



CALIFORNIA  
NATIVE PLANT SOCIETY



# CNPS VALUE TO GLACR PARTNERS

WATER, HABITAT, HERITAGE



### Improve Water Supply

Optimize local water resources to reduce the Region's reliance on imported water.

- Conserve 117,000 AFY of water through water use efficiency and conservation measures.
- Create additional ability to pump 106,000 AFY using a combination of treatment, recharge, and storage access.
- Increase indirect potable reuse by 80,000 AFY.
- Increase non-potable reuse of recycled water by 83,000 AFY.
- Increase capture and use of stormwater runoff by 26,000 AFY currently lost to the ocean.
- Increase both centralized and distributed stormwater infiltration by 75,000 AFY.
- Develop 26,000 AFY of ocean water desalination.



### Improve Surface Water Quality

Comply with water quality regulations (including TMDLs) by improving the quality of urban runoff, stormwater and wastewater.

Develop<sup>1</sup> 54,000 AF of new stormwater capture capacity (or equivalent) spatially dispersed to reduce region-wide pollutant loads, emphasizing higher priority areas<sup>2</sup>.



### Enhance Habitat

Protect, restore, and enhance natural processes and habitats.

- Preserve or protect 2,000 acres of aquatic habitat.
- Enhance 6,000 acres of aquatic habitat.
- Restore or create 4,000 acres of aquatic habitat.



### Enhance Open Space and Recreation

Increase watershed friendly recreational space for all communities.

- Create 38,000 acres of open space.
- Create 25,000 acres of urban parks.



### Reduce Flood Risk

Reduce flood risk in flood prone areas by either increasing protection or decreasing needs using integrated flood management approaches.

- Reduce flood risk in 11,400 acres of flood prone areas by either increasing protection or decreasing needs using integrated flood management approaches.
- Remove 68 million cubic yards of sediment from debris basins and reservoirs.



### Address Climate Change

Adapt to and mitigate against climate change vulnerabilities.

- Increase local supplies by an additional 7-10% (beyond water supply target) by 2050.
- Implement "no regret" adaptation strategies
- Implement mitigation strategies that decrease emissions of GHGs

GNPS adds value



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- Increase both centralized and distributed stormwater infiltration by 75,000 AFY.
- Develop 26,000 AFY of ocean water desalination.



### Improve Surface Water Quality

Comply with water quality regulations (including TMDLs) by improving the quality of urban runoff, stormwater and wastewater.

Develop<sup>1</sup> 54,000 AF of new stormwater capture capacity (or equivalent) that is not discharged to reduce region-wide pollutant loads, emphasizing higher priority areas.



### Enhance Habitat

Protect, restore, and enhance natural processes and habitats.

- Preserve or protect 2,000 acres of riparian habitat.
- Enhance 100 acres of aquatic habitat.
- Restore or create 100 acres of aquatic habitat.



### Enhance Open Space and Recreation

Increase watershed friendly recreational space in all communities.

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# QUALITY

- 50 YEARS OF EXPERTISE
- 10,000 VOLUNTEERS
- SCIENTISTS, EDUCATORS,  
AUTHORS, CITIZENS
- LEGISLATIVE CONNECTIONS





THREE PRINCIPLES

PLANT LOCAL

# PLANT LIGHT

PLANT WELL

# PLANT LOCAL

- USE PLANTS THAT ARE AS LOCAL AS POSSIBLE AND THAT GROW TOGETHER IN NATURE
- REMOVE CONVENTIONAL, WATER-DEPENDENT LAWN AND HIGH WATER-USE NON-NATIVES
- AVOID INVASIVE PLANTS

# PLANT LIGHT

- GROUP PLANTS WITH SIMILAR NEEDS
- SPACE YOUR PLANTS PROPERLY
- USE NATURAL RAINFALL WHEREVER POSSIBLE
- DESIGN AND ADJUST SPRINKLER SYSTEM TO ONLY APPLY WATER WHERE NEEDED
- CREATE WATER GARDENS THAT RETAIN RAINFALL IN BIOSWALES AND RAIN GARDENS
- ALLOWING LEAF LITTER TO STAY IN PLACE
- GO CHEMICAL-FREE

# PLANT WELL

- INCLUDE PLANTS THAT ACT AS LARVAL HOSTS AND ARE ATTRACTIVE TO POLLINATORS
- REDUCE PRUNING TO HAVE A MINIMAL IMPACT ON WILDLIFE
- NEAR THE WUI - WILDLAND URBAN INTERFACE - CONNECT WITH YOUR LOCAL CHAPTER FOR ADVICE
- MAINTAIN YOUR GARDEN FOR FIRE SAFETY
- LEARN ABOUT NATIVE EDIBLE PLANTS
- GARDEN FOR YOUR OWN SENSE OF BEAUTY AND ENJOYMENT



# OUR PROGRAMS





# DITCH YOUR LAWN

plan

01

Learn how to organize your space, draw your design, select and buy plants, install hardscaping and design an irrigation system

remove

02

Pick the most appropriate method for removing tired old lawns and making space for your new habitat

install

03

Best practices for digging holes, planting, watering in, mulching for habitat, and programming irrigation controllers

maintain

04

Advice on pruning, seasonal maintenance, attracting wildlife, addressing issues and enjoying your garden

# EDUCATION

- WORKSHOPS
- PROFESSIONAL
- 2015 CONFERENCE - 1500 PARTICIPANTS

# GARDEN TOURS

- BRINGING BACK THE NATIVES -  
OVER 5000 ATTENDEES
- CHAPTER-DRIVEN
- PARTNER-DRIVEN
- ADDING MORE IN 2015 AND 2016

# CORPORATE CHANGE

- MANAGED LANDSCAPES
- INVOLVING EMPLOYEES
- LUNCH-AND-LEARN, HANDS-ON  
WORKSHOP RESULT IN  
DEMONSTRATION GARDENS AND  
HOMEOWNER CHANGE



THE CALIFORNIA NATIVE PLANT SOCIETY IS IS A STATE-WIDE, NON-PROFIT CONSERVATION ORGANIZATION WITH MORE THAN 9000 MEMBERS. OUR MISSION IS TO INCREASE THE UNDERSTANDING AND APPRECIATION OF CALIFORNIA'S NATIVE PLANTS AND TO CONSERVE THEM AND THEIR NATURAL HABITATS, THROUGH EDUCATION, SCIENCE, ADVOCACY, HORTICULTURE, AND LAND STEWARDSHIP. SINCE ITS FOUNDATION IN 1965, CNPS HAS BEEN A LEADER IN HABITAT PROTECTION, OPEN SPACE PRESERVATION, AND PROMOTION OF NATIVE PLANT USE IN HOME GARDENS AND LANDSCAPES.



# WATER USE AND WATER QUALITY

- REDUCE IRRIGATION
- REDUCE CHEMICAL DEPENDENCE
- REDUCE RUNOFF - DRY AND WET SEASON

# HABITAT CREATION AND CONNECTION

- CREATE LARVAL HOSTS, NOT JUST “BUTTERFLY GARDEN”
- CREATE MOSAIC HABITAT
- CREATE LINK BETWEEN OUR PAST AND OUR FUTURE



TRANSLATE THAT  
INTO GARDEN  
STYLE





*C. White Gray Plant*  
Small white flowers



WE ARE

16





NO  
OUTLET



















# PARTNERING

- CUWCC
- LOS ANGELES RIVER
- SOUTH COAST BOTANIC GARDEN
- MULTIPLE RESTORATION  
PROJECTS







CALIFORNIA  
NATIVE PLANT SOCIETY

SUSAN KRZYWICKI  
HORTICULTURE PROGRAM DIRECTOR  
CNPS

(619) 318-4590

[SKRZYWICKI@CNPS.ORG](mailto:SKRZYWICKI@CNPS.ORG)

[WWW.CNPS.ORG](http://WWW.CNPS.ORG)