



Southern California Forests and Watersheds

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ABOUT NFWF

Chartered by Congress in 1984, the National Fish and Wildlife Foundation (NFWF) protects and restores the nation's fish, wildlife, plants and habitats. Working with federal, corporate and individual partners, NFWF has funded more than 5,000 organizations and generated a total conservation impact of \$6.1 billion.

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Forest fire in Angeles National Forest

OVERVIEW

The National Fish and Wildlife Foundation (NFWF) and the U.S. Forest Service (USFS) announced in August 2020 a round of funding for Southern California Forests and Watersheds projects. Eleven new or continuing land and watershed recovery grants totaling \$2.5 million were awarded. The eleven awards announced generated \$1.6 million in match from the grantees, providing a total conservation impact of \$4.1 million.

The Southern California Forests and Watersheds program invests in projects on the Angeles National Forest (ANF) and the Los Padres National Forest (LPNF) that aim to restore watersheds affected by historic fire events. Investments will improve the USFS's capacity to effectively identify and address resource management issues caused from these fires, aid ecological recovery, and repair fire-damaged critical infrastructure such as trails, roads, and fuel breaks to support the goals of ecological restoration, while building partnerships that encourage shared-stewardship of public lands.

(continued)



Post fire landscape in Angeles National Forest

Improving Plant Diversity in Fire Affected Watersheds in Angeles National Forest (CA)

Grantee: California Botanic Garden

Grant Amount:\$201,552

Matching Funds:\$231,955

Total Project:.....\$433,507

Improve capacity for resource management and promote resilience for future wildfires through seed collection, restoration of threatened and endangered plant species, monitoring and assessment of past and ongoing chaparral restoration sites, and development of a best management practices and propagation manual for chaparral and coastal sage scrub species. Project will work to enhance and restore wildlands following wildfire and protect the sensitive biodiversity on the Angeles National Forest.

Bird Surveys, Habitat Mapping, and Non-Native Cowbird Removal in Los Padres National Forest (CA)

Grantee: United Water Conservation District

Grant Amount:\$154,440

Matching Funds:\$78,708

Total Project:.....\$233,148

Conduct habitat mapping, complete surveys, and trap non-native cowbirds in riparian areas within the LPNF to provide data on sensitive riparian bird populations. Project will map breeding areas and trap cowbirds within the Piru Creek watershed to assess the size and distribution of sensitive bird species such as least Bell's vireo in order to inform future management decisions and protect existing populations.

Manzana Creek Watershed Sediment Reduction, Aquatic Protection and Road Restoration (CA)

Grantee: Earth Island Institute, Inc.

Grant Amount:\$423,908

Matching Funds:\$383,345

Total Project:.....\$807,253

Implement erosion control and sediment prevention measures at active road sediment source sites within the Manzana Creek Watershed in the LPNF. Project will support necessary environmental compliance processes

and subsequently implement measures to reduce erosion from 13 stream crossing sites and 20 road surface discharge sites, hydrologically disconnect 4 miles of road surfaces and cutbanks contributing to sedimentation, and restore altered hydrologic runoff processes along 5 miles of road.

Assessing the Restoration of Ecosystem Services in Post-Fire Chaparral Landscapes (CA)

Grantee: University of California - Davis

Grant Amount:\$425,413

Matching Funds:\$214,406

Total Project:.....\$639,819

Assess and pilot restoration on targeted sites within the Piru fire scar in the LPNF. Project will collect data on resultant ecosystem services benefits to assess the impact on restored degraded chaparral sites in comparison to unrestored sites to help inform restoration outcomes and prioritize future recovery work.

Tamarisk Removal and Monitoring in the Sisquoc River Watershed in Los Padres National Forest (CA)

Grantee: Channel Islands Restoration

Grant Amount:\$239,191

Matching Funds:\$109,360

Total Project:.....\$348,551

Treat and monitor tamarisk trees and seedlings in the Sisquoc River and nine tributaries within the LPNF in an effort to eradicate the species from the upper watershed. Project will complete surveys and a combination of treatments, in addition to monitoring previously completed tamarisk treatments.

Improving Forest Health of Sawmill Liebre Plantations Affected by the Powerhouse Fire (CA)

Grantee: National Forest Foundation

Grant Amount:\$120,236

Matching Funds:\$66,788

Total Project:.....\$187,024

Project Summary: Enhance and support post-fire restoration in the Powerhouse fire scar on the ANF. Project will treat



California condor

native conifer plantations and oak stands through brush canopy reduction, pruning, thinning, and dead tree removal along 120 acres to improve ecological function and resilience to future fires.

Removal of Invasive Spanish Broom in Los Padres National Forest (CA)

Grantee: Cachuma Resource Conservation District
 Grant Amount:\$479,884
 Matching Funds:\$254,767
 Total Project:\$734,651
 Eradicate two isolated, invasive Spanish broom populations in the LPNF to prevent further infestation. Project will apply herbicide treatments to invasives followed by planting of native chaparral plant species, and will also install interpretive signage to educate the public on invasive plant management and native plant restoration following wildfires.

Tamarisk Removal in the Upper Santa Ynez River Watershed in Los Padres National Forest (CA)

Grantee: Channel Islands Restoration
 Grant Amount:\$149,468
 Matching Funds:\$146,800
 Total Project:\$296,268
 Survey, locate, and treat tamarisk trees and seedlings in the upper Santa Ynez River and monitor previously treated trees. Project will survey the upper Santa Ynez River and 14 tributary streams and canyons upstream of Gibraltar Dam, record the locations of all tamarisk trees and seedlings, monitor the results of last year’s treatments, and treat additional tamarisk trees where encountered.

Treatment and Removal of Golden Spotted Oak Borer Infestations in Green Valley (CA)

Grantee: California Conservation Corps
 Grant Amount:\$172,733
 Matching Funds:\$28,086
 Total Project:\$200,819
 Treat and remove trees infested with the golden spotted oak borer within the Green Valley area and within the vicinity of the Sawmill Liebre Road in the ANF in California. Project

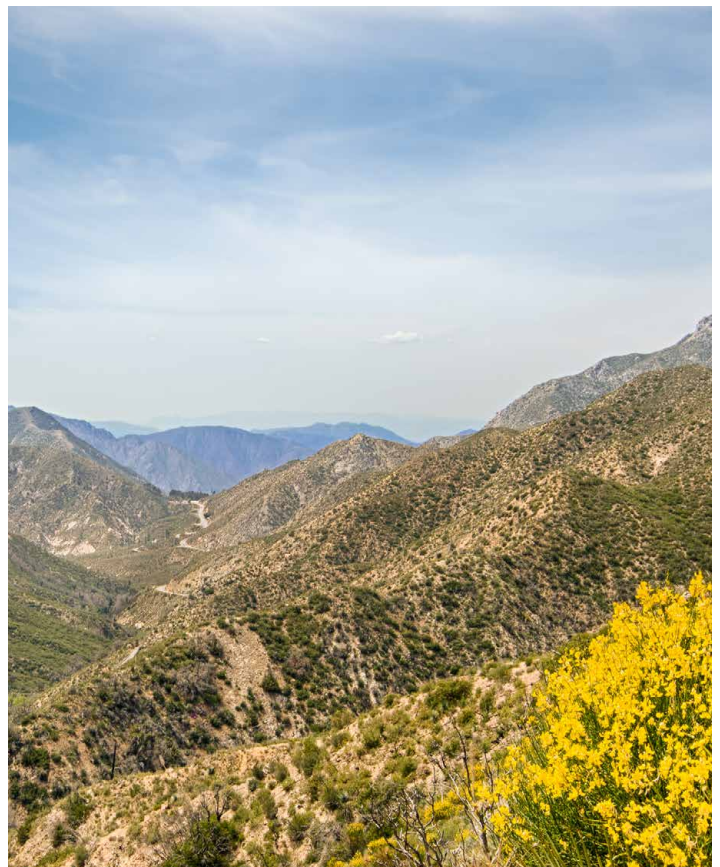
will treat 100 acres and will include the development of all appropriate safety measures, including a fire plan.

Trail Restoration within the Jesusita Fire Scar in Los Padres National Forest (CA)

Grantee: The Student Conservation Association, Inc.
 Grant Amount:\$73,334
 Matching Funds:\$15,994
 Total Project:\$89,328
 Repair fire-damaged trails within the Jesusita Fire burn area on the LPNF. Project will support a trail team that will complete trail corridor brushing, repair trail tread, rebuild drainage structures, and rebuild rock walls that support and prevent trail degradation on steep slopes.

Interpretive Signage for Areas Impacted by the Copper and Powerhouse Fires (CA)

Grantee: Amigos de los Rios
 Grant Amount:\$65,000
 Matching Funds:\$65,000
 Total Project:\$130,000
 Research, develop, and produce educational, interpretive, and wayfinding signage to boost awareness of Copper and Powerhouse Fire impacts on the ANF. Project will produce signage that includes information related to the ecology and history of the region in addition to wayfinding information for trail users, which will enhance trail sites, increase awareness of fire ecology, and promote responsible forest stewardship.



Angeles National Forest