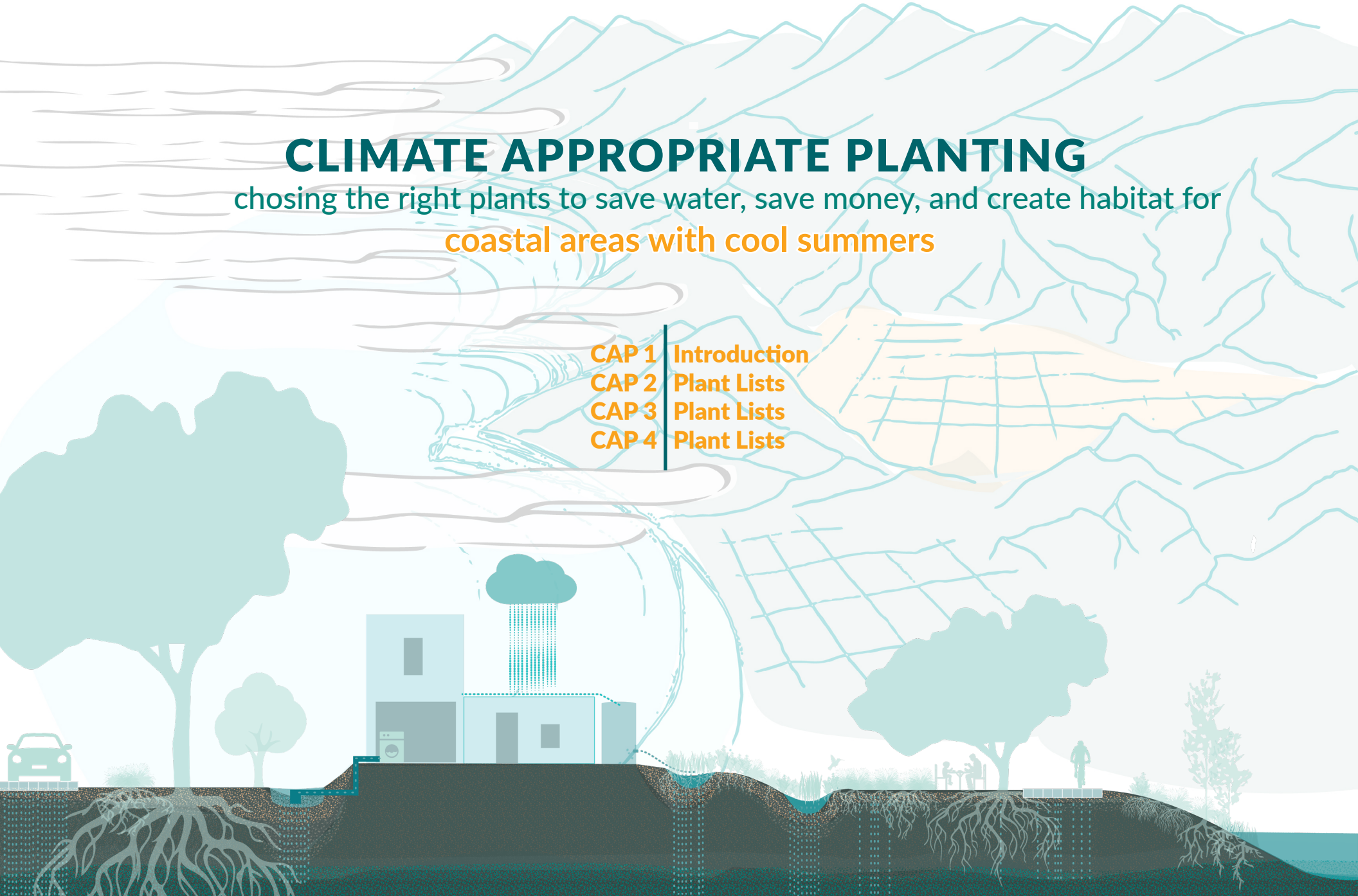




CLIMATE APPROPRIATE PLANTING

choosing the right plants to save water, save money, and create habitat for coastal areas with cool summers

- CAP 1 Introduction
- CAP 2 Plant Lists
- CAP 3 Plant Lists
- CAP 4 Plant Lists



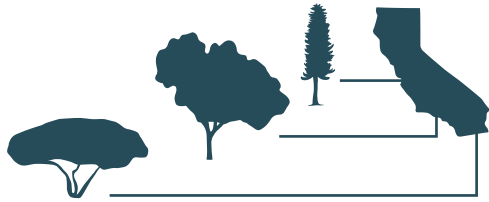
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CLIMATE APPROPRIATE PLANTING

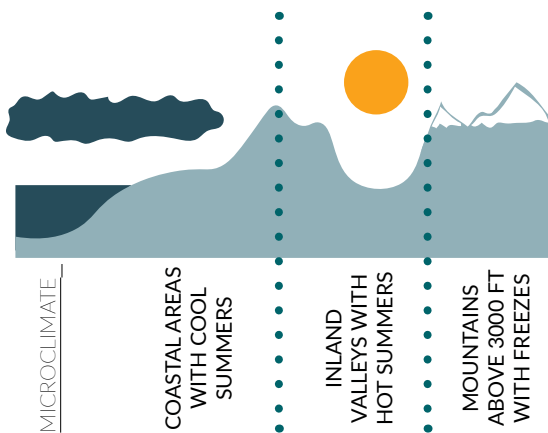
what, why, and how to plant species for coastal areas with cool summers to save water and enhance your neighborhood & ecosystem health

BASICS

California has a number of different climatic, therefore ecologic, zones that range from the desert to the redwoods. Each has a set of native and naturalized plants that are best suited to that environment and should be propagated to the benefit of other plant & animal species and water resources.



Along the Southern Californian coast, regional microclimates are defined by coastal fog, which is trapped by coastal mountains. This leaves coastal inland valleys hotter and dryer than regions sandwiched between the ocean and mountains.



We will focus here on the climate appropriate plantings of coastal areas with cool summers, such as Santa Barbara, Ventura, Oxnard, Malibu and Santa Monica.

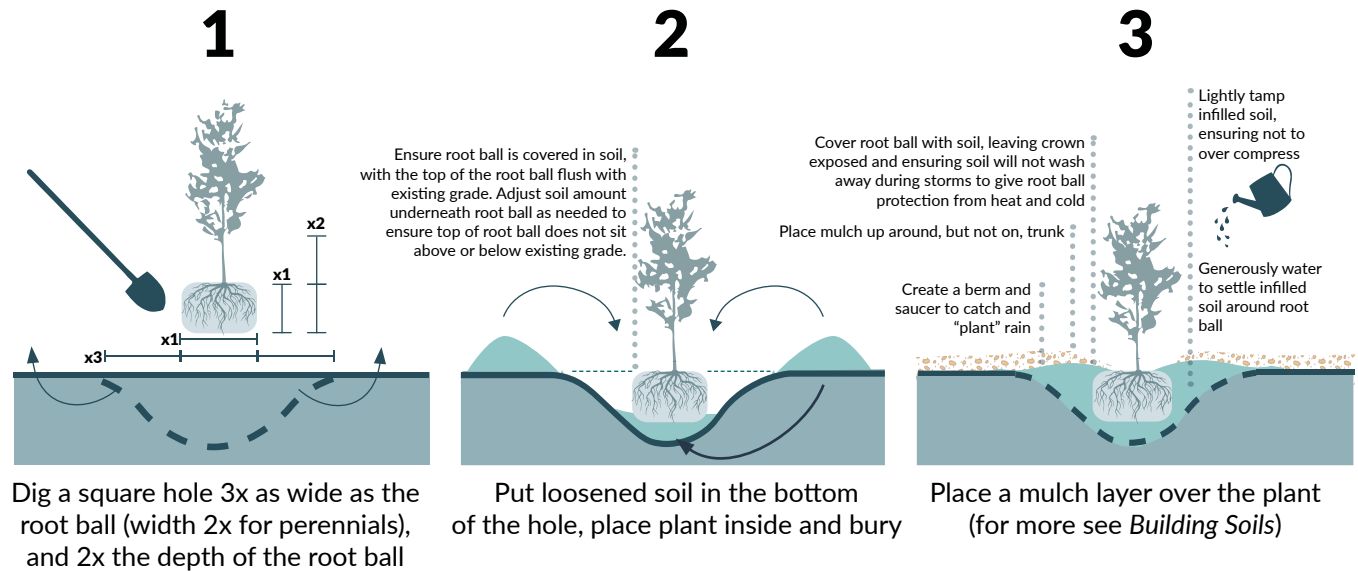
DO

- ✓ DO completely remove lawn and other exotic/invasive species before installing Climate Appropriate Planting. Maintain weeding when invasive species re-sprout. [Mulching](#) can help prevent weeds, too!
- ✓ DO consider microclimates: Observe your site. Which areas get sun or shade? Where are steep slopes or wetter drainages? What are the soil conditions? [Test your soils.](#)
- ✓ DO plant native and flowering pollinator plant species: many native and flowering plants provide critical pollinator habitat as food and shelter.

DO NOT

- ✗ DO NOT irrigate lawns or climate inappropriate species: remove and replace with plants on CAP-2, CAP-3, and CAP-4. To plant species that require more water, see [Rain Gardens: Inland Valleys](#) and [Greywater: Laundry to Landscape.](#)
- ✗ DO NOT use pesticides and herbicides! These harm pollinator species.
- ✗ DO NOT remove fallen tree leaves or over-prune. Keep leaves on the ground and postpone pruning and cutting back: instead of removing in autumn and through winter, leave them behind for pollinating insects to use for their eggs and pupae.

PLANT IN 3 EASY STEPS!

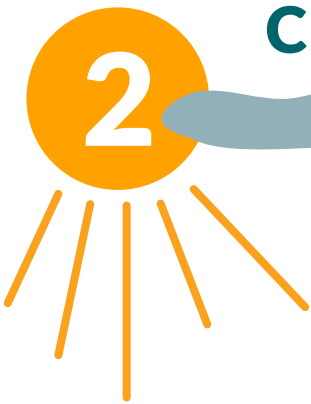


ADDITIONAL RESOURCES

Calscape www.calscape.org
 Bloom! California www.bloomcalifornia.org
 Santa Barbara Botanic Garden www.sbbg.org
 California Native Plant Society www.cnps.org

Land Resilience Partnership www.landresiliencepartnership.org
 TreePeople www.treepeople.org
 Accelerate Resilience LA www.accelerateLA.org
 Be Water Wise Ventura and Native Plant Resources

CLIMATE APPROPRIATE PLANTS



SOIL DRAINAGE

- ↓↓↓ fast
- ↓ slow
- ↓↓ adaptable

POLLINATOR

- butterfly / moth
- bird
- bee

SUN/SHADE

- full sun
- ◐ partial sun / shade
- full shade

OTHER CONSIDERATIONS

- [great with greywater irrigation](#)
- [great inside rain gardens](#)
- erosion control
- allelopathic: consult [CalScape](#) for context and companion plants

TREES



Hesperocyparis macrocarpa
Monterey Cypress

SHRUBS



Arctostaphylos catalinae
Santa Catalina Island Manzanita ⚠️

SHRUBS



Artemisia californica
California Sagebrush

PERENNIALS



Dudleya caespitosa
Coast Dudleya

GRASSES



Bromus carinatus
California Brome Grass



Lyonothamnus floribundus
Santa Cruz Island Ironwood



Baccharis pilularis
Dwarf Coyote Bush



Ceanothus arboreus
Island Ceanothus



Epilobium canum
California Fuchsia



Carex barbarae
Valley Sedge



Pinus radiata
Monterey Pine



Ceanothus thyrsiflorus
Snow Flurry Ceanothus



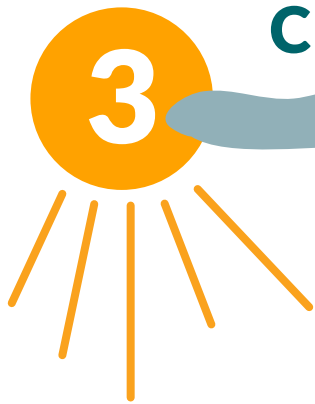
Cornus sericea
Creek Dogwood



Eriogonum grande
Red Flowering Buckwheat



Carex pansa
Sand Dune Sedge



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TREES



Prunus ilicifolia
Catalina Cherry

SHRUBS



Dendromecon rigida
Tree Poppy

SHRUBS



Encilia californica
Bush Sunflower

PERENNIALS



Heuchera maxima
Island Alum Root

GRASSES



Carex praegracilis
Clustered Field Sedge



Quercus agrifolia
Coast Live Oak ⚠️



Eriogonum californicum
California Buckwheat



Eriogonum parvifolium
Sea Cliff Buckwheat



Lessingia filaginifolia
Silver Carpet California Aster



Elymus glaucus
Blue Wildrye



Quercus tomentella
Island Oak ⚠️



Eriophyllum staechnadifolium
Seaside Woolly Sunflower



Galvezia speciosa
Island Snapdragon



Paeonia californica
California Peony



Festuca idahoensis
Idaho Fescue



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TREES

●
◐

↓↓

Umbellularia californica
Bay Laurel

SHRUBS

●
◐
○

↓↓

Keckiella cordifolia
Climbing Penstemon

SHRUBS

●

↓↓

Leptosyne gigantea
Giant Coreopsis

PERENNIALS

●
◐

↓↓

Penstemon heterophyllus
Foothill Penstemon

GRASSES

●
◐

↓↓

Festuca rubra
Red Fescue

●

↓↓

Platanus racemosa
Western Sycamore

●
◐
○

↓↓

Rhamnus californica
California Coffeeberry

●
◐

↓↓

Rhus integrifolia
Lemondade Berry

●

↓↓

Romneya coulteri
Matilija Poppy

●

↓↓

Isolepis cernua
Annual Tule

◐
●

↓↓

Juglan californica
Black Walnut ⚠

◐

↓↓

Ribes vibernifolium
Catalina Currant

●

↓↓

Salvia leucophylla
Purple Sage

●
◐

↓↓

Sisyrinchium bellum
Blue-Eyed Grass

●

↓

Juncus patens
Common Grey Rush