

RESOURCES FOR THE DROUGHT

FROM THE OCCIDENTAL ARTS & ECOLOGY CENTER WATER INSTITUTE

Extreme drought conditions can be mitigated by implementing water saving techniques described in the following publications. These publications were produced either by the WATER Institute alone or in collaboration with other organizations. They include extensive resource lists and are free to download online.

Roofwater Harvesting for a Low Impact Water Supply

A 27-page WATER Inst. how-to on simple residential roofwater harvesting systems at OAEC (2008)

<http://oaec.org/publications/roof-water-harvesting-for-a-low-impact-water-supply/>

Low Cost Roofwater System For Agricultural Supply: A Demonstration of Our Flexible "Wonder Gutter" System at the Occidental Arts and Ecology Center

An 11-page WATER Institute how-to on this simple agricultural roofwater catchment design (2011)

<http://oaec.org/publications/low-cost-roofwater-system/>

Legal Graywater Design For Small Scale Applications in California: A Demonstration of Laundry to Landscape and Branched Drained Systems at the Occidental Arts and Ecology Center

An 11-page WATER Institute how-to on two legal graywater designs for residential applications (2010)

<http://oaec.org/wp-content/uploads/2014/11/legalgreywater.pdf>

Integrated Stormwater Management System

A 20-page WATER Institute report on rural stormwater management (2012)

<http://oaec.org/publications/integrated-stormwater-retention-system/>

Conservation Strategy No. 1: Stream Restoration For Salmonids

A product of the Salmon Creek Water Conservation Program (2010)

<http://oaec.org/wp-content/uploads/2014/12/Stream-Restoration-for-Salmonids.pdf>

Conservation Strategy No. 2: Residential Self-Survey for Efficient Water Use (And Water Use Calculator → [Residential Water Use Calculator 44 KB xls](#))

A product of the Salmon Creek Water Conservation Program (2010)

<http://oaec.org/wp-content/uploads/2014/12/Residential-Self-Survey.pdf>

Conservation Strategy No. 3: Low Water Gardening for Rural Coastal California Communities (2010)

A product of the Salmon Creek Water Conservation Program (2010)

<http://oaec.org/wp-content/uploads/2014/12/Low-Water-Gardening.pdf>

Conservation Strategy No. 4: Stormwater Management for Coastal California Communities (2010)

A product of the Salmon Creek Water Conservation Program (2010)

<http://oaec.org/wp-content/uploads/2014/12/Stormwater-Management.pdf>

Conservation Strategy No. 5: Roofwater Harvesting for Coastal California Communities

A product of the Salmon Creek Water Conservation Program (2010)

<http://oaec.org/wp-content/uploads/2014/12/Roofwater-Harvesting.pdf>

Conservation Strategy No. 6: Conservation in the Hospitality Industry

A product of the Salmon Creek Water Conservation Program (2010)
<http://oaec.org/wp-content/uploads/2014/12/Hospitality-Industry.pdf>

Conservation Strategy No. 7: Water Rates for Rural Coastal California Communities
A product of the Salmon Creek Water Conservation Program (2010)
<http://oaec.org/wp-content/uploads/2014/12/Water-Rate-Conservation.pdf>

Conservation Strategy No. 8: Managing Water Systems in Rural Coastal California Communities
A product of the Salmon Creek Water Conservation Program (2010)
<http://oaec.org/wp-content/uploads/2014/12/Community-Water-Systems.pdf>

Slow It, Spread It, Sink It: A Homeowner's & Landowner's Guide to Beneficial Stormwater Management By Southern Sonoma County Resource Conservation District and the Resource Conservation District of Santa Cruz County (2010) <http://www.sscr.cd.org/rainwater.php>

The following are books and a video produced by WATER Institute colleagues that can help landowners rethink the way they manage their homes, landscapes and acreage to be more resilient to drought.

Creating Rain Gardens: Capturing the Rain for Your Own Water-Efficient Garden – by Cleo Woelfle-Erskine and Apryl Uncapher. Timber Press (2012)
http://www.timberpress.com/books/creating_rain_gardens/woelfle-erskine/9781604692402

Design For Water: Rainwater Harvesting, Stormwater Catchment and Alternative Water Reuse
by Heather Kinkade-Levario. New Society Publishers (2007) www.newsociety.com/bookid/3954.

Harvest the Rain: How to Enrich Your Life by Seeing Every Storm as a Resource – By Nate Downey. Sunstone Press (2010) <http://harvesttherain.com/author.html>

Harvesting Water the Permaculture Way - A DVD presented by Geoff Lawton.
“The complete introduction course to constructing a dam and swale on a small acreage farm using the principles of permaculture to harvest water passively.”
http://www.permaculture.org.au/store/water_harvesting_dvd.htm

Rainwater Harvesting for Drylands, Volume 1: Guiding Principles to Welcome Rain Into Your Life and Landscape and Volume Two: Water Harvesting Earthworks by Brad Lancaster. Rainsource Press (2006) www.Harvestingrainwater.com

The Water-Wise Home: How to Conserve, Capture, and Reuse Water in Your Home and Landscape – by Laura Allen. Storey Publishing (2015)
<http://greywateraction.org/contentpublications/#WWH>



WATER
INSTITUTE
OCCIDENTAL ARTS &
ECOLOGY CENTER

The WATER Institute develops innovative science-based solutions for communities and the environment to address the legacy of hydrologically destructive land-use practices and policies on California's watersheds, and the urgent need to address the impacts of climate change on the water cycle. For more information about the WATER Institute and our Conservation Hydrology practices go to: www.oaec.org/water