

California Climate Investments
CAL FIRE Forest Health and Forest Legacy
 Fiscal Year 2018-2019 Grant Awards

Applicant	Project Title	County(ies)	Grant Award	Project Description
Bureau of Land Management, Arcata Field Office	Lacks Creek Management Area Landscape Restoration	Humboldt	\$ 4,314,243	Restore forest health by implementing fuels reduction and hardwood thinning in degraded forests. Pre-commercial and commercial thinning will lead to increased carbon sequestration and support long term forest development in a late successional forest reserve. This is an area threatened by Sudden Oak Death and high fire risk. Project will lead to the development of old growth forest characteristics and improve wildlife habitat and water quality.
Collins Timber Company, LLC	Collins Modoc Reforestation Project	Modoc	\$ 3,305,164	The Collins Modoc Reforestation Project seeks to reforest approximately 10,143 acres at up to 250 trees per acre of Ponderosa Pine forest lost during the 2012 Barry Point Fire for long-term forest health, sustainable timber harvest, and a potential carbon offset project for the ARB marketplace.
Ecotrust Forests II, LLC	Whiskey Working Forest Conservation Easement - Scott River Headwaters Phase 3	Siskiyou	\$ 5,805,798	The Whiskey CE is Phase 3 of a trio of working forest CEs on the 39,685-acre Scott River Headwaters property (SRH), the largest block of private forestland in Scott Valley. The Whiskey CE extinguishes development rights on 18,683 acres and helps ensure significant flows of timber to nearby mills in perpetuity. SRH is positioned between fire-prone wilderness areas and 5 communities. The Whiskey CE and companion CEs will enhance water quality, improve wildlife habitat and forest resiliency, reduce fire risk, and increase carbon storage providing a 1,496,017 CO2-e. net GHG benefit.
Ecotrust Forests II, LLC	Scott Valley/Etna Fuel Reduction and Forest Resiliency Project	Siskiyou	\$ 3,429,952	The Salmon and July Complex fires of 2014 & 2017 cost \$75M to contain and threatened Etna/Scott Valley residents. We propose a fuel reduction project on 1,156 ac. surrounding Etna to reduce risk from wildfires originating in the Wilderness and to buffer these wildlands & NF from human-caused fires in the Valley. This project will also reforest 1,650 ac. of wildfire burned timberlands. The project is a collaboration among landowners, agencies, community groups, and local mills that will result in significant carbon sequestration, habitat enhancement and other watershed benefits.

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Fall River Resource Conservation District*	Burney - Hat Creek Forest Health Project	Shasta	\$ 7,000,000	The project will focus on priority areas within and adjacent to the Burney-Hat Creek watershed that will lead to long-term forest management goals of greater carbon storage and resilient forest structure. This will be achieved by implementing a diversity of activity types that have been strategically selected to maximize natural resource and community benefits. The project was led and supported by the Burney-Hat Creek Community Forest and Watershed Group (Burney-Basins CFLRP) and will rely upon proven project management success by the Fall River RCD and other partners.
Great Basin Institute	Eshom Ecological Restoration Project Phase I	Fresno Tulare	\$ 4,876,730	The Eshom Ecological Restoration Project promotes healthy forests and watersheds, increases carbon sequestration, and reduces catastrophic wildfire risk on 2,224 acres of National Forest. The collaborative project protects adjacent State Responsibility Areas (SRAs) and the Sequoia National Forest through private/public partnerships, utilizing 62,278 tons of biomass.
Hoopa Valley Tribe	Pine Creek Watershed Forest Health Project	Humboldt	\$ 4,125,700	In effort to promote carbon storage on the landscape and improve forest health, we will conduct various thinning and burning treatments across six primary management areas which include old growth stands, mature second growth plantations, and young plantations in the Pine Creek watershed area to prevent widespread mortality due to Sudden Oak Death, reduce wildfire risks to local resources and community members, promote native plant and wildlife species, and improve forest resiliency.
Mariposa County Resource Conservation District*	Southern Sierra All-Lands Restoration and Recovery - Mariposa County Project	Mariposa	\$ 2,343,462	The Mariposa County SSARR application includes a combination of high priority, leveraged, on-the-ground forest practices focused on improving forest health, securing carbon storage, and addressing critical public health and safety needs. It also includes a research component using high fidelity Lidar to enable the SSARR group to strategically collaborate on future projects by analyzing forest health and aboveground carbon storage, precisely identifying our next priority needs, and completing our environmental review and permitting.

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Pit River Resource Conservation District*	UPPER PIT RIVER FOREST HEALTH PROJECT	Modoc	\$ 5,000,000	The Upper Pit River Forest Health project is a collaborative project between, Sierra Pacific Industries, W.M. Beaty and Associates, Transmission Agency of Northern California, Cal Fire, and the Modoc National Forest. This project will construct a ridge-top shaded fuel break which will protect two subdivisions in Modoc County. Fuels treatments are placed to augment prior and ongoing vegetation management projects in the area and to promote forest health. Also, fuels treatments will occur adjacent to three 500 kV transmission lines near Tionesta CA.
Placer Land Trust	Butler Property Fee Title Acquisition and Conservation Easement	Placer	\$ 1,300,700	Acquisition in fee title of ~192 acre forest property in Foresthill spanning the North Fork and Middle Fork American River canyons. Conservation easement to be granted to CalFIRE. Adjacent to Auburn State Recreation Area, federal lands, and past conservation project with same landowner. Existing and planned extensive public trails. Planned new trailhead for ASRA. Proposed memorial forest, an innovative forest revenue model. High quality, diverse, mature forests. Wildlife corridor. Potential fire break between subdivisions in high risk area. Slated for development, on the market. Ready to go.
Resource Conservation District	Tehama Mendocino Fuel Reduction Partnership (TMFRP)	Tehama	\$ 4,737,658	This proposal was developed to increase carbon sequestration through fuels reduction, biomass utilization, and reforestation. The overall goal of this project is to create a measurable shift toward ecological condition restoration and healthy wildfire processes through seven components on a total of 4531 acres on land within the Mendocino Forest and adjacent State Responsibility Lands in Tehama County. Project development focused on each project component's connectivity which provides a cohesive and complimentary treatment across a broad landscape.
Riverside County Fire Department	Riverside County Forest Health Program	Riverside	\$ 766,500	This Program will address the GSOB problem on private land in the Riverside County portion of the San Bernardino National Forest by surveying and mapping 100% of the oak trees in the project area, treat at least 2,350 living oak trees with pesticide application, remove up to 180 DDD trees that display heavy infestation, and create a sanitized biomass utilization plan. The project also proposes a research component to work with local academia to develop a quantification tool to measure and track the carbon related issues in this unique geographic region.

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Save the Redwoods League*	Redwoods Rising Phase I Project	Humboldt Del Norte	\$ 7,000,000	Save the Redwoods League seeks funds to restore 4,944 acres of coast redwood forest, create access to restoration sites, and remove and reforest 19.5 miles of roads within the Greater Prairie Creek and Greater Mill Creek watersheds of Redwood National and State Parks (RNSP). The Project will reduce fire risk, increase carbon sequestration, and restore forest health through fuels reduction, biomass utilization, and reforestation. The Project will be implemented as Phase I of the larger Redwoods Rising collaboration, a multi-year restoration program across the 80,000-acre forestlands of RNSP.
Sierra Resource Conservation District*	Southern Sierra All-Lands Restoration and Recovery (SSARR) - Fresno County	Fresno	\$ 4,302,233	This is a multi-jurisdictional project that brings key partners together to work strategically and collaboratively to address several critical resource issues. An overarching goal of all five (5) partners is to reduce Greenhouse Gas emissions and sequester carbon while addressing tree mortality, community and watershed health and resilience, wildfire hazard and socio-economic and ecological assets at risk resulting from catastrophic wildfire events. The ability to include a research component, monitoring and LIDAR mapping to the effort make this an integrated, phased and programmatic approach.
The Land Trust of Napa County	Scott Property Acquisition	Napa	\$ 1,500,000	This project is a fee acquisition to permanently protect a significant and productive forested property threatened with development, within two CAL FIRE Priority Landscapes for CCI projects, with upper watershed forest, water resources, high biodiversity, unusual redwoods, connectivity with other protected land, and part of a large-scale wildlife corridor. The property is imminently threatened and already listed for sale. After protection of the property, the Land Trust of Napa County will work with a forester to develop a sustainable plan for the forest that will ensure uneven-aged management.
Yosemite/Sequoia Resource Conservation and Development Council*	Madera Projects - Southern Sierra All Lands Recovery and Restoration Project	Madera	\$ 3,600,000	This project will continue implementation projects in the Upper San Joaquin River Watershed in Madera County, to achieve forest health and carbon sequestration goals in line with state and regional initiatives. Project activities include fuel reduction, pest management, prescribed fire, reforestation, and biomass utilization. Monitoring, planning, and research will support and further future restoration activities. Cooperators include USFS Sierra National Forest and Pacific Southwest Regional Ecology Program, University of Washington, North Fork Rancheria, and American Forests.

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RESEARCH GRANT AWARDS
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Type	Applicant	Project Title	Grant Award
Demo Forest	University of California, Davis	Effects of salvage logging on the resilience and successional trajectory of high-mortality forests	\$ 457,596
Demo Forest	University of California, Davis	Using UAV's and Big Data to Map Live Trees and Predict Postfire Regeneration	\$ 222,166
Demo Forest	Sonoma State University	Evaluating plot-level remote sensing tools to increase accuracy and efficiency of fuels management approaches	\$ 448,552
Demo Forest	University of California, Berkeley	Decentralized biomass torrefaction to reduce cost and improve utilization of woody biomass residues.	\$ 353,876
General	University of California, Berkeley	Keeping fire on the landscape: Consequences for carbon balance and forest resilience	\$ 454,772
General	Regents of the University of New Mexico	The Carbon Consequences of Catchment-Scale Prescribed Burning	\$ 396,089
General	University of California, Davis	Impacts of Wildfire and Climate on Ecosystem Services in Southern California: Tool Development and Data Needs	\$ 285,599
Grad Student	University of California, Berkeley	What's the baseline? Carbon storage in a northern California mixed-conifer forest before fire suppression policies	\$ 60,528
Grad Student	University of California, Davis	Threats for Carbon Storage in High Montane Forests in the Sierra Nevada	\$ 66,892
Grad Student	University of California, Davis	Tree recruitment and forest expansion following reforestation	\$ 61,250
*	*	Total proposed awards	\$ 2,807,320