ST. PETE TREE MAP: GETTING STARTED GUIDE

St. Pete Tree Map is a tree inventorying tool that’s fun, free to the public, and easy to use. Together, we can map our tree canopy and learn valuable information about city-wide species diversity and ecosystem services provided by our trees. With your help, the City will have information needed to manage, maintain, and grow a healthy urban forest.

This reference guide helps you get started with St. Pete Tree Map, tree identification, and measuring tree size. Once you are familiar with the process, it only takes a few minutes to add a tree to the map.

If you have questions, comments, or if you’d like to schedule an in-person training for small groups, email Alexandria.Hancock@stpete.org.

CREATE AN ACCOUNT + SIGN IN

☐ Visit pg-cloud.com/StPeteFL/ and review the welcome page.
☐ Scroll down to the “Volunteers” section.
☐ Click 
☐ Enter your email and a username. No password is required.

STEP 1: TREE SPECIES

☐ Click
☐ Start typing to search for your tree’s name. Select the tree’s common name from the list.
☐ Once you select the tree species, click “Plot Tree.”

5 REQUIRED INPUTS TO CALCULATE ECO BENEFITS:

1. Tree Species
2. Tree Location
3. Land Use
4. DBH (Diameter at Breast Height)
5. Tree Height

TREE IDENTIFICATION RESOURCES

Arbor Day Foundation’s What Tree Is That field guide is a step-by-step illustrated tool (digital and print versions) to help you identify your tree’s species.

Watch Pinellas County’s UF-IFAS Extension video series “This or That?” to learn differences between common local species, like the Live Oak and Laurel Oak.

Check your skills with these fun + easy phone apps:

- Trees of North and Central Florida: Created by University of Florida, the app walks you through the tree ID process. Lots of tree info and definitions included!
- Picture This – Botanist in Your Pocket: Instantly identify 99% of common plants, flowers, and trees just by taking a picture.
ST. PETE TREE MAP: GETTING STARTED GUIDE

STEP 2: TREE LOCATION

Next, you’ll pick the tree’s location. There are a couple of options for finding the location of your tree:

- **GPS**: Allow your device’s GPS to locate your current position
- **Address Locator**: type in the closest address to the tree
- **Map**: If you know the location, you can just zoom in and pan to the spot on the map

Tap on the map to place a dot for your tree.

STEP 3: LAND USE

All tree details are entered on this window. Some fields will be auto-filled based on information you already provided. This window automatically saves your work from this point on (you can click the X or “close” to exit this menu and see your tree). You can delete your own trees at any time.

Select the type of property that the tree is on:

- Park or Vacant Land
- Residential: Single Family
- Residential: Multi Family
- Commercial + Office (small)
- Commercial + Industrial (large)
STEP 4: DBH (DIAMETER AT BREAST HEIGHT)

☐ Select whether the tree has one trunk (like a Live oak), or multiple trunks (like a Crapemyrtle). If the tree has multiple trunks, you’ll measure and record the DBH for each trunk. The program will add those together for you.

☐ DBH is measured 4.5 feet off the ground. Use a yard stick or tape measure to record how wide the tree is, in inches. Try to keep your measuring device as straight as possible so it doesn’t wrap around the tree at all.

☐ Another way to get DBH is to measure the circumference and then calculate for diameter (see below).

CALCULATING DIAMETER FROM CIRCUMFERENCE

☐ To measure a tree’s circumference, wrap a tape measure all the way around the tree, 4.5 feet off the ground.

☐ Use $D = \frac{C}{\pi}$ to calculate the diameter (diameter = circumference / pi).

☐ Watch this video made by Keep Pinellas Beautiful to see a one-minute demo. Skip to 4:15 - 5:15.
ST. PETE TREE MAP: GETTING STARTED GUIDE

STEP 5: TREE HEIGHT

Tree height ranges are provided, please select your best estimate:

- ☐ < 15ft
- ☐ 15ft - 30ft
- ☐ 30ft - 50ft
- ☐ 50ft - 75ft
- ☐ 75ft - 100ft
- ☐ > 100ft

Learn how to measure a tree’s height using a stick as reference! Watch this video made by Keep Pinellas Beautiful for a one-minute demo. Skip to 5:15 - 6:15.

REVIEW YOUR TREE’S ECO BENEFITS

Congratulations, you just added a tree to St. Pete Tree Map!

Now that you’ve completed each step, you can see the eco benefits provided by your tree.

- ☐ Click on your tree
- ☐ Click the "Eco-Benefits" button

Keep adding trees! Email us if you have questions: Alexandria.Hancock@stpete.org