




PROTECT OUR COAST AND OCEANS FUND GRANTS FISCAL YEAR 2018/19

- **21st District Agricultural Association** for an exhibit at the 2019 Big Fresno Fair (\$20,000). To stage a large exhibit called “Sierras to the Sea” showing the path of water from the mountains to the ocean, the animals and wildlife found along the way, and the effect of people and debris on these habitats. The exhibit will feature a hands-on tidepool, live animals, educational stage shows, and signs in three languages.
 - **Cabrillo High School Aquarium** in Lompoc, Santa Barbara County, for a new interactive tidepool exhibit (\$30,000). To replace the student-run aquarium’s old touch tank and allow visitors to experience a simulated tidepool environment, and to develop new curriculum on topics such as climate change, ocean acidification, and watersheds.
 - **Community Nature Connection** for “Libraries As Trailheads,” a free coastal shuttle program in Los Angeles County (\$29,120). To partner with community-based organizations in communities such as Pacoima, Chinatown, and Compton and put up kiosks at public libraries displaying directions to parks and beaches, accessible and culturally relevant information about specific sites, reading suggestions for all ages, and then provide a free monthly shuttle with an interpretive naturalist to one of the featured locations.
 - **County of Santa Barbara** for new beach wheelchair lockers and signs (\$12,425). Four storage lockers for visitors to access with a combination will help people use special wheelchairs that can be pushed across the sand at Goleta Beach, Jalama Beach, Arroyo Burro Beach, and Guadalupe Dunes.
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- Josh Gill
- **Ecology Center** in Berkeley for “Plastic Free Oceans” (\$12,000). For youth in a green job training program to receive an environmental literacy orientation, take outdoor field trips to connect them with nature at the bay or coastline, take part in shoreline cleanups and recruit their peers to join them, and promote zero waste efforts to reduce single-use plastic disposables.
 - **Exploring New Horizons** for ocean literacy and citizen science opportunities for Salinas students (\$11,000). For 200 underserved students to attend outdoor school at the Sempervirens campus in Santa Cruz County, explore old growth redwoods, learn about their local watershed and the importance of conservation, hear about careers in the environment and earth sciences, and spend a day at Natural Bridges State Beach go tide pooling and learn about beach ecology and geology, conduct habitat restoration and a beach cleanup, collect data from the trash collected, and analyze their findings.



- **Friends of the Dunes** for the Kids' Adopt-A-Beach Assembly Program and Beach Cleanup in Humboldt County (\$16,000). The assembly program will educate students at underserved and inland elementary schools about dune ecosystems and the harmful effects of ocean pollution, and will host a beach cleanup and invasive plant removal event for 1,000 students.
- **Heal the Bay** for continuing the Adopt-A-Beach Program in Los Angeles County (\$35,000). Activities will include arranging cleanups for volunteers who adopt beaches, holding large monthly public cleanup events, and transporting students from underserved inland schools for a beach cleanup and educational presentation. Also for updating an online marine debris database.
- **I Love A Clean San Diego** for the Kids' Adopt-A-Beach Assembly Program and Beach Cleanup in San Diego County (\$18,000). The program will educate students at seven underserved elementary schools about the harmful effects of ocean pollution, and will host a beach cleanup event for at least 700 students.
- **KIDS for the BAY/Earth Island Institute** for the Watershed Action - Coastal Connections Program (\$30,000). To enhance environmental education programming with additional ocean-related components in eight classrooms in Oakland and Richmond including an educational field trip to an ocean beach, new materials to teach about the problems of plastic pollution in the ocean, and having students lead a schoolwide assembly to other elementary students on how to reduce marine plastic pollution.
- **Malibu Foundation for Environmental Education** for the Kids' Adopt-A-Beach Assembly Program and Beach Cleanup in Los Angeles County (\$21,000). The program will educate students at 15 underserved elementary schools about the harmful effects of ocean pollution, and will host a beach cleanup event for 1,500 students.
- **Marine Science Institute** for the Kids' Adopt-A-Beach Assembly Program and Beach Cleanup in the San Francisco Bay Area (\$16,800). The program will educate students at underserved elementary schools in Marin and San Francisco about the harmful effects of ocean pollution, and will host a beach cleanup event for 900 students.



- **Monterey Bay Aquarium** for a new Climate Action Project Symposium (\$30,000). For teachers from different regions of California to learn how to help their students understand climate change and design a climate action project with them, then return to the Aquarium and share the projects they did to increase awareness of climate change and its ocean impact or to mitigate climate change.
- **Napa County Library** for “H₂O Superheroes” (\$25,390). Four Napa County libraries will offer several dozen watershed-themed activities and stewardship opportunities along local waterways, buy new books, host educational entertainment, and add birding kits and cleanup kits to the items library patrons can check out.

- **National Fisheries Conservation Center** for the Kids’ Adopt-A-Beach Assembly Program and Beach Cleanup (\$10,333). This grant will support statewide coordination of an aerial art component at five Kids’ Adopt-A-Beach Cleanup events.



- **Northcoast Regional Land Trust** for public stewardship events and related outreach at Freshwater Farms Reserve and Martin Slough on Humboldt Bay (\$12,000). To conduct outreach to local Spanish speakers about public events; create signs in Spanish and English on the topics of migratory species, agriculture, and how sea level rise will affect Humboldt Bay’s shoreline; host eight habitat restoration events; and develop a family-friendly nature treasure hunt by creating a new “Redwood EdVentures Quest.”



- **Ocean Connectors/The Ocean Foundation** for a program teaching about migratory marine life and ocean conservation to students in National City, San Diego County (\$12,000). To help support every National City public school student in grades 4-7 learning about migratory green sea turtles, grey whales, birds, and sharks; take related field trips and learn about related ocean health issues; and share information in an exchange with students in Mexico.

- **Port of Los Angeles High School** for a sustainable aquaculture program (\$18,000). For students in grades 10-12 to raise seabass, kelp, eelgrass, oysters, other bivalves, tilapia, coral, and brine shrimp while learning about the state of global fisheries, the history of aquaculture, the key elements of sustainable seafood aquaculture practices, toxicity and control, food safety, and how to design and create their own aquaponics systems (growing fish and vegetables together in water).

- **Roundhouse Aquarium** for a free marine science and field trip program (\$12,000). For visits from Los Angeles County students from underserved schools to tour the aquarium, learn about ocean food webs and tidepool animals, explore Manhattan Beach, learn about marine pollution and do a beach cleanup, and learn about plant life in the ocean and how sand is formed.
- **Salmon River Restoration Council** for a watershed science exploration and journey (\$11,000). Middle school students living along the Klamath and Salmon rivers in Siskiyou County (40% of whom are tribal members) will learn about watershed issues and traditional ecological knowledge from the Karuk Tribe for six weeks, and then travel to the North Coast to go camping, visit the mouth of the Klamath River, go tidepooling, do a beach cleanup, and meet with the Yurok Tribe to hear about the Yurok’s connections with the ocean.
- **Tolowa Dunes Stewards** for native habitat restoration and education programs at Tolowa Dunes State Park and the Lake Earl Wildlife Area (\$12,000). To lead programs in the field for youth and adult members of different partner organizations, including members of the Tolowa Dee-Ni’ Nation (Smith River Band of Tolowa Indians).
- **Water Education Foundation** to support new content for California Project WET (Water Education for Teachers) (\$49,932). To develop model Next Generation Science Standard lessons for teachers statewide, using the theme of how land-based watershed issues impact coastal and marine ecosystems. Also to lead 20 workshops throughout California to train teachers on how to use the lessons.
- **YES Nature to Neighborhoods** for coastal science and conservation programs for Richmond youth (\$38,000). To support a variety of outdoor programs serving young children through young adulthood and their families, including a new “Coastal Conservation Corps” for teens.



TOTAL AWARDED: \$482,000