



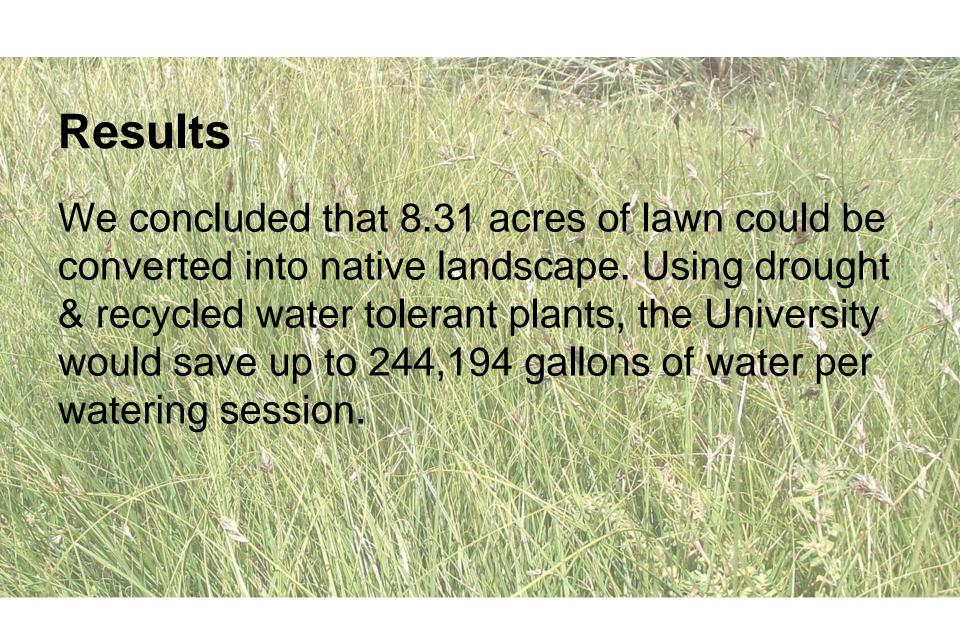
SCU prides herself on a beautiful, vibrant campus. However, as the drought becomes more urgent, the need for equally beautiful, yet more sustaining landscaping has emerged.

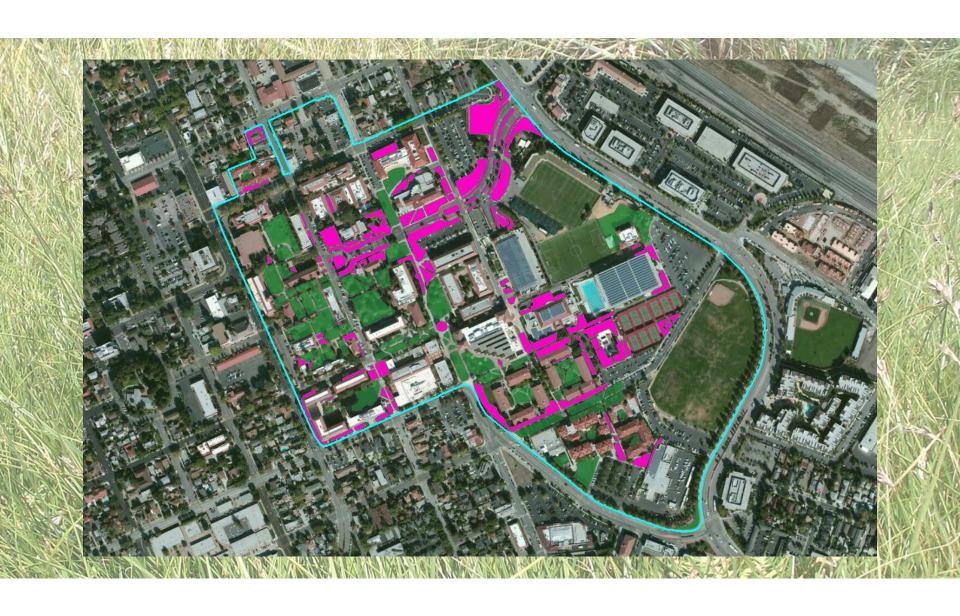
To maintain our commitment to the Santa Clara's Climate Neutrality Plan a rethinking and remodeling of the landscape on campus must be instituted.

Goals

- Repurpose all lawn areas not regularly used for special events or student recreation
- Replace current landscape with native or perennial plants that are drought &/or recycled water tolerant
- Implement gardens that increase the presence of wildlife, such as pollinators and birds
- Decrease the need and usage of pesticides and fertilizers
- Maintain the beauty and aesthetic appeal of Santa Clara University campus







Recommendations

- In high traffic areas use sedge grasses, which appear as lawn but require significantly less water & maintenance
- Create eating spots, study spaces, and wildlife hotspots
- Have Alumni donate benches and picnic tables to offset costs
- Implement only native and sustainable gardens in areas of new construction

		Recycled			Attracts				
	Drought-	Water			Pollinators/		Plant	Mature	
Species	tolerant	Tolerant	Light needs	Flowering	Birds		type	height	Notes
	1000	2000				rose/pink			along walking areas, attracts
Salvia Spathacea	X	x	partial shade	yes, Mar-May	x	flower	perrenial	2-3 ft	hummingbirds and pollinators
		1							
		1							near walking areas, in beds curerntly
		1				speckled			containing rotating annual. Beautiful
		1	partial			orange			flowering perfect for visibility during
Lilium pardalinum	х		shade/shade	yes, May-Aug	x	flowers	perrenial	1-5 ft	commencement events and orientation
						light to deep			
		1				blue,			
Penstemon		1				lavendar/purp			
speciosus	х		full sun	yes, may-july	x	le	perrenial	2 ft	attracts hummingbirds and butterflies
		1							low maintance, little leaf litter, very
Berberis		1	partial			dusty			durable. Will tolerate full sun if need
aquifollum	х		shade/shade	winter /spring	x	purple/white	shrub	3-7 ft.	be.
		1							
Cistus x purpureus	х	x	full sun	spring	x	purple	shrub	4-6 ft.	scenty!
Ceanothus									
gloriosus	х	x	sun	spring		dark blue	shrub	2-3 ft	spreads 4-6 ft
								dependent	
Ceanothus		1	sun/partial					on type, 3-	excellent for attracting wildlife, native
thyrsiflorus	х		shade	winter/spring	x	white/blue	shrub	30 ft	to the Bay area
									areas of well-drained soil; red flowers a
		1							perfect option for start of school use
Epilobium canum	x	x	sun	yes, Jul-Oct	x	red flowers	perrenial	.5-2 ft	(decrease dependence on annuals)
			sun/partial			pink/purple			line large preciously grassy areas for
Ribes malvaceum	x		shade	yes, oct-mar	x	blooms	shrub	10 ft	places of shade and interest
			sun/partial						low-lying shrub, great for walkways and
Galvesia speciosa	х	х	shade	yes, may-sept	x	red blooms	shrub	3 ft	slight visual appeal for larger areas
			sun/partial			lavendar	ground		
Salvia sonomensis	х	x	shade	yes	x	flowers	cover	1-2 ft	aromatic foliage
							ground	77	spreads 10-15 ft., blossoms are vanilla
Acacia redolens	x	х	full sun	yes, spring		yellow	cover	1-2 ft	scented.
									very low-lying (max 1 foot), has shiny
						red berries,			red berries, waxy looking leaves and
Arctostaphylos			sun/partial			white-pink	ground		white-pink blooms. great replacement
uva-ursi	x		shade	yes	x	blooms	cover	1 ft	for large stretches of turf grass

			1						为个		1
		Drought- tolerant	Recycled Water Tolerant	Light needs	Flowering	Attracts Pollinators/ Birds	Color	Plant type	Mature height	Notes	
										best to be placed in a larger space, can be used as groundcover. works fantastic in area with low soil fertitlity	
	Eschscholzia californica	x		sun	yes, cool season	x		perrenial		or areas with little soil. Will continue to germinate and act as a perrenial once established.	
	Carex tumulicola	x		either sun or	blooms in	×		sedge	6-1 ft	grows in clumps and fans out 1-2 feet. Excellent for areas that still need to	
				full sun or very slight				sedge		One of the most popular lawn substitutes in America. Resilient to many pests and disease (less biocide use!) Maintains green color despite lack of rains year round. Vey durable, even for playing sports or parking cars. Campus wide integration of this sedge in place of turf grass is highly	
小大大大大大大大大大大大大大大大大大大大大大大大大大大大大大大大大大大大大	Carex pansa	x		shade		х		grass		encouraged.	17
	Carex praegracilis		x	full sun/partial shade	blooms in spring	x		sedge grass	6-8 in	grows 6-8 inches, fans its stalks. Not quite drought tolerant but only needs moderate watering (still less than classic turf grass). Works in areas with moderate foot traffic. Good supplement for sitting areas or small patches of conversion areas.	
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We would like to extend a great thank you to Chris Young, Gary Vargas, Justen Whittall, and Cathy Blake who were all fantastic in providing us with key information for a successful project.