
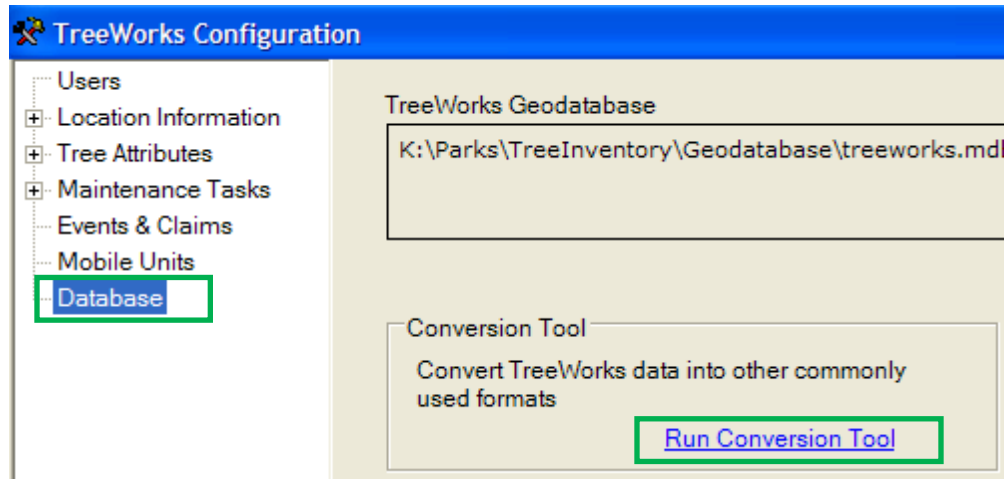


Export TreeWorks Data Into i-Tree's Streets Module

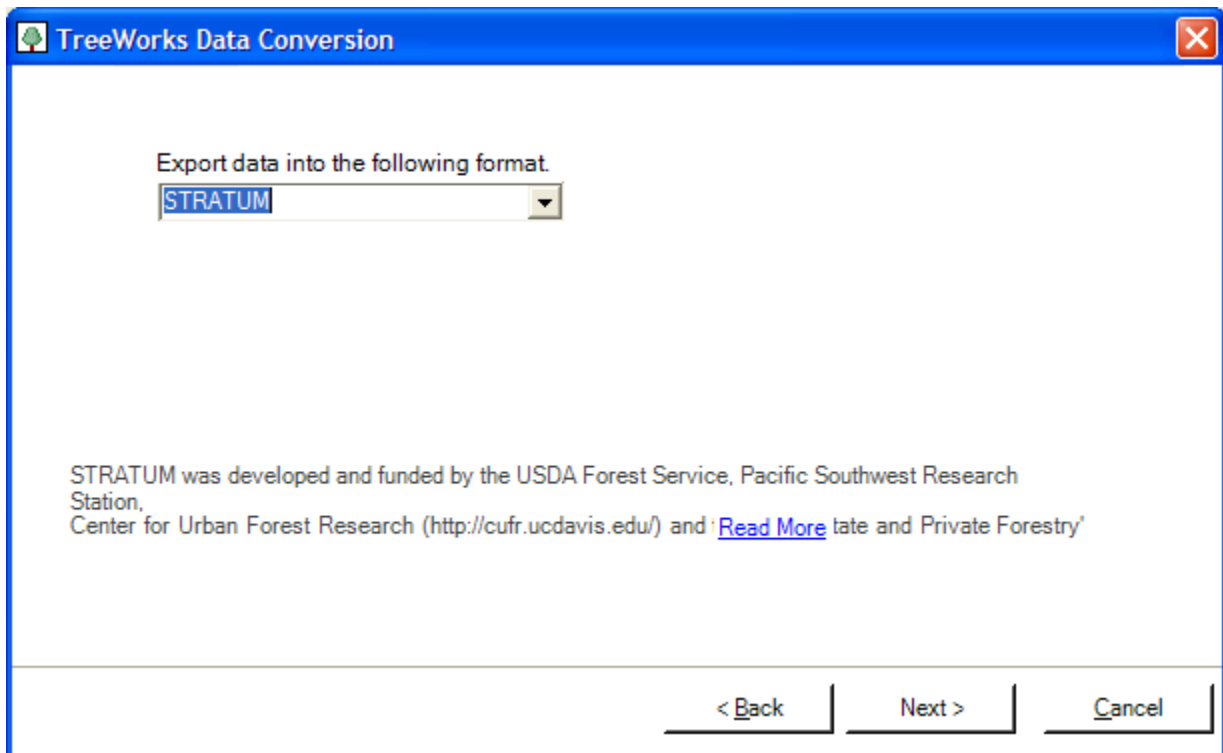
I. Export TreeWorks Data into the STRATUM Format

The STRATUM format is recognized by the i-Tree Streets module. Follow the steps below to export your TreeWorks data into the STATUM format.

1. Open the TreeWorks Configuration Tool 
2. Click on the "Database" Option
3. Click on the "Run Conversion Tool" link as shown in the image below.

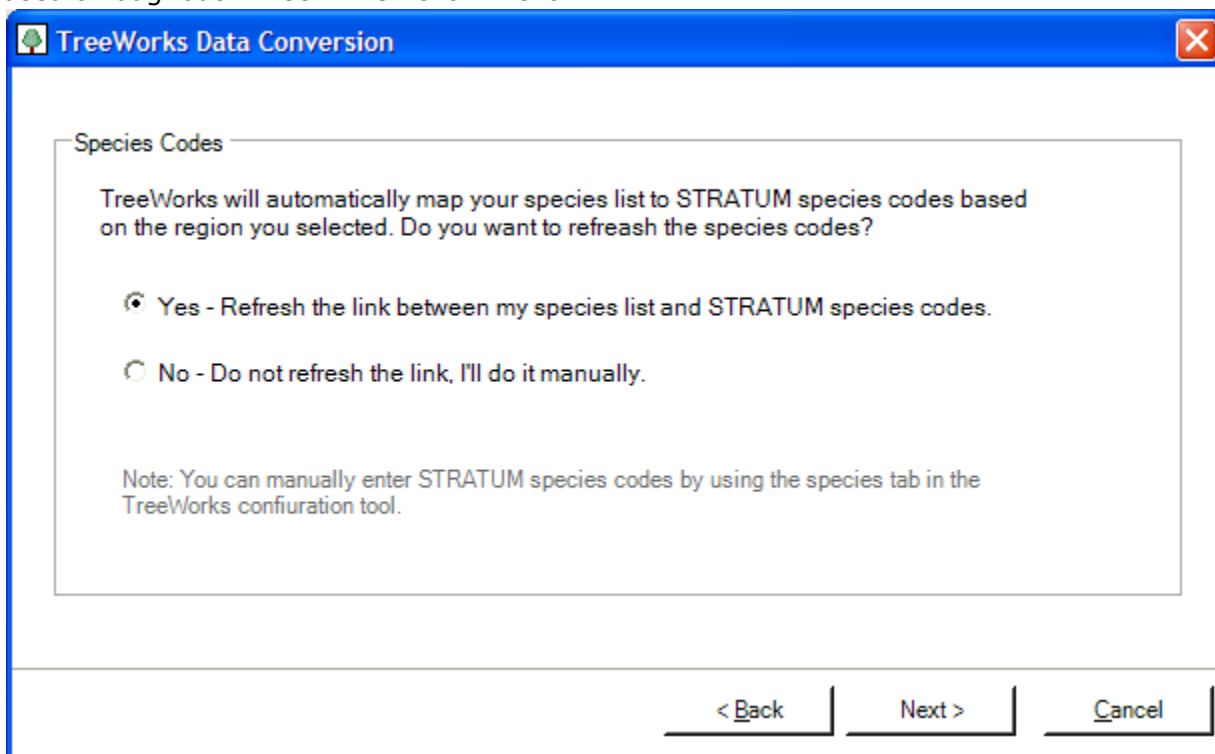


4. The first page of the Conversion Tool allows you to verify the location of your TreeWorks database. Click "Next".
5. On the second page select "STRATUM" as the data format as shown in the image below. Then Click "Next"



6. Page 3 will allow you to specify what trees are privately managed.

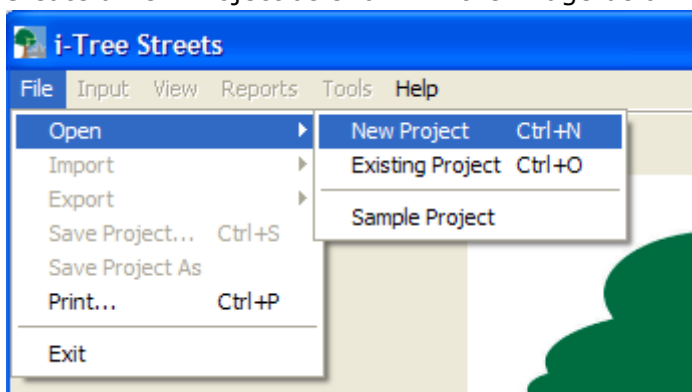
- On Page 4, select your climate region. Maps showing i-tree climate regions are available in i-Tree's help documentation.
- On Page 5, Select "Yes" for TreeWorks to match your species list with the species codes used throughout i-Tree. Then click "Next".



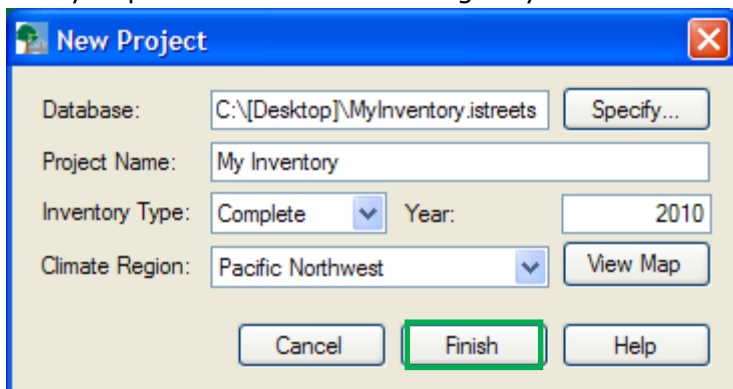
- When completing the conversion wizard, a new STRATUM formatted (MS Access) database will be created. Pick a location and file name to create the STRATUM formatted Database. (For this example, We'll allow the software to create a file named "Export_TreeWorks.mdb" on the Desktop)

II. Create a New i-Tree Streets Project

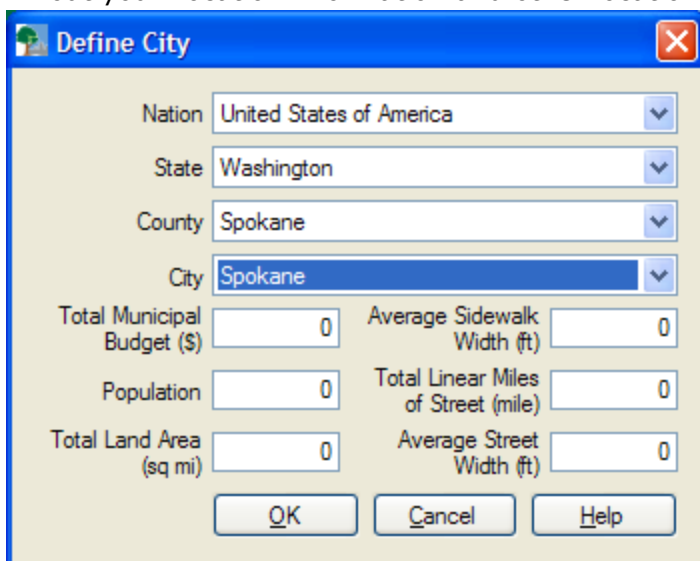
- Open i-Tree's Street Module
- Create a new Project as shown in the image below



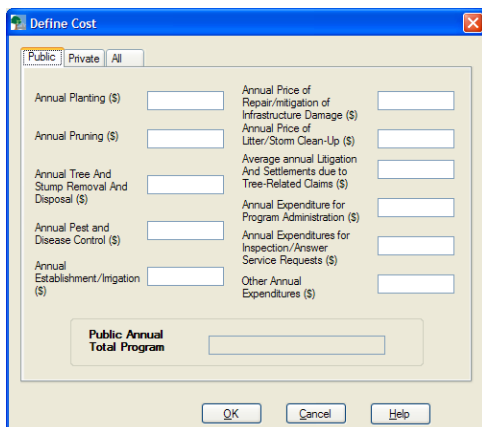
- On the New Project Dialogue, Streets is asking you where to store the new Streets Project. In this example, we'll create a project named "MyInventory.istreets" on the desktop. Make sure you pick the same climate region you selected in the conversion tool.



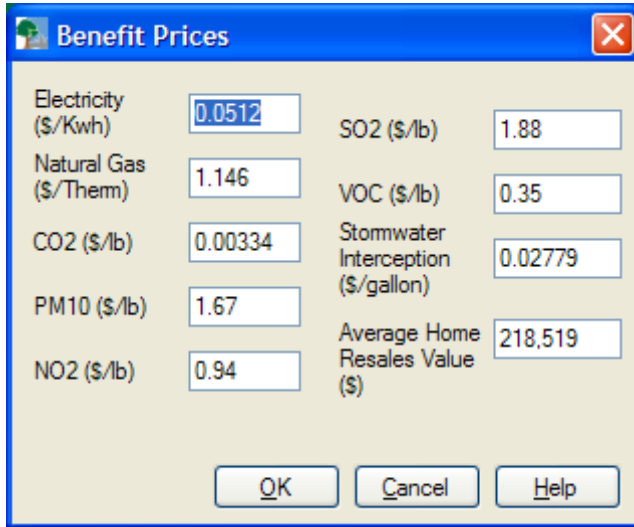
- Fill out your Location information and other location related variables.



- In the Define Cost Page, you can either fill this out or leave blank and click "OK".



6. Fill out the Benefit Prices and Click "OK"

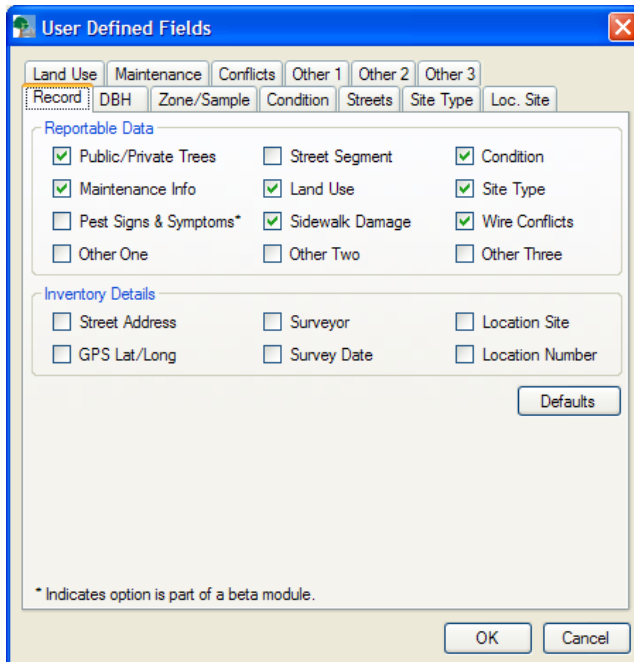


The "Benefit Prices" dialog box contains the following fields and values:

Electricity (\$/Kwh)	0.0512	SO2 (\$/lb)	1.88
Natural Gas (\$/Them)	1.146	VOC (\$/lb)	0.35
CO2 (\$/lb)	0.00334	Stomwater Interception (\$/gallon)	0.02779
PM10 (\$/lb)	1.67	Average Home Resales Value (\$)	218,519
NO2 (\$/lb)	0.94		

Buttons: OK, Cancel, Help

7. Click OK on the "User Defined Fields"



The "User Defined Fields" dialog box has tabs for Land Use, Maintenance, Conflicts, Other 1, Other 2, and Other 3. The "Record" tab is selected, showing sub-tabs for DBH, Zone/Sample, Condition, Streets, Site Type, and Loc. Site.

Reportable Data

<input checked="" type="checkbox"/> Public/Private Trees	<input type="checkbox"/> Street Segment	<input checked="" type="checkbox"/> Condition
<input checked="" type="checkbox"/> Maintenance Info	<input checked="" type="checkbox"/> Land Use	<input checked="" type="checkbox"/> Site Type
<input type="checkbox"/> Pest Signs & Symptoms*	<input checked="" type="checkbox"/> Sidewalk Damage	<input checked="" type="checkbox"/> Wire Conflicts
<input type="checkbox"/> Other One	<input type="checkbox"/> Other Two	<input type="checkbox"/> Other Three

Inventory Details

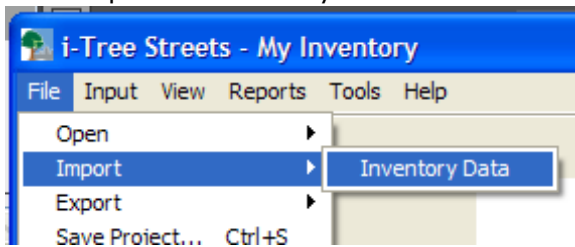
<input type="checkbox"/> Street Address	<input type="checkbox"/> Surveyor	<input type="checkbox"/> Location Site
<input type="checkbox"/> GPS Lat/Long	<input type="checkbox"/> Survey Date	<input type="checkbox"/> Location Number

Buttons: Defaults, OK, Cancel

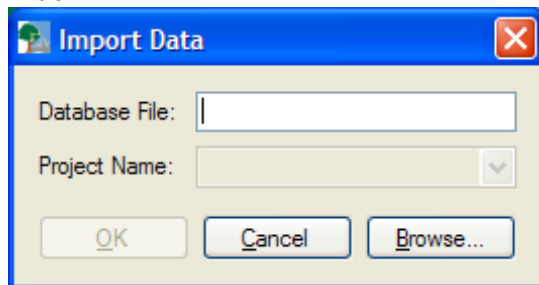
* Indicates option is part of a beta module.

III. Import data into i-Streets Project

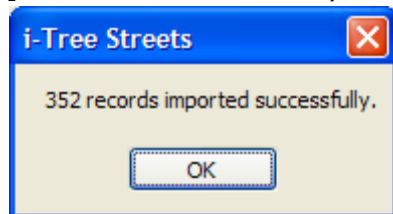
- Now that we have our data in a STRATUM format and a new Streets project open, Click File > Import > Inventory Data as shown in the image below.



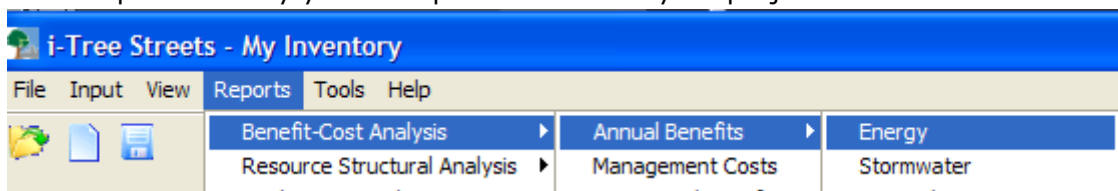
- "Browse" to the database created in section I.9 of this document, Then click "OK"(In this example, we created a file named "Export_TreeWorks.mdb" and placed it on the desktop)



[The number of Tree in your inventory will be loaded into this project]



- Run a report to verify you've imported data into your project.



[Example Report]

The screenshot shows a report window titled 'Spokane Annual Energy Benefits of Public Trees By Species'. The report displays a table with columns for Species, Total Electricity (kWh), Total Gas (therms), Total Gas (cubic feet), Total Cooling (BTU), Total Heating (BTU), Total Energy (BTU), % of Total Energy, and Avg. Size. The data is summarized for various tree species.

Species	Total Electricity (kWh)	Total Gas (therms)	Total Gas (cubic feet)	Total Cooling (BTU)	Total Heating (BTU)	Total Energy (BTU)	% of Total Energy	Avg. Size
Red maple	1.9	99	704	81	179 (NA)	17.8	22.6	748
Bittersweet	0.9	47	327	37	85 (NA)	10.4	13.6	6.05
Western maple	1.2	42	298	41	103 (NA)	9.4	12.3	7.90
Blue spruce	0.8	43	294	23	66 (NA)	6.7	8.3	7.98
Crabapple	0.4	21	144	16	38 (NA)	6.5	8.3	4.21
Japanese flowering cherry	0.2	8	55	10	18 (NA)	5.9	7.3	2.24
Birch	0.2	8	49	8	14 (NA)	5.9	7.3	1.75
Overcast	0.8	39	261	30	69 (NA)	5.9	7.3	6.62
Shedden oak	0.4	23	163	17	40 (NA)	5.2	6.2	4.77
White oak	0.6	31	151	17	40 (NA)	4.4	6.1	6.07
Scotch pine	0.2	10	48	3	17 (NA)	3.7	4.2	2.30
Emerald green	0.4	39	227	15	34 (NA)	3.0	4.2	3.62
Lawson cypress	0.4	20	137	14	30 (NA)	3.0	4.2	3.97
Maple	0.1	4	24	4	8 (NA)	2.2	1.5	2.65
Rugosa rose	0.0	2	1.8	2	4 (NA)	2.2	0.8	1.47
Grand fir	0.3	14	71	8	22 (NA)	1.2	2.8	11.02
Japanese maple	0.0	1	0.9	1	2 (NA)	1.0	0.2	0.93
Washington holly	0.1	3	1.4	2	4 (NA)	1.2	0.4	2.19
Other street trees	0.2	10	43	2	12 (NA)	3.0	1.8	1.82
Cherry total	9.1	486	287.8	102	796 (NA)	100.0	100.0	3.96