Everyone, Everywhere Can Be A Solution to Pollution.
Apply CPR: Conservation, Permeability & Retention — to properties to revive our watersheds and oceans.
Do this through education, hands-on events, & policy work.

www.oceanfriendlygardens.org

Flooding, Road Wear & Pollutants
Car oil, Metals, Pesticides, Nutrients, Sediment, Bacteria

Water Seen As A Problem: Pipe, Pave and Pollute. Urban Runoff Is #1 Source of Ocean Pollution

DID YOU KNOW THAT THIS:

CAN CONTRIBUTE TO THIS:

Properties Act Like A Sponge and Filter

① Reduces Supplemental Water
② Recharges Local Ground Water
③ Prevents Pollution and Flooding
④ Create Habitat and Beauty (& Food)

Hands-On: Learn by Seeing & Doing — Whether Going DIY or Hiring A Professional

Learning Pyramid

OFG Tools

Sign & Criteria — meets MS4 & WELO regs
Book
Map
Website
Case Study 1: Under $5,000. Homeowner Does A Lot Of The Work.

He started sheet mulching, but didn’t know to aerate the

Installing Drip Irrigation

But The Proof of the Sponge is In The Rain it Holds
December 2010 – 4” or 1,600 gallons

Creating Contours And Low Spots to SPREAD and SINK
Rain in February 2011 – 3.5” or 1,450 gallons

April 2011 – Needs 0 gallons irrigation

Reduced Water Use by 90%
Zero Dry-Weather Runoff
Zero Wet-Weather Runoff

August 2011: ALMOST NO WATERING!

September 2013

Neighborhood Walk – With OFG owner (in cowboy hat)

Scaling Up – GAP Host Helps His Neighbor
Surfrider Seeks Out Media And Volunteers

#2: La Jolla – Pros Do Design & Part Of Install. $25,000

Evaluate Your Site

Calculating A Water Budget

Landscape Plan – Professionally Done

Homeowner Invited Friends To Party + Surfrider Volunteers

1 x 748 gal
24 x 748 = 18,000/gal.
1/1000 = 625 gal.
1450 sq ft roof
1/2 captured =
725 sq ft = 450 gal/"rain"
11 x 450 = 4,950 gal

Estimate of lawn’s water need
Replaced by low-water using plants
Roof runoff could meet water needs of low-water using landscape!

Landscape Plan – Professionally Done

Homeowner Invited Friends To Party + Surfrider Volunteers

4/4/2014
Reduced Water Use by 90%
Zero Dry-Weather Runoff
Zero Wet-Weather Runoff

9 Months Later

Rainwater Directed Into Swales

1 & 1/2 Years Later

#3: Oceanside – Pros Do Design & Part of Install. $20,000

Fence and gate cost $4,500

Downspout Into Landscape
#4: Encinitas – Pro Design, Part of Install $15,000

End of Workday

1 & ½ Years Later

#5: Sunset Cliffs Pros Do Design & Part of Install. $20,000

Learning to Plant Properly

End of Workday

Another Perspective
9 Months Later

Cut The Driveway

Hire A Pro – Get Neighbors To Go In On It

Backfill With Gravel

Curb Cutting - Before

Worked With G3 and City of Ventura on Standard Design For No-Cost Permit. Show Proof of Homeowners Insurance or Insurance From Licensed Contractor.

During

After - Rain Absorbed in Mulched Basins
**Scope of Work**

- Landscape guidelines (to integrate water efficiency & watershed protection)
- Education & training
- Technical assistance
- Retrofit incentives
- Landscape materials
- Outreach & stakeholder involvement

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**Local Project Participants**

**Local Match Contributions ($350,000)**

- $86,000
- $77,250
- $64,000
- $25,250
- $28,000

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**G3 Professional Training To Teach, Consult, Coordinate**

- **Core Concepts Workshop** – Core Competency (Site Evaluation)
- **Intensive** – Certified Professional
- **Communications Workshop** – Qualified Trainer (who teach the MWD California Friendly Landscape Training, or CFLT)

California Urban Water Conservation Council’s new norm for landscaping is a Watershed Approach

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**G3-Developed Guide:**

G3 Also Creating Guidelines for Sustainable Landscapes Project (SLP)

Drought Tolerant Garden

(Linked at OFG webpage)

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