EQSC Tree & Shade Update

Dec 2019

Past Actions

- Completion of a Community Forest Assessment (2014)
- Adoption of the Walkable Urban Code (2016)
- Significant Education and Awareness

African Sumac

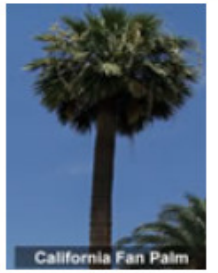
Allepo Pine

Arizona Ash

Arizona Sycamore

Australian Bottle Tree

Blue Palo Verde


California Fan Palm

Shoe String Acacia

Thornless Honeylocust

Canary Island Date Palm

Carob Tree

Chaste Tree

Chilean Mesquite Tree

Chinese Elm

Chinese Pistach

Coolibah Tree

Silk Oak

White Mulberry

Date Palm

Desert Fern

Desert Willow

Honey Mesquite

Indian Rosewood

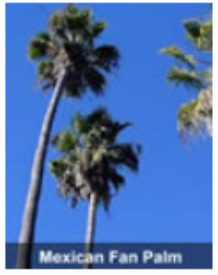
Ironwood Tree

Little Leaf Palo Verde

Sweet Acacia

Willow Acacia

Live Oak


Mexican Fan Palm

Mexican Palo Verde

Mondell Pine

Olive

Palo Brea

Red Gum

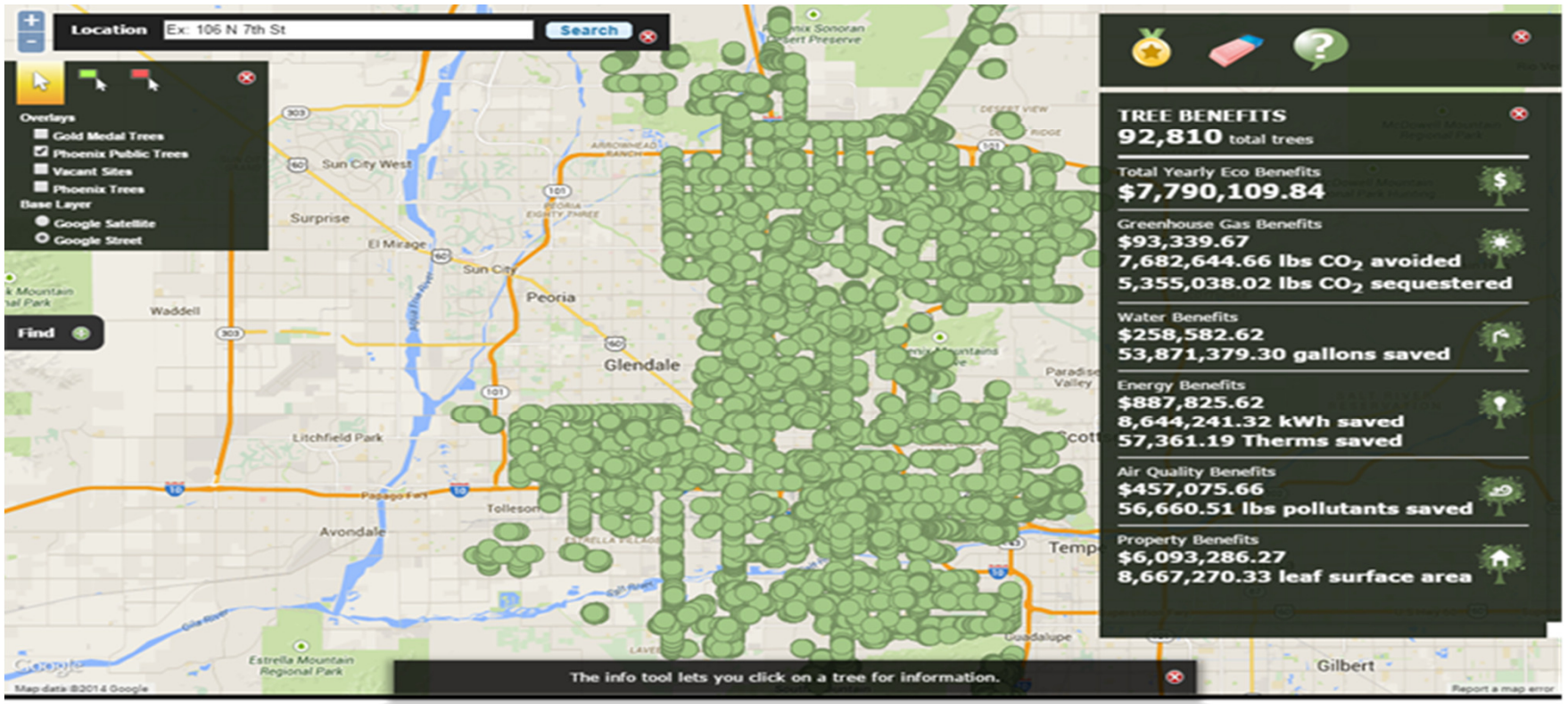
Texas Ebony

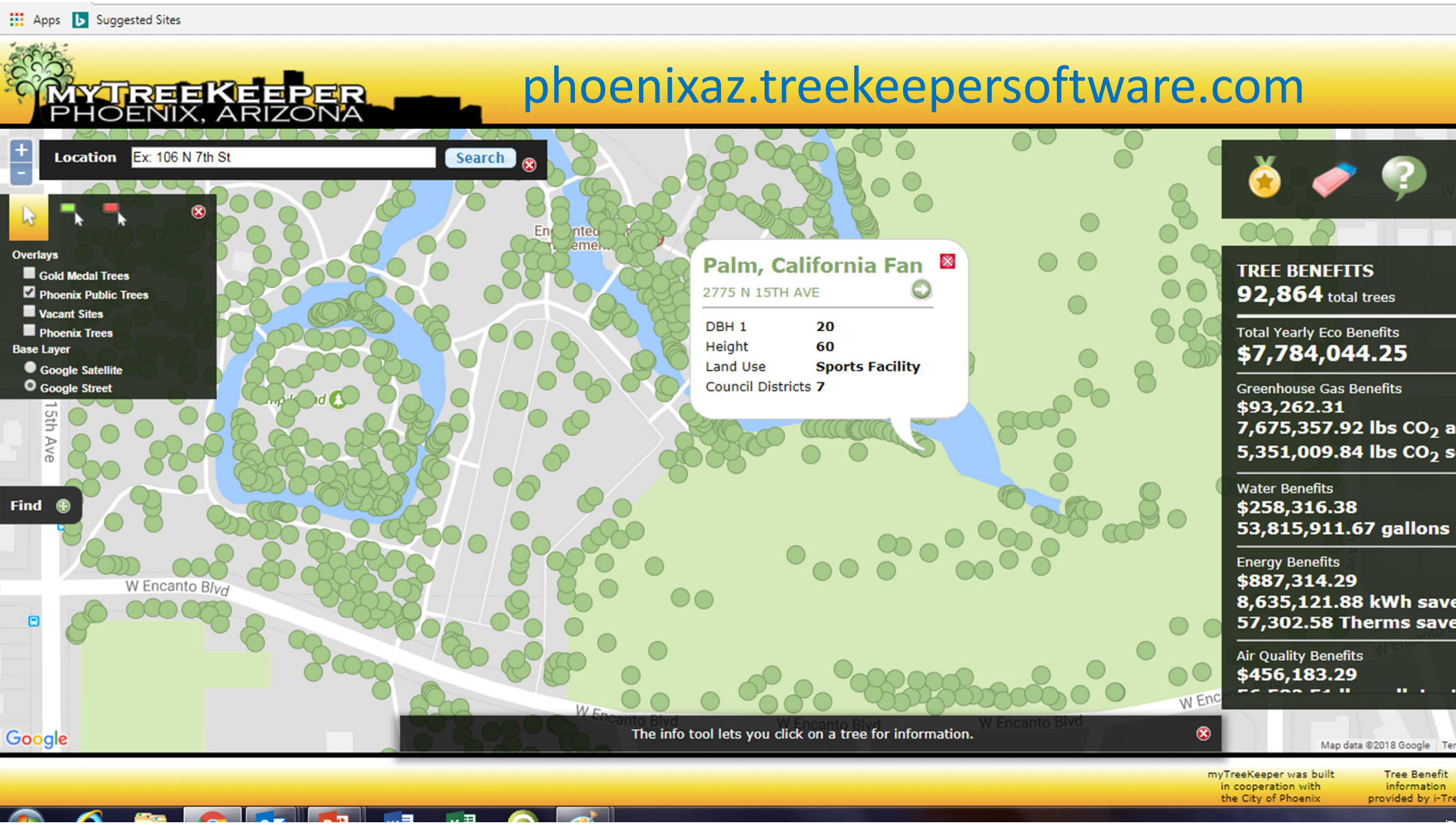
African Sumac

What are we working on?

1. Update TreeKeeper Software

phoenixaz.treekeepersoftware.com




Apps
Suggested Sites
MyTreeKeeper
PHOENIX, ARIZONA
phoenixaz.treekeepersoftware.com
Location
Ex: 106 N 7th St
Search
Overlays
Gold Medal Trees
Phoenix Public Trees
Vacant Sites
Phoenix Trees
Base Layer
Google Satellite
Google Street
Find
15th Ave
W Encanto Blvd
Palm, California Fan
2775 N 15TH AVE
DBH 1 20
Height 60
Land Use Sports Facility
Council Districts 7
TREE BENEFITS
92,864 total trees
Total Yearly Eco Benefits
$7,784,044.25
Greenhouse Gas Benefits
$93,262.31
7,675,357.92 lbs CO2 a
5,351,009.84 lbs CO2 s
Water Benefits
$258,316.38
53,815,911.67 gallons
Energy Benefits
$887,314.29
8,635,121.88 kWh save
57,302.58 Therms save
Air Quality Benefits
$456,183.29
The info tool lets you click on a tree for information.
Google
Map data ©2018 Google
myTreeKeeper was built in cooperation with the City of Phoenix
Tree Benefit information provided by i-Tre

What are we working on?

2. Tree Donation Portal: **Phoenix.gov/plantatree**

Welcome to the Phoenix Tree Bank, where your donation can make a difference!

DONATE NOW

Neighborhoods:

Donations to Neighborhoods will add trees to new small and large projects as a part of the city's *"Love your Block"* program in partnership with Volunteer Phoenix. Planting classes available through the Citizen Forester Program

Streetscape and Sidewalks:

Donations will be used to plant trees along currently barren streets and sidewalks connecting neighborhoods to schools and nearby stores. High impact locations will be selected by the Urban Forest Implementation Team.

Parks:

Donations will be used to plant trees in community parks throughout Phoenix - particularly parks with a limited tree canopy. High priority projects will be selected by the Urban Forest Implementation Team.

What are we working on?

3. Regional Urban Forestry Roundtable (American Forests)
4. Citizen Forester Program
5. Text Amendments to City Code to Protect Trees
6. Walkshed Tool (ASU)

Tree Canopy Map

Phoenix, Arizona ~ Tree Canopy Cover

Central City

Village Facts

Public Trees: **13,391**
Attainment of 25% Canopy Cover Goal: **24%**
Zoning/Land Use:
- Residential 25%
- Parks/Open Space 1%
- Non-Residential 21%
- Industrial 53%

FACT: By converting carbon into woody and foliar biomass, Phoenix's inventoried public trees sequester 3,264 tons of atmospheric CO_2 per year.

City of Phoenix Urban Forest Resource Analysis, 2014

Current Canopy Cover
6.1%

City Limits
Planning Villages

Tree Canopy Cover
- < 10%
- 10% - 14%
- > 14%

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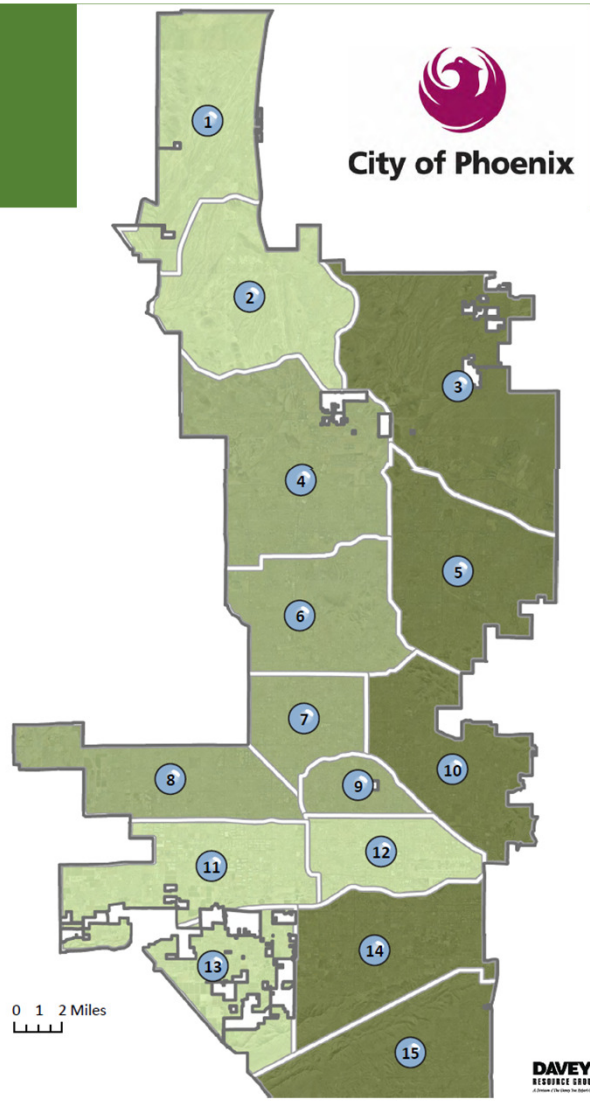

What are we working on?

7. Citywide program to accelerate tree planting (UFIT)

Department	Planted in 2019
Parks	1500
Streets	950
Transit	415
NSD	554
Other	550
TOTAL	**3969**

What are we working on?

8. Grant Funds for Tree Program Manager & Trees!
9. EQSC recommendation to Sub-Ctte on Jan 7 (9:00am)

    Cost estimates to implement EQSC Recommendations