



**CITY OF SOUTH PASADENA  
NATURAL RESOURCES AND ENVIRONMENTAL COMMISSION  
REGULAR MEETING AGENDA**

**Council Chamber  
1424 Mission Street, South Pasadena, CA 91030**

**July 28, 2020, at 7:00 p.m.**

**PUBLIC ADVISORY: THE CITY COUNCIL CHAMBERS WILL NOT BE OPEN TO  
THE PUBLIC**

**NOTICE ON PUBLIC PARTICIPATION & ACCESSIBILITY**

Pursuant to Section 3 of Executive Order N-29-20, issued by Governor Newsom on March 17, 2020, the special meeting of the Natural Resources and Environmental Commission for **July 28, 2020** will be conducted remotely and held by video conference. The Meeting will be broadcast live on the City's local cable channel and the City's website at: [http://www.spectrumstream.com/streaming/south\\_pasadena/live.cfm](http://www.spectrumstream.com/streaming/south_pasadena/live.cfm).

Please be advised that pursuant to the Executive Order, and to ensure the health and safety of the public by limiting human contact that could spread the COVID-19 virus, the Council Chambers will not be open for the meeting. Commissioners will be participating remotely and will not be physically present in the Council Chambers.

If you would like to comment on an agenda item, members of the public may submit their comments in writing for Commission consideration by emailing them to: [nrepubliccomment@southpasadenaca.gov](mailto:nrepubliccomment@southpasadenaca.gov). **Public Comments must be received by 12 p.m., July 28, 2020** to ensure adequate time to compile and post. Public Comment portion of the email is limited to 250 words. Please make sure to indicate: 1) your name; 2) what agenda item you are submitting public comment on or if it is a general public comment; and 3) if you request for your public comment to be read at the meeting.

***South Pasadena Natural Resources and Environmental Statement of Civility***

*As your appointed governing board we will treat each other, members of the public, and city employees with patience, civility and courtesy as a model of the same behavior we wish to reflect in South Pasadena for the conduct of all city business and community participation. The decisions made tonight will be for the benefit of the South Pasadena community and not for personal gain.*

- CALL TO ORDER:** Madeline C. Di Giorgi
- ROLL CALL:** Commissioners Amy Davis Jones, William J. Kelly, Stephen Leider, Cynthia Liu, and Lauren Myles; Vice Chair Rona Bortz; and Chair Madeline C. Di Giorgi.
- COUNCIL LIAISON:** Councilmember Marina Khubesrian, MD
- STAFF PRESENT:** Julian Lee, Deputy Public Works Director  
Arpy Kasparian, Water Conservation/Sustainability Analyst  
Garrett Crawford, Public Works Operations Manager
- PLEDGE OF ALLEGIANCE** Madeline C. Di Giorgi

**PUBLIC COMMENTS AND SUGGESTIONS**

The Natural Resources and Environmental Commission (NREC) welcomes public input. Members of the public may address the NREC by emailing: [nrecpubliccomment@southpasadenaca.gov](mailto:nrecpubliccomment@southpasadenaca.gov). **Public Comments must be received by 12 p.m., July 28, 2020** to ensure adequate time to compile and post. Public Comment portion of the email is limited to 250 words. Please make sure to indicate: 1) your name; 2) what agenda item you are submitting public comment on or if it is a general public comment; and 3) if you request for your public comment to be read at the meeting.

Pursuant to state law, the NREC may not discuss or take action on issues not on the meeting agenda, except that members of the NREC or staff may briefly respond to statements made or questions posed by persons exercising public testimony rights (Government Code Section 54954.2). Staff may be asked to follow up on such items.

Note: Public input will also be read during all agenda items.

**PRESENTATION**

- 1. **City Tree Policies and Procedures**

**DISCUSSION ITEMS**

- 2. **Heat-Tolerant Trees List**

**ACTION ITEMS**

- 3. **Approval of Minutes** – Meeting of June 23, 2020

**COMMUNICATIONS**

**4. City Council Liaison Communications**

**5. Commissioner Communications**

**6. Staff Liaison Communications**

**7. Upcoming Events**

- Edible Gardening for Beginners Webinar – July 29, 6pm-7pm
- Free Household Hazardous and Electronic Waste Drive-Thru Collection Event – August 29, 9am-2pm (SPUSD Headquarters Parking Lot)
- LA County Smart Gardening Webinars – Various dates (<https://www.ladpw.org/epd/sg/webinars.cfm>)
- MWD Turf Removal + CA Native Landscape Webinars – Various dates (<https://greengardensgroup.com/turf-transformation/>)

**ADJOURNMENT**

**FUTURE NREC MEETINGS**

August 25, 2020	Virtual Zoom	7:00pm
September 22, 2020	Virtual Zoom	7:00pm
October 27, 2020	Virtual Zoom	7:00pm

**PUBLIC ACCESS TO AGENDA DOCUMENTS AND BROADCASTING OF MEETINGS**

Prior to meetings, agenda related documents and complete agenda packets are available for public inspection at online at <https://www.southpasadenaca.gov/government/boards-commissions/natural-resources-environmental-commission>. This Special Meeting will be broadcast live on Spectrum Channel 19 and AT&T Channel 99. This Special Meeting will also be streamed live via the internet at <https://www.southpasadenaca.gov/government/boards-commissions/natural-resources-environmental-commission>.

**ACCOMMODATIONS**



The City of South Pasadena wishes to make all of its public meetings accessible to the public. Meeting facilities are accessible to persons with disabilities. If special assistance is needed to participate in this meeting, please contact the City Clerk's Division at (626) 403-7230. Upon request, this agenda will be made available in appropriate alternative formats to persons with disabilities. Hearing assistive devices are available in the Council Chamber. Notification at least 48 hours prior to the meeting will assist staff in assuring that reasonable arrangements can be made to provide accessibility to the meeting (28 CFR 35.102-35.104 ADA Title II).

*I declare under penalty of perjury that I posted this notice of agenda on the bulletin board in the courtyard of City Hall at 1414 Mission Street, South Pasadena, CA 91030, and on the City's website as required by law.*

7/23/20

Date



Arpy Kasparian

Water Conservation and Sustainability Analyst

**ITEM 2**

Draft Heat-Tolerant Trees List

STREET TREE PALETTE	FAMILY	TYPE	PLANTING AREA WIDTH				ECOLOGY		HEIGHT			SPREAD			GROWTH RATE			LIFE- SPAN	SPECIAL USE		CAUTIONS			TOLERANCES				FORM				BLOOM																	
			Deciduous	Evergreen / Broadleaf	Evergreen / Conifer	Less than 4' Wide	4-6' Wide	6-10' Wide	More than 10' Wide	Water Needs (PF)	CA Native	Habitat Value	Small, Under 20'	Medium, 20-40'	Tall, More than 40'	Narrow, Under 20'	Average, 20-40'		Broad, Over 40'	Minimum Spacing	Fast	Moderate	Slow	30-60 Yrs	Over 60 Yrs	Stormwater BMP	Good Under Utilities	Fire Rating - Resistant	DO NOT USE in parkway strips or tree wells	Pests/Diseases	Produces Debris	Drought / Little or No Water	Frost (below 25 degrees)	Wind	Alkaline Soil	Pests/Diseases	Rounded	Oval	Columnar	Pyramidal	Vase	Conspicuous Flowering	Color	Spring	Summer	Fall	Winter	ISA Species Classification	
<i>Acer macrophyllum</i> Bigleaf Maple	Sapindaceae	X				X	M	X	X		X	X			X	30	X	X		X				X			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	green / yellow	X					3
<i>Agonis flexuosa and cultivars</i> Peppermint Tree	Myrtaceae		X		X	X	L		X		X				X	15	X			X						X	X	X				X						X	white	X	X					1			
<i>Albizia julibrissin and cultivars</i> Silk Tree	Fabaceae	X			X	X	L		X		X				X	25	X			X						X	X	X	X				X						X	pink / rose	X	X					3		
<i>Arbutus unedo and cultivars</i> Strawberry Tree	Ericaceae		X		X	X	X	L	X		X				X	25		X	X	X	X			X			X	X	X	X	X	X	X	X						X	white			X	X			2	
<i>Bauhinia variegata (purpurea) and cultivars</i> Purple Orchid Tree	Fabaceae	X			X	X	X	M	X		X				X	25	X			X						X	X	X				X						X	pink / purple	X				X		2			
<i>Brachychiton acerifolius</i> Australian Flame Tree	Malvaceae	X				X	L		X			X			X	30	X			X						X	X	X				X						X	red / orange	X	X					1			
<i>Brachychiton populneus</i> Kurrajong Bottle Tree	Malvaceae		X		X	X	L		X		X				X	30		X		X						X	X	X	X				X						X	white	X	X					1		
<i>Callistemon citrinus</i> Lemon Bottlebrush	Myrtaceae		X		X	X	X	L	X		X				X	20	X			X			X	X	X			X	X	X	X	X	X	X	X	X	X		X	red	X	X					2		
<i>Cassia leptophylla</i> Gold Medallion Tree	Fabaceae		X		X	X	M		X		X				X	25	X			X							X	X				X						X	yellow	X					2				

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STREET TREE PALETTE	NOTES
<i>Acer macrophyllum</i> Bigleaf Maple	prefers monthly watering; adapts to many soil types, but prefers good drainage; attracts birds, bees and butterflies; resistant to oak root fungus; susceptible to beetle borers, california flathead borer, caterpillars, sudden oak death, root rot, oak root rot, annousus root disease, white mottled roat, leaf spot and Verticillium; high root damage potential
<i>Agonis flexuosa and cultivars</i> Peppermint Tree	attracts birds; needs frequent pruning to relieve weight; susceptible to phytophthora and root rot; weeps to the ground; moderate root damage potential
<i>Albizia julbrissin and cultivars</i> Silk Tree	prefers occasional deep watering; attracts birds; susceptible to caterpillars, fusarium and root rot, moderate root damage potential
<i>Arbutus unedo and cultivars</i> Strawberry Tree	attracts birds; wildlife use fruit; resistant to oak root fungus; susceptible to scale and thrip, anthracnose, phytophthora, root rot and rust; low maintenance needs; low root damage potential; strong branch strength
<i>Bauhinia variegata (purpurea) and cultivars</i> Purple Orchid Tree	requires good drainage; attracts birds; susceptible aphids; low root damage potential
<i>Brachychiton acerifolius</i> Australian Flame Tree	produces large seedpods / fruits; susceptible to root rot; moderate root damage potential
<i>Brachychiton populneus</i> Kurrajong Bottle Tree	produces large seedpods / fruits; resistant to oak root fungus; susceptible to root rot; moderate root damage potential
<i>Callistemon citrinus</i> Lemon Bottlebrush	low care - regular pruning needed less frequently with age; attracts birds and bees; susceptible to chlorosis; low root damage potential
<i>Cassia leptophylla</i> Gold Medallion Tree	prune to shape; tendency to weep; drops large seedpods; low root damage potential

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STREET TREE PALETTE	FAMILY	TYPE	PLANTING AREA WIDTH				ECOLOGY		HEIGHT			SPREAD			GROWTH RATE			LIFE-SPAN	SPECIAL USE			CAUTIONS				TOLERANCES				FORM				BLOOM																	
			Deciduous	Evergreen / Broadleaf	Evergreen / Conifer	Less than 4' Wide	4-6' Wide	6-10' Wide	More than 10' Wide	Water Needs (PF)	CA Native	Habitat Value	Small, Under 20'	Medium, 20-40'	Tall, More than 40'	Narrow, Under 20'	Average, 20-40'		Broad, Over 40'	Minimum Spacing	Fast	Moderate	Slow	30-60 Yrs	Over 60 Yrs	Stormwater BMP	Good Under Utilities	Fire Rating - Resistant	DO NOT USE in parkway strips or tree wells	Pests/Diseases	Produces Debris	Drought / Little or No Water	Frost (below 25 degrees)	Wind	Alkaline Soil	Pests/Diseases	Rounded	Oval	Columnar	Pyramidal	Vase	Conspicuous Flowering	Color	Spring	Summer	Fall	Winter	ISA Species Classification			
<i>Cedrus deodara</i> and cultivars Deodar Cedar	Pinaceae		X		X	X	L				X	X			X	30	X									X			X	X		X	X												X					1	
<i>Cercidium floridum</i> Palo Verde	Fabaceae	X			X	X	X	VL	X	X	X	X			X	20	X			X		X	X							X	X								X	yellow	X	X						NA			
<i>Cercis canadensis</i> and cultivars Eastern Redbud	Fabaceae	X			X	X	X	M	X		X			X		20	X				X	X	X			X	X	X	X	X	X								X	pink									2		
<i>Cercis occidentalis</i> Western Redbud	Fabaceae	X			X	X	X	L	X	X	X		X			15	X				X	X	X			X	X	X	X	X	X							X	pink	X								2			
<i>Eucalyptus citriodora</i> Lemon Gum	Myrtaceae		X			X	X	L	X			X		X		30	X					X	X			X	X	X	X	X																X					3
<i>Eucalyptus ficifolia</i> Red-Flowering Gum	Myrtaceae		X				X	L	X	X	X			X	X	25		X				X				X	X	X	X	X							X	orange / pink / red	X	X	X	X	X					2			
<i>Eucalyptus leucoxylon</i> White Ironbark	Myrtaceae		X				X	L	X		X	X		X	X	25	X					X				X	X	X	X	X							X	white		X							X		1		
<i>Eucalyptus sideroxylon</i> 'Rosea' Pink Ironbark	Myrtaceae		X				X	L	X		X	X		X	X	30	X					X				X	X	X	X	X							X	pink / red		X								3			
<i>Eucalyptus torquata</i> Coral Gum	Myrtaceae		X				X	L	X		X			X		25		X				X				X	X	X	X	X							X	red / yellow		X								2			
<i>Firmiana simplex</i> Chinese Parasol Tree	Sterculiaceae	X			X	X	X	L			X	X		X	X	25		X								X	X	X	X	X							X	green / white										NA			

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STREET TREE PALETTE	NOTES
<i>Cedrus deodara</i> and cultivars Deodar Cedar	attracts squirrels; needs space for roots; needles can kill undergrowth; resistant to verticillium, susceptible to beetle borers, phytophthora, root rot and sooty mold; moderate root damage potential
<i>Cercidium floridum</i> Palo Verde	intolerant of regular watering; has thorns; attracts birds, bees and butterflies; low root damage potential
<i>Cercis canadensis</i> and cultivars Eastern Redbud	best w/some summer irrigation; attracts birds; susceptible to caterpillars and scale, anthracnose, crown rot, oak root rot, phytophthora, root rot and verticillium; low root damage potential
<i>Cercis occidentalis</i> Western Redbud	best to deep water while establishing; attracts birds and butterflies; resistant to oak root fungus; susceptible to caterpillars and scale, crown rot, phytophthora and root rot; low root damage potential
<i>Eucalyptus citriodora</i> Lemon Gum	attracts birds and bees; resistant to Texas root rot, verticillium; susceptible to beetle borers and thrip; oak root rot, phytophthora and root rot; moderate root damage potential
<i>Eucalyptus ficifolia</i> Red-Flowering Gum	attracts birds and bees; resistant to Texas root rot and verticillium; susceptible to beetle borers and thrip, oak root rot, phytophthora and root rot; moderate root damage potential
<i>Eucalyptus leucoxylon</i> White Ironbark	attracts birds and bees; resistant to Texas root rot and verticillium; susceptible to beetle borers, oak root rot and root rot; moderate root damage potential
<i>Eucalyptus sideroxylon</i> 'Rosea' Pink Ironbark	attracts birds and bees; resistant to Texas root rot and verticillium; susceptible to beetle borers and thrip, chlorosis, oak root rot, phytophthora and root rot; high root damage potential

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STREET TREE PALETTE	FAMILY	TYPE			PLANTING AREA WIDTH			ECOLOGY			HEIGHT			SPREAD			GROWTH RATE			LIFE- SPAN		SPECIAL USE		CAUTIONS			TOLERANCES			FORM					BLOOM												
		Deciduous	Evergreen / Broadleaf	Evergreen / Conifer	Less than 4' Wide	4-6' Wide	6-10' Wide	More than 10' Wide	Water Needs (PF)	CA Native	Habitat Value	Small, Under 20'	Medium, 20-40'	Tall, More than 40'	Narrow, Under 20'	Average, 20-40'	Broad, Over 40'	Minimum Spacing	Fast	Moderate	Slow	30-60 Yrs	Over 60 Yrs	Stormwater BMP	Good Under Utilities	Fire Rating - Resistant	DO NOT USE in parkway strips or tree wells	Pests/Diseases	Produces Debris	Drought / Little or No Water	Frost (below 25 degrees)	Wind	Alkaline Soil	Pests/Diseases	Rounded	Oval	Columnar	Pyramidal	Vase	Conspicuous Flowering	Color	Spring	Summer	Fall	Winter	ISA Species Classification	
<i>Geijera parviflora</i> Australian Willow	Rutaceae		X			X	X	X	L	X		X		X		25		X		X				X					X			X	X		X					X	white	X					1
<i>Gleditsia triacanthos and cultivars</i> Honey Locust	Fabaceae	X				X		X	M	X		X		X		25	X			X				X			X	X	X	X	X	X	X													NA	
<i>Koelreuteria paniculata</i> Goldenrain Tree	Sapindaceae	X				X		X	L			X		X		25		X		X		X				X	X	X	X	X	X	X							X	yellow		X				2	
<i>Lagerstroemia indica and cultivars</i> Crape Myrtle	Lythraceae	X			X	X	X	X	M	X		X		X		20		X		X	X	X				X		X	X	X	X							X	purple / pink / red / white		X				1		
<i>Laurus nobilis</i> Sweet Bay	Lauraceae		X		X	X	X	X	L	X	X	X		X	X	20			X		X			X			X		X	X	X							X	green / white / yellow		X				2		
<i>Lophostemon confertus (Tristania conferta)</i> Brisbane Box	Myrtaceae		X					X	M				X	X	X	25	X			X				X			X	X	X	X	X							X	white / cream		X				1		
<i>Magnolia grandiflora and cultivars</i> Southern Magnolia	Magnoliaceae		X					X	M	X				X		35								X		X	X	X	X	X	X	X	X	X						X	white		X	X		1	
<i>Melaleuca linariifolia</i> Flaxleaf Paperbark	Myrtaceae		X		X	X	X	X	L	X		X		X	X	25	X			X		X	X			X	X	X	X	X	X							X	white		X				2		

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STREET TREE PALETTE	NOTES
<i>Eucalyptus torquata</i> Coral Gum	attracts birds; resistant to Texas root rot and verticillium; susceptible to beetle borers, oak root rot, rhytophthora and root rot; low root damage potential
<i>Firmiana simplex</i> Chinese Parasol Tree	suceptible to scale; moderate root damage potential
<i>Geijera parviflora</i> Australian Willow	attracts bees; resistant to oak root fungus; wildlife use fruit; low root damage potential
<i>Gleditsia triacanthos and cultivars</i> Honey Locust	attracts birds and bees; leaf litter can be an issue on pavement, use thornless cultivars only; resistant to verticillium; susceptible to caterpillars, insect galls, pod gall, midge, spider mites, mistletoe, phytophthora and root rot; moderate root damage potential
<i>Koelreuteria paniculata</i> Goldenrain Tree	benefits from regular deep watering; susceptible to beetle borers, plant bug, scale, root rot and verticillium; low root damage potential
<i>Lagerstroemia indica and cultivars</i> Crape Myrtle	attracts birds and bees; resistant to Texas rot; susceptible to aphids, powdery mildew and sooty mold; low root damage potential
<i>Laurus nobilis</i> Sweet Bay	attracts birds; susceptible to psyllid, scale, phytophthora and root rot; moderate root damage potential
<i>Lophostemon confertus (Tristania conferta)</i> Brisbane Box	suceptible to scale, phytophthora and root rot; moderate root damage potential
<i>Magnolia grandiflora and cultivars</i> Southern Magnolia	attracts birds; resistant to oak root fungus; susceptible to aphids, scale, spider mites, root rot and verticillium; high root damage potential

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STREET TREE PALETTE	NOTES
<i>Melaleuca linariifolia</i> Flaxleaf Paperbark	attracts birds; susceptible to chlorosis, phytophthora and root rot; low root damage potential
<i>Melaleuca quinquenervia</i> Cajeput Tree	attracts birds; susceptible to phytophthora and root rot; low root damage potential
<i>Melaleuca styphelioides</i> Prickly Paperbark	attracts birds; resistant to oak root fungus; susceptible to phytophthora and root rot; low root damage potential
<i>Metrosideros excelsa</i> NZ Christmas Tree	attracts birds; susceptible to phytophthora and root rot; moderate root damage potential
<i>Morus alba</i> 'Fruitless' Fruitless Mulberry	heavy surface roots; resistant to Texas root rot and verticillium; susceptible to beetle borers, spider mites, white fly, chlorosis, fusarium, mistletoe, oak root rot, phytophthora and root rot; high root damage potential
<i>Olea europea and cultivars</i> Olive	plant where fruit will not stain pavement, or specify fruitless variety; attracts birds; resistant to Texas root rot; susceptible to scale, anthracnose oak root rot; phytophthora; root rot, sooty mold and verticillium; low root damage potential
<i>Parkinsonia floridum</i> (see <i>Cercidium floridum</i> ) Palo Verde	intolerant of regular watering; has thorns; value for birds, bees, hummingbirds, and butterflies; low root damage potential
<i>Parkinsonia/Cercidium</i> 'Desert Museum' Desert Museum Palo Verde	intolerant of regular watering; thornless variety; value for birds, bees, hummingbirds, and butterflies; low root damage potential
<i>Parkinsonia/Cercidium species and cultivars</i> Palo Verde	intolerant of regular watering; has thorns; value for birds, bees, hummingbirds, and butterflies; low root damage potential
<i>Pinus eldarica</i> Mondell Pine	attracts birds and squirrels; resistant to Texas root rot and verticillium; susceptible to aphids; moderate root damage potential
<i>Pinus torreyana</i> Torrey Pine	do not prune large branches; prefers well-draining soils; attracts birds and squirrels; resistant to oak root fungus, Texas root rot and verticillium; susceptible to aphids, beetle borers, spider mites, and pitch canker; moderate root damage potential
<i>Pistacia chinensis</i> Chinese Pistache	attracts birds; resistant to oak root fungus; susceptible to root rot and verticillium; low root damage potential
<i>Pittosporum angustifolium</i> Willow Pittosporum	attracts birds; susceptible to aphids, scale and sooty mold; low root damage potential
<i>Pittosporum undulatum</i> Victorian Box	attracts birds; susceptible to aphids, scale and sooty mold; low root damage potential

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STREET TREE PALETTE	FAMILY	TYPE			PLANTING AREA WIDTH			ECOLOGY			HEIGHT			SPREAD			GROWTH RATE			LIFE-SPAN			SPECIAL USE			CAUTIONS			TOLERANCES			FORM			BLOOM													
		Deciduous	Evergreen / Broadleaf	Evergreen / Conifer	Less than 4' Wide	4-6' Wide	6-10' Wide	More than 10' Wide	Water Needs (PF)	CA Native	Habitat Value	Small, Under 20'	Medium, 20-40'	Tall, More than 40'	Narrow, Under 20'	Average, 20-40'	Broad, Over 40'	Minimum Spacing	Fast	Moderate	Slow	30-60 Yrs	Over 60 Yrs	Stormwater BMP	Good Under Utilities	Fire Rating - Resistant	DO NOT USE in parkway strips or tree wells	Pests/Diseases	Produces Debris	Drought / Little or No Water	Frost (below 25 degrees)	Wind	Alkaline Soil	Pests/Diseases	Rounded	Oval	Columnar	Pyramidal	Vase	Conspicuous Flowering	Color	Spring	Summer	Fall	Winter	ISA Species Classification		
<i>Podocarpus macrophyllus</i> and cultivars Yew Pine	Podocarpaceae	X					X	M				X	X	X		20		X				X						X	X	X								X	yellow	X					2			
<i>Quercus agrifolia</i> Coast Live Oak	Fagaceae		X			X	X	VL	X	X		X	X		X	35		X						X			X	X	X	X	X															1		
<i>Quercus chrysolepis</i> Canyon Live Oak	Fagaceae		X		X	X	X	L	X	X		X	X		X	25			X							X	X	X	X	X																	1	
<i>Quercus douglasii</i> Blue Oak	Fagaceae	X			X	X	X	VL	X	X		X	X		X	25			X							X	X	X	X	X																	3	
<i>Quercus engelmannii</i> Mesa Oak	Fagaceae		X		X	X	X	VL		X		X			X	25			X					X			X	X	X	X																	1	
<i>Quercus ilex</i> Holly Oak	Fagaceae		X		X	X	X	L		X		X	X		X	30			X							X	X	X	X	X																	1	
<i>Quercus kelloggii</i> California Black Oak	Fagaceae	X				X	X	M	X	X		X	X		X	30			X							X	X	X	X	X																	1	
<i>Quercus lobata</i> Valley Oak	Fagaceae	X				X	X	M	X	X		X			X	35			X					X		X	X	X	X																		1	
<i>Quercus palustris</i> 'Village Green' Pin Oak	Fagaceae	X				X	X	M		X		X			X	35			X							X	X	X	X																			1
<i>Quercus suber</i> Cork Oak	Fagaceae		X			X	X	L		X		X	X		X	30			X					X			X	X	X																			1
<i>Quercus tomentella</i> Island Oak	Fagaceae		X		X	X	X	L	X	X		X			X	25			X							X	X	X																				NA
<i>Quercus virginiana</i> Southern Live Oak	Fagaceae		X				X	M		X		X			X	45			X							X	X	X	X	X																		1
<i>Quercus wislizenii</i> Interior Live Oak	Fagaceae		X			X	X	VL	X	X		X	X		X	30			X							X	X	X	X																			1

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STREET TREE PALETTE	NOTES
<i>Platanus mexicana</i> Mexican Sycamore	attracts birds; resistant to Texas root rot and verticillium; susceptible to beetle borers, scale, spider mites, anthracnose and powdery mildew; moderate root damage potential
<i>Platanus racemosa</i> Western Sycamore	attracts birds; resistant to verticillium; susceptible to leaf miner, scale, spider mites, anthracnose, oak root rot, phytophthora, mistletoe, apignomonina venata and root rot; moderate root damage potential
<i>Podocarpus macrophyllus and cultivars</i> Yew Pine	susceptible to mites, scale and sooty mold; low root damage potential
<i>Quercus agrifolia</i> Coast Live Oak	drops leaves in spring; attracts bird and squirrels; resistant to verticillium; susceptible to goldspotted oak borer, beetle borers, aphids; beetle grubs; caterpillars, coddling moths, insect galls, scale, whitefly, sudden oak death, crown rot, mistletoe, oak root rot, phytophthora, powdery mildew, root rot and sooty mold; high root damage potential
<i>Quercus chrysolepis</i> Canyon Live Oak	most adaptable of CA oaks to varying conditions; prefers well drained soil; attracts birds and squirrels; resistant to verticillium; susceptible to goldspotted oak borer, aphids, caterpillars, coddling moths, insect galls, california oak moth, pacific oak teig girdler, white fly, sudden oak death, crown rot, mistletoe, oak root rot and rot rot; moderate root damage potential
<i>Quercus douglasii</i> Blue Oak	good in dry, hot situations; attracts birds and squirrels; resistant to verticillium; susceptible to caterpillars, insect galls, california oak moth, gall wasp, scale, crown rot, mistletoe, oak root rot, brown rot, powdery mildew, and root rot; moderate root damage potential
<i>Quercus engelmannii</i> Mesa Oak	best with occasional deep watering; attracts birds and squirrels; resistant to verticillium; susceptible to coddling moths, insect galls, scale, crown rot, mistletoe and root rot; let soil dry between waterings; low root damage potential
<i>Quercus ilex</i> Holly Oak	best with regular watering; attracts birds and squirrels; resistant to oak root fungus and verticillium; susceptible to scale, spider mites, anthracnose and root rot; low root damage potential
<i>Quercus kelloggii</i> California Black Oak	prefers acidic soil, attracts birds, squirrels and butterflies; resistant to verticillium; susceptible to goldspotted oak borer, insect galls, carpenterworm, california oak moth, pacific oak teig girdler, oak pit scales, gall wasp, scale, sudden oak death, anthracnose, oak root rot, brown rot, annosus root disease, mistletoe, powdery mildew and root rot; moderate root damage potential
<i>Quercus palustris 'Village Green'</i> Pin Oak	less tolerant of dry conditions than most oaks; resistant to verticillium; susceptible to scale; attracts birds and squirrels; low root damage potential

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STREET TREE PALETTE	FAMILY	TYPE	PLANTING AREA WIDTH				ECOLOGY		HEIGHT			SPREAD			GROWTH RATE			LIFE-SPAN	SPECIAL USE			CAUTIONS				TOLERANCES				FORM				BLOOM										
			Deciduous	Evergreen / Broadleaf	Evergreen / Conifer	Less than 4' Wide	4-6' Wide	6-10' Wide	More than 10' Wide	Water Needs (PF)	CA Native	Habitat Value	Small, Under 20'	Medium, 20-40'	Tall, More than 40'	Narrow, Under 20'	Average, 20-40'		Broad, Over 40'	Minimum Spacing	Fast	Moderate	Slow	30-60 Yrs	Over 60 Yrs	Stormwater BMP	Good Under Utilities	Fire Rating - Resistant	DO NOT USE in parkway strips or tree wells	Pests/Diseases	Produces Debris	Drought / Little or No Water	Frost (below 25 degrees)	Wind	Alkaline Soil	Pests/Diseases	Rounded	Oval	Columnar	Pyramidal	Vase	Conspicuous Flowering	Color	Spring
<i>Rhus lancea</i> African Sumac	Anacardiaceae	X		X	X	X	L	X	X	X				X		15	X	X			X	X				X			X		X	X						X	yellow		X			2
<i>Sapium sebiferum</i> Chinese Tallow Tree	Euphorbiaceae	X			X	X	M	X		X				X		20	X	X					X			X	X		X		X	X	X				X	yellow	X				2	
<i>Sophora japonica</i> Japanese Pagoda Tree	Fabaceae	X			X	X	M					X		X		35	X		X						X			X		X	X						X	white / yellow		X			2	
<i>Spathodea campanulata</i> African Tuliptree	Bignoniaceae	X			X	X	L	X				X		X	X	25	X		X							X			X	X						X	orange / red		X	X			2	
<i>Stenocarpus sinuatus</i> Firewheel Tree	Proteaceae	X			X	X	M	X			X		X			15		X	X			X					X									X	yellow / red		X				1	
<i>Tabebuia chrysotricha</i> ( <i>Handroanthus chrysotrichus</i> ) Golden Trumpet Tree	Bignoniaceae	X			X	X	M					X	X	X	X	30	X		X			X				X		X							X	X	yellow	X					2	
<i>Tabebuia impetiginosa</i> ( <i>Tabebuia avellanedae</i> ) ( <i>Handroanthus impetiginosus</i> ) Pink Trumpet Tree	Bignoniaceae	X			X	X	M					X	X	X	X	30	X		X			X				X		X		X	X				X	X	white / pink / purple		X			X	NA	
<i>Tipuana tipu</i> Tipu Tree	Fabaceae	X			X	X	L					X		X		30	X		X			X			X	X	X	X							X	X	apricot / yellow		X	X			2	
<i>Tristania conferta</i> ( <i>Lophostemon confertus</i> ) Brisbane Box	Myrtaceae	X			X	X	M					X		X		20	X	X							X	X	X		X	X						X	white / cream		X				1	
<i>Tristaniopsis laurina</i> Watergum	Myrtaceae	X			X	X	M					X		X		15		X	X						X		X		X	X						X	yellow	X	X				1	
<i>Ulmus parvifolia</i> 'Drake' or 'Brea' Chinese Elm	Ulmaceae	X			X	X	M					X		X		35	X		X			X			X		X		X	X							N/A		X	X			1	
<i>Zelkova serrata</i> Japanese Zelkova	Ulmaceae	X			X	X	L					X		X		35	X		X						X		X	X	X	X						X	N/A						2	

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STREET TREE PALETTE	NOTES
<i>Quercus suber</i> Cork Oak	best with deep, infrequent irrigation; resistant to verticillium; susceptible to beetle borers, phytophthora and root rot; attracts birds and squirrels; moderate root damage potential
<i>Quercus tomentella</i> Island Oak	needs deep soaking every 2-3 weeks; attracts birds and butterflies; moderate root damage potential
<i>Quercus virginiana</i> Southern Live Oak	Best w/regular watering; attracts birds and squirrels; resistant to verticillium; susceptible to insect galls, oak root rot, phytophthora and root rot; moderate root damage potential
<i>Quercus wislizenii</i> Interior Live Oak	prefers monthly watering, well drained soil; susceptible to caterpillars, codling moths; insect galls; white fly, crown rot, mistletoe; powdery mildew and root rot; attracts birds, squirrels and butterflies; moderate root damage potential
<i>Rhus lancea</i> African Sumac	best with regular watering; susceptible to root rot and verticillium; fruit can be messy; attracts birds; low root damage potential
<i>Tabebuia chrysotricha (Handroanthus chrysotrichus)</i> Golden Trumpet Tree	best with regular watering; benefits from training in early years; moderate root damage potential
<i>Tipuana tipu</i> Tipu Tree	susceptible to premature leaf drop; psyllid and sooty mold; moderate root damage potential
<i>Tristania conferta (Lophostemon confertus)</i> Brisbane Box	susceptible to scale, phytophthora, and root rot; tolerates heat; moderate root damage potential
<i>Tristaniopsis laurina</i> Watergum	susceptible to scale; low root damage potential
<i>Zelkova serrata</i> Japanese Zelkova	young trees may need to be trained/pruned; tolerates wind; susceptible to beetle leaves, spider mites; somewhat resistant to dutch elm disease; moderate root damage potential

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**ITEM 3**

Approval of Minutes – June 23, 2020

**CITY OF SOUTH PASADENA**  
**NATURAL RESOURCES AND ENVIRONMENTAL COMMISSION – REGULAR MEETING**  
**MINUTES – June 23, 2020**

**CALL TO ORDER:**

The meeting was called to order at 7:00p.m. Present were: Commissioner Amy Jones, Commissioner Bill Kelly, Commissioner Stephen Leider, Vice Chair Rona Bortz, Chair Madeline Di Giorgi, and Councilmember Dr. Marina Khubesrian. Commissioner Cynthia Liu arrived to the meeting at 7:05pm. Commissioner Lauren Myles was absent. Commissioner Amy Jones left the meeting at 8:09pm. Staff present: Julian Lee, Deputy Public Works Director; Arpy Kasparian, Water Conservation & Sustainability Analyst; and Garrett Crawford, City Operations Manager.

**GENERAL PUBLIC COMMENT**

Isabela Harrington – Resident – Asked how to make progress on the bike paths outlined in the 2011 City Bike Plan. Included a presentation for the commissioners titled, “Easement Bike Project.”

Tucker Nelson – Resident – Requested not to be read during the meeting. The resident submitted a comment concerning blocking off and promoting Meridian as a destination for dining.

**DISCUSSION ITEMS:**

**1) First Review of City Tree Ordinance**

**PUBLIC COMMENT**

Jeremy Ding – Resident – Requested that the commission recommend removal of regulations surrounding “protected shrubs” and to consider the high cost and financial hardship that can be caused by having to remove, replace, and maintain trees.

The commissioners discussed the tree code with Public Works Operations Manager, Garrett Crawford. Updates to the code were suggested including: harsher penalties for illegal tree removals for developers, updating the definitions of “protected shrub” and “shrub,” including a definition of “hardship” for consideration of relaxed penalties for low-income residents, and including a classification of trees similar to the one in City of San Marino’s tree code. Other general concerns regarding tree procedures were brought up including scheduling tree removals, following up on tree replacements, and raising awareness on a resident’s responsibility regarding parkway trees.

**2) Plastic Bag Ban during Covid-19 Pandemic**

**PUBLIC COMMENT**

Tucker Nelson – Resident – Requested not to be read during the meeting. Stated that the plastic bag ban should be re-instated and provided examples of how to encourage restaurants and residents to reduce plastic use.

Kasparian gave background information on the suspension of the plastic bag ban to protect frontline workers from Covid-19. She stated that the suspension had expired and that the ban should be in effect in South Pasadena. The commissioners discussed ways to enforce customers and grocery stores to resume using reusable bags including encouraging paper bags, issuing a public statement from the City that the ban is in place, reaching out to the Chamber, and to educate customers on their options such as bagging their own groceries.

**ACTION ITEMS:**

**3) Approval of Minutes – Meeting of May 26, 2020**

**PUBLIC COMMENT**

No public comments

MOTION BY CHAIR DI GIORGI, SECOND BY COMMISSIONER KELLY, CARRIED 5-0 to approve minutes.

**COMMUNICATIONS:**

**4) City Council Liaison Communications**

Councilmember Khubesrian announced the Festival of Arts to replace the Festival of Balloons. Asked for a follow-up on the maintenance on the Nature Park and suggested the idea of adding a plaque for indigenous land acknowledgment.

**5) Commissioner Communications**

Commissioner Kelly announced that the Nature Park would like to be notified of what kind of maintenance has been done. Commissioner Leider asked for a follow up on progress on bike path signage and Councilmember Khubesrian provided an update on a grant for signage and the status of approving al fresco dining in the City. Commissioner Liu expressed support for installing an indigenous land acknowledgement plaque for the Nature Park and announced that she will have to resign from the commission since she is moving out of the City. Vice Chair Bortz also expressed support for installing an indigenous land acknowledgement plaque for the Nature Park and suggested a collaboration with Transition South Pasadena. Chair Di Giorgi announced the Compost Culture project and encouraged all to participate in National Pollinator Week.

**6) Staff Liaison Communications**

Kasparian provided several updates including the City Council approval of the Water Conservation program for FY20-21, receiving grant funds for additional water refill stations, and the Climate Action Plan survey. Kasparian also provided an update on Athens' fleet.

**7) Upcoming Events**

- National Pollinator Week – June 22 - June 28
- Climate Action Plan Survey – Deadline: 6/25/20  
(<https://southpasadenacap.rinconconsultants.com>)
- SGVCOG Energy Efficiency Webinar – 6/29/20, 1:00pm  
(<https://register.gotowebinar.com/register/385864117622077968>)
- LA County Smart Gardening Webinars – Various dates  
(<https://www.ladpw.org/epd/sg/webinars.cfm>)
- MWD Turf Removal + CA Native Landscape Webinars – Various summer dates  
(<https://greengardensgroup.com/turf-transformation>)

**ADJOURNMENT:**

Chair Di Giorgi adjourned the meeting at 8:38p.m.

I HEREBY CERTIFY that the foregoing minutes were adopted by the Natural Resources and Environmental Commission of the City of South Pasadena at a meeting held on June 23, 2020.

---

Madeline Di Giorgi, Chair

**ITEM 7**

Upcoming Events

# Free

## REMOTE LEARNING CLASS

Join the Upper San Gabriel Valley MWD  
for an interactive webinar!

### EDIBLE GARDENING FOR BEGINNERS



**Beautify Your Home**



**Practice Water Efficiency**



**Practice Sustainability**

**DATE:** Wednesday, July 29th

**TIME:** 6 - 7 pm

*Registration is required to participate.*

*Login information will be sent once registration has been confirmed.*

**CLASS TOPICS:**

- Planning
- Soil preparation
- Plant selection
- Planting
- Watering
- Weeds & pests

**Spaces are limited!**

Contact: Valeria at [Valeria@usgvmwd.org](mailto:Valeria@usgvmwd.org) or (626) 443-2298

Sponsored by:

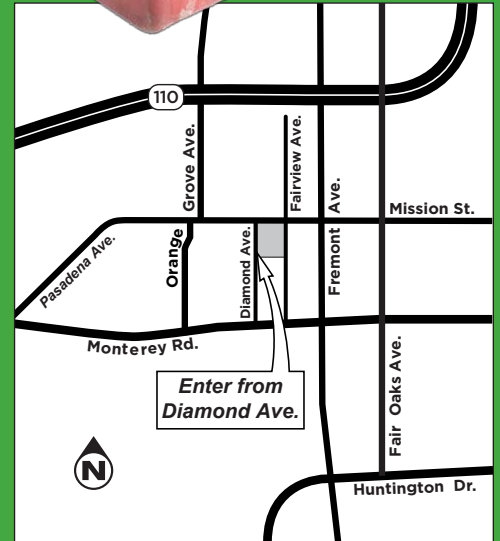


# TOO TOXIC TO TRASH



## FREE Household Hazardous and Electronic Waste Drive-Thru Collection Event

Saturday, August 29 • 9 A.M. - 2 P.M.  
 South Pasadena Unified School District  
 Headquarters Parking Lot  
 1020 El Centro Street  
 South Pasadena, CA 91030



### COVID-19 Precautions



Do not attend if you have

1. Any COVID-19 symptoms
2. Been asked to quarantine
3. Recently traveled internationally



Wear a face covering



Stay in your vehicle with windows closed, if possible

CHEMICALS



- ◆ Carefully secure items in your trunk/pick-up bed. Hazardous waste must be in your trunk/pick-up bed with no other items.

PAINTS & SOLVENTS



- ◆ Waste should be in a sturdy box, preferably in their original containers. Be prepared to leave containers.

E-WASTE



- ◆ No explosives, ammunition, radioactive materials controlled substances, trash, tires, or large appliances (like refrigerators, stoves and washing machines).

SHARPS



- ◆ Sharps disposal will require exiting your vehicle in a designated location to deposit them in a bin.

- ◆ Open to Los Angeles County residents. No business waste accepted.

- ◆ Limit of 15 gallons or 125 pounds of hazardous waste per trip.



**LOS ANGELES COUNTY SANITATION DISTRICTS**  
 Converting Waste Into Resources

Brought to you by Los Angeles County and presented by L.A. County Public Works and the Los Angeles County Sanitation Districts, in cooperation with the City of South Pasadena.

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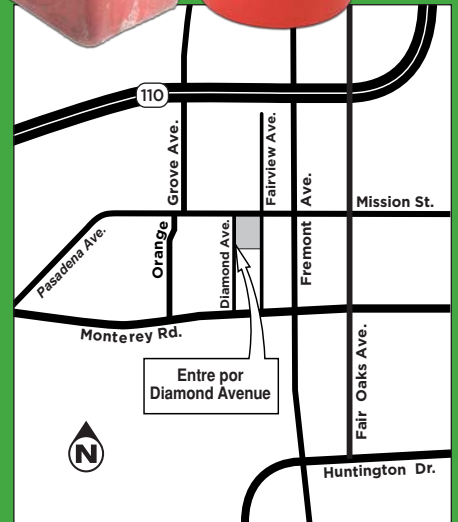
2020

# MUY TÓXICO PARA LA BASURA



## Evento gratuito de recolección (drive-thru) de desechos electrónicos y tóxicos del hogar

Sábado 29 de agosto • 9 A.M. - 2 P.M.  
Oficina Central del Distrito Escolar  
de South Pasadena  
1020 El Centro Street  
South Pasadena, CA 91030



### Precauciones de COVID-19



No asista si

1. Tiene cualquier síntoma de COVID-19
2. Le han pedido que se ponga en cuarentena
3. Recientemente viajó internacionalmente



Use un cobertor  
facial



Permanezca en su  
vehículo con las  
ventanas cerradas,  
si es posible.

QUÍMICOS



- ◆ Asegure los artículos en su cajuela cuidadosamente. Los desechos peligrosos deben estar en su cajuela sin otros artículos.

PINTURA Y  
SOLVENTES



- ◆ Traiga los artículos en una caja resistente, preferiblemente en sus envases etiquetados originales. Prepárese para dejar los envases y las cajas.

DESECHOS  
ELECTRÓNICOS



- ◆ No se permiten explosivos, municiones, materiales radioactivos, sustancias controladas, basura, llantas o grandes aparatos (como refrigeradores, estufas y lavadoras).

- ◆ El desecho de objetos punzantes requerirá salir de su vehículo en un lugar designado para depositarlos en un contenedor.

OBJETOS  
PUNZANTES



- ◆ Disponible para los residentes del Condado de Los Ángeles. Desechos de negocios no serán aceptados.

- ◆ Límite de 15 galones o 125 libras de desechos tóxicos por viaje.



LOS ANGELES COUNTY  
SANITATION DISTRICTS  
*Converting Waste Into Resources*

Patrocinado por el Condado de Los Ángeles, y presentado por Obras Públicas del Condado de Los Ángeles y los Distritos Sanitarios del Condado de Los Ángeles en cooperación con la Ciudad de South Pasadena.

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2020





## Webinars




















Join us for free webinars to beautify your home and garden. Webinars are approximately 45 minutes followed by a 15 minute period to answer questions and take orders for **compost bins**. We offer these four subjects:

**Intro to Composting:** Learn the basics of using backyard and worm composting systems to create a rich soil amendment to nourish your garden.

**Water-wise Gardening:** Guidance on creating a beautiful drought-tolerant landscape, as well as grasscycling for responsible lawn care.

**Organic Gardening:** How to build healthy soil, grow fruits and vegetables, and address common plant pests and diseases using organic methods.

**Small-space Gardening:** Learn to grow edible and decorative plants in containers and set up a small-space worm composting system.

 <b>Intro to Composting</b>	 <b>Water-wise Gardening</b>	 <b>Organic Gardening</b>	 <b>Small-space Gardening</b>
<p>* <b>June 17, 2020</b>            Wednesday, 6 - 7 p.m.  <a href="#">Register here</a></p>	<p> <b>June 18, 2020</b>            Thursday, 9 - 10 a.m.  <a href="#">Register here</a></p>	<p> <b>June 20, 2020</b>            Saturday, 10 - 11 a.m.  <a href="#">Register here</a></p>	<p> <b>June 24, 2020</b>            Wednesday, 6 - 7 p.m.  <a href="#">Register here</a></p>
<p>* <b>June 25, 2020</b>            Thursday, 9 - 10 a.m.  <a href="#">Register here</a></p>	<p> <b>June 27, 2020</b>            Saturday, 10 - 11 a.m.  <a href="#">Register here</a></p>	<p></p>	<p></p>
<p></p>	<p></p>	<p> <b>July 1, 2020</b>            Wednesday, 6 - 7 p.m.  <a href="#">Register here</a></p>	<p> <b>July 2, 2020</b>            Thursday, 9 - 10 a.m.  <a href="#">Register here</a></p>
<p>* <b>July 11, 2020</b>            Saturday, 10 - 11 a.m.  <a href="#">Register here</a></p>	<p> <b>July 15, 2020</b>            Wednesday, 6 - 7 p.m.  <a href="#">Register here</a></p>	<p> <b>July 16, 2020</b>            Thursday, 9 - 10 a.m.  <a href="#">Register here</a></p>	<p> <b>July 18, 2020</b>            Saturday, 10 - 11 a.m.  <a href="#">Register here</a></p>
<p>* <b>July 22, 2020</b>            Wednesday, 6 - 7 p.m.  <a href="#">Register here</a></p>	<p> <b>July 23, 2020</b>            Thursday, 9 - 10 a.m.  <a href="#">Register here</a></p>	<p> <b>July 25, 2020</b>            Saturday, 10 - 11 a.m.  <a href="#">Register here</a></p>	<p> <b>July 29, 2020</b>            Wednesday, 6 - 7 p.m.  <a href="#">Register here</a></p>
<p>* <b>July 30, 2020</b>            Thursday, 9 - 10 a.m.  <a href="#">Register here</a></p>			

## Metropolitan Water District FREE Webinars:

[California Friendly and Native Plant Landscaping](#)

[Turf Removal and Garden Transformation](#)

Various dates all summer long!

Register at [greengardensgroup.com/turf-transformation](http://greengardensgroup.com/turf-transformation)

### Part 1

#### California Friendly and Native Plant Landscaping Training

Option 1 helps you get a gorgeous garden by understanding the principles of California Friendly and native plant landscapes. What makes a landscape watershed wise, and how do you start planning your project?

In this workshop you will learn how to:

1. Look at Your Yard as a Mini-watershed
2. Create a Living Soil Sponge that Holds onto Water
3. Treat Rainwater as a Resource by Contouring the Land to Capture it
4. Select and Arrange Plants to Maximize Biodiversity and Minimize Water Use
5. Control Your Irrigation to Minimize Water Waste

REGISTER

### Part 2

#### Turf Removal and Garden Transformation Workshop

Option 2 digs into the process of removing grass from your yard, selecting and planting climate-appropriate plants, and making sure your garden is healthy for the long-haul.

In this workshop you will learn how to:

1. Evaluate the Opportunities in Your Landscape
2. Plan for your Garden Transformation
3. Identify the Type of Turf Grass in Your Yard
4. Remove Grass Without Chemicals
5. Building Healthy Living Soil
6. Select Climate-appropriate Plants that Minimize Water and Maximize Beauty and Biodiversity
7. Implement a Maintenance Schedule that Keeps Your Yard Gorgeous All Year 'round

REGISTER