J.1 – Increasing Tree Canopy

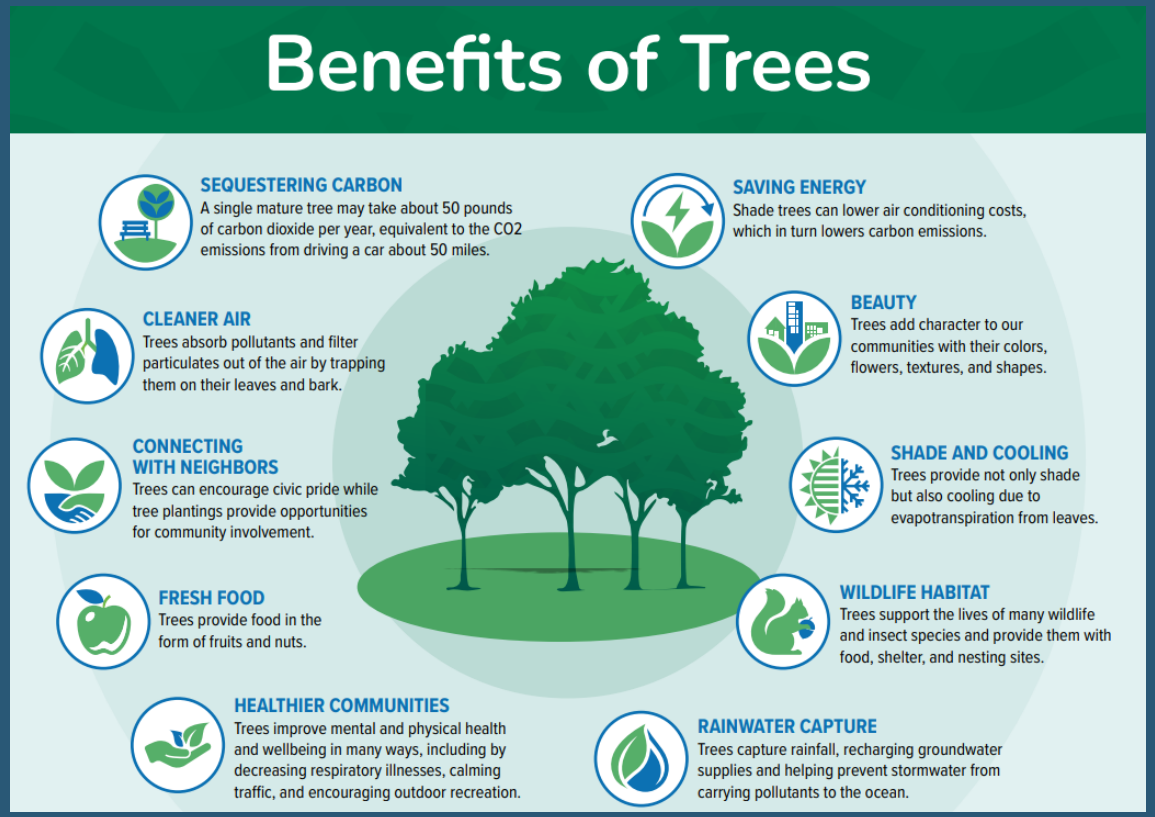
Discussion on Strategies

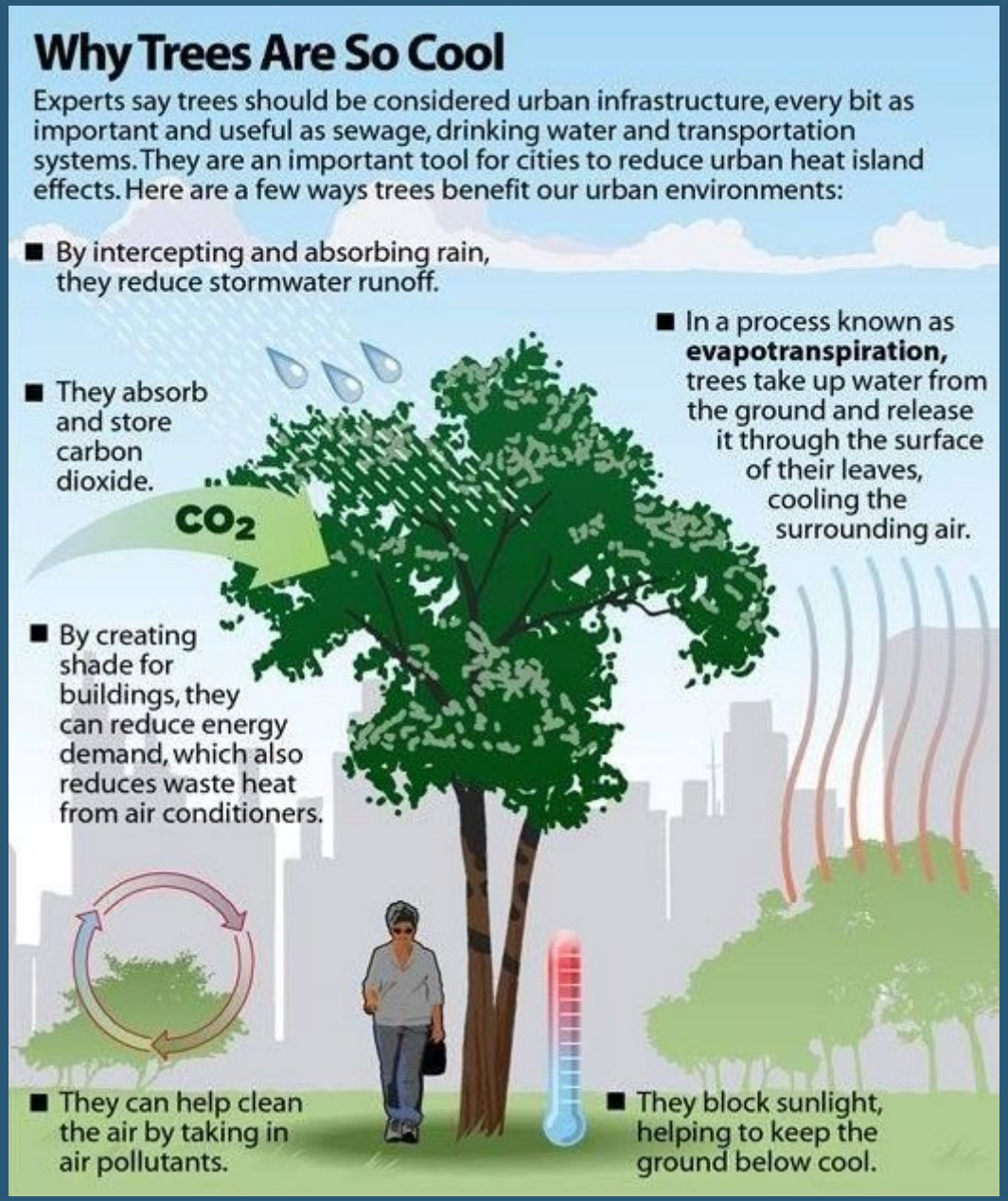
REDONDO BEACH

Public Works and Sustainability Commission
September 22, 2025

Background

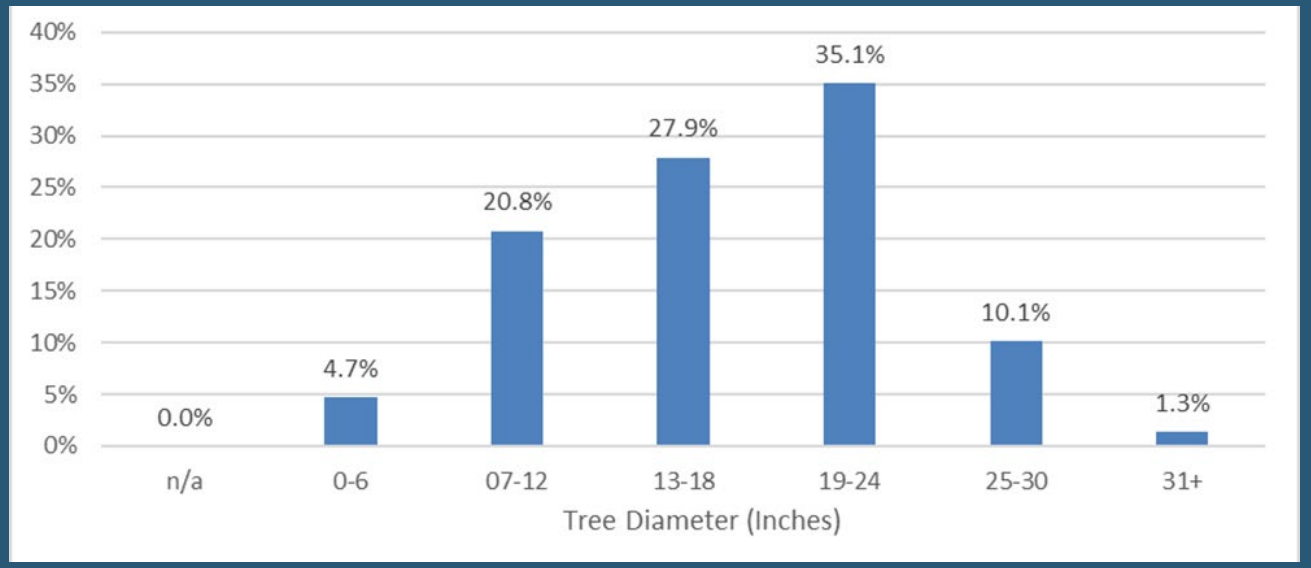
- Strategic Plan Item
- City Tree Protection Ordinance
- Tree Canopy Benefits



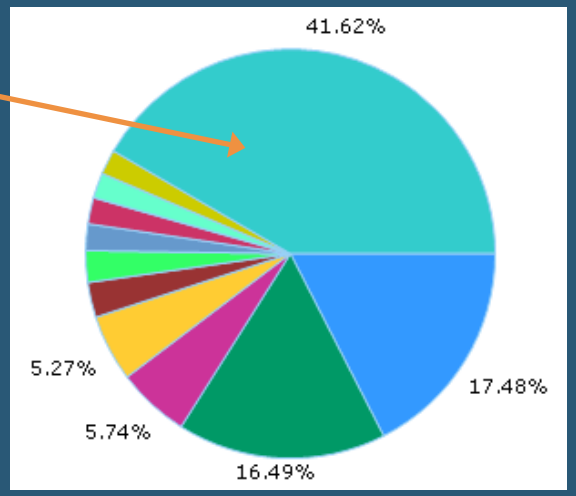


Redondo Beach Urban Forest

- Over 11,300 City Owned Trees
- Broad Species Diversity
- Age Distribution Balance



216 “Other” Species



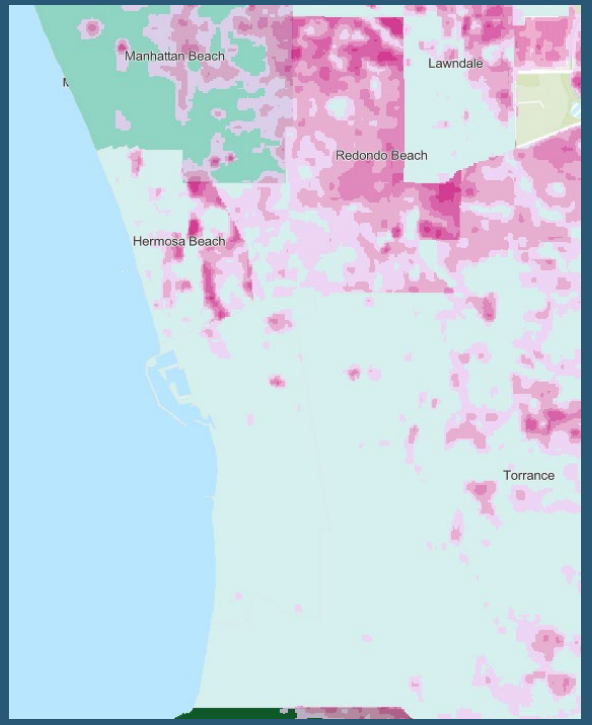
Top 10 Species

	Botanical	Common	Total	Pct.
	Washingtonia robusta	MEXICAN FAN PALM	1,986	17.48%
	Magnolia grandiflora	SOUTHERN MAGNOLIA	1,874	16.49%
	Ulmus parvifolia	CHINESE ELM	652	5.74%
	Metrosideros excelsa	NEW ZEALAND CHRISTMAS TREE	599	5.27%
	Archontophoenix cunninghamiana	KING PALM	315	2.77%
	Lagerstroemia indica	CRAPE MYRTLE	284	2.50%
	Schinus terebinthifolius	BRAZILIAN PEPPER	238	2.09%
	Cupaniopsis anacardioides	CARROTWOOD	236	2.08%
	Melaleuca quinquenervia	CAJEPUT TREE	227	2.00%
	Lophostemon confertus	BRISBANE BOX	223	1.96%
	Other	OTHER	4,730	41.62%
	Total Trees		**11,364**	**100%**

REDONDO BEACH

RB Canopy Coverage

- USDA/USFS data available
- RB is below state average
- Refinement as a first step
- Goals and timelines



Legend

UHI (Urban Heat Island) Severity 2023

Urban Heat Island Severity 2023 - City

Image

Value

- Mild
- Mild to Moderate
- Moderate
- Moderate to High
- Severe

City of Redondo Beach

Zoom to

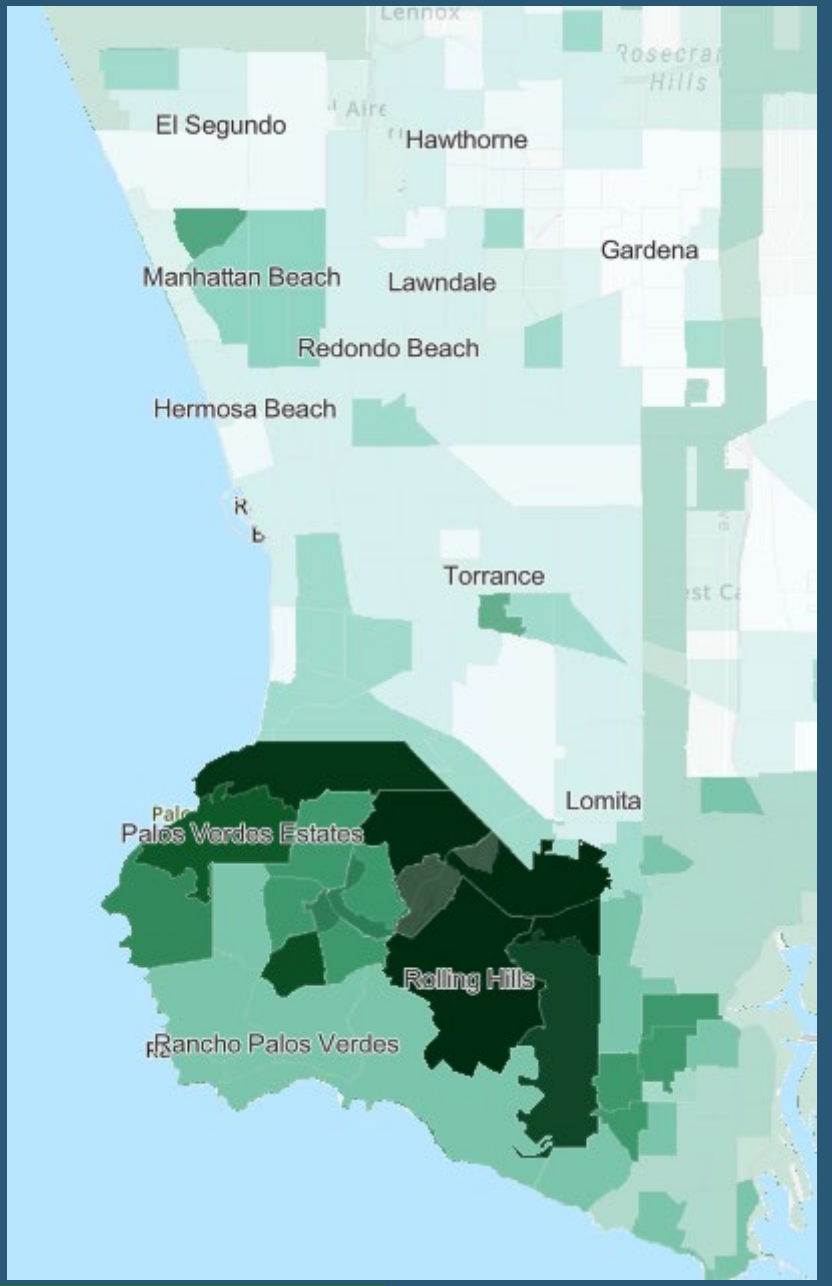
Percent Urban Canopy Cover 2022	8.3
Urban Canopy Acres 2022	329.6
Percent Urban Canopy Cover 2018	9.7
Urban Canopy Acres 2018	385.0
Percent Change in Urban Canopy Acres from 2018 to 2022	-14.4
Change in Acres of Urban Canopy from 2018 to 2022	-55.4

Legend

Statistics by City

Percent Urban Canopy Cover 2022

- Very High
- High
- Just Above State
- Just Below or Near Statewide Level
- Low
- Very Low



REDONDO BEACH

USDA California Urban Tree Canopy Viewer

City Owned Trees

- Tree Protection Ordinance
- Approved Species List
- Standard of Care - Policy Manual
- Planting Programs

TREE CITY USA®
An Arbor Day Foundation Program

RBMC §5-11

Chapter 11 **TREE PROTECTION AND PRESERVATION**

- § 5-11.01 **Purpose.**
- § 5-11.02 **Definitions.**
- § 5-11.03 **Public trees—Prohibited activities.**
- § 5-11.04 **Public trees—Non-development requests to remove.**
- § 5-11.05 **Public trees—Development related requests to remove.**
- § 5-11.06 **Protection of public trees during construction.**
- § 5-11.07 **Public trees—Exemptions.**
- § 5-11.08 **Public trees—Violations and penalties.**
- § 5-11.09 **Public trees—Fee schedule.**
- § 5-11.10 **Public trees—Appeals.**
- § 5-11.11 **Public trees—Lists of favored and disfavored trees.**
- § 5-11.12 **Public trees—Policies and guidelines.**

---

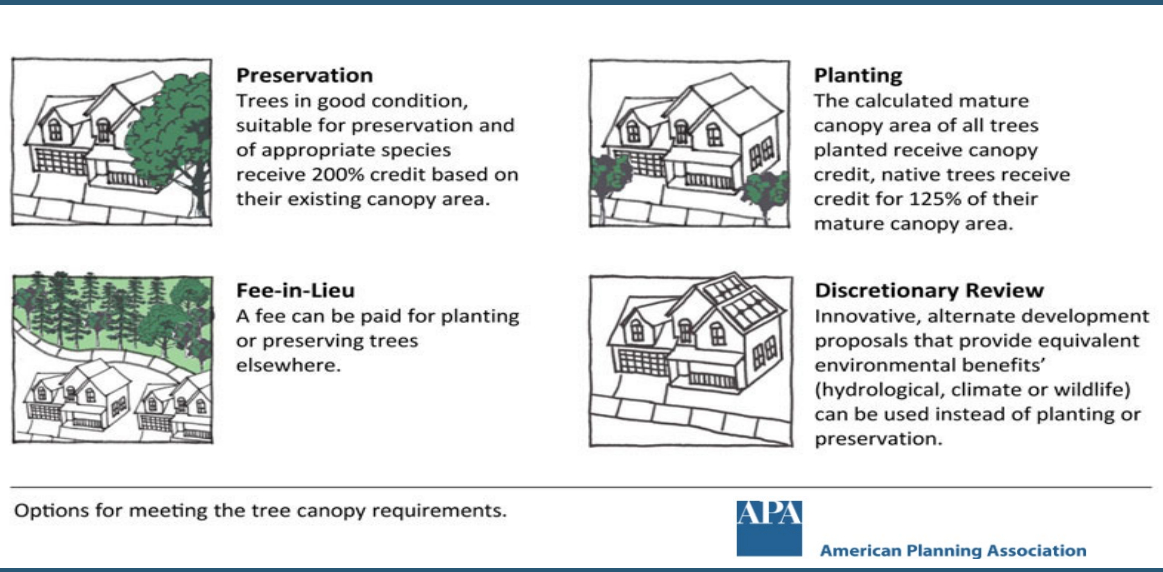
§ 5-11.01 **Purpose.**

Tree protection and preservation is necessary for the health and welfare of the City. Trees g
resource which help define the character of the City, and provide many social, economic,
worthy of protection in order to preserve the scenic beauty, prevent soil erosion, provide

REDONDO BEACH

Privately Owned Trees

- Development Opportunities / Conditions
- Preservation Requirements
- Necessary Partnership



Land Use	Parcel Count
Single Family Residential	8,268
2-3 Unit Residential	3,512
4 or More Unit Residential	1,520
Mixed Use Residential/Commercial	41
Sum Residential	*13,341*
Commercial	*616*
Industrial	*78*
Institutional	*85*
Parks and Open Space	67
Utility and Open Space	23
Sum Open Space	*90*
Utility	44
Vacant	83
Total Parcels	*14,337*

Property Type	Area - Acres
City ROW	894
City Owned Parcels	185
Sum City Area	*1079*
Privately Owned Parcels	*2932*
TOTAL AREA IN CITY	*4010*
Percentage City Controlled	**27%**

REDONDO BEACH

Strategic Approach

- Urban Forest Management Plan – Long Term approach – 2 to 4 decades
  - Data Driven - forest assessment, public engagement, social context
  - Social Equity – land use, resident values, shared vision
  - Biodiversity – interaction with built environment, setting, health and safety
  - Agency Management – maintenance & planting standards
  - Economic Drivers and Opportunities

- Priority Plan – Emphasis on moving the needle – 5 to 10 years
  - Local canopy assessment and potential
  - Identification of priority areas – spatial and administrative
  - Public surveys and presentations
  - Funding commitments & sources

- Quick Action – What we can do now – 1 to 2 years

RECOMMENDATION

- Provide input regarding priorities, scope, values, and strategies for staff to present to City Council

- Other recommendation(s) as determined by the PWSC