. (Not all prohibited bases apply to all programs.) Persons with disabilities who require alternative means for communication of program information (Braille, large print, audiotape, and so forth.) should contact USDA's TARGET

Center at (202) 720-2600 (voice and TDD). To file a complaint of discrimination, write to USDA, Director, Office of Civil Rights, 1400 Independence Avenue, S.W., Washington, D.C. 20250-9410 or call (800) 795-3272 (voice) or (202) 720-6382 (TDD). USDA is an equal opportunity provider and employer.

K. ELIGIBLE WORKERS. DNR shall ensure that all employees complete the I-9 form to certify that they are eligible for lawful employment under the Immigration and Nationality Act (8 USC 1324a). DNR shall comply with regulations regarding certification and retention of the completed forms. These requirements also apply to any contract awarded under this agreement.

L. SYSTEM FOR AWARD MANAGEMENT REGISTRATION REQUIREMENT (SAM). DNR shall maintain current information in the System for Award Management (SAM) until receipt of final payment. This requires review and update to the information at least annually after the initial registration, and more frequently if required by changes in information or agreement term(s). For purposes of this agreement, System for Award Management (SAM) means the Federal repository into which an entity must provide information required for the conduct of business as a Cooperative. Additional information about registration procedures may be found at the SAM Internet site at www.sam.gov.

M. STANDARDS FOR FINANCIAL MANAGEMENT.

1. Financial Reporting

DNR shall provide complete, accurate, and current financial disclosures of the project or program in accordance with any financial reporting requirements, as set forth in the financial provisions.

2. Accounting Records

DNR shall continuously maintain and update records identifying the source and use of funds. The records shall contain information pertaining to the agreement, authorizations, obligations, unobligated balances, assets, outlays, and income.

3. Internal Control

DNR shall maintain effective control over and accountability for all U.S. Forest Service funds. DNR shall keep effective internal controls to ensure that all United States Federal funds received are separately and properly allocated to the activities described in the award/agreement and used solely for authorized purposes.

4. Source Documentation

DNR shall support all accounting records with source documentation. These documentations include, but are not limited to, cancelled checks, paid bills, payrolls, contract documents. These documents must be made available to the U.S. Forest Service upon request.

N. LIMITATION OF FUNDS. U.S. Forest Service funds in the amount of **$139,237** are currently available for performance of this agreement through **June 30, 2025**. The U.S. Forest Service's ability to provide additional funding is contingent upon the availability of appropriated funds from which payment can be made. There is no legal liability on the part of the U.S. Forest Service for any payment above this amount until DNR receives notice of availability confirmed in a written modification by the U.S. Forest Service and DNR.

O. INDIRECT COST RATES- PARTNERSHIP. Indirect costs are approved for reimbursement or as a cost-share requirement and have an effective period applicable to the term of this agreement.

1. If the DNR has never received or does not currently have a negotiated indirect cost rate, they are eligible for a de minimis indirect cost rate up to 10 percent of modified total direct costs (MTDC). MTDC is defined as all salaries and wages, fringe benefits, materials and supplies, services, travel, and contracts up to the first $25,000 of each contract.

2. For rates greater than 10 percent and less than 25 percent, the DNR shall maintain documentation to support the rate. Documentation may include, but is not limited to, accounting records, audit results, cost allocation plan, letter of indirect cost rate approval from an independent accounting firm, or other Federal agency approved rate notice applicable to agreements.

3. For a rate greater than 25 percent, the U.S. Forest Service may require that the DNR request a federally approved rate from the DNR’s cognizant audit agency no later than 3 months after the effective date of the agreement. DNR will be reimbursed for indirect costs or allowed to cost-share at the rate reflected in the agreement until the rate is formalized in the negotiated indirect cost rate (NICRA) at which time, reimbursements for prior indirect costs or cost-sharing may be subject to adjustment.

4. Failure to provide adequate documentation supporting the indirect cost rate, if requested, could result in disallowed costs and repayment to the U.S. Forest Service.

P. OVERPAYMENT. Any funds paid to DNR in excess of the amount entitled under the terms and conditions of this agreement constitute a debt to the Federal Government. The following must also be considered as a debt or debts owed by DNR to the U.S. Forest Service:

- Any interest or other investment income earned on advances of agreement funds; or

- Any royalties or other special classes of program income which, under the provisions of the agreement, are required to be returned;

If this debt is not paid according to the terms of the bill for collection issued for the overpayment, the U.S. Forest Service may reduce the debt by:

1. Making an administrative offset against other requests for reimbursement.
2. Withholding advance payments otherwise due to DNR.
3. Taking other action permitted by statute (31 U.S.C. 3716 and 7 CFR, Part 3, Subpart B).

Except as otherwise provided by law, the U.S. Forest Service may charge interest on an overdue debt.

Q. AGREEMENT CLOSEOUT. Within 120 days after expiration or notice of termination the parties shall close out the agreement.
Any unobligated balance of cash advanced to DNR must be immediately refunded to the U.S. Forest Service, including any interest earned in accordance with 2 CFR Part 200, Subpart D, 200.305.
Within a maximum of 120 days following the date of expiration or termination of this agreement, all financial performance and related reports required by the terms of the agreement must be submitted to the U.S. Forest Service by DNR.
If this agreement is closed out without audit, the U.S. Forest Service reserves the right to disallow and recover an appropriate amount after fully considering any recommended disallowances resulting from an audit which may be conducted later.

R. PROGRAM MONITORING AND PROGRAM PERFORMANCE REPORTS. The parties to this agreement shall monitor the performance of the agreement activities to ensure that performance goals are being achieved.
Performance reports must contain information on the following:

- A comparison of actual accomplishments to the goals established for the period. Wherever the output of the project can be readily expressed in numbers, a computation of the cost per unit of output, if applicable.

- Reason(s) for delay if established goals were not met.

- Additional pertinent information

DNR shall submit annual performance reports to the U.S. Forest Service Program Manager. These reports are due 90 days after the reporting period. The final performance report must be submitted either with WA-DNR's final payment request, or separately, but not later than 120 days from the expiration date of the agreement.

S. RETENTION AND ACCESS REQUIREMENTS FOR RECORDS. DNR shall retain all records pertinent to this agreement for a period of no less than 3 years from the expiration or termination date. As used in this provision, records includes books, documents, accounting procedures and practice, and other data, regardless of the type or format. DNR shall provide access and the right to examine all records related to this agreement to the U.S. Forest Service Inspector General, or Comptroller General or their authorized representative. The rights of access in this section must not be limited to the required retention period but must last as long as the records are kept. If any litigation, claim, negotiation, audit, or other action involving the records has been started before the end of the 3-year period, the records must be kept until all issues are resolved, or until the end of the regular 3-year period, whichever is later. Records for nonexpendable property acquired in whole or in part, with Federal funds must be retained for 3 years after its final disposition.

T. FREEDOM OF INFORMATION ACT (FOIA). Public access to agreement records must not be limited, except when such records must be kept confidential and would have been exempted from disclosure pursuant to Freedom of Information regulations (5 U.S.C. 552).). Requests for research data are subject to 2 CFR 215.36. Public access to culturally sensitive data and information of Federally-recognized Tribes may also be explicitly limited by P.L. 110-234, Title VIII Subtitle B §8106 (2009 Farm Bill).

U. TEXT MESSAGING WHILE DRIVING. In accordance with Executive Order (EO) 13513, "Federal Leadership on Reducing Text Messaging While Driving," any and all text messaging by Federal employees is banned: a) while driving a Government owned vehicle (GOV) or driving a privately owned vehicle (POV) while on official Government business; or b) using any electronic equipment supplied by the Government when driving any vehicle at any time. All Cooperators, their Employees, Volunteers, and Contractors are encouraged to adopt and enforce policies that ban text messaging when driving company owned, leased or rented vehicles, POVs or GOVs when driving while on official Government business or when performing any work for or on behalf of the Government.

V. FUNDING . Federal funding under this agreement is not available for reimbursement of DNR's purchase of equipment. Equipment is defined as having a fair market value of $5,000 or more per unit and a useful life of over one year.

W. PROPERTY IMPROVEMENTS. Improvements placed on National Forest System land at the direction or with the approval of the U.S. Forest Service becomes property of the United States. These improvements are subject to the same regulations and administration of the U.S. Forest Service as would other National Forest improvements of a similar nature. No part of this agreement entitlesDNR to any interest in the improvements, other than the right to use them under applicable U.S. Forest Service regulations.

X. CONTRACT REQUIREMENTS. Any contract under this agreement must be awarded following DNR's established procurement procedures, to ensure free and open competition, and avoid any conflict of interest (or appearance of a conflict). DNR must maintain cost and price analysis documentation for potential U.S. Forest Service review. DNR is/are encouraged to utilize small businesses, minority-owned firms, and women's business enterprises.

Y. GOVERNMENT-FURNISHED PROPERTY. DNR may only use U.S. Forest Service property furnished under this agreement for performing tasks assigned in this agreement. DNR shall not modify, cannibalize, or make alterations to U.S. Forest Service property. A separate document, Form AD-107, must be completed to document the loan of U.S. Forest Service property. The U.S. Forest Service shall retain title to all U.S. Forest Service-furnished property. Title to U.S. Forest Service property must not be affected by its incorporation into or attachment to any property not owned by the U.S. Forest Service, nor must the property become a fixture or lose its identity as personal property by being attached to any real property.

Cooperator Liability for Government Property.

1. Unless otherwise provided for in the agreement, DNR shall not be liable for loss, damage, destruction, or theft to the Government property furnished or acquired under this contract, except when any one of the following applies:

    a. The risk is covered by insurance or DNR is/are otherwise reimbursed (to the extent of such insurance or reimbursement).

    b. The loss, damage, destruction, or theft is the result of willful misconduct or lack of good faith on the part of DNR's managerial personnel. DNR's managerial personnel, in this clause, means DNR's directors, officers, managers, superintendents, or equivalent representatives who have supervision or direction of all or substantially all of DNR's business; all or substantially all of DNR's operation at any one plant or separate location; or a separate and complete major industrial operation.

2. DNR shall take all reasonable actions necessary to protect the Government property from further loss, damage, destruction, or theft. DNR shall separate the damaged and undamaged Government property, place all the

affected Government property in the best possible order, and take such other action as the Property Administrator directs.

3. DNR shall do nothing to prejudice the Government's rights to recover against third parties for any loss, damage, destruction, or theft of Government property.

4. Upon the request of the Grants Management Specialist, DNR shall, at the Government's expense, furnish to the Government all reasonable assistance and cooperation, including the prosecution of suit and the execution of agreements of assignment in favor of the Government in obtaining recovery.

Z. OFFSETS, CLAIMS AND RIGHTS. Any and all activities entered into or approved by this agreement will create and support afforestation/ reforestation efforts within the National Forest System without generating carbon credits. The U.S. Forest Service does not make claims of permanence or any guarantees of carbon sequestration on lands reforested or afforested through partner assistance. The U.S. Forest Service will provide for long-term management of reforested and afforested lands, according to applicable Federal statute regulations and forest plans.

AA. U.S. FOREST SERVICE ACKNOWLEDGED IN PUBLICATIONS, AUDIOVISUALS AND ELECTRONIC MEDIA. DNR shall acknowledge U.S. Forest Service support in any publications, audiovisuals, and electronic media developed as a result of this agreement.

BB. NONDISCRIMINATION STATEMENT – PRINTED, ELECTRONIC, OR AUDIOVISUAL MATERIAL. DNR shall include the following statement, in full, in any printed, audiovisual material, or electronic media for public distribution developed or printed with any Federal funding.

"In accordance with Federal law and U.S. Department of Agriculture policy, this institution is prohibited from discriminating on the basis of race, color, national origin, sex, age, or disability. (Not all prohibited bases apply to all programs.)

To file a complaint alleging discrimination, write USDA, Director, Office of Civil Rights, 1400 Independence Avenue, SW, Washington DC 20250-9410 or call toll free voice (866) 632-9992, TDD (800)877-8339, or voice relay (866) 377-8642. USDA is an equal opportunity provider and employer."

If the material is too small to permit the full statement to be included, the material must, at minimum, include the following statement, in print size no smaller than the text:

"This institution is an equal opportunity provider."

CC. REMEDIES FOR COMPLIANCE RELATED ISSUES. If DNR materially fail(s) to comply with any term of the agreement, whether stated in a Federal statute or regulation, an assurance, or the agreement, the U.S. Forest Service may take one or more of the following actions:

1. Temporarily withhold cash payments pending correction of the deficiency by DNR or more severe enforcement action by the U.S. Forest Service;

2. Disallow (that is, deny both use of funds and matching credit for) all or part of the cost of the activity or action not in compliance;

3. Wholly or partly suspend or terminate the current agreement for DNR's program;

4. Withhold further awards for the program, or

5. Take other remedies that may be legally available, including debarment procedures under 2 CFR Part 417.

DD. TERMINATION BY MUTUAL AGREEMENT. This agreement may be terminated, in whole or part, as follows:

1. When the U.S. Forest Service and DNR agree upon the termination conditions, including the effective date and, in the case of partial termination, the portion to be terminated.

2. By 30 days written notification by DNR to the U.S. Forest Service setting forth the reasons for termination, effective date, and in the case of partial termination, the portion to be terminated. If the U.S. Forest Service decides that the remaining portion of the agreement does not accomplish the purpose for which the award/ agreement was made, the U.S. Forest Service may terminate the award upon 30 days written notice in its entirety.

Upon termination of an agreement, DNR shall not incur any new obligations for the terminated portion of the agreement after the effective date, and shall cancel as many outstanding obligations as possible. The U.S. Forest Service shall allow full credit to DNR for the United States Federal share of the non-cancelable obligations properly incurred by DNR up to the effective date of the termination. Excess funds must be refunded within 60 days after the effective date of termination.

EE. ALTERNATE DISPUTE RESOLUTION – PARTNERSHIP AGREEMENT. In the event of any issue of controversy under this agreement, the parties may pursue Alternate Dispute Resolution procedures to voluntarily resolve those issues. These procedures may include, but are not limited to conciliation, facilitation, mediation, and fact finding.

FF. DEBARMENT AND SUSPENSION. DNR shall immediately inform the U.S. Forest Service if they or any of their principals are presently excluded, debarred, or suspended from entering into covered transactions with the Federal Government according to the terms of 2 CFR Part 180. Additionally, should DNR or any of their principals receive a transmittal letter or other official Federal notice of debarment or suspension, then they shall notify the U.S. Forest Service without undue delay. This applies whether the exclusion, debarment, or suspension is voluntary or involuntary.

GG. INTERNATIONAL TRAVEL. When U.S. Forest Service funds are used, and no Federal, statutory exceptions apply, DNR shall ensure that any air transportation of passengers and property is provided by a carrier holding a United States Government issued certificate in compliance with the International Air Transportation Fair Competitive Practices Act of 1974, 49 U.S.C. 40118 (Fly American Act).

HH. COPYRIGHTING. DNR is/are granted sole and exclusive right to copyright any publications developed as a result of this agreement. This includes the right to publish and vend throughout the world in any language and in all media and forms, in whole or in part, for the full term of copyright and all renewals thereof in accordance with this agreement.

No original text or graphics produced and submitted by the U.S. Forest Service must be copyrighted. The U.S. Forest Service reserves a royalty-free, nonexclusive, and irrevocable right to reproduce, publish, or otherwise use, and to authorize others to use the work for Federal Government purposes. This right must be transferred to any sub-agreements or subcontracts.

This provision includes:

- The copyright in any work developed by DNR under this agreement.
- Any right of copyright to which DNR purchase(s) ownership with any Federal contributions.

II. PROHIBITION AGAINST INTERNAL CONFIDENTIAL AGREEMENTS. All non-federal government entities working on this agreement will adhere to the below provisions found in the Consolidated Appropriations Act, 2016, Pub. L. 114-113, relating to reporting fraud, waste and abuse to authorities:

(a) The recipient may not require its employees, contractors, or subrecipients seeking to report fraud, waste, or abuse to sign or comply with internal confidentiality agreements or statements prohibiting or otherwise restricting them from lawfully reporting that waste, fraud, or abuse to a designated investigative or law enforcement representative of a Federal department or agency authorized to receive such information.

(b) The recipient must notify its employees, contractors, or subrecipients that the prohibitions and restrictions of any internal confidentiality agreements inconsistent with paragraph (a) of this award provision are no longer in effect.

(c) The prohibition in paragraph (a) of this award provision does not contravene requirements applicable to any other form issued by a Federal department or agency governing the nondisclosure of classified information.

(d) If the Government determines that the recipient is not in compliance with this award provision, it:

(1) Will prohibit the recipient's use of funds under this award, in accordance with sections 743, 744 of Division E of the Consolidated Appropriations Act, 2016, (Pub. L. 114-113) or any successor provision of law; and
(2) May pursue other remedies available for the recipient's material failure to comply with award terms and conditions.

JJ. PUBLICATION SALE. DNR may sell any publication developed as a result of this agreement. The publication may be sold at fair market value, which is initially defined in this agreement to cover the costs of development, production, marketing, and distribution. After the costs of development and production have been recovered, fair market value is defined in this agreement to cover the costs of marketing, printing, and distribution only. Fair market value must exclude any in-kind or Federal Government contributions from the total costs of the project.

KK. MODIFICATIONS. Modifications within the scope of this agreement must be made by mutual consent of the parties, by the issuance of a written modification signed and dated by all properly authorized, signatory officials, prior to any changes being performed. Requests for modification should be made, in writing, at least 90 days prior to implementation of the requested change. The U.S. Forest Service is not obligated to fund any changes not properly approved in advance.

LL. COMMENCEMENT/EXPIRATION DATE. This agreement is executed as of the date of the last signature and is effective through **June 30, 2025** at which time it will expire. The expiration date is the final date for completion of all work activities under this agreement.

MM. AUTHORIZED REPRESENTATIVES. By signature below, each party certifies that the individuals listed in this document as representatives of the individual parties are authorized to act in their respective areas for matters related to this agreement. In witness whereof, the parties hereto have executed this agreement as of the last date written below.

jwns490 Digitally signed by jwns490 Date: 2022.09.14 08:50:33 -07'00'

JENNIFER WATKINS, Assistant Division Manager Date
Washington State Department of Natural Resources

SARA BROWN Digitally signed by SARA BROWN Date: 2022.09.19 10:05:39 -06'00'

SARA BROWN, Program Date
Manager U.S. Forest Service
Rocky Mountain Research Station

The authority and format of this agreement have been reviewed and approved for signature.

DAVID KLEIN Digitally signed by DAVID KLEIN Date: 2022.08.11 09:05:40 -06'00'

DAVID KLEIN Date
U.S. Forest Service Grants Management Specialist

U.S. Forest Service **OMB 0596-0217**
FS-1500-17B

Attachment:

USFS Agreement No.: 22-CS-11221637-172 Mod. No.:
Cooperator Agreement No.:

Note: This Financial Plan may be used when:
(1) No program income is expected and
(2) The Cooperator is not giving cash to the FS and
(3) There is no other Federal funding

Agreements Financial Plan (Short Form)

Financial Plan Matrix: Note: All columns may not be used. Use depends on source and type of contribution(s).

	FOREST SERVICE CONTRIBUTIONS		COOPERATOR CONTRIBUTIONS		
	(a)	(b)	(c)	(d)	
COST ELEMENTS	Noncash	Cash to Cooperator	Noncash	In-Kind	(e) Total
Direct Costs					
Salaries/Labor	$6,108.00	$101,190.00	$33,730.00	$0.00	$141,028.00
Travel	$0.00	$0.00	$0.00	$0.00	$0.00
Equipment	$0.00	$0.00	$0.00	$0.00	$0.00
Supplies/Materials	$0.00	$0.00	$0.00	$0.00	$0.00
Printing	$0.00	$0.00	$0.00	$0.00	$0.00
Other	$0.00	$0.00	$0.00	$0.00	$0.00
Other					$0.00
Subtotal	$6,108.00	$101,190.00	$33,730.00	$0.00	$141,028.00
Coop Indirect Costs		$38,047.00	$12,682.00		$50,729.00
FS Overhead Costs	$0.00				$0.00
Total	$6,108.00	$139,237.00	$46,412.00	$0.00	
Total Project Value:					$191,757.00

Matching Costs Determination	
Total Forest Service Share = (a+b) ÷ (e) = (f)	(f) 75.80%
Total Cooperator Share (c+d) ÷ (e) = (g)	(g) 24.20%
Total (f+g) = (h)	(h) 100.00%

WORKSHEET FOR

FS Non-Cash Contribution Cost Analysis, Column (a)

Use this worksheet to perform the cost analysis that supports the lump sum figures provided in the matrix. NOTE: This worksheet auto populates the relevant and applicable matrix cells.

Cost element sections may be deleted or lines may be hidden, if not applicable. Line items may be added or deleted as needed. The Standard Calculation sections provide a standardized formula for determing a line item's cost, e.g. cost/day x # of days=total, where the total is calculated automatically. The Non-Standard Calculation sections provide a write-in area for line items that require a calculation formula that is other than the standardized formules, e.g. instead of salaries being calculated by cost/day x # of days, costs may be calculated simply by a contracted value that is not dependent on days worked, such as 1 employee x $1,200/contract= $1,200. Be sure to review your calculations when entering in a Non-Standard Calculation, and provide a brief explanation of units used to make calculation, e.g. '1 month contract,' on a line below the figures.

Salaries/Labor					
Standard Calculation					
Job Description		Cost/Day	# of Days		Total
Michelle Day		$509.00	12.00		$6,108.00
					$0.00
					$0.00
Non-Standard Calculation					
Total Salaries/Labor					**$6,108.00**

Other Expenses					
Standard Calculation					
Item		# of Units	Cost/Unit		Total
					$0.00
					$0.00
					$0.00
Non-Standard Calculation					
Total Other					**$0.00**

Subtotal Direct Costs	$6,108.00

Forest Service Overhead Costs				
Current Overhead Rate	Subtotal Direct Costs			Total
	$6,108.00			$0.00
Total FS Overhead Costs				**$0.00**

TOTAL COST	**$6,108.00**

WORKSHEET FOR

FS Cash to the Cooperator Cost Analysis, Column (b)

Use this worksheet to perform the cost analysis that supports the lump sum figures provided in the matrix. NOTE: This worksheet auto populates the relevant and applicable matrix cells.

Cost element sections may be deleted or lines may be hidden, if not applicable. Line items may be added or deleted as needed. The Standard Calculation sections provide a standardized formula for determing a line item's cost, e.g. cost/day x # of days=total, where the total is calculated automatically. The Non-Standard Calculation sections provide a write-in area for line items that require a calculation formula that is other than the standardized formules, e.g. instead of salaries being calculated by cost/day x # of days, costs may be calculated simply by a contracted value that is not dependent on days worked, such as 1 employee x $1,200/contract= $1,200. Be sure to review your calculations when entering in a Non-Standard Calculation, and provide a brief explanation of units used to make calculation, e.g. '1 month contract,' on a line below the figures.

Salaries/Labor					
Standard Calculation					
Job Description		Cost/Month	# of Months		Total
Ana Barros		$7,387.00	6.00		$44,322.00
Benefits- Barros @25%		$1,846.75	6.00		$11,080.50
Natural Resouce Scientist 3		$6,105.00	6.00		$36,630.00
Benefits- NRS3 @25%		$1,526.25	6.00		$9,157.50
					$0.00
Non-Standard Calculation					
Total Salaries/Labor					**$101,190.00**

Other Expenses					
Standard Calculation					
Item		# of Units	Cost/Unit		Total
					$0.00
					$0.00
					$0.00
Non-Standard Calculation					
Total Other					**$0.00**

Subtotal Direct Costs	$101,190.00

Cooperator Indirect Costs					
Current Overhead Rate	Subtotal Direct Costs				Total
37.60%	$101,190.00				$38,047.00
Total Coop. Indirect Costs					**$38,047.00**

TOTAL COST	**$139,237.00**

WORKSHEET FOR

Cooperator Non-Cash Contribution Cost Analysis, Column (c)

Use this worksheet to perform the cost analysis that supports the lump sum figures provided in the matrix.
NOTE: This worksheet auto populates the relevant and applicable matrix cells.

Cost element sections may be deleted or lines may be hidden, if not applicable. Line items may be added or deleted as needed. The Standard Calculation sections provide a standardized formula for determing a line item's cost, e.g. cost/day x # of days=total, where the total is calculated automatically. The Non-Standard Calculation sections provide a write-in area for line items that require a calculation formula that is other than the standardized formules, e.g. instead of salaries being calculated by cost/day x # of days, costs may be calculated simply by a contracted value that is not dependent on days worked, such as 1 employee x $1,200/contract= $1,200. Be sure to review your calculations when entering in a Non-Standard Calculation, and provide a brief explanation of units used to make calculation, e.g. '1 month contract,' on a line below the figures.

Salaries/Labor

Standard Calculation					
Job Description		Cost/Day	# of Days		Total
Ana Barros		$7,387.00	2.00		$14,774.00
Benefits- Barros @25%		$1,846.75	2.00		$3,693.50
Natural Resouce Scientist 3		$6,105.00	2.00		$12,210.00
Benefits- NRS3 @25%		$1,526.25	2.00		$3,052.50
					$0.00
Non-Standard Calculation					
Total Salaries/Labor					**$33,730.00**

Other Expenses

Standard Calculation					
Item		# of Units	Cost/Unit		Total
					$0.00
					$0.00
					$0.00
Non-Standard Calculation					
Total Other					**$0.00**

Subtotal Direct Costs	$33,730.00

Cooperator Indirect Costs

Current Overhead Rate	Subtotal Direct Costs			Total
37.60%	$33,730.00			$12,682.00
Total Coop. Indirect Costs				**$12,682.00**

TOTAL COST	**$46,412.00**

Statement of Work
22-CS-11221637-172

Project Title: **Places, People & treatment Priorities (3P) – a project for the collaborative prioritization of forest and fuel treatment projects in three priority landscapes in eastern Washington State**

Lead Organization: Washington State Department of Natural Resources

Contact Information: Dr. Ana Barros, ana.barros@dnr.wa.gov

Project Summary

The 3P project will pilot a process for the collaborative prioritization of landscape-scale forest and fuel treatment projects in three multi-ownership areas of eastern Washington. The selected areas will be based on the landscape priorities identified in DNR's 20-Year Forest Health Strategic Plan: Eastern Washington and the US Forest Service's Confronting the Wildfire Crisis 10-year plan. The 3P project will conduct prioritizations for each pilot area to explore how varying local priorities and constraints affects the placement of treatments and assess treatment effectiveness. This will be done through meetings with partners and stakeholders where we will use simulation and optimization models to rank projects and assess project tradeoffs. In each pilot area, participants will be asked to share their goals, objectives and constraints for the landscape in a pluralistic and inclusive approach that recognizes different goals for the landscape and different ways of prioritizing forest and fuel treatments. These will be the basis for scenarios – each scenario corresponding to a treatment target, set of constraints and restoration objectives. A key focus of the project is the co-production methodology emphasizing an interactive process between participants, which may have conflicting restoration objectives to select scenarios and collaboratively identify mutual restoration goals. The ForSys.app model will be used to run various alternative scenarios and generate maps of priority projects and associated trade-offs. The ability to assess various resource objectives in a single model —and to examine tradeoffs between different management approaches—allows for a more integrated approach to priority setting. It also allows participants to see opportunities for leveraging financial, technical, and labor-based resources to achieved desired management outcomes. This will be done live during 3P meetings, increasing transparency and partner participation. The project will have the overarching goal of creating a 15-year prioritization plan that is co-produced by local participants and consistent with the intent of both DNR and U.S. Forest Service's plans. In addition to the collaborative development of project priorities the 3P project will use fire modeling to compare pre- and post-treated landscapes and co-produce a list of key performance indicators.

Project Justification

In 2017, the Washington State Department of Natural Resources (DNR) presented the "20-Year Forest Health Strategic Plan: Eastern Washington" which collaboratively sets goals and strategies under a shared vision for restoring forested landscapes by implementing landscape-scale treatments in key areas. The strategic plan sets a goal of 1.25 million acres of scientifically based forest health treatments in priority landscapes by 2037. Priority areas in DNR's plan are multi-ownership landscapes in eastern Washington State based on landscape departure from historical conditions, fire risk and on-the ground discussions with partners and stakeholders.

In 2022, the U.S. Forest Service (hereafter USFS) launched a robust, 10-year strategy to squarely address this wildfire crisis in the places where wildfire poses the most immediate threats to communities. The strategy, called "Confronting the Wildfire Crisis: A Strategy for Protecting Communities and Improving Resilience in America's Forests," combines a historic investment of congressional funding with years of scientific research and planning into a national effort that will dramatically increase the scale of forest health treatments over the next decade. The plan calls for the agency to treat up to an additional 20 million acres on National Forest System lands, and up to an additional 30 million acres of other Federal, State, Tribal, and private lands.

Both agencies have led independent efforts to identify priority landscapes for targeted financial and forest management efforts. Strategies used different methodologies, spatial units, and overall priorities and yet there is significant overlap in the highest ranked areas for both plans in eastern Washington State. This overlap suggests strong agreement in priority areas at the landscape scale. Both plans highlight the need to work with partners to focus fuels and forest health treatments more strategically and at the scale of the problem, using the best available science as a guide. However, it remains unclear how project implementation on the ground, led by local priorities and needs, will be accomplished at a pace and scale that is congruent with the timeline and objectives of both plans.

The 3P project will focus on the collaborative development of project scale priorities across pilot areas in eastern Washington State. The intent of the project is to develop a road map and lessons learned for co-production of project priorities and project performance tracking that can be adopted by other areas. The assumption is that when restoration projects are built on partnerships that explore a diversity of objectives and collaboratively develop solutions, the resulting projects have a higher chance of implementation at the scale and pace needed. Participants in local meetings (hereafter local participants) will vary depending on ownership and stakeholders in various pilot areas and may include, among others, USFS ranger districts and interdisciplinary team members, DNR, representatives of private industrial forest owners, conservation districts, forest collaboratives, fire adapted communities, non-governmental organizations (NGOs), US Department of Fish and Wildlife (DFW) and Washington Department of Fish and Wildlife (WDFW).

Scope of Work: (Project Description)

The goals and objectives of this project include:

Goal #1 – Reconcile prioritizations. The goal is to create a common understanding of the differences and commonalities of the USFS and DNR prioritizations that are the basis for the 10- and 20-year plans, respectively. Objectives for this goal include documenting: 1) prioritization objectives, 2) methodologies, 3) input and output datasets, 4) limitations, and 5) terminology. For example, the USFS has selected initial priority landscapes, whereas the DNR prioritizes planning areas. The intent is to find the answers to the following questions among others: How do these compare? What are the differences and commonalities and how can these be reconciled to reinforce support and agreement for local-scale projects? The USFS prioritizes community protection whereas the DNR prioritizes forest health and resilience. The agencies will work together to identify what are the areas of agreement on the two prioritizations. Objectives will be accomplished through peer-to-peer learning between the USFS and DNR teams. Specific deliverables will include a document of the outcomes for each of the objectives described above.

Goal #2 – Fine-tune methodology. The goal is to develop a preliminary typology and process for acquiring and preparing spatial input data to use in various resource objective prioritization scenarios and test the methodology before the public-facing portion of the project. This will include a include a test run for the Touchet-Mill priority planning area of the Umatilla National Forest. The USFS and DNR teams will use their expertise to develop scenarios for the Touchet-Mill priority landscape including developing 1-2 scenarios, reviewing input data, running ForSys.app to prioritize projects for each scenario, running fire models on treated and untreated landscapes and analyzing fire modeling results.

Goal #3 – Select pilot areas (priority geographies). The 10- and 20-year plans provide a landscape-scale view of priority landscapes across the western US and eastern Washington State respectively. Both plans recognize the need for local involvement in defining project areas within the priority landscapes by integrating local priorities and constraints. The goal is to downscale the landscape level priorities to the project/operational scale and to produce key input datasets for all three landscapes that can be used to spatially prioritize any of the values highlighted by local participants. Specific objectives include: 1) selecting three landscapes that will be used for pilot meetings, 2) identifying partners and stakeholders that will participate in 3P workshops, 3) production of the spatial datasets that will be used in project prioritization. Selected landscapes will be multi-ownership and representative of the ecological and social diversity in eastern Washington State.

Goal # 4 - Co-production of project priorities: The goal is to achieve a set final set of prioritizations that are collaboratively produced by partners and stakeholders and an associated tradeoffs analysis that can help inform decision makers in each pilot area. Objectives for this goal include producing prioritization maps using the ForSys.app tool and analyzing the scenario tradeoffs according to key performance metrics that are also collaboratively developed. The tool will be used to prioritize each landscape through a suite of scenarios that are determined by local participants.

All scenarios will be subjected to the same constraints (e.g., endangered species, area to treat) and will be evaluated using the same process.

Goal # 5 – Fire simulation of pre and post-treatment landscapes: The goal is to compare pre and post treatment landscapes in terms of various fire metrics. Objectives for this goal include running fire behavior and spread simulation model, on selected pre and post-treatment landscapes and calculating changes in fire severity, fire size, fire exposure transmission to communities, and # of treatment interactions. Limitations on # of scenarios that will be modeled will be based on computation and resource limitations.

Goal #6 - Learn and share. The goal is to document results of the 3P project and streamline resources such as ForSys.app and input data preparation for use in other areas. Specific objectives are the production of 1) a draft of a white paper, 2) draft of peer review paper that will include the key results, scenarios simulated, comparison among key performance metrics for various scenarios and lessons learned, and 3) a set of documentation to support 3P workshops in other geographies in support of forest and fuel treatment projects.

Project Methodology

In the 3P project, prioritization will be developed "bottom-up" with local project participants ranking their priorities from a menu of options that will include community protection, water, timber, habitat, fire behavior, among others. DNR will hold two-three meetings in each pilot area and convene partners and stakeholders relevant to each area. In the first meeting DNR will introduce the project and ask attendants the following question: what do you prioritize for & what are your constraints to operations?

The 3P team will then prepare spatial input data to address any prioritization requests and in the second meeting the ForSys.app will be used during the meetings to create maps of where the priorities fall and graphics of key performance metrics for each scenario. DNR and USFS will review maps and outputs collectively and discuss results. Selected prioritizations will be used to create post-treatment landscapes and run a fire simulation tool to compare fire outputs between pre- and post-treatment landscapes. The 3P project will run through the course of three years and will focus on one pilot area per calendar year. Meetings will take place each spring or fall to reduce overlap with fire season and maximize meeting attendance.

DNR will be responsible for project management, organizing meetings, running and troubleshooting fire simulation models and lead one white paper and one peer-reviewed paper. DNR team will also be responsible for producing input datasets that are included in the 20-Year plan analysis for the pilot areas.

USFS will be responsible for running and troubleshooting ForSys.app during 3P meetings, producing spatial input data that is related to the Confronting the Wildfire Crisis Plan.

DNR and USFS will collaborate on methodology development, data production and technical writing. Progress will be monitored as part of weekly standing calls with DNR and the USFS.

Project Evaluation and Sustainability

The impact of this project will be directly measured by the absorption and application of the results as part of the DNR and USFS downscaling of landscape prioritizations. Results will be presented to the DNR's Forest Advisory Committee and shared with USFS leadership and stakeholders to understand how downscaling research integration affects national priorities on the ground.