i-Tree Canopy
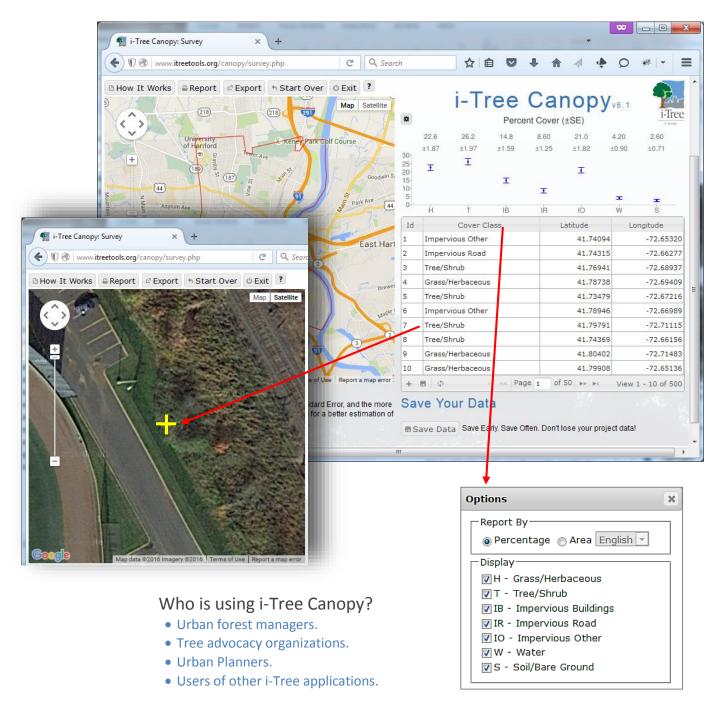
www.itreetools.org/canopy

Quickly determine tree canopy and other cover types
for a study area using random plot sampling!

Who is using i-Tree Canopy?

- Urban forest managers.
- Tree advocacy organizations.
- Urban Planners.
- Users of other i-Tree applications.

5 Steps:

1) Draw the boundary of your area of interest in Canopy or import using a GIS shapefile.
2) Define the cover types you are interested in estimating.
3) i-Tree Canopy will generate random sample points…
4) You decide their cover type category.
5) Save your project and return to add more points, view the results, or estimate changes in cover.

i-Tree Canopy

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How it works:

i-Tree Canopy is a web browser application that can be used to determine the amount of an area of interest covered by tree canopy and other user-defined surfaces.

It automatically generates random plot points within your study area boundaries. You simply visit each point and assign a land cover category to it. Land cover estimations and Tree benefit estimates are then generated statistically.

What results does i-Tree Canopy generate?

- The relative amounts of cover types you define.
- Changes in cover type over time when used with Google Earth.
- Reported estimates as acreages or percentages.
- Statistical precision of cover type estimates.

What are applications of i-Tree Canopy?

- Compare tree canopy cover in different parts of a city.
- Identify amount of space available for new tree planting.
- Estimate amount of impervious surfaces contributing to storm water run-off.
- Generate local inputs for i-Tree Hydro and i-Tree Vue.

Send us an e-mail at:
info@itreetools.org

with your own unique applications
- or -
if you have questions about
i-Tree Canopy.