Which i-Tree Tool Should I use?

How to use this table: Start on the left with questions A-E and then move over to the right to see which tool or tools meet your needs. Click on the tool title to learn more on the i-Tree website.

	Core Tools					Other Tools			
A. The trees and/or landscape I am working in is:	**Eco**	**Landscape**	**Canopy**	**Design**	**MyTree**	**Species**	**Planting**	**Harvest**	**County**
In the continental U.S.	X	X	X	X	X	X	X	X	X
In Hawaii	X	Some limitations	X	X	X	X	X		
In Alaska	X	Some limitations	X	X	X	X	X		
In a U.S. territory	Some limitations	Some limitations	X	See note*	See note*	Some limitations	See note*		
Elsewhere									

B. My computer skills are:	**Eco**	**Landscape**	**Canopy**	**Design**	**MyTree**	**Species**	**Planting**	**Harvest**	**County**
Novice: I do not have much experience working with computers. My use is mostly limited to browsing the internet, sending and receiving email, and maybe using a few applications. I may not know what kind of device I am using.		X	X	X	X	X	X		X
Intermediate: I am very familiar with computers and tablets and regularly use word processing, spreadsheets (including .xlsx and .csv), Google Maps, and can easily download and navigate through applications	X	X	X –Canopy Change survey					X	
Expert: I have an easy time navigating through different computer programs and use a variety of advanced software (such as ArcMap, QGIS, or GoogleEarth) on a daily or weekly basis.	X								

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C. I have:	Eco	Landscape	Canopy	Design	MyTree	Species	Planting	Harvest	County
PC computer	X	X	X	X	X	X	X	X	X
Apple computer	See note**	X	X	X	X	X	X	X	X
Android/Apple mobile device				X	X	X	X	X	X
Time									
About 5 minutes		X			X	X			
5-30 minutes		X		X	X	X	X	X	X
An hour or more	X		X						
Days	X								
Field-collected data									
A complete inventory	X								
A partial inventory	X			X					
No inventory	X*	X	X	X	X	X	X	X	X
	X* - could use Eco to collect data								
I do not have field-collected data		X	X	X	X	X	X		X

D. I want to know:	Eco	Landscape	Canopy	Design	MyTree	Species	Planting	Harvest	County
Tree canopy cover for a given area		X	X						X
How canopy cover has changed over time			X						X
The energy savings tree(s) provide	X			X	X		X		
Stormwater benefits	X	X	X	X	X		X		X
Air quality benefits	X	X	X	X	X		X		X
Hydrological impacts at various scales	X	X	X						X
About demographics and tree cover in an area		X							X
What trees to plant for certain benefits						X			
What trees to plant that have low allergenicity						X			
Public health benefits of trees	X	X							X
What trees to plant for carbon storage				X	X	X	X		
The amount of carbon stored in harvested wood products								X	
The amount of carbon sequestered annually	X	X	X	X	X		X		X
The amount of carbon stored in trees	X	X	X	X	X		X		X
The effects of tree canopy and impervious cover on water quantity and quality									

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E. I want to:	Eco	Landscape	Canopy	Design	MyTree	Species	Planting	Harvest	County
Communicate with the public about trees	X	X	X	X	X		X		X
Communicate with decision-makers about trees	X	X	X	X	X		X		X
Prioritize planting locations based on demographic, environmental, and other variables		X							
Prioritize planting species based on ecosystem services						X			
Collect data on individual trees	X			X	X				
Plant trees for energy savings				X		X	X		
Analyze existing tree inventory data	X								
Project benefits of recently-planted trees	Some limitations			X			X		
Get recommendations on what trees to plant						X			

Tool Descriptions

Eco: Flagship tool. Quantifies forest structure, environmental effects, and values from single trees, complete inventories, or

Landscape: Explore tree canopy, land cover, basic demographic information, and prioritize planting.

Canopy: Review aerial photography at random points to assess tree canopy within a defined project area.

Design: Simple estimation of the benefits provided by individual and groups of trees

MyTree: Create a 'nutrition label' showing benefits a tree or group of trees provides.

Species: Identify species based on tree size and ecosystem services provided.

Harvest: Estimate the amount of carbon stored in harvested wood products from forest stands.

County: Explore tree canopy and other landcover and demographics at the county scale

*most online tools work in Puetro Rico & Eco works in the USVI. Otherwise, most tools are not functional in U.S. territories

**Eco may be functional on Apple Macs using software to run in a Windows environment. Mac use is not supported by i-Tree. For online tools, best to use recommended internet browsers: Chrome, Firefox, or Edge

This document was created by the Urban Forest Assessment Subcommittee of the Urban & Community Forestry Committee of the Northeast-Midwest Alliance of State Foresters with input from the Davey Institute and support from the USDA Forest Service.

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