So Does Our Partner Surfrider Foundation

A grass-roots environmental organization dedicated to the protection and enjoyment of oceans, waves and beaches through a powerful activist network.
We Want To Affect Profound Behavioral Change
You Probably Know About Surfrider From Beach Cleanups

Cool Campaigns
And Activism Surrounding Ocean & Beach Health
80% of Ocean Pollution Is Land-Based
Something More Than Cleanup and Testing Is Needed
We Have Water Supply And Water Quality Problems
Yet We Throw Away Stormwater!
Current Government Structure Doesn’t Support An Integrated Approach
We Want You To Be Confident, Engaged, Empowered!
So We Developed This Program
A watershed is the area of land where all of the water that is under it or drains off of it goes into the same place.  

US EPA
Even Though You May Be Here Today
Your Property Is Part of A Watershed

Your Landscape Choices Affect That Watershed
Start Thinking of Your Home As **A Mini-Watershed**

**Conservation**

**Permeability**

**Retention**

Apply OFG Principles of C.P.R. To Revive Waterways
C.P.R. Applies Whether You Live At The Beach...
Or Not.
Utilize OFG
Best Management Practices

- Spark Community Action
- Zero Runoff
- Improve Property Values
- Create Native Habitat
- Healthy Living Soil
- Resource Conservation

OCEAN FRIENDLY GARDEN
And Implement The Program
What does a garden have to do with the ocean?

Urban runoff is often the primary source of ocean pollution. But where does it come from? Gardens and adjacent hardscape like driveways can be a major source: pesticides and herbicides, synthetic fertilizers, sediment, oil and brake pad dust, dog poo, etc. It can run off the property during rain storms and during dry periods with sprinklers overwatering and overshoooting the landscape. The use of gas-powered equipment to mow lawns, prune and haul away over-planted vegetation also contribute to air pollution - which eventually settles into water bodies.
An Ocean Friendly Garden (OFG) is a garden that applies CPR – Conservation, Permeability, and Retention – to revive the health of our watersheds and oceans. Please tell us about your yard. Click "Instructions" button to start.

We Track
Ocean Friendly Gardens
And Give People Yard Signs When They Apply C.P.R.
We Conduct OFG Classes By Partnering With Water Agencies (Conservation) & Cities (Retention)

Here’s A West Basin MWD OFG Class In Hawthorne, CA
Where We Talk About Resource Conservation
What Are The Impermeable Surfaces?

Roof
Driveway
Sidewalk
Street
Compacted Turf
Pathway
Gutters
Unmulched Areas
Pools & Spas

And Build Awareness About Runoff
While The Internet And Social Media Play Important Roles In Getting Out The Word…
Volunteer Outreach Is The Backbone Of OFG
That Means Taking The Message To Where People Gather

Grocery Stores

Farmers’ Markets
Creating a Person-to-Person Network
To Raise Community Awareness We Developed Lawn Patrol Neighborhood Walks
Lawn Patrols Are Educational, Social And FUN!
We Train Your Eyes

- Poor Air Quality
- No Shade
- No Food Security
- No Rainwater Harvesting
- No Habitat
- Green waste
- Unused Landscape
- Evaporation
- Overspray
- Compacted Soil
- Impermeable Surfaces
- Runoff

Wasted Resources & Poor Quality of Life

Image courtesy of Santa Monica Office of Sustainability & Environment.
We Look For Gardens That Are Ocean Friendly
And Educate About Gardens That Are Not
Rainchain is connected to stormdrain. Why not redirect it into the landscape and reduce runoff? A Hands-on Workshop will show you HOW and build your confidence!

Great LEED GOLD House!
We Added Peer-to-Peer Neighborhood Based Learning

Hands-on Workshop (HOW)
Evaluate Your Site
Determine Actual Water Use
Water Use Calculations

Runoff Calculations

1 \times 748 \text{ gal.}

24 \times 748 = 18,000/\text{mo.}

1'' = 0.625 \text{ gal.}

1'' on 1000 = 625 \text{ gal.}

1450 \text{ sf. roof}

\frac{1}{2} \text{ captured =}

725 \text{ sf} = 450 \text{ gal/'' rain}

11 \times 450 = 4,950 \text{ gal.}
And Propose Design Solutions

SLOW IT

SPREAD IT

SINK IT
Then Homeowners Invite Family & Friends To Garden Raising
Surfrider Brings Media And Volunteers: GAP Workday
Homeowner Agrees To Spread The Word

Reduced Water Use by 90%
Zero Dry-Weather Runoff
Zero Wet-Weather Runoff
And The Next Lawn Patrol Starts With That OFG
Our Partners Facilitate Grant-Funded OFG Demonstration Projects

West Basin MWD: Edward C. Little Water Recycling Facility
G3 Associates Teach HOWs

Gravelpave Grid Laid on Sandy Base
Hands-On Builds Confidence
And Builds OFGs
West Basin MWD Edward C. Little Water Treatment Facility Demonstration Garden
Reduced Water Use by 80%  
Zero Dry-Weather Runoff  
Greatly Reduced Wet-Weather Runoff
People Learn Best By Doing

This Guy Heard About The HOW At The Hawthorne Class
Where Surfrider Is Also Conducting A GAP Workday

Turns Out He's The Head Librarian In Hawthorne
He Learns Many Skills Including Sheet Mulching To Remove Turf Without Chemicals
And Sees That
The Kids
Are Learning Too
He invites the librarian in Lawndale to a GAP workday at this guy’s house.
Where She Learns About OFG
And Sees How Much The Kids Are Learning Too
She Has An Idea For An OFG Demonstration Project

1,300 Sq. Ft. Lawn Behind the Lawndale Library
Together We Found Some Funding (Conservation & Retention)

West Basin MWD, Metropolitan Water District of Southern California, Surfrider, G3, Local Businesses, Teen Friends of the Library
This Guy Is Paying It Forward

To Conduct A Site Evaluation HOW
This Guy Learns To Build His Own OFG

Maintenance & Stewardship HOW
The Garden Was Built
With Paid Professionals
And Volunteers

Including These Homeowners
Reduced Water Use by 80%
Zero Dry-Weather Runoff
Zero Wet-Weather Runoff
Turns Out They Want An OFG At Their Home Too

✓ Get An OFG Design
✓ Join Surfrider
✓ Pay For Professional Design Review
✓ Pay For And Gather All Materials
✓ Invite Family, (2) Friends, & (3) Neighbors
✓ Host The Food
✓ Participate & Learn
✓ Pay It Forward
✓ Lead Lawn Patrol & Organize Events
Volunteers Bring Skills From Previous Workdays
And They Teach Others About OFG BMPs
WLAM Lawn Patrol
No ONE Organization or Agency Can Do It ALONE
When one tugs on a thing in Nature, he finds it attached to the entire world. John Muir

OFG Requires An Integrated Approach

✧ Program Content Includes Conservation & Retention

✧ Professional Leadership & Support

✧ Multiple Funding Partners

✧ Public Demonstration Gardens

✧ Multiple NGOs
ALL 22 HOMES ON THIS STREET HAVE LANDSCAPE CHOICES GOING TO THE OCEAN
CHANGE IS MADE
ONE
OCEAN FRIENDLY
GARDEN
AT A TIME