

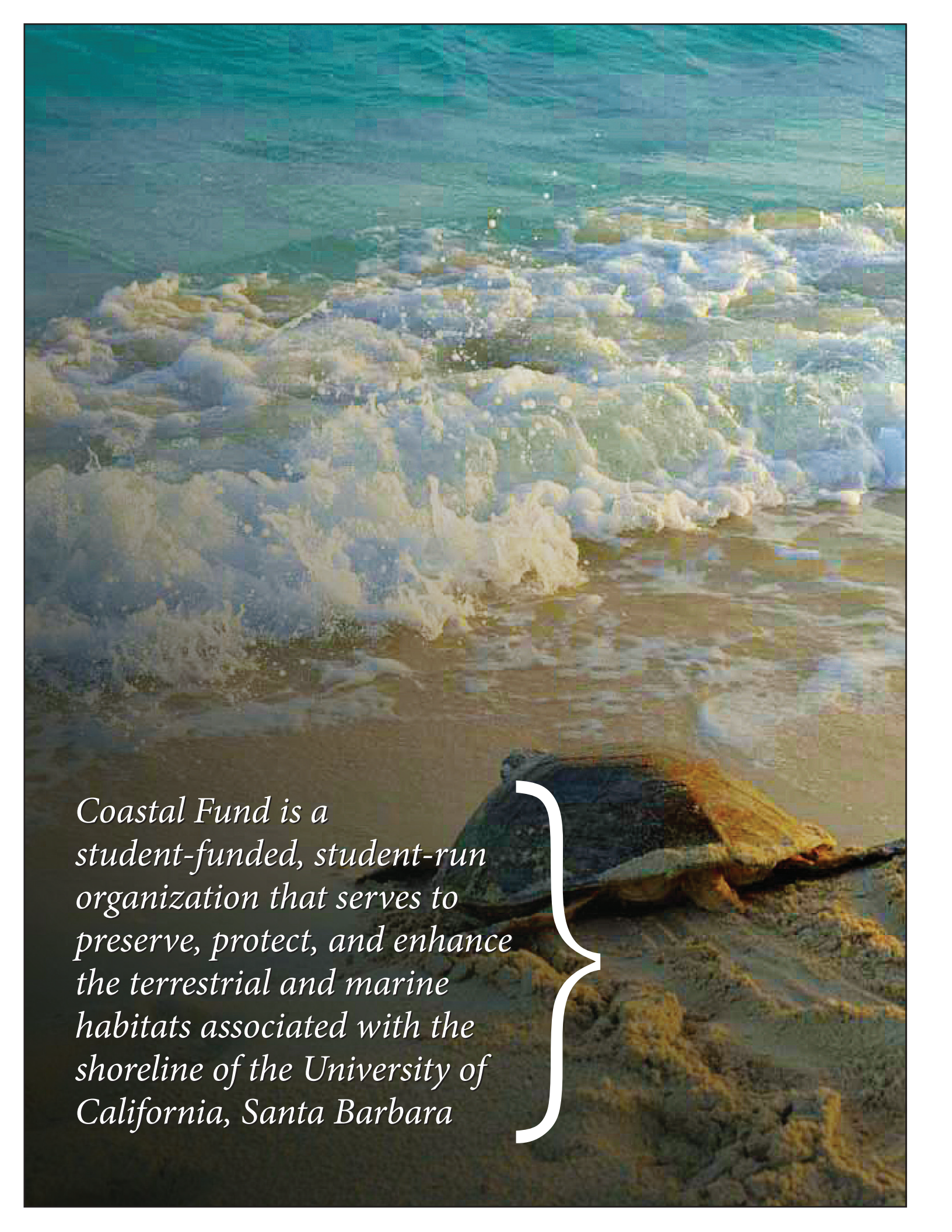
COASTAL FUND

ANNUAL REPORT

2010-11



COASTAL FUND
UC SANTA BARBARA
ASSOCIATED STUDENTS
WWW.COASTALFUND.ORG



*Coastal Fund is a
student-funded, student-run
organization that serves to
preserve, protect, and enhance
the terrestrial and marine
habitats associated with the
shoreline of the University of
California, Santa Barbara*



BACKGROUND

Coastal Fund is a student-funded, student-run organization that serves to preserve, protect, and enhance the terrestrial and marine habitats associated with the shoreline of the University of California, Santa Barbara through preservation, education, open access, research, and restoration. Through a lock-in fee every quarter, each undergraduate student pays \$5.50 and each graduate student pays \$3.00 towards Coastal Fund. The fee generates approximately \$330,000 annually, providing funds for projects, the Coastal Service Program, and outreach-education activities.

Since the inception in Fall of 1999, Coastal Fund has granted over \$2 million to 416 projects.

FUNDED PROJECTS



Coastal Fund accepts proposals for minor (<\$1000) and major (>\$1000) funding from UCSB students, faculty and community organizations that have a direct impact on the UCSB coastline. Applications are accepted in 3 cycles: Fall, Winter, and Spring quarters.

In 2010-2011, Coastal Fund received 49 applications totaling \$324,821.01.

Tour Programs at Coal Oil Point Reserve

Total Amount Distributed: \$5,980.00

Coal Oil Point Reserve (COPR) is continuing their educational and outreach program at the reserve offering guided tours to educate UCSB students, staff and community members about local coastal habitats. COPR is one of 37 reserves in the University of California Natural Reserve System. This project will allow for management support for COPR to continue expanding their tour program.

Hydrology of Bell Canyon Lagoon, Santa Barbara

Amount Funded: \$5,225.00

This study uses Distributed Temperature System (DTS) to monitor three tractable and significant hydrologic processes of a potential ecologically important coastal lagoon in Santa Barbara, Ca. This project will help researchers and individuals to understand what controls the hydrology of the beach barrier enclosed lagoons that are common in California. This work will clarify the effect of wave run-up on seepage through the beach-barrier, monitor groundwater seepage, and stratification in the lagoon.

Gray Whales Count

Amount Funded: \$7,700.00

This project is an annual, fifteen-week survey of the northbound migration of gray whales through the near shore of the Santa Barbara Channel and is conducted daily by Counters, a team of community volunteers, including students, who document observations from Counter Point in the Coal Oil Point Natural Reserve.

From Exxon Valdez to BP's Gulf Disaster: Changing the Endgame

Amount Funded: \$625.00

This grant funded Dr. Riki Ott's visit to UCSB on October 12, 2010, and allowed for a recording of her lecture to share with the wider community. Dr. Ott is a scientist, author and activist who was present and on the front lines immediately after the Exxon Valdez spill and who continued to fight for a fair settlement for the environment and the people injured by the spill and the ill-conceived "clean up" program. She shared her experience working with Alaskan and Gulf Coast communities and individuals who have suffered human health consequences as well as contamination of their coastal environment.

Arroyo Hondo Preserve Habitat Restoration & Intern Program

Amount Funded: \$10,300.00

The Arroyo Hondo Preserve is a 782-acre property on the Gaviota Coast. The Land Trust for Santa Barbara County purchased this property in 2001 and manages it for conservation and public access consistent with natural resource protection. The focus is restoration of the riparian corridor and enhanced habitat for endangered and sensitive species, including steelhead trout. The interns participate in all aspects of habitat restoration, including infill planting on the east side of the creek, invasive plant removal, seed collection, and maintenance of restoration sites.

San Clemente Restoration and Stormwater Management Interpretative Signs

Amount Funded: \$5,000.00

The project allows for 2 educational signs to be installed along the perimeter of the San Clemente Restoration and Stormwater management System project adjacent to the new 954 bed San Clemente Villages graduate housing and near the bus stop on Los Carneros Road. The signs will include information about the stormwater management system, history of the land, and local habitats. For UCSB students and the community, these two signs will bring awareness and education of the surrounding area.

FUNDED PROJECTS



Restoration Intern Training Program

Amount Funded: \$3,600.00

The Restoration Intern Training Program allows student interns to participate in CCBER restoration work in multiple sites and habitats from the Campus Lagoon Dune and Bluff restoration to Storke Wetland. Coastal Fund helps to support CCBER with 6 paid student interns per quarter who can follow-up their training with an opportunity to gain in-depth experience working with a project manager. For additional information, please visit: www.ccberr.lifesci.ucsb.edu

Campus Point Restoration

Amount Funded: \$7,500.00

With funding from the Coastal Conservancy and the Coastal Fund, CCBER will install a stairway up to campus point from campus beach. Funding for this project supports student workers and plants for the restoration associated with that stairway to enhance the area, reduce erosion and enhance the aesthetics. The area will be planted with low-growing, coastal species that are adapted to sandy soils on the site, greatly enhancing the site while also helping to keep people on the trails. For additional information, please visit: www.ccberr.lifesci.ucsb.edu

Devereux Native Tree Nursery Project

Amount Funded: \$9,700.00

With the assistance of Developmentally Disabled clients and UCSB student interns and volunteers, GVB is growing 2,000 native trees and planting an average of 500 trees annually in public areas of the Goleta Valley including the UCSB campus that will protect and enhance watersheds leading to the ocean. This grant continues their organic operations to accommodate interns interested in learning about arboriculture and greenhouse operations in addition to providing trees for volunteer planting projects. For additional information, please visit: www.goletavalleybeautiful.org/home0.aspx

Internships in Conservation and Restoration at Coal Oil Point Reserve:

Amount Funded: \$9,900.00

This project funds for student interns, which open up UCSB students' opportunities to acquire field experiences necessary to enhance their professional development. The interns learn technical, managerial, and supervisory skills within the program they participate. For more information, please visit: www.coaloilpoint.ucnrs.org/

Seabirds and Shorebirds

Amount Funded: \$1,870.00

Meet-Your-Wild-Neighbor (MYWN) inspires in children an early, life-long passion for nature and wildlife focusing on low-performing/high minority students that have few opportunities to participate in nature activities. Children learn about 8 seabird/shorebird families and their habitats through live bird visits, colorful science curriculum, a bird sound CD, storytelling and field trips that exceed California Science Curriculum Standards for each grade.

Watershed Action Program

Amount Funded: 2,107.70

This Watershed Action Program aims to increase awareness about UCSB's impact on the Santa Barbara water system and demonstrate achievable actions that can be implemented in the home or office using Ellison Hall as a model. PACES will tie actions, such as adding aerators to sink faucets and using green cleaning chemicals to broader issues of water efficiency and water quality through a series of workshops. This program awards water conservation, water quality, and education efforts among other areas; it is important and valuable.



Sandy Beach Food Web

Amount Funded: \$1,000.00

John McLaughlin and his interns are working to assemble a food web for the sandy beach system around UCSB. This project is a study that assembles a comprehensive food web for the sandy beach and dune habitats along the SB stretch of coast; the first web for this habitat on the west coast. As part of their educational outreach, a physical map of the feeding interactions between all the species on the beach will be placed at public entrances to the beaches at COP, Campus Point and Goleta Beach.

Restoring Coastal Dunes to Learn the Effects of Invasive Iceplant on Insects and other Arthropods

Total Amount Distributed: \$2,540.00

Habitat is being restored in experimental plots to investigate the effects of iceplant invasion and habitat restoration on native arthropod assemblages.

UCSB Fun in the Sun-Summer of Service (FITS-SOS)

Amount Funded: \$6,920.00

In this program, middle school students research and complete projects that focus on improving and developing new methods of beach enhancement and preservation for UCSB's surrounding beaches.

Coastal Stewardship & Policy Program

Amount Funded: \$6,115.00

This program establishes partnerships with agencies that work on coastal development issues. Interns will have the opportunity to learn about coastal policy and its applications, as well as the relevance to the ecological integrity and preservation of our shoreline.

Current Conservation Challenges and Opportunities in the Santa Barbara Channel: Shipping and Whales

Amount Funded: \$14,850.00

This program engages the UCSB community in addressing problems regarding cargo ships in the Santa Barbara Channel which create water, noise and air pollution, and collide with and kill migrating and feeding whales.

Public Education About Tar Accumulation at Coal Oil Point, a Study of Key Underlying Factors

Amount Funded: \$2,400.00

This project focuses on locating the most important tar sources in the vicinity of Coal Oil Point and UCSB to identify factors controlling the spatial and temporal variations of tar distribution on local beaches.

A Community Supported Fisheries Program for the UCSB Campus

Amount Funded: \$12,400.00

This project connects the UCSB campus community to the local fishing community by creating a Community Supported Fisheries program with access for students, staff, faculty, and Dining Services.

Assessing Habitat Linkages in Coastal Open Areas

Amount Funded: \$3,600.00

Linkages are an essential component of maintaining the value of protected area networks. This program establishes a database of wildlife use of the areas studied over time and assesses current barrier crossings.

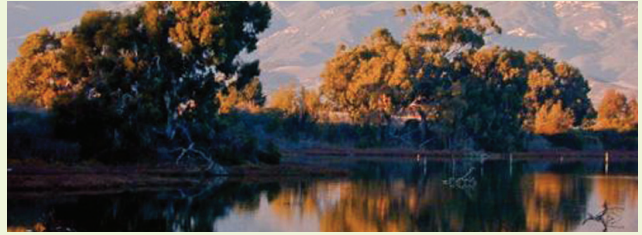
Restoring Lagoon Island with Prescribed Fire

Amount Funded: \$10,790.00

The goal of this project is to restore 1 acre of the 18 acres on Lagoon Island. The program aims to use fire to control problematic weed through experimentation and research.



FUNDED PROJECTS CONT'



Comprehensive Vernal Pool Assessment

Amount Funded: \$6,021.00

Despite good documentation about the benefits to the hydrology and plant communities, little is known about the function of the different systems for the unique suite of invertebrates associated with vernal pools. This project will conduct an assessment of vegetation and hydrology and do a comprehensive invertebrate sampling study.

Project: Kids in Nature Peer-to-Peer Environmental Education Program

Amount Funded: \$7,800.00

UCSB student interns serve as mentors for the newly enrolled UCSB students and also for the other 90 5th grade students who are part of the KIN program.

Goleta and UCSB land-use decision making and their impacts on shoreline and coastal water pollution

Amount Funded: \$3,920.00

Citizens Planning Association will engage UCSB interns to research the nexus between Goleta and UCSB land use development decisions and the health of our shoreline and coastal waters.

Feeding Morphology Educational Student/School Guidebook for Common Birds Found at Coal Oil Point Reserve

Amount Funded: \$925.00

This project will produce a guidebook that contains an engaging series of lessons for K through 8th Grade on the morphological adaptations for feeding of twelve birds commonly found in Coal Oil Point Reserve.

Explore Gaviota Coast! Fun Run and Hike

Amount Funded: \$1,000.00

In order to create public awareness of the Gaviota Coast, Engineers Without Borders put on a fun run and hike to provide people with the opportunity to go out to the Gaviota Coast and explore.

Native Algae Book

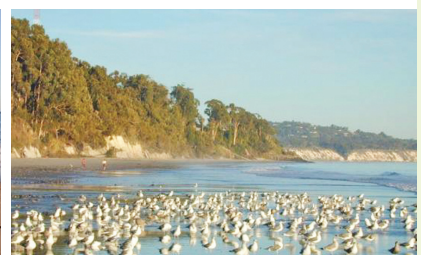
Amount Funded: \$700.00

In order to educate the public about native algae in the Santa Barbara area, a field guide will be created for interactive learning and recreational use about 35 local native algae species living in the Santa Barbara area.

Water Quality Testing Internship

Amount Funded: \$683.00

The intern collects and tests water samples from specific sites in order to analyze the quality of our coastal waters. Information will be accessible to the public through the website of both Coastal Fund and Isla Vista Surfrider.





FUNDED PROJECTS CONT'



Rise Above Plastics Internship **Amount Funded: \$300.00**

This intern helps teach the public about the negative effects that plastics have on sea life and present alternatives such as reusable containers and bags. They will hold educational events, updating Isla Vista Surfrider with events and action alerts in the community, and collaborating with other organizations to reach the goals of the Rise Above Plastics campaign.

Snowy Plover Docent Program Anniversary Booklet **Amount Funded: \$986.00**

This funding will be used to create a booklet that would commemorate the 10th year of successful nesting of snowy plovers at Coal Oil Point Reserve.

Baron Ranch West Ridge Trail Environmental Analysis **Total Amount Distributed: \$15,000**

The SBTC proposes to construct a 3.4-mile extension of the County's existing Baron Ranch Trail up the coastal front country of the Santa Ynez Mountains to the mountain crest.

Interns and Supplies for Deveraux Native Tree Nursery Project **Total Amount Distributed: \$6,390.00**

Goleta Valley Beautiful is growing 2,000 native trees and planting an average of 500 trees annually in public areas of Goleta Valley including the UCSB campus that will protect and enhance watersheds leading to the ocean.

GreenScreen Environmental Media Program **Amount Funded: \$7,450.00**

Environmental filmmakers translate pressing coastal issues in the UCSB area to a broad audience. GreenScreen prioritizes distribution, sending these videos to classes around campus, showing them on the local Santa Barbara Channels, University of California Television, at environmental film festivals and on the internet.

Reef Check California **Amount Funded: \$11,000.00**

Coastal Fund is supporting staff training and surveys, providing UCSB with increased opportunities for immersion learning, field experience, and active engagement in marine processes in California.

Recovery of Ecological Integrity at Santa Clara River **Amount Funded: \$6,975.00**

This project will research the adverse affects of invasive species on aquatic systems. It will assess how the removal of Arundo donax and re-vegetation with native species will improve water quality.

Enhancing Hands-on Environmental Analysis of the Coastal Environment **Amount Funded: \$2,779.47**

This project will deploy new sensors, barometric pressure sensors and an infrared radiometer, which will be performed with undergraduate interns and will enhance the classroom experience in several Geography courses.



FUNDED PROJECTS CONT'



Sandhoppers

Amount Funded: \$480.00

This will fund a week long summer camp at Goleta Beach centered on coastal stewardship and inter-tidal ecology.

Beaches as Threatened Ecosystems: Evaluating Trends in the Ecology of California's Sandy Beaches

Amount Funded: \$8,300.00

This project will retrieve, archive and compile historical datasets, calibrate sampling methodologies, and survey legacy sites to reconstruct a 30+ year record used to identify and evaluate trends in California's beach ecosystems.

Restoration Intern Training Program

Amount Funded: \$3,600.00

Students will participate in CCBER restoration work in multiple sites and habitats from the Campus Lagoon Dune and Bluff restoration to Storke Wetland.

Coastal Stewardship and Policy Program

Amount Funded: \$11,086.00

This program will establish partnerships with agencies that work on coastal development issues. Student interns will have the opportunity to learn about coastal policy and its applications as well as the relevance to the ecological integrity and preservation of our shoreline.

Raptor Watch: Birds of Prey of the USCB campus

Amount Funded: \$1,000.00

This project will finalize text, select photographs, and print 75 copies of Raptor Watch, a field identification guide of the birds of prey that can be found on the ecologically important habitats of the UCSB campus.

Campus Point Lifeguard Service

Amount Funded: \$8,145.00

This program provides professional lifeguard service at Campus Point during the busiest days of the summer to enhance the safety of the public.

Current Conservation Challenges and Opportunities in the Santa Barbara Channel: Ocean Acidification

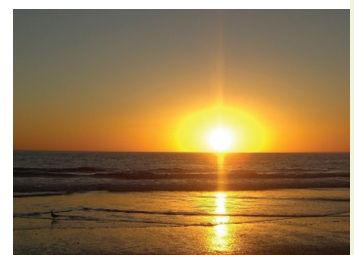
Amount Funded: \$14,000.00

This project will help develop a PSA distribution campaign and convening, filming, and disseminating an educational workshop to inform the campus community about this emerging challenge to the world's oceans.

Water Quality Testing Internship

Amount Funded: \$466.00

Intern will collect and test water samples from specific sites in order to analyze the quality of our coastal waters. The information collected will be available to the public on the Coastal Fund website as well as the Isla Vista Surfrider website.



OUTREACH & EDUCATION ACTIVITIES



Throughout the academic year, Coastal Fund has heightened visibility by actively participating in local community events and campaigns. We've also increased public awareness of coastal issues by hosting a variety of educational lectures and films.

Educational Campaigns, Films, and Lectures

Andy Keller (Founder of Chico Bags) Lecture and Q&A – October 14, 2010

RecycleMania and Bag It! Screening – March 1, 2011

Ban the Bag Week – Starting April 18, 2011

TABLING FESTIVALS AND FAIRS

Student members tabled to alert the community about paid student internships, funding opportunities, the Coastal Service Program, and educational events made possible by Coastal Fund.

Pardall Carnival

OSL Activities Fair

Isla Vista Food Co-op Country Fair

Committee on Committees Fair

Santa Barbara Earth Day

Isla Vista Earth Day

Dos Pueblos High School Earth Day

PROMOTIONAL MATERIALS

We developed distributed a wide range of well received promotional and education materials, including t-shirts, magnets, tote bags, stickers, tide calendars, bumper stickers, brochures, beaches guides, sustainable seafood guides, etc. (T-shirts, tide calendars, and brochures were ordered on this year's Outreach Budget).

LISTSERV DISTRIBUTIONS

Coastal Fund-sponsored events, funding opportunities, and available internships were listed in various campus listservs, including the Environmental Studies Department, the Bren School of Environmental Science and Management, Film & Media Studies, Environmental Affairs Board, Surfrider, and our own.

PRESS

We received press coverage across various campus and community news sources, including the Santa Barbara Independent, Noozhawk, Daily Sound, Daily Nexus, Ed Hat, KCSB, Big City Buzz, and more.



*Coastal Club is
not your typical
"Club".*



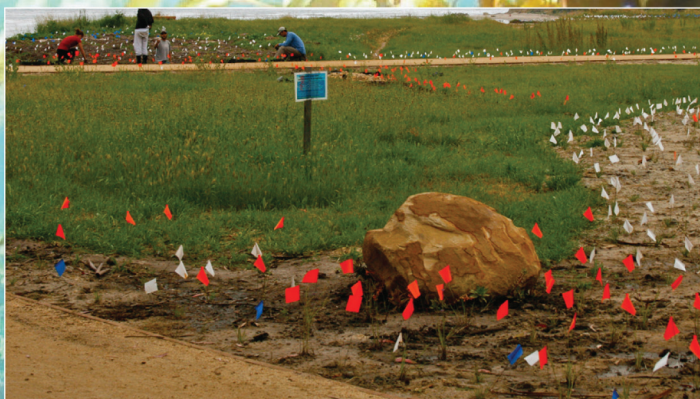
COASTAL CLUB

Coastal Club was founded in Winter 2011 and was formed for non-board members to become more involved in what Coastal Fund does. Coastal Club is not your typical "Club". Coastal Club is for those individuals who want to actively pursue and accomplish a campus-oriented Coastal Fund project. The club meets every Thursday at 5pm in the Coastal Fund office, 2nd floor MCC room 2521 and is open to anyone.

We spread Coastal Fund opportunities, put on educational events, lead tours of the completed projects and restoration areas, and more!

WEST CAMPUS BLUFFS TRAIL OPENING CEREMONY

On April 19, 2011, Coastal Fund held a ribbon cutting ceremony to celebrate the culmination of the West Campus Bluffs project. The project spanned 7 years of planning, and approximately \$350,000 in financial contributions from AS Coastal Fund, AS BIKES, and the Coastal Conservancy. The opening ceremony was held at the scenic trailhead at Del Playa Dr. and Camino Majorca in Isla Vista. Scott Bull, Jennifer Pierce, Rachel Couch, and Lisa Stratton made remarks on the overall project and it's challenges.



ANNUAL RECEPTION

On May 19, 2011, Coastal Fund held its 12th Annual Reception. All organizations and individuals funded by Coastal Fund since its inception were invited to celebrate. The event allowed people to share the successes and general accomplishments achieved through Coastal Fund-ed projects, the Coastal Service Program, and outreach-education activities.





*Coastal Fund
awarded \$20,400 to
113 different groups*

COASTAL SERVICE PROGRAM

The Coastal Service Program offers campus organizations with an opportunity to raise funds. Groups can earn \$150 for performing a beach clean-up or \$250 for doing a restoration.

During 2010-2011, Coastal Fund hosted 65 restoration events and 48 beach clean-ups. We awarded \$20,400 to 113 different groups (1,098 total participants). They picked up over 1,927 pounds of trash off our local beaches.



COMMITTEE

The 2010-2011 Coastal Fund committee was comprised of:

BOARD



Donovan Maccarone
Chair



Pilar Alomia
Undergraduate
Representative



Michelle Petitfils
Isla Vista Surfrider
Representative



Leslie Stirling
Undergraduate
Representative



Suzanne McFerran
Graduate Representative



Tanya Jones
EAB Representative



Danni Storz



STAFF



Miranda Walker
Administrative
Assistant



Alyssa Hall
Outreach &
Education
Coordinator



Alex Tamura
Coastal Service
Program
Coordinator



Emma Panish
Coastal Service
Program
Coordinator



Jennifer Verhines
Outreach &
Education
Coordinator



Erica Aguilera
Outreach &
Education
Coordinator



Taylor Fulton
EVPLA
Representative



Dina Varshavsky
Legislative
Council
Representative

The Chair and Vice Chair are reelected each quarter to provide balance to Coastal Fund operations.



Scott Bull
Grants
Manager/Advisor



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