

CA B-WET FY 18: Monterey Bay Watershed

Grant Recipient	Project Description	Funded Amount
Groundswell Coastal Ecology (Student and Teacher)	<p>“Teaching Out NextGen Coastal Adaption Through Green Infrastructure”- This project will engage students and the communities in coastal adaption projects in response to climate change. Participants will learn about the impacts of climate change on coastlines mitigation measure and alternative for implementing of adaptive solutions with an emphasis on methods for integrating green infrastructure into tomorrow’s coasts.</p>	\$59,968
Watsonville Wetlands Watch (Student)	<p>“Green Careers Institute”- This project will work primarily with Latino teens from low-income families in the Pájaro Valley to receive training in environmental careers, especially as they relate to the Pájaro Watershed and the Monterey Bay National Marine Sanctuary. Teens in the program shadow and assist professionals in the day to day operations of a wide range of green careers: water quality management, marine and wetland conservation, sustainable agriculture, and restoration ecology. The goal of the Green Careers Institute is for teens to be exposed to a range of green careers, to become stewards of the environment, to understand the impact of climate change and other environmental challenges facing the community, to learn skills in green careers, and to develop networks with local green career professionals. The overall work is aligned with the NOAA Priority 1: “Meaningful Watershed Educational Experiences for Students.”</p>	\$35,811
Ventana Wildlife Society (Student)	<p>“MBNMS Watershed Transect Program”- This project consists of 24 weekly outdoor classes throughout the school year for four different groups. Their curriculum focuses on the Salinas Valley and the central coast as a watershed of the MBNMS. The camping transect component will pull together all aspects of the weekly classes to provide students with the ultimate watershed field experience. O The main partner for this project is Monterey County Office of Education’s Alternative Education Program with the support of the Monterey County Probation Department.</p>	\$40,000
Save the Whales (Student)	<p>“From Soledad to the Ocean: Teaching Coastal Stewardship to South County Title 1 School Children”- The proposed program focuses on culturally diverse, low income, and underserved children in southern Monterey County. South County itself is “underserved,” in that South County children typically have far fewer opportunities for extracurricular programs than do children in other parts of the county, due to their geographic remoteness. The proposed project is intended as a pilot project to provide extracurricular programs for the “harder-to-reach” children in the rural communities of South County, beginning with one school in Soledad and expanding in Years 2 and 3 to the communities of Gonzales and King City.</p>	\$36,097

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Children’s Discovery Museum of San Jose (Student)	<p>“BioSITE CONNECT”- This unique project goes far beyond a one-time field trip to offer a comprehensive program of environmental science study with multiple opportunities throughout the school year to conduct site studies in the creeks of our region. The BioSITE CONNECT initiative will reach approximately 600 elementary and secondary students, strengthening the field-based components of BioSITE, connecting science concepts to larger-scale ecological systems including marine sanctuaries, and expanding the communication strategies of the program to engage High School students in sharing environmental strategies with the broader community.</p>	\$59,991
One Cool Earth (OCE) (Student and Teacher)	<p>“San Luis Obispo County Watershed Education Program”- This project will expand programming at 16 underserved schools to provide weekly, year-round, garden-based MWEEs. Each school garden will be improved and maintained as a living laboratory for the study of watershed-related topics. 2500 students will receive a 15 hour, 15-part watershed education program focused on hands-on, project-based learning and enhanced by field trips during the 2018 - 2019 school year at a total cost of \$64.03/student. Simultaneously, the program will provide 15+ hours of coaching, training and resources for each of 90 public school teachers involved in the student MWEEs at a cost of \$500/teacher.</p>	\$60,000
Monterey Bay Salmon and Trout Project, Inc. (Teacher)	<p>“STEP to the Sea”- The project will provide a two-day field training to 13 teachers Year 1, 18 teachers Year 2, and 24 teachers Year 3, plus 32 hours of field and classroom mentoring and resources year-round for each, reaching a total of 55 teachers and more than 5,435 students. In STEP to the Sea, the two estuary-themed classroom lessons in STEP will be supplemented by two field study lessons from the National Estuarine Research Reserve System, “Estuary Food Pyramid” and “Survival in an Estuary” adapted for salmonids. At least three field experiences are planned with students and teachers: water sampling with physical and chemical testing, benthic macroinvertebrate surveys to assess stream health, and field studies at an estuary. A fourth outing will be a community service activity, participating in Coastal Cleanup Day or teacher’s choice.</p>	\$35,968
Coastal Watershed Council (CWC) (Student)	<p>“Watershed Rangers”- This project is driven by rigorous academic standards that meet Next Generation Science Standards, the Watershed Rangers program reaches students within the Santa Cruz City Schools District who need the greatest support in understanding complex environmental issues and their own role in preserving and protecting local natural resources. Two Coastal Watershed Council (CWC) educators, in ongoing partnership with two non-formal educators from Bay View Elementary and Gault Elementary, will plan and implement programs,</p>	\$37,486

	lead program development and evaluate the success of this evidence-based, learner-centered program.	
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