



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

i-Tree Canopy v6.1

Percent Cover (\pm SE)

22.6	26.2	14.8	8.60	21.0	4.20	2.60
± 1.87	± 1.97	± 1.59	± 1.25	± 1.82	± 0.90	± 0.71

Id	Cover Class	Latitude	Longitude
1	Impervious Other	41.74094	-72.65320
2	Impervious Road	41.74315	-72.66277
3	Tree/Shrub	41.76941	-72.68937
4	Grass/Herbaceous	41.78738	-72.69409
5	Tree/Shrub	41.73479	-72.67216
6	Impervious Other	41.78946	-72.66989
7	Tree/Shrub	41.79791	-72.71115
8	Tree/Shrub	41.74369	-72.66156
9	Grass/Herbaceous	41.80402	-72.71483
10	Grass/Herbaceous	41.79908	-72.65136

Options

Report By
 Percentage Area English

Display

- H - Grass/Herbaceous
- T - Tree/Shrub
- IB - Impervious Buildings
- IR - Impervious Road
- IO - Impervious Other
- W - Water
- S - Soil/Bare Ground

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.



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.

