

## **i-Tree Canopy Assignment**

In this assignment, you will explore the use of i-Tree Canopy in a real world setting of your choice. You will choose a town, city, campus, or a larger landscape and you will use Canopy to identify land-cover classifications on Google Maps, and then calculate the amount of tree canopy cover and its value in the study area.

Follow the steps below to complete the assignment:

1. Open i-Tree Canopy in your browser - <https://canopy.itreetools.org/> ([Links to an external site.](#)).
2. Create a new project and choose a location from existing geographic boundaries, draw your own project area boundaries onto Google Maps, or load an ESRI shapefile.
3. Using i-Tree Canopy's aerial imagery to select the land-cover at randomly generated survey points to conduct a cover assessment within your defined project area.
4. Complete 300-500 survey points; the more points you complete, the more precise your cover estimates will be.
5. Save your project file to your computer using the button under the "Save your Project" text.
6. Close your browser, clear cache, and then open your project file in i-Tree Canopy.
7. View and Save your project report.
8. Submit the report as a PDF and the .itrcnpy project file to your instructor.