

CA B-WET FY13: Santa Barbara Watershed

GRANT RECIPIENT	PROJECT DESCRIPTION	FUNDED AMOUNT
<p>Explore Ecology (MWEE)</p>	<p>“Student Ocean Stewards (SOS)” – This program involves students in a series of lessons and activities to help them bond with the marine environment and understand how land and ocean ecosystems are interconnected. Students will learn how their actions on land impact creeks, estuaries, the Channel Islands National Marine Sanctuary and the larger ocean ecosystem. 18 fourth through sixth grade classes and 2 secondary school classes from Santa Barbara County’s public schools will participate in activities including field trips, in-class lessons, student action projects and a Community Science Night. Students will also participate in NOAA’s The Global Drifter project and will collect and analyze data relating to disposable plastics.</p>	<p>\$59,460</p>
<p>Santa Barbara Museum of Natural History (MWEE)</p>	<p>“From Side Streams to Sea: The Health of a Watershed” and “Santa Barbara Watershed Education Assessment” – Year 2 of “Side Streams to Sea” will involve 200-300 fifth grade students from five SBSD schools. They will participate in at least three field experiences and at least one interactive classroom lesson during which time they will engage with the local watershed and be encouraged to develop their personal connection to it. Activities will include water quality testing in order for the students to draw conclusions about the accumulation of invisible pollutants in the watershed and the effect on marine life. Concurrently, the Museum will continue the SB Watershed Education Assessment, which aims to improve watershed education for students in our region by facilitating a comprehensive regional plan for watershed education.</p>	<p>\$49,560</p>
<p>Cachuma Resource Conservation District (MWEE)</p>	<p>“Environmental Education for All” – This program will 1) permit 140 fifth-grade students at Mary Buren Elementary School in Guadalupe to explore the characteristics of watersheds, coasts, and oceans and how they interconnect, 2) guide students to discover how human actions impact water resource and what can be done to decrease these impacts; 3) allow students to experience how they can have a positive impact on an ecosystem by involving them in a restoration project at Rancho Guadalupe Dunes; and 4) prompt students to formulate actions local residents can take to preserve water resources and communicate their experiences with member of the public.</p>	<p>\$60,000</p>
<p>Ocean Future Society Inc. (MWEE)</p>	<p>“Sharing a Legacy of Exploration & Discovery with Multicultural Youth” – Ocean Future Society in partnership with the MERITO Academy will support meaningful watershed and ocean field experiences for 500 STEM underrepresented 4th-7th grade students enrolled in Title 1 schools of Ventura and Santa Barbara Counties. Students will participate in a minimum of 2 meaningful field experiences at watersheds or coastal habitats and at Channel Islands while meeting California academic standards, ocean and climate literacy principles, and the environmental principles and concepts in the EEI. In addition, a minimum of 15 participating educators will attend 2 days of training to gain knowledge, tools, and expertise to implement the hands-on field and classroom activities.</p>	<p>\$50,000</p>
<p>California Sea Grant Extension Program (MWEE & Professional Development)</p>	<p>“Research and Education for Students and Teachers about the Ormond Beach Restoration (RESTOR) Project – Fourteen teachers, 500 predominantly multicultural middle and high school students, at least five City Corps youth and five CSU Channel Islands students will learn about their local watershed and wetland through classroom activities and meaningful outdoor experiences in their local wetland. The focus of the project is the Ormond Beach wetland restoration project. Teachers and university students will collect base-line water quality data and act as mentors for students and each other. Students will also be involved in student-student mentoring. New components of this year’s program will include the tiered mentoring approach, a new focus on climate change, marine debris and bird watching and an end-of-year external sharing community event.</p>	<p>\$50,000</p>