HOW TO USE I-TREE CANOPY



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1. GET STARTED

Welcome to i-Tree Canopy!

Use this tool to classify land and tree cover across a given area using random sampling of aerial imagery. See tree canopy benefits in terms of **carbon dioxide**, **air pollution**, and **stormwater** impacts.

How to use it:

- Select from existing geographic boundaries, draw your own project area boundaries onto Google Maps, or load an ESRI shapefile.
- You can use multiple, non-overlapping boundaries at the same time.
- i-Tree Canopy randomly generates sample points and zooms to each one so you can choose from your pre-defined list of cover types for that spot.
- With i-Tree Canopy, you review Google Maps aerial photography at random points to conduct a cover assessment within a defined project area.
- 500-1000 survey points are suggested; the more points you complete, the better your cover estimate for your study area.
- If estimating tree cover, tree benefits can also be estimated.
- Learn how i-Tree Canopy works.
- Video Learning Resources





じ Get Started

Use of this tool indicates acceptance of the EULA www.itreetools.org



2. ENTER ZIP CODE



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3. SELECT YOUR SITE

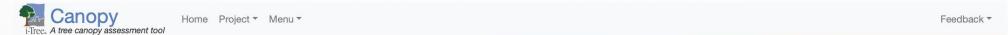
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4. DRAW PROJECT BOUNDARY





4A. CONTINUE DRAWING BOUNDARY





4B. COMPLETE THE BOUNDARY



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5. SELECT CATEGORIES & COLORS





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Configuration step 2 of 3: On this page, please configure the land cover classes you wish to survey. Defaults are basic land cover types, but you may use simply Tree and Non-Tree. You may delete and add classes, such as Agriculture/Cropland, Wetlands, etc., as well as different types of tree cover, such as deciduous and evergreen.

B Save



Tree / Non-Tree

Basic Land Cover

Cover Classes				
Cover Class	Description	Abbreviation	Tree Cover?	Color
Tree/Shrub		Т	Yes	#1BCA00CC
Grass/Herbaceous		Н	No	#1A750DCC
Impervious Buildings		IB	No	#00000CC
Impervious Road		IR	No	#FF0000CC
Impervious Other		Ю	No	#8A8A8ACC
Water		W	No	#0000FFCC
Soil/Bare Ground		S	No	#6E4D29CC

1. Edit, Add or Delete Categories

2. Select Next

Next

Since 2006, i-Tree has been a cooperative, public/private partnership between:











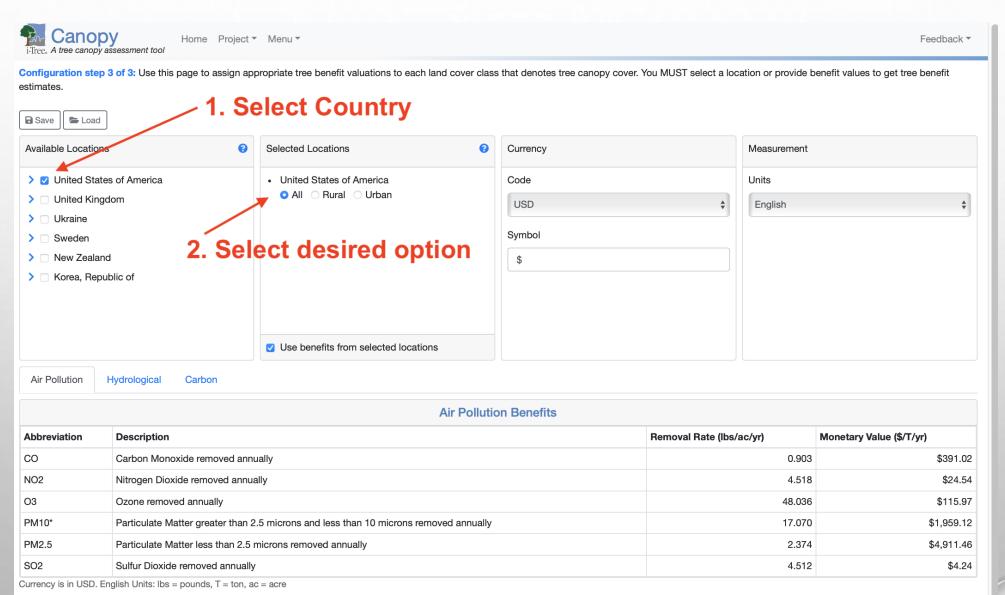








6. SELECT COUNTRY LOCATION



3. Select Next Next



7. START THE SURVEY

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Conduct your survey: Add survey points by clicking the small + button below. With each point you add, the map shifts to a random location. Use the Cover Class dropdown to record the land cover at the yellow crosshairs at map center. The more points you survey, the lower your standard error, and the more precise your sampling will be. More points provide a better estimation of Land Cover across your study area.



7B. WHEN THE SURVEY STARTS

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7C. AFTER THE SURVEY STARTS

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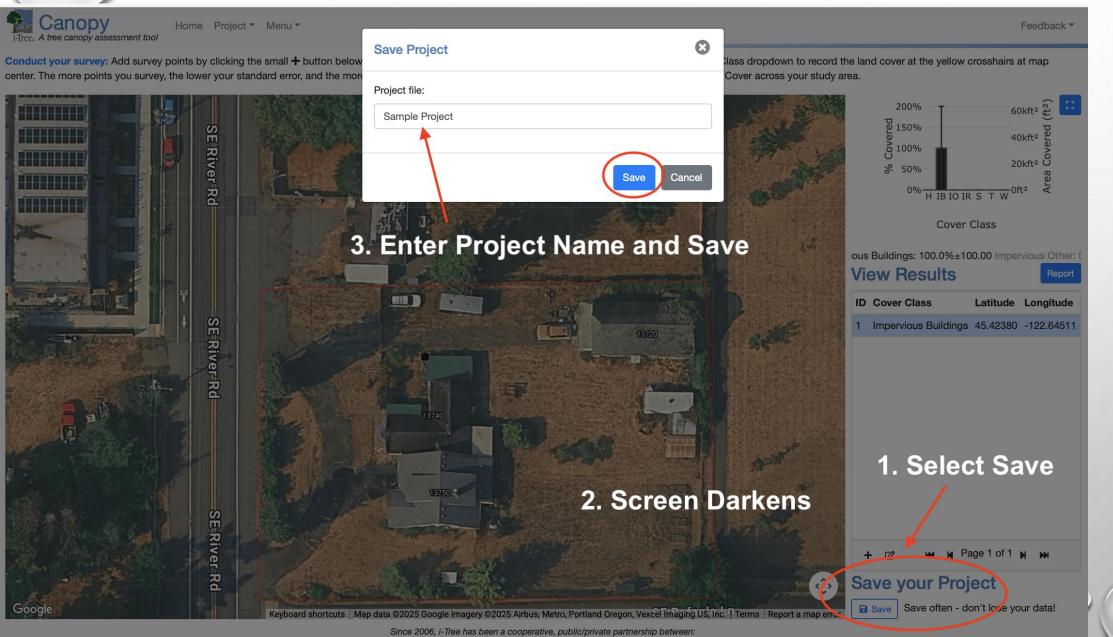
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8. SAVE YOUR PROJECT



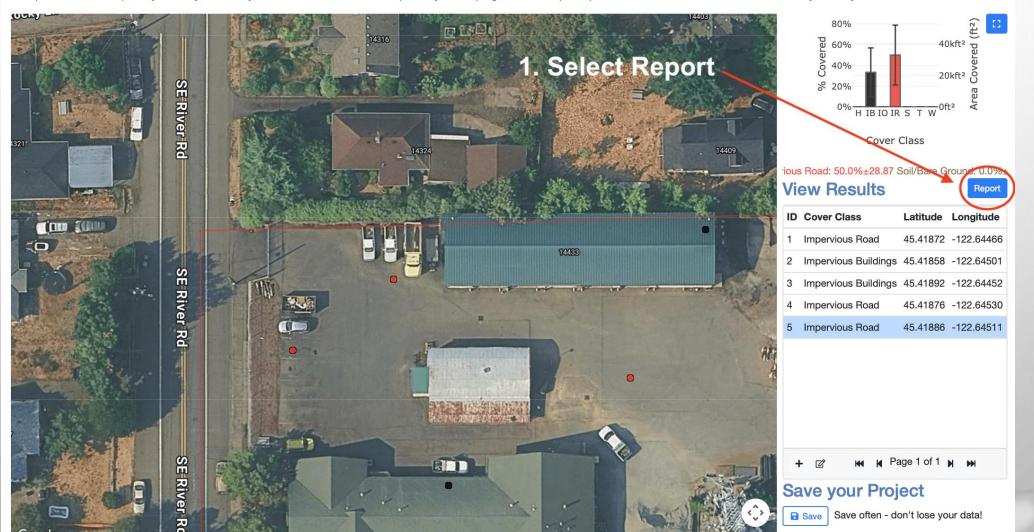
9. CREATE A REPORT



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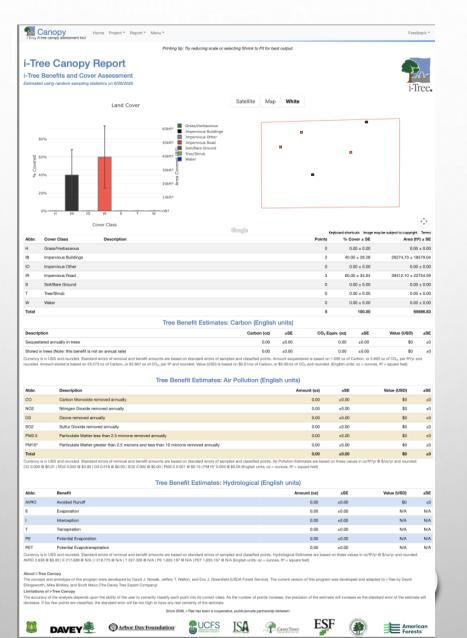
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10. SAMPLE REPORT





I-TREE SOFTWARE LINK