PARTNERS IN COMMUNITY FORESTRY

2024 CONFERENCE

Arbor Day Foundation™

Leveraging i-Tree's Legacy

PRESENTED BY:

Alexis Ellis

USDA Forest Service, Forest Inventory & Analysis

i-Tree Team Production Lead

Robert Seemann

USDA Forest Service, Cooperative Forestry

Urban & Community Forestry National Program

i-Tree changed the conversation

i-Tree set the table.....

IRA-UCF Historic investment

- $1B Public Notice of Funding Opportunity (NOFO)
- Overwhelming response to NOFO.....
- $6.4B requested by over 842 applications
- 385 projects selected.

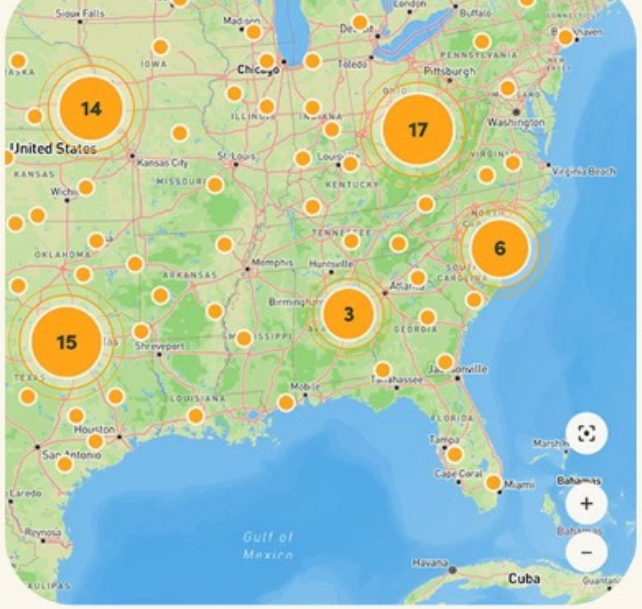
INVESTING IN AMERICA

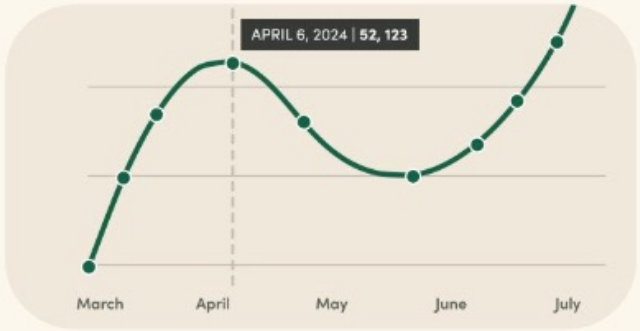
i-Tree set the table.....

New partners articulate why “trees are good”

- Many of applicants were outside or our traditional UCF outreach/assistance networks.
- Majority of applicants requested UCF resources specifically to improve the conditions in their communities.

i-Tree has a significant role in reporting UCF-IRA accomplishments





IMPACT

10K
Trees Planted

Data Point 123 trees

Data Point 123 trees

Data Point 123 trees

Data Point 123 trees

2K +
Trees planting events

English-US

Activity Information

Please identify the Reporting Timeline that you are submitting this form for, and select the Activity Type. After you select the Actity Type, you will prompted to identy the location(s) where this work occurred and to provide additional details regarding the completed work.

Reporting Period

This report should only pertain to activities that occurred within one of these reporting periods.

- ○ Jan 1, 2024 - June 30, 2024
- ◉ July 1, 2024 - Dec 31, 2024

Activity Type*

- ◉ Planting
- ○ Pruning
- ○ Removal
- ○ Treatment
- ○ Distribution /Giveaway
- ○ Inventory
- ○ Canopy Assessment
- ○ Planning and Policies
- ○ Career Pathway Training
- ○ Earned Credentials

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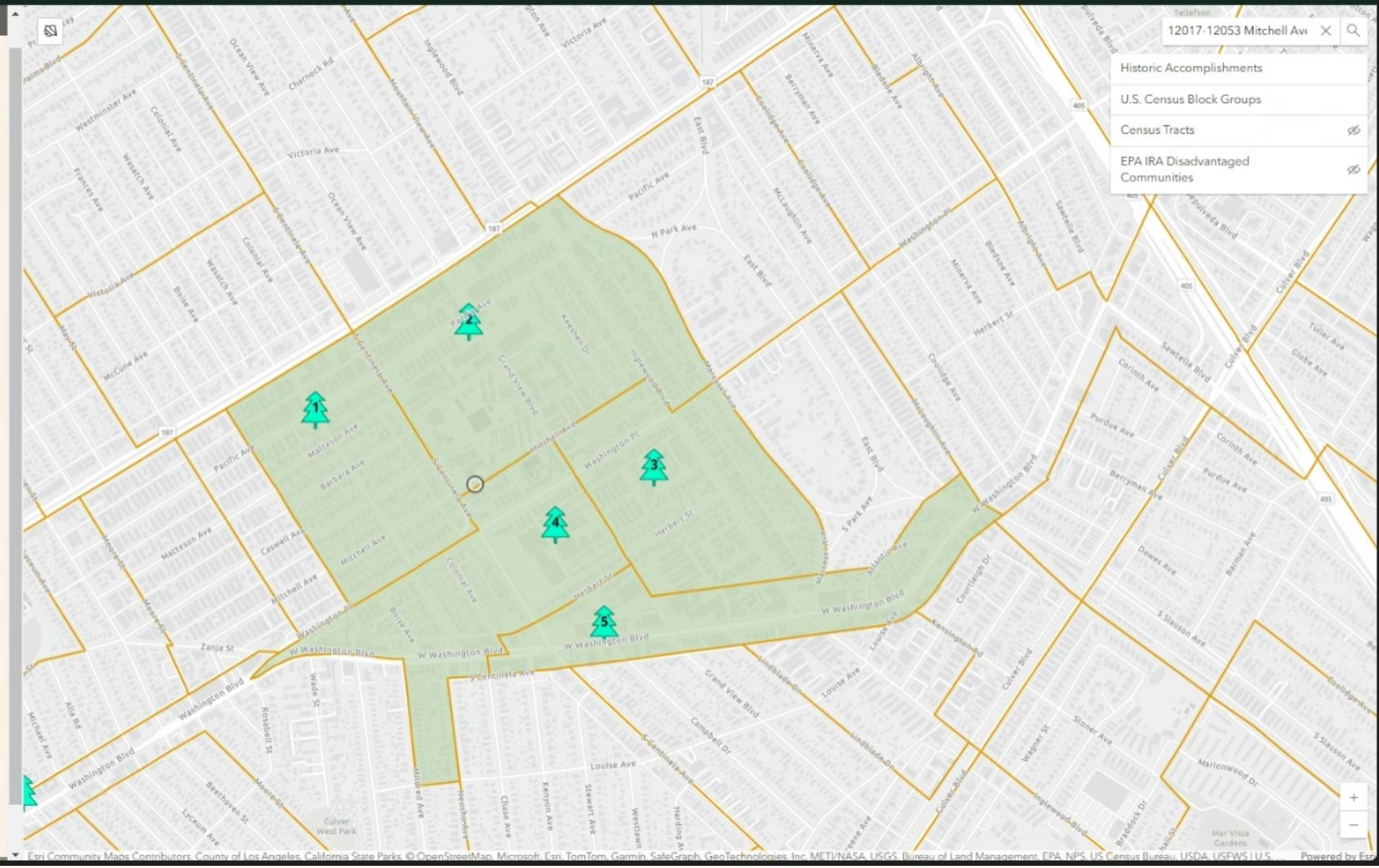
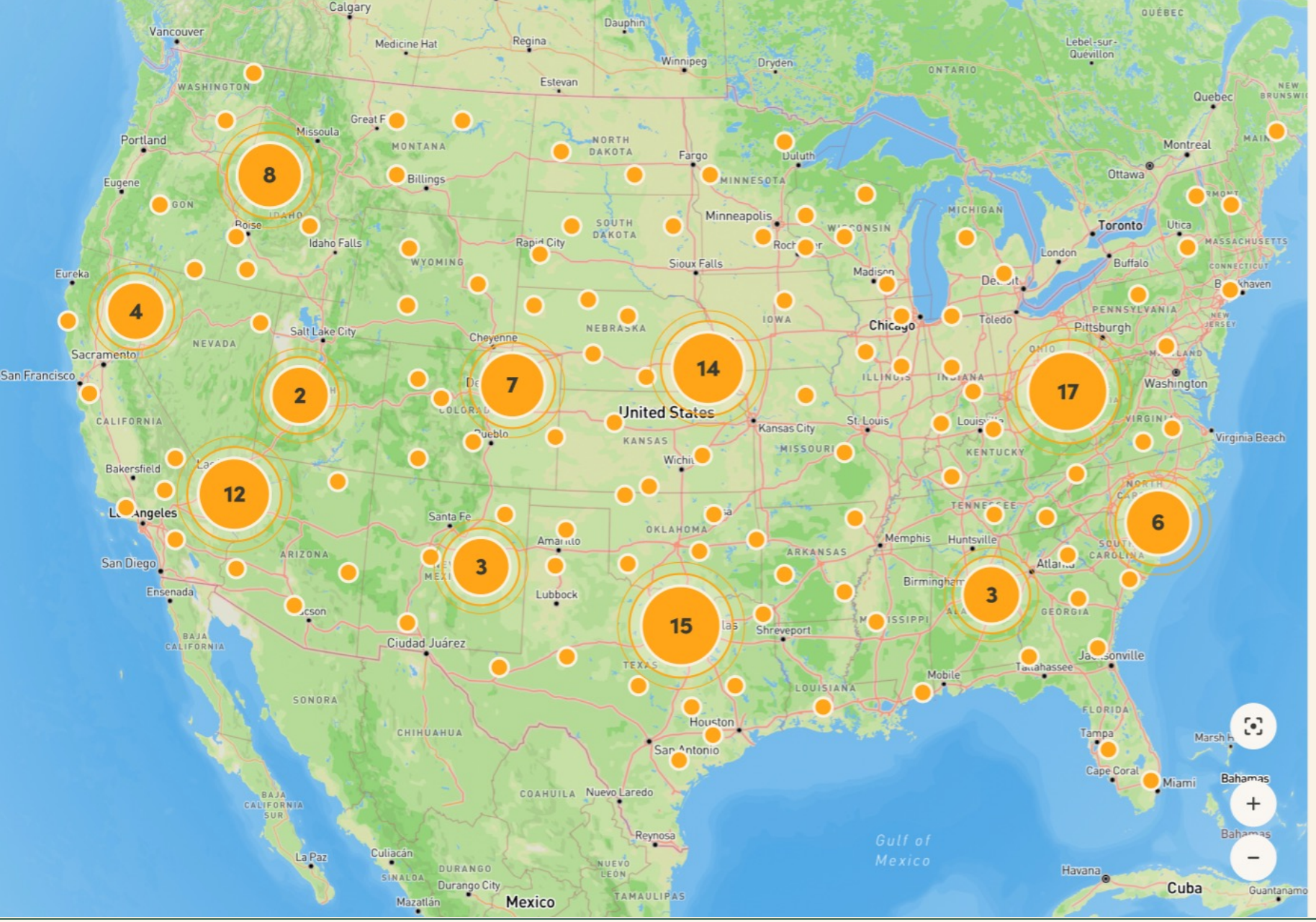
Brad Snider (Unverified)





198,554

TREES PLANTED AND DISTRIBUTED

Forests & Communities

82

TOTAL PROJECTS

Carbon	113,020	METRIC TONS CO2 SEQUESTERED
	Explore Carbon Sequestration from Forests on the Map	
Water	65,236,802	GALLONS AVOIDED WATER RUNOFF
	Explore Water Risk on the Map	
Air	489	TONS AIR POLLUTANTS REMOVED
	Explore Air Quality on the Map	

Estimated benefits over 40 years. This data was generated using the iTree API. Learn more about how this data was generated.

500K +
Trees planting events

500M
Community Participants

EQUIVALENCY METRICS

$36.67
energy savings / year

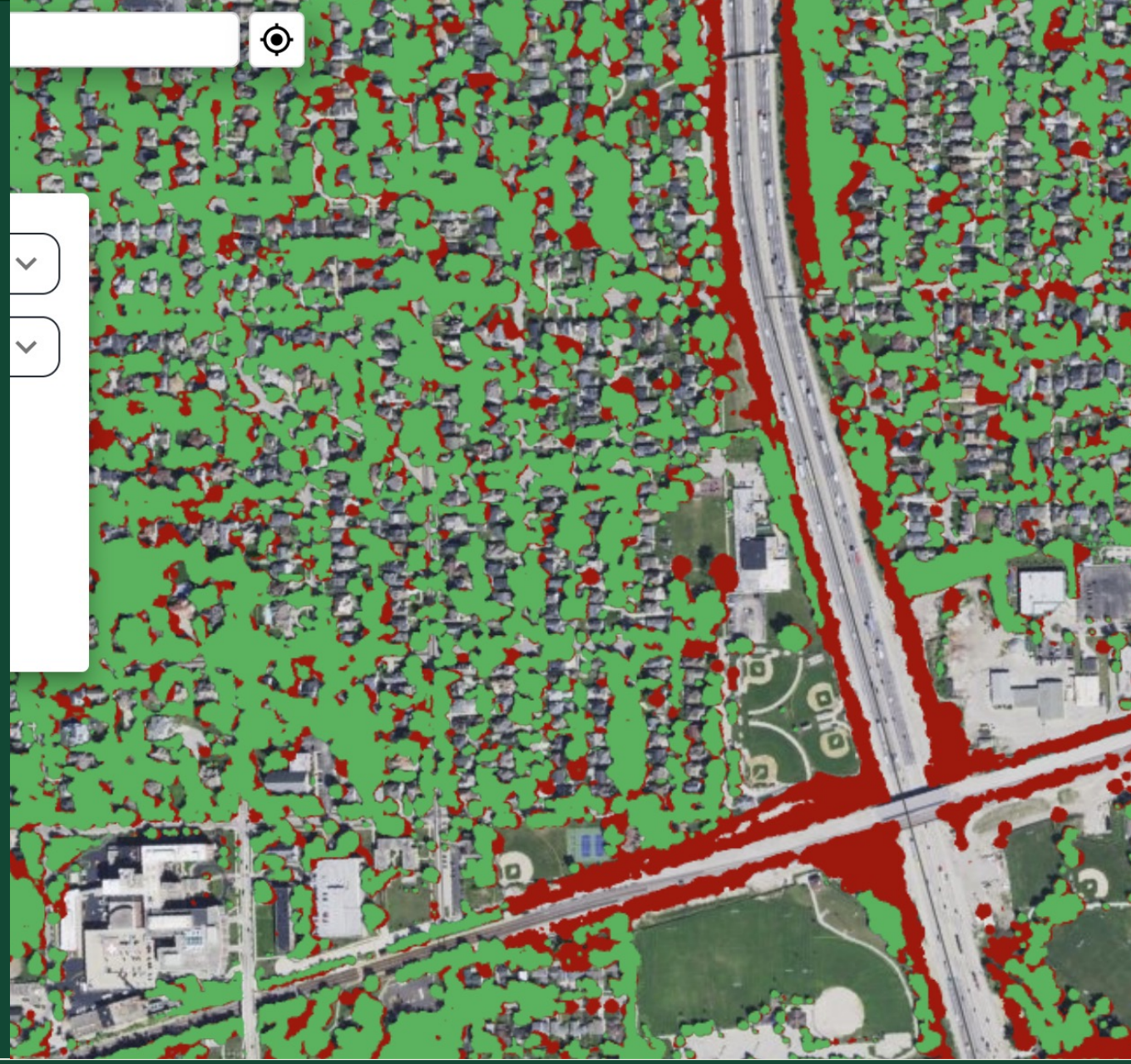
2
cars off the road for 1 year

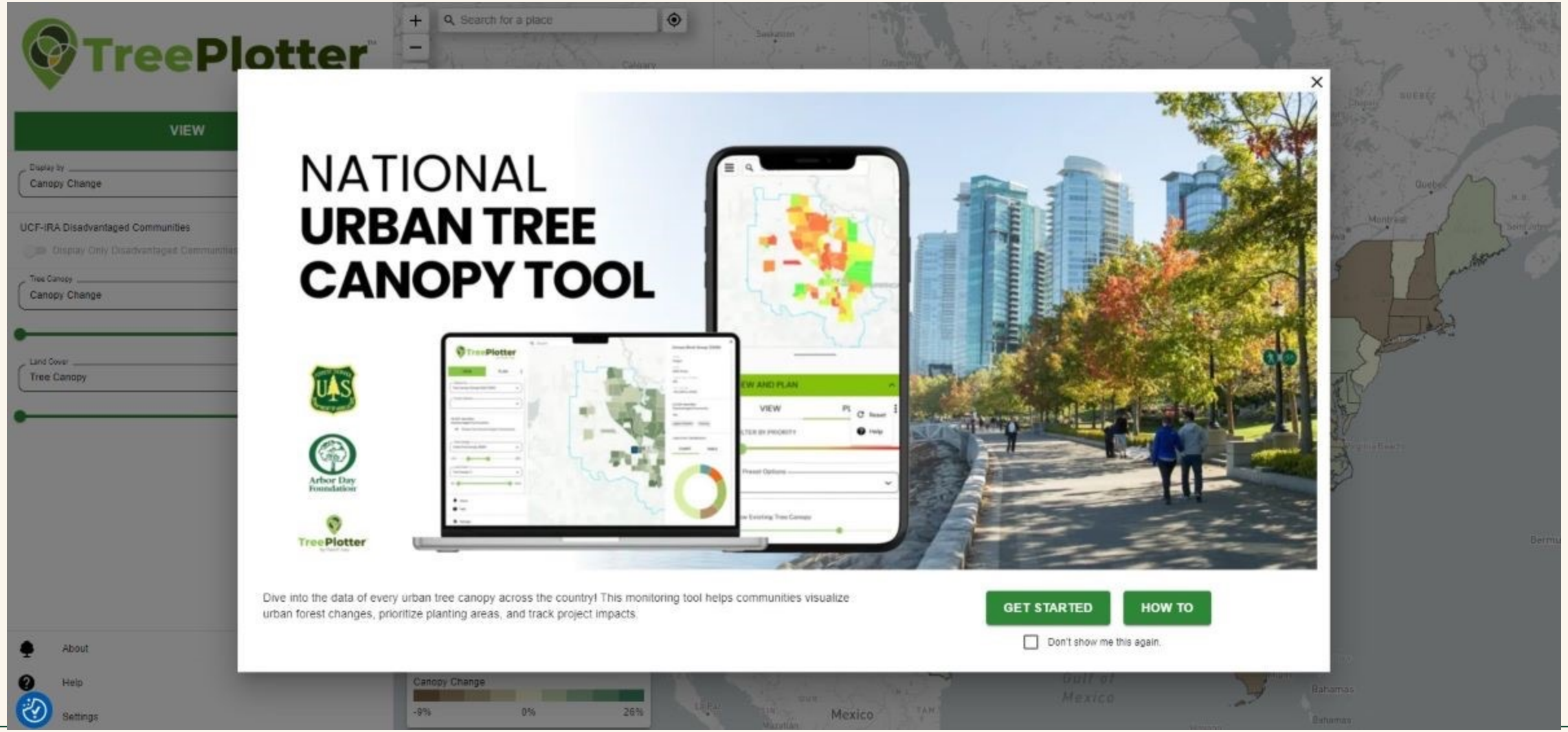
7
bottles of water saved

5
people's daily oxygen

Estimated benefits after 40 years. This data was generated using iTree.

UCF-IRA is developing resources that can be plugged back into i-Tree Tools




TreePlotter
VIEW
Display by
Canopy Change
UCF-IRA Disadvantaged Communities
Display Only Disadvantaged Communities
Tree Canopy
Canopy Change
Land Cover
Tree Canopy
About
Help
Settings
Search for a place
Canopy Change
-9%
0%
26%
Mexico
NATIONAL
URBAN TREE
CANOPY TOOL
Arbor Day Foundation
TreePlotter
Dive into the data of every urban tree canopy across the country! This monitoring tool helps communities visualize urban forest changes, prioritize planting areas, and track project impacts.
GET STARTED
HOW TO
Don't show me this again.

Census Block Group ID:
170318198021

State
IL

Total Assessed Area
235 Acres

Urban Tree Canopy
26.84%

UTC Change
-8.36% (2017 to 2023)

UCF-IRA Disadvantaged Community
No

Land Cover Classification

CHART | TABLE

Tree Canopy	26.84%
Shrub	0.04%
Water	0%
Herbaceous	29.98%
Bare Soil	0.56%
Impervious	48.11%

TreePlotter™ by PlanIT Geo

VIEW | PLAN

Display by
Canopy Change

UCF-IRA Disadvantaged Communities

Display Only Disadvantaged Communities

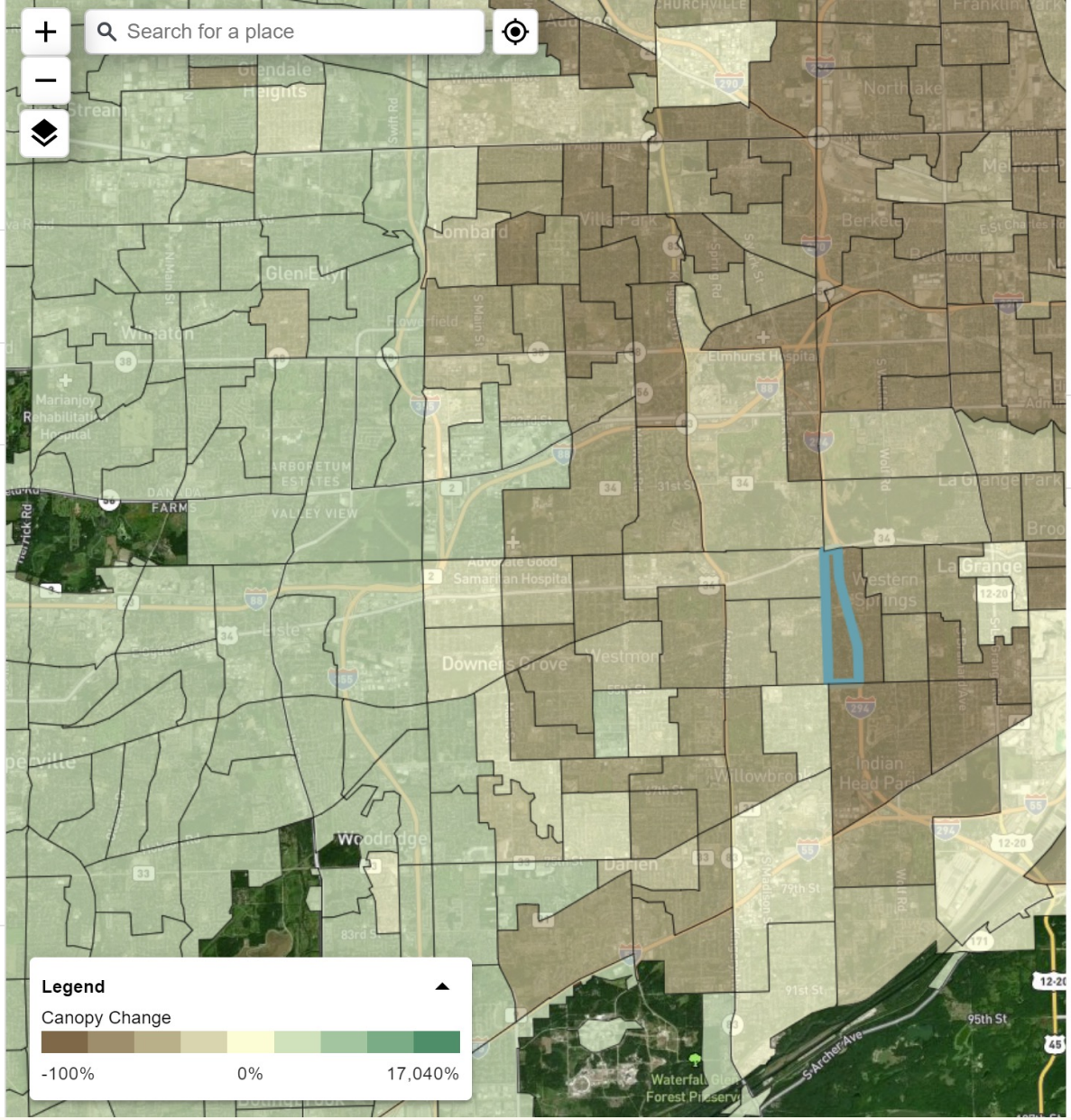
Tree Canopy
Historical Canopy

Land Cover
Tree Canopy

About

Help

Settings



Census Tract ID: 17031820000

State
IL

Total Assessed Area
426 Acres

Urban Tree Canopy
44.48%

UTC Change
-12.72% (2017 to 2023)

UCF-IRA Disadvantaged Community
No

Land Cover Classification

CHART | TABLE

Tree Canopy	44.25%
Shrub	0.05%
Water	0.52%
Herbaceous	24.22%
Bare Soil	1.06%
Impervious	36.72%

What is i-Tree?

Delivering current, peer-reviewed tree benefits estimation science from the USDA Forest Service, Partners, and Cooperators to all types of users with free tools and support.

What is the i-Tree Partnership?

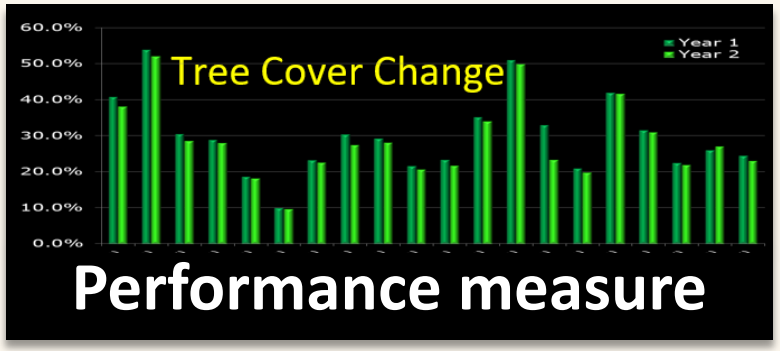
The i-Tree Cooperative:

A Story of Collaboration

Arbor Day Foundation®

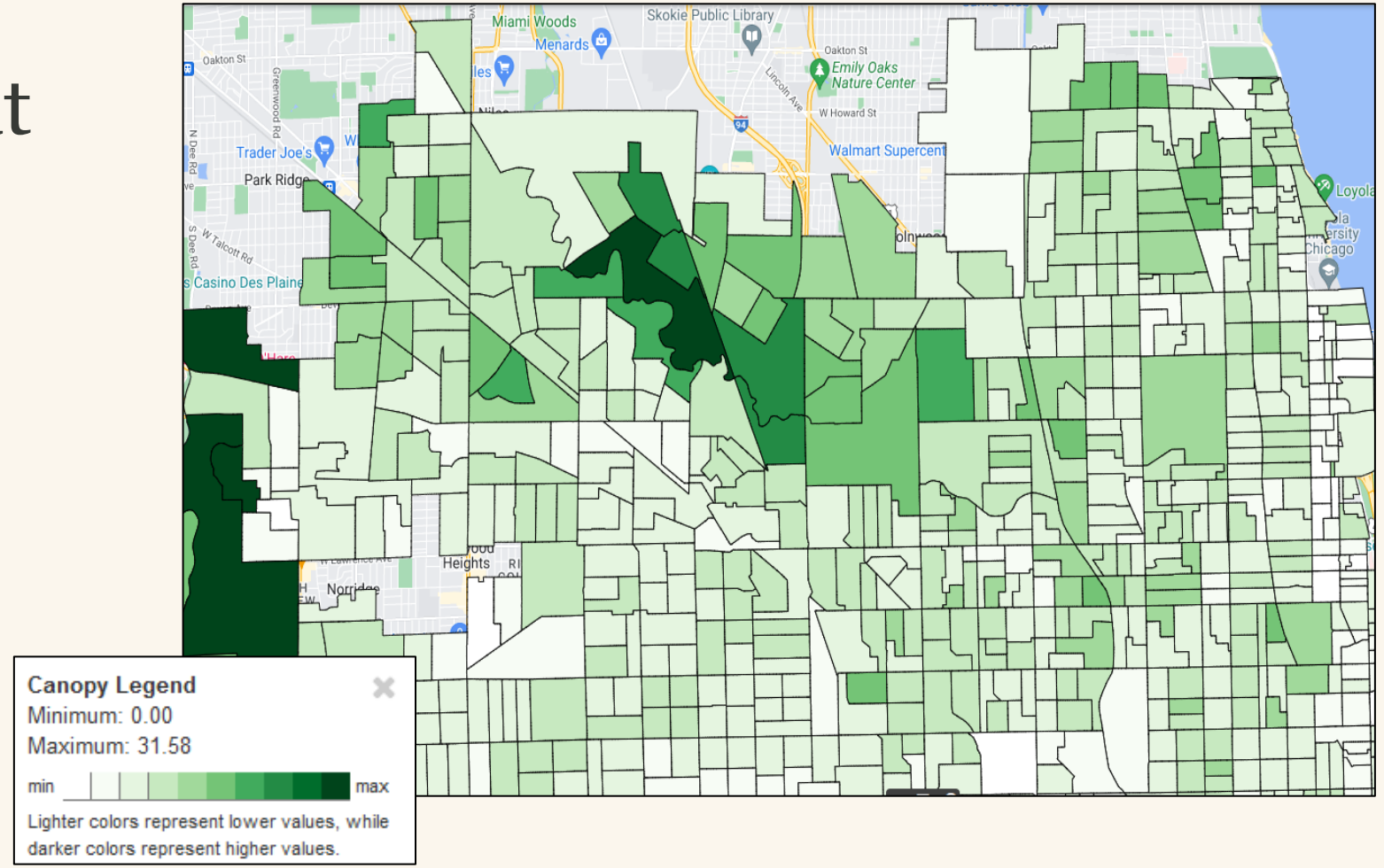
Tree benefit-based approach

i-Tree Tools



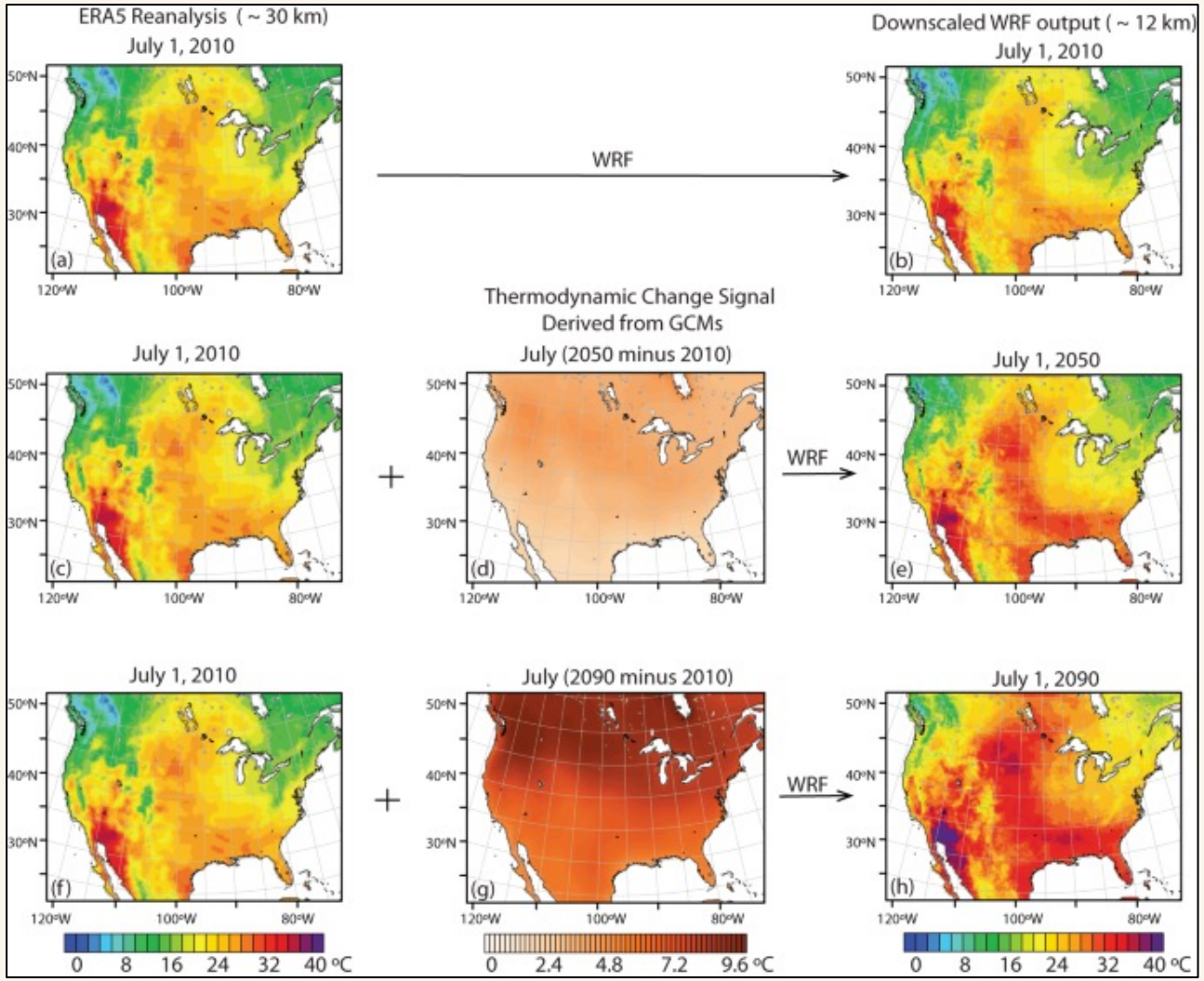
National Canopy Assessment Data Integration

Land cover metrics at 2-foot resolution for all census urban areas providing an accurate assessment of urban tree and land cover.



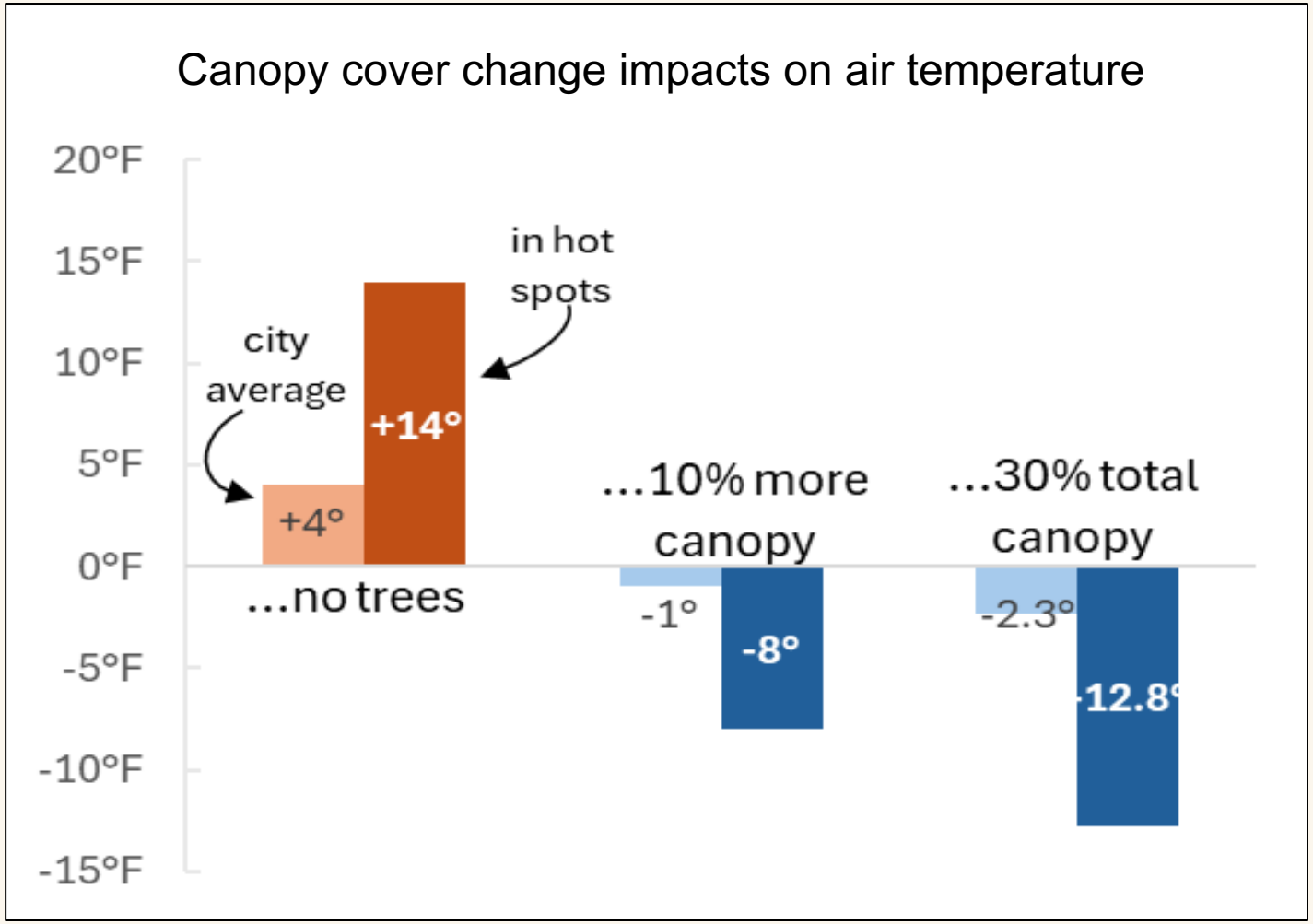
National Canopy Assessment Data Integration

Improved i-Tree ecosystem service assessments of carbon, pollution removal, hydrology, energy savings and air temperature.



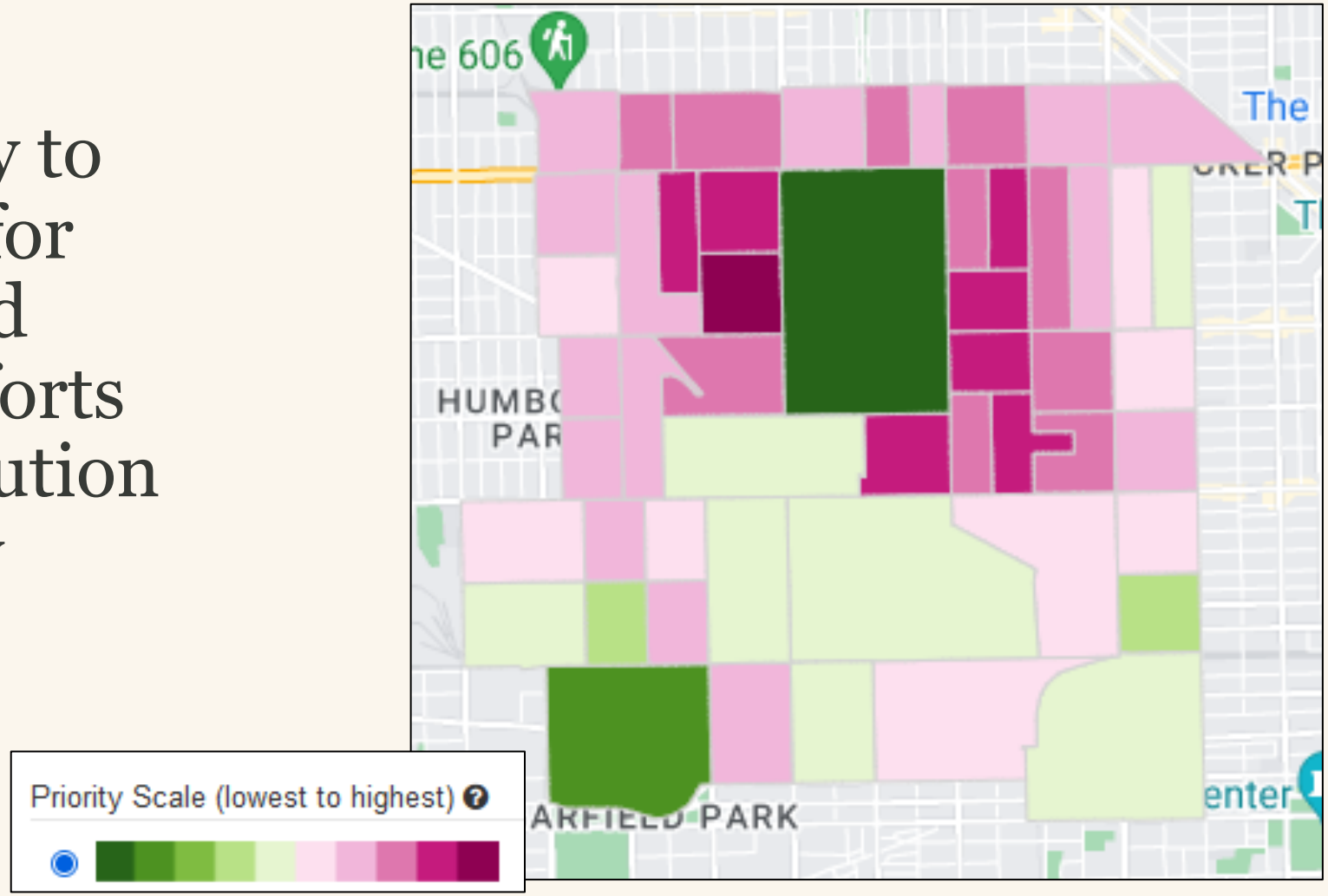
National Canopy Assessment Data Integration

Time series data providing the ability to assess changes in canopy cover and associated tree benefits over time.



National Canopy Assessment Data Integration

Enhanced ability to prioritize areas for tree planting and management efforts using high resolution data and canopy change metrics.



THE POWER OF A STORY

i-Tree Tools

- The Tools
- The Community
- The Need
- The Project
- The Resulting Benefits
- The Story

AMPLIFY YOUR STORY
PLEASE SHARE IT WITH US

Thank you.

Alexis Ellis - alexis.ellis@usda.gov

Robert Seemann – robert.seemann@usda.gov