

Seeing the Trees and the Forest

GIS as the Common Thread
in Our Environment and Community

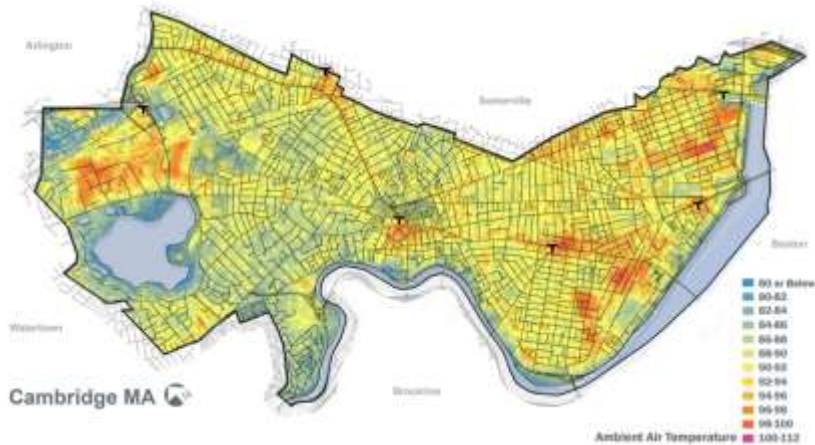


“You can't see the forest for the trees”





Senior citizens are among the group most at risk of not seeing text. Courtesy photo



Our Environment



1 Cucumber Magnolia - City Hall

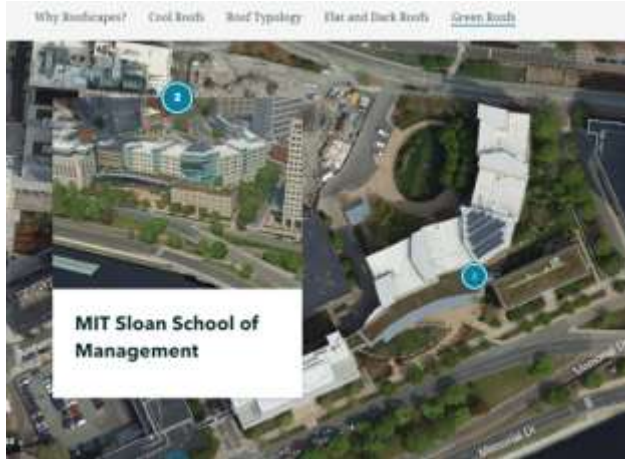
The Cucumber magnolia (*Magnolia acuminata*) located on the front lawn of City Hall is one of the largest City-maintained magnolias in Cambridge, with a DBH of over 20 inches. Most of the flowers and cucumber-shaped fruits can be difficult to see because they appear towards the top of the canopy in this species.



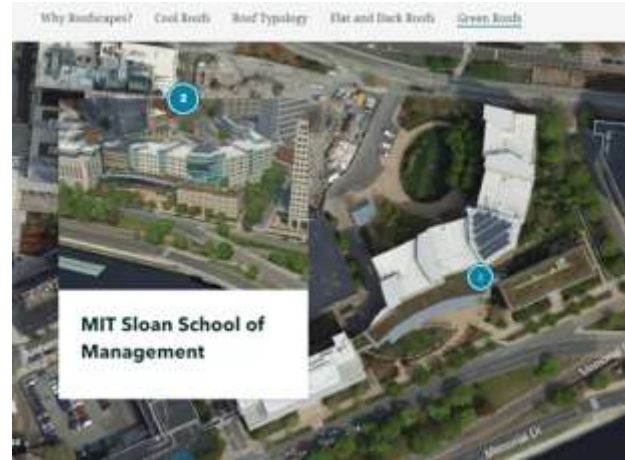
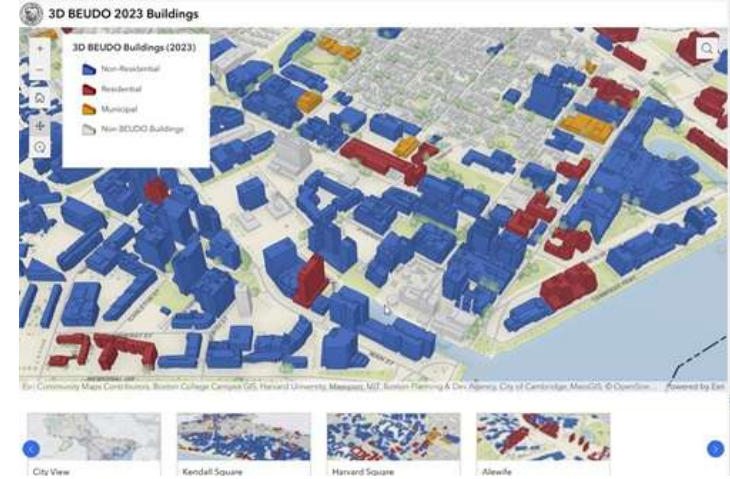
1 Elm Hampshire Plaza

129 Hampshire Street • 0.3 acres
Open from 10:00 a.m. to 6:00 p.m.

Located at the center of Elm and Hampshire Streets, this park's bright orange furniture and fencing are eye-catching in every season. The park



Our Built Environment



Our Communities

Cambridge Early Voting and Drop Box Locations

Early Voting Locations

- O'Neill Library
- Main Library
- Valente Library

Voting Drop Box Locations

- Main Drop Box Location
- Satellite Drop Box Locations

Transportation to DHSP Afterschool Programs

How to Use this Map

1. Choose the school that your child attends or will attend in the "Schools" section at the top of your screen.
2. A list of DHSP afterschool programs will appear on the right side of your screen. These are the afterschool programs that CPS provides transportation to from the school you selected.
3. (Optional) Select your child's grade in the "Grade in School" section to filter afterschool locations by grade.

Important Reminders:

- Transportation routes are for drop-off only. Parents/caregivers are responsible for picking up their children at the end of the day.

Map Key

DHSP Afterschool Programs

- Childcare Extended Day
- Community School
- King Open Extended Day (KODE)
- Youth Center

Schools

- Cambridge Public Schools (CPS)
- Non-CPS Schools

Moses Youth Center

Address: 243 Harvard St.

Grades served: 14 - 19 year olds (teens only)

Hours: 2:30 - 9:30 p.m.

Days per week you can enroll: 2, 3, or 5 days per week

Baldwin School

Operational time: 3:15 p.m. - 2:45 p.m. on Wednesdays

CPS provides transportation from Baldwin School to the afterschool programs listed below.

Fletcher Maynard Academy Childrens Afterschool

Grades served: K - 5

Hours: 2 - 5:55 p.m.

Days offered: 5 days per week

Dr. Martin Luther King, Jr. Childrens Afterschool

Grades served: K - 5

Hours: 2 - 5:55 p.m.

Days offered: 5 days per week

Maria Chikbare Afterschool

Grades served: K - 5

Hours: 2 - 5:55 p.m.

Days offered: 5 days per week

Pavlovsky Childrens Afterschool

Grades served: K - 5

Hours: 2 - 5:55 p.m.

Days offered: 5 days per week

Select a language

Search: []

- All Locations
- CPS Locations
- Non-CPS Locations
- All Locations
- CPS Locations
- Non-CPS Locations

- Avenue Commission City Hall Annex
- Budget City Hall
- Cambridge Ave City Hall Annex
- City Clerk's Office City Hall
- Community Development City Hall Annex
- Community Learning Center Central Square
- Community Learning Center North Cambridge
- Council on Aging Senior Center
- Department of Human Services Programs Center Building

Legend

- All Locations
- CPS Locations
- Non-CPS Locations

Safe Routes to School Walking Maps

1 Overview

2 King's School

3 Baldwin School

4 Cambridgeport School

5 Dr. Martin Luther King Jr. School & Putnam Avenue...

6 Fletcher Maynard Academy

Map Key:

- Public Schools
- Walking Route
- Walking Route

Summary Report

Resilient City Resilient People is an easy to read summary of the Resilient Cambridge Plan.

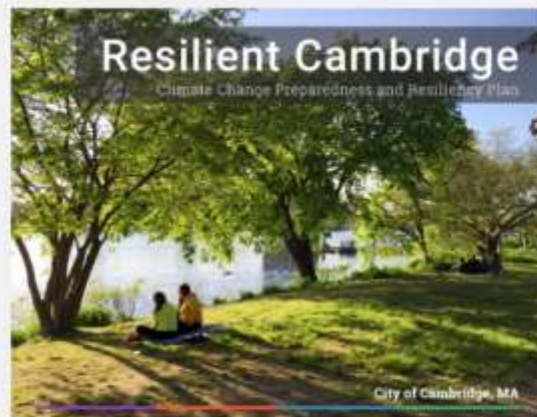
[Download Resilient City Resilient People](#)



Resilient Cambridge Plan

The Plan lays out the risks from climate change, the strategies, and the implementation schedule.

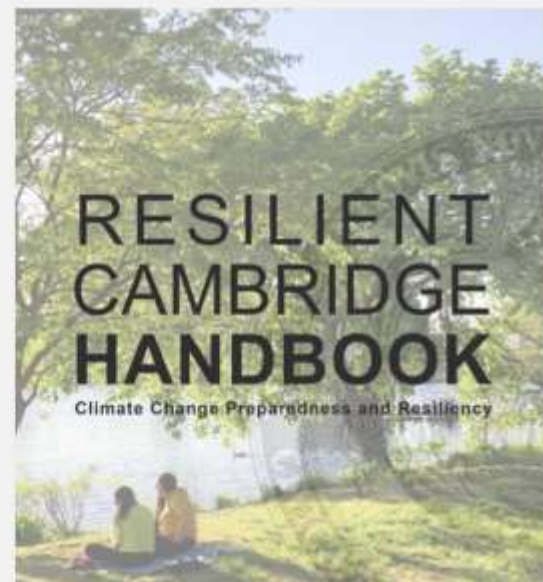
[Download the Resilient Cambridge Plan](#)



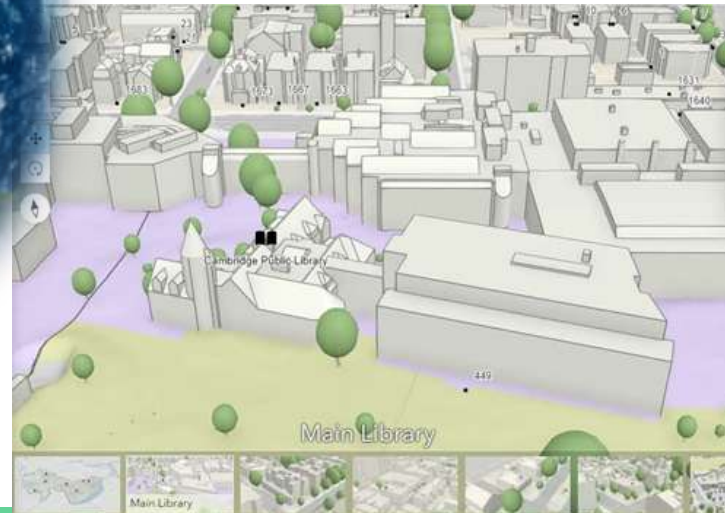
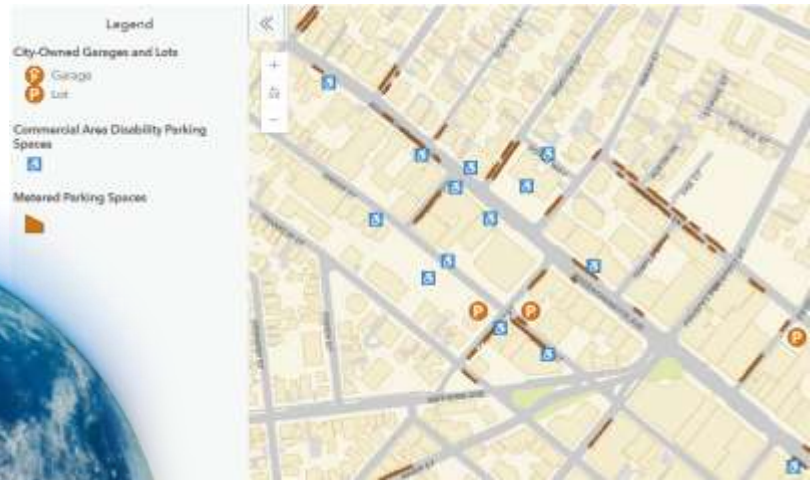
Resilient Cambridge Handbook

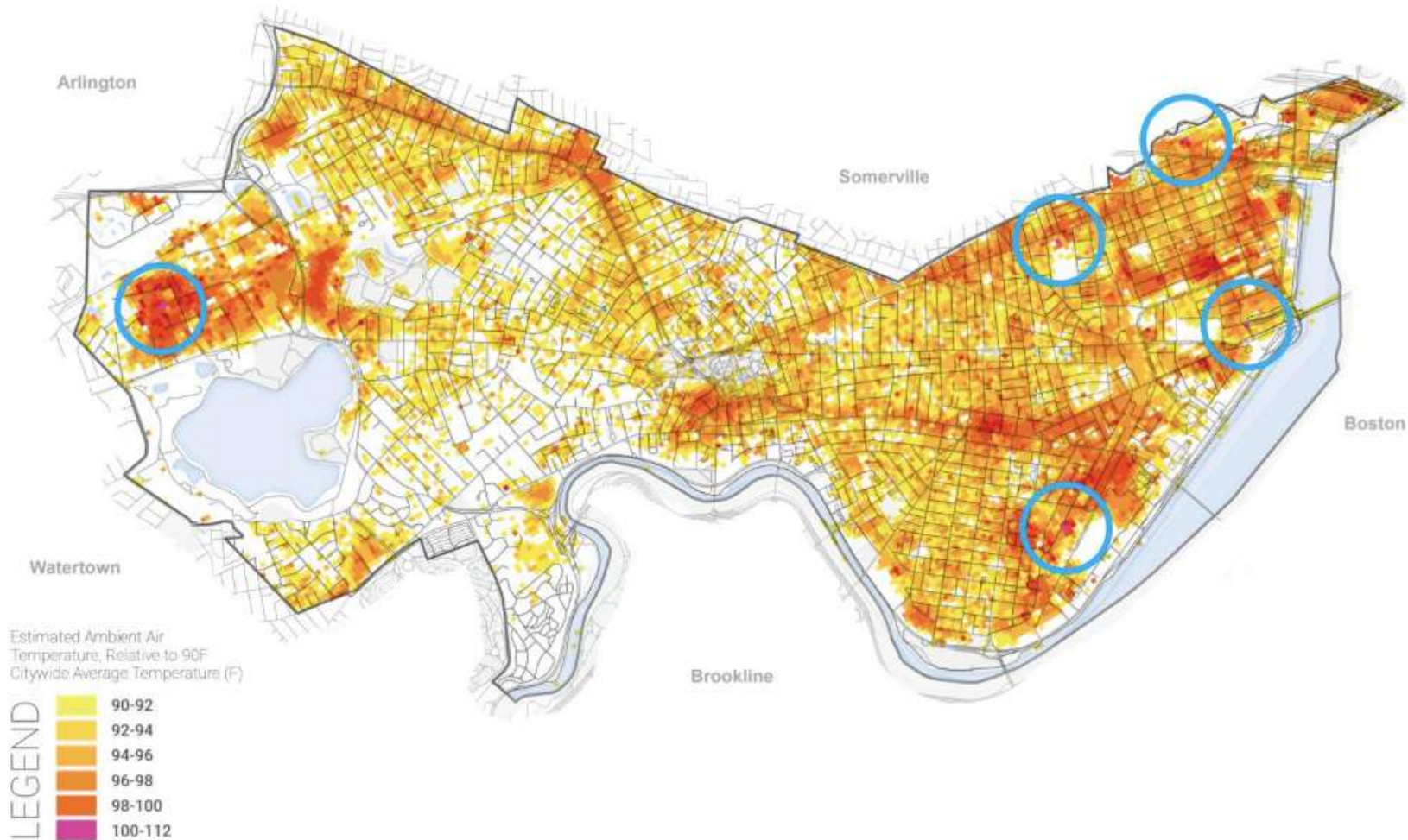
The handbook describes in detail the four categories of strategies in the Plan.

[Download the Resilient Cambridge Handbook](#)



GIS as the Common Thread







Buildings

Roof Type and Reflectivity

- Pitched and Dark Roof
- Flat and Dark Roof
- Flat and Cool Roof
- Hybrid or Complex Roof
- Pitched and Cool Roof

Cambridge Neighborhoods





Cambridge Roofscapes

Explore how the roofs of Cambridge can cool our city, increase solar power, and improve resilience.

Cambridge, MA Community Development Department (CDD)

[Why Roofscapes?](#)

[Cool Roofs](#)

[Roof Typology](#)

[Flat and Dark Roofs](#)

[Green Roofs](#)

[Solar Panels on Roofs](#)

[Climate Resilience Zoning](#)

The ShadeScope of Cambridge



	12 PM	1 PM	2 PM	3 PM
Building Shades				
Tree Shades				
Both				

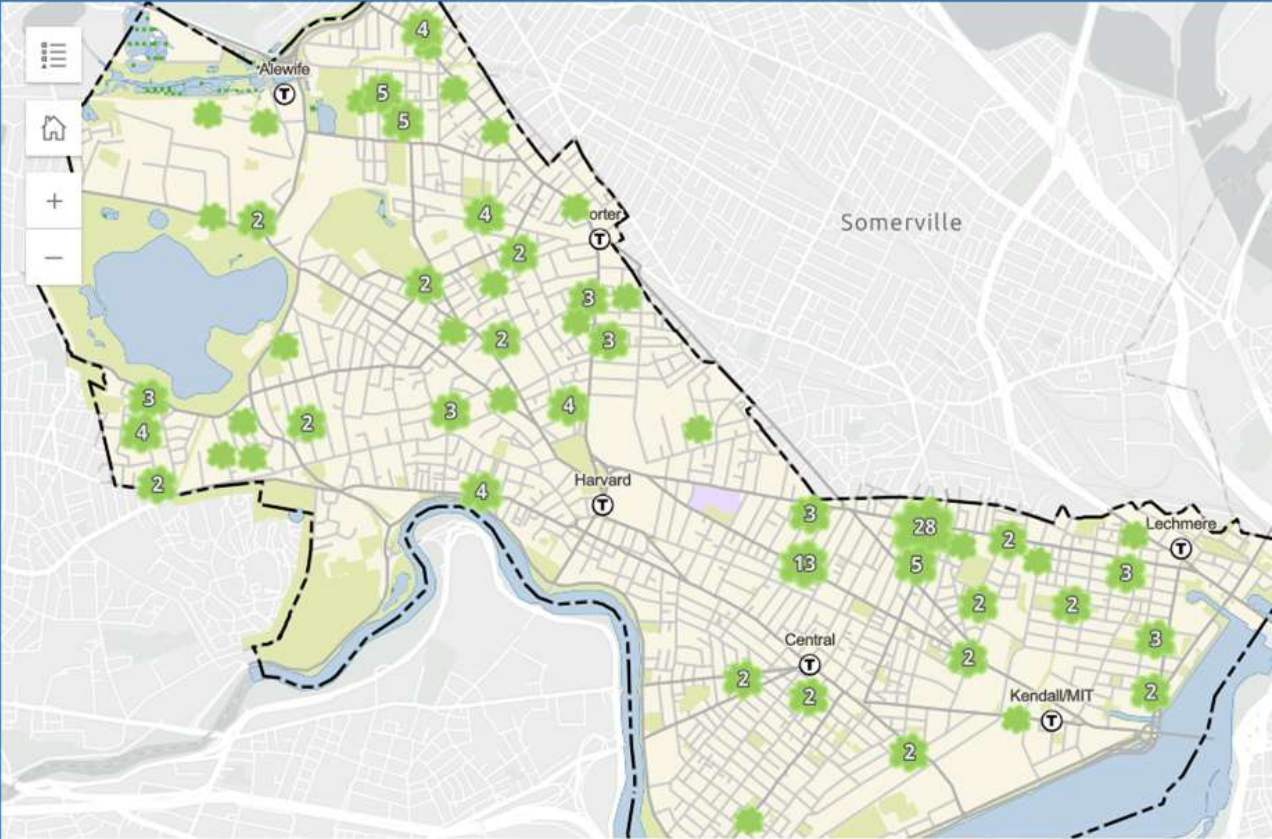
Neighborhood Name	Average tree shade coverage	Average building shade coverage	Average shade coverage (either trees or buildings)
Area 2/MIT	63.4	73.2	81.0
Baldwin	78.0	38.8	84.3
Cambridge Highlands	51.4	29.8	56.6
Cambridgeport	64.9	67.3	84.2
East Cambridge	69.5	73.9	85.5
Mid-Cambridge	68.3	49.7	79.7
Neighborhood Nine	72.8	44.2	79.9
North Cambridge	66.2	54.1	75.6
Riverside	68.2	67.9	85.5
Strawberry Hill	63.8	22.5	68.4
The Port	70.8	73.5	87.3
Wellington-Harrington	69.0	56.1	82.3
West Cambridge	78.8	52.9	84.2

Unshaded Shaded

Shade Coverage between 12 - 3 PM



Scheduled 2025 Planting Locations



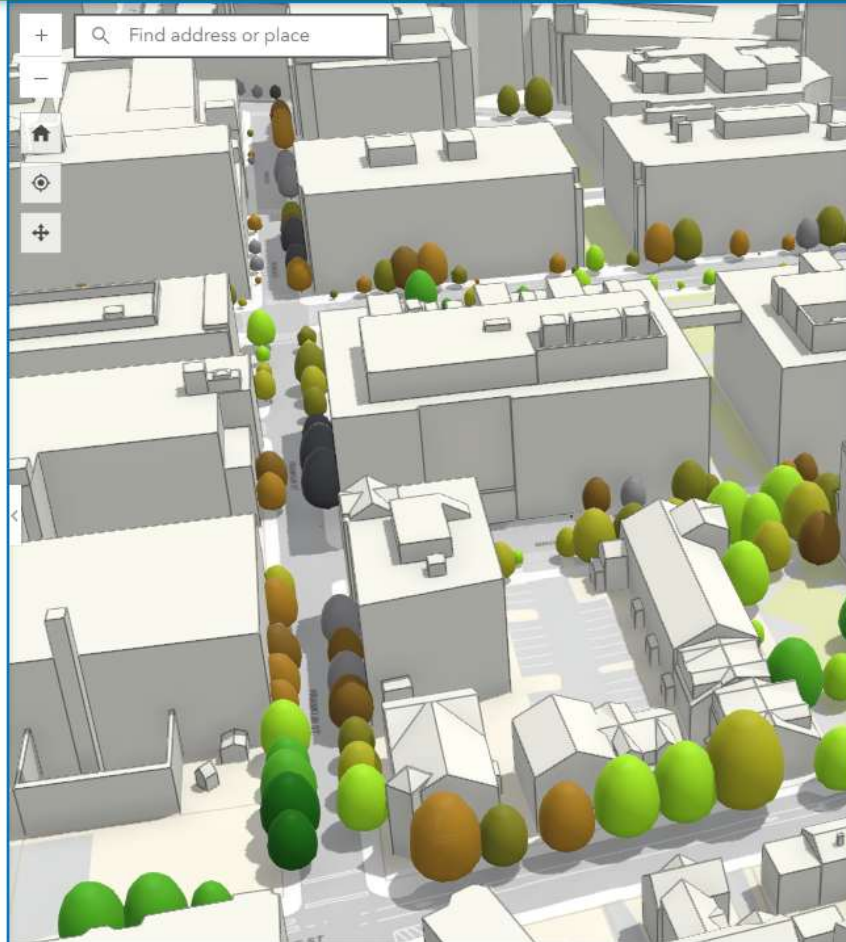
Boston College Campus GIS, Harvard University, Massport, City of Cambridge, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc



3D Trees - Solar Rating

- 1 - Least Light
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10 - Most Light

3D Active Buildings



Shadows

Drag the slider to change the time of day.



12:30 PM

GMT -5

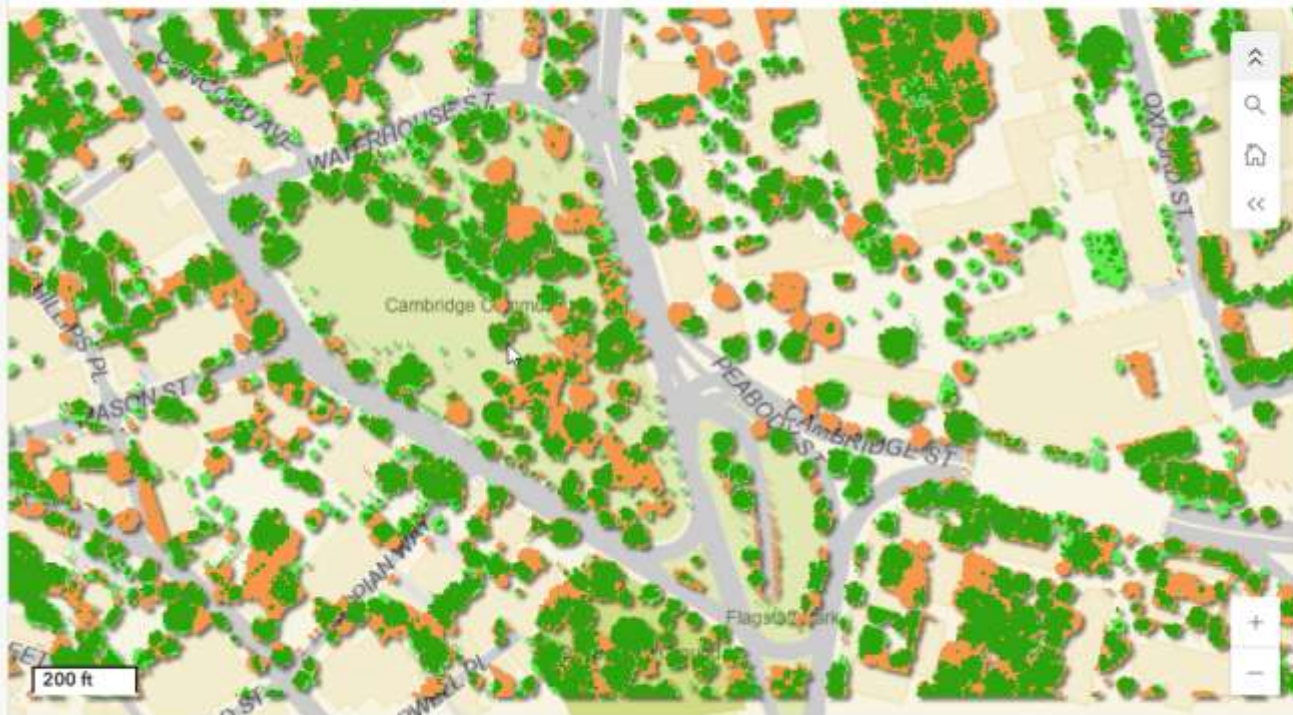
July 16, 2025

Shadowing

Direct shadow (cast by sunlight)



Canopy Change from 2009 to 2020



Map data © OpenStreetMap contributors, Microsoft, Facebook, Inc. and its affiliates, Esri Community Maps contributors, Map layer by ... Powered by Esri

2009 to 2020

2009 to 2014

2014 to 2018

2018 to 2020

Canopy Over Roads

 **101.8**

acres in 2020

Canopy Over Sidewalks

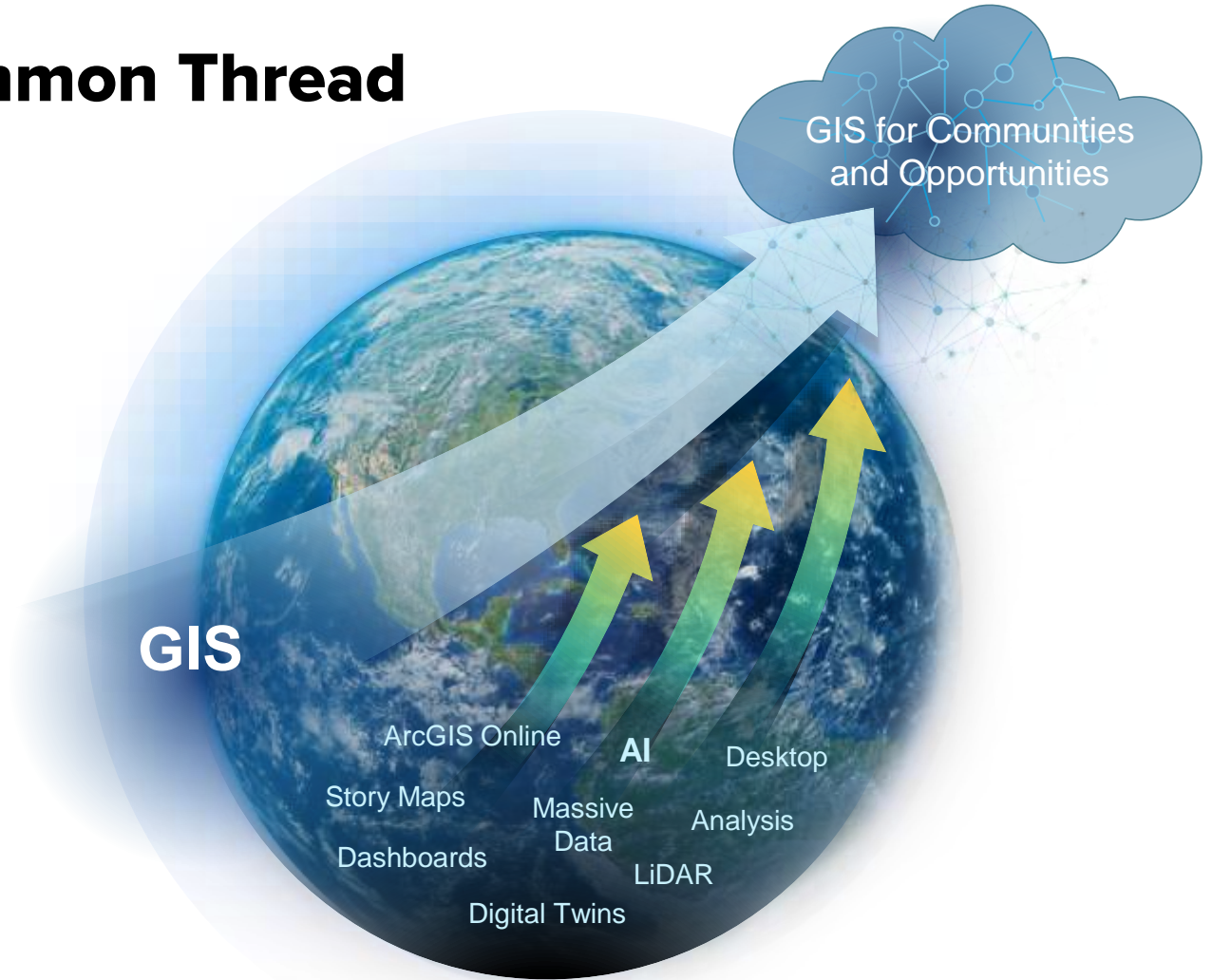
 **76.2**

acres in 2020

Change in Acres



GIS as the Common Thread





Thank You!