

## CA B-WET FY10: Monterey Bay Watershed

Applicant Name	Project Title	Project Description	Total Federal Amount
Robert Down Elementary School	Making Student Connections: Our Actions, Our Watershed, Our Ocean	5 <sup>th</sup> grade students will participate in a set of field experiences tied to classroom learning and designed to help them explore and understand their personal connection to the overall health of the Monterey Bay watershed, Monterey bay and California sea otters. Students will	\$59,615.00
Exploring New Horizons	A Meaningful Outdoor Experience with Restoration For Salinas Title 1 Students	This project will provide 545, 6 <sup>th</sup> grade students from nine underserved communities with a year-long restoration based Meaningful Outdoor Experience. Students will attend a five-day environmental education program and participate in two long-term longitudinal restoration studies that will educate and inspire them to become stewards of their environment within local state parks. Then students will participate in a secondary restoration experience within their own communities in partnership with the Return of the Natives program.	\$47,485.00
Coastal Watershed Council	"Get Outdoors" GO! Program	The GO! Program will deliver meaningful watershed educational experiences in and out of the classroom to approximately 900 students from New Brighton Middle School, Alianza and Landmark Elementary Schools. Through experiential learning, students will gain a greater understanding of watersheds and the importance of pollution prevention in riparian and coastal habitats. Over time, teachers involved in the program will take the lead in integrating the program into their class curriculum, and continue with watershed-related lessons on their own.	\$59,774.00
California Marine Sanctuary Foundation (Monterey)	MERITO Academy	The MERITO Academy will provide 1200-1500 culturally diverse and underrepresented 5 <sup>th</sup> -8 <sup>th</sup> grade students the opportunity to experience year round, meaningful in-class and outdoor experiences through the use of local natural sites, scientists and experts. 45 teachers will receive 5 intensive days of training, and with partnerships and local field support, they will help students build a sense of environmental stewardship and community pride.	\$60,000.00

<p>Foundation of California State University, Monterey Bay – Camp SEA Lab, CSUMB</p>	<p>Watershed and Climate Science Education for Underserved Youth in the Monterey Bay National Marine Sanctuary</p>	<p>Camp SEA Lab will engage 60, 5<sup>th</sup> – 8<sup>th</sup> grade underrepresented students, 4 teachers and 6 high school student mentors in meaningful watershed experiences before, during and after an intensive, week -long field residential program. The focus will be on ocean and climate literacy, and strengthening the students’ commitments to conservation and stewardship of local and global natural systems. Five new teaching kits will be used to address NOAA’s Climate Literacy Principles that teachers will have access to year-round and will be tied in with their classroom curriculum. Emphasis will be on watersheds, coasts, climate change, scientific process and research, conservation, culture and history, and marine-related careers.</p>	<p>\$47,323.00</p>
<p>Foundation of California State University, Monterey Bay – Return of the Natives, CSUMB</p>	<p>Increasing Watershed Awareness in Youth through the Cycle of Habitat Restoration – Year 3</p>	<p>Return of the Natives Restoration Education Project (RON) will provide quality science programming to MERITO Academy After-school programs and school classes in the Monterey Peninsula Unified School District. An estimated 600 students will participate in the program. Students will be engaged through watershed and restoration curricula addressing science, language arts, and English language development standards for the state of California. Students will participate in multiple restoration-based service experiences.</p>	<p>\$57,68.00</p>
<p>Foundation of California State University, Monterey Bay – Watershed Institute</p>	<p>Professional Development for Creeks of Salinas to the Bay – Year 3</p>	<p>This Multi-phased meaningful watershed to the bay professional development program will include: workshops for 60 elementary school teachers, in-classroom one-on-one mentoring sessions, specialized classroom lessons with outside professionals, and fieldtrips in the Creeks of Salinas for 3<sup>rd</sup> through 6<sup>th</sup> grade teachers in Salinas.</p>	<p>\$59,999.00</p>
<p>Friends of MAOS</p>	<p>MAOS Urban Creek Runoff Studies in Monterey Year 2</p>	<p>An estimated 248 Monterey Academy of Oceanographic Sciences (MAOS) students will select creek sites around urban Monterey for runoff sampling, pollution detection, and monitoring. The MAOS design team will collaborate with the City of Monterey and MBNMS for selection of sampling sites, integration of datasets, and development of evaluation tools, and with Monterey Peninsula Unified School District for a middle school outreach plan to serve up to 60 middle school students.</p>	<p>\$54,199.00</p>

Save Our Shores	Save Our Shores: Expanding an Interactive Five-Part Educational Program for K-8 Students in the Monterey Bay Area	Through an expansion of their five-part program developed in 2009, SOS will provide meaningful watershed educational experiences to nine classes of underserved 6 <sup>th</sup> -8 <sup>th</sup> graders from E.A. Hall Middle School and Calabasas Elementary School in Watsonville. Students will learn about basic ocean science concepts, watersheds, the Monterey Bay National Marine Sanctuary and the growing issue of ocean debris, and participate in school-wide and beach cleanups. The final activities will involve reflection activities where students will summarize lessons learned, evaluate their cleanup events and share experiences.	\$43,011.00
San Jose University Research Foundation (on behalf of Moss Landing Marine Laboratories)	Incorporation of Marine Research and Resource Issues into Public Education	During the 2010-2011 school year, previous teacher participants will bring activities focused on meaningful outdoor experiences into their classrooms. Graduate students and the PI will assist in curriculum implementation. Each student will be provided the skills and tools necessary to participate in hands-on activities that relate to marine resource management issues in the Monterey Bay watersheds. In July, 2011, 20 middle and high school teachers will take part in five days of intensive training in hands-on, investigative projects that are based on marine research including human impacts to coastal and marine environments.	\$59,880.00
Santa Cruz County Office of Education	Natural Bridges Wetlands Conservation Project	Through a combination of classroom activities and experiential field work, 100-150 at-risk high school students will investigate the complex environmental issues affecting the Santa Cruz watershed. Students will carry out field work at Antonelli Pond and Moore Creek Preserve. Classroom activities will take place at the Natural Bridges High School's Green Careers Center. The project will increase student knowledge and understanding of wetlands conservation issues while building student self-esteem and engagement in education.	\$59,535.00
Marine Science Institute	Catch My Flow!	During a school year of exploration and action in and out of the classroom, students will learn to see the ocean in their immediate environment, no matter where they are in the watershed. 195 underserved and primarily Hispanic San Mateo County 5 <sup>th</sup> and 6 <sup>th</sup> grade students will see, touch, and learn about their own and each other's watershed locales along a corridor that spans bayside to coastside across the Santa Cruz coastal mountain range. Experiences include opportunities for students to improve the watershed's health.	\$44,551.00

<p>Wild Farm Alliance</p>	<p>Farms to Fishes: Understanding Watershed Health through Food and Community</p>	<p>205 middle and high school students, most from underserved communities will experience Meaningful Watershed Experiences and learn why protecting watersheds and conserving marine resources matters. Classroom sessions and field trips focusing on agriculture, natural areas, and the impact of urban activities on ocean health will help students examine the connections between food grown on the land and the fish we eat.</p>	<p>\$33,384.00</p>
<p>Farallones Marine Sanctuary Association</p>	<p>The LiMPETS Program: Meaningful, Investigative Experiences for Students in Support of Ocean Awareness and Science Literacy</p>	<p>The LiMPETS program inspires environmental awareness, develops essential investigation skills and creates an ocean literate public. Through scientific monitoring in the rocky intertidal and sandy beach habitats of the Monterey Bay watershed, the LiMPETS program will engage middle and high school students in meaningful experiences that allow them to do real science along the National Marine Sanctuary coast. This LiMPETS program will serve approximately 550 students from 10 schools in San Mateo and Santa Clara counties, and will pilot a newly enhance classroom curriculum.</p>	<p>\$59,200.00</p>