

Engage with MyTree and OurTrees



PRESENTED BY:

Ana Castillo

i-Tree Outreach and Support Specialist, The Davey Institute

Ana.Castillo@Davey.com



About Us

i-Tree Suite of Tools



- Software tools designed to calculate the benefits of trees
- “Putting US Forest Service science into the hands of users”
- Free tools and technical support
- i-Tree is a public – private partnership, cooperative initiative



ALLIANCE FOR COMMUNITY TREES DAY

i-Tree Framework: Demonstrating tree value

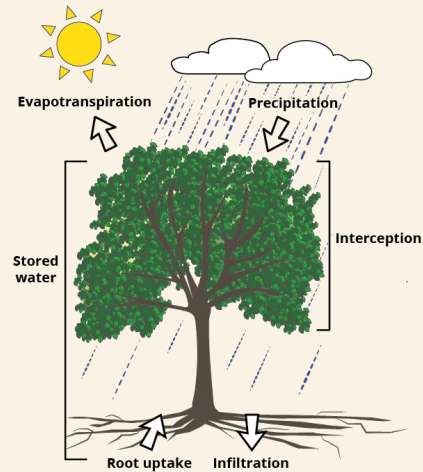
Structure



Function



Value



Total Annual Benefits = \$1,458,859,441 — Wake County, NC

The benefits analysis measured and valued three specific ecosystem service functions of tree canopy: **air pollution removal**, **carbon sequestration** and **stormwater capture**.

EACH YEAR, WAKE COUNTY'S TREES:

- REMOVE 11,022 TONS OF POLLUTANTS FROM THE AIR
- ABSORB 414,710 TONS OF CARBON DIOXIDE
- INTERCEPT 8.1 BILLION GALLONS OF STORMWATER

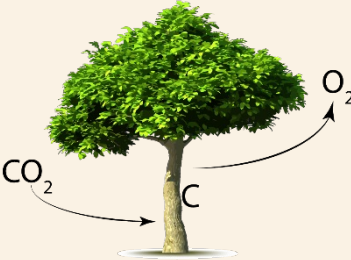
- Created 166,950 square feet of tree cover
- Released 14,838,972 gallons of water into the atmosphere
- Removed 831,933 pounds of carbon from the atmosphere
- Stopped 1,908,937 gallons of runoff Saving \$17,058.40 in runoff costs
- Saved \$11,794 in electricity costs

Baltimore Tree Trust

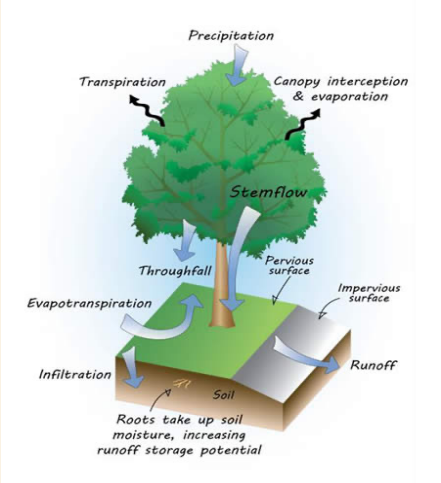


Tree Benefits Results

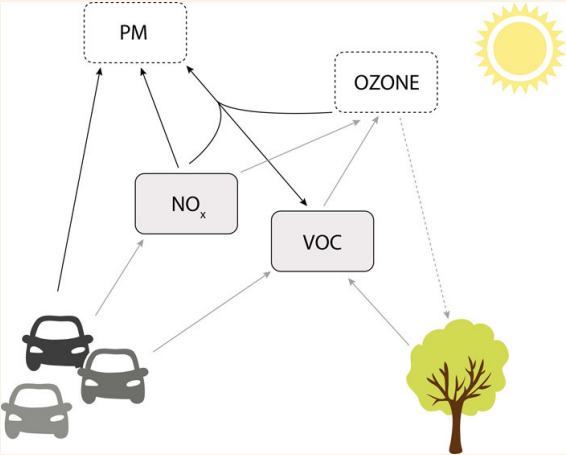
Carbon dioxide
Storage and sequestration of a greenhouse gas



Stormwater
Avoided runoff, evaporation, transpiration

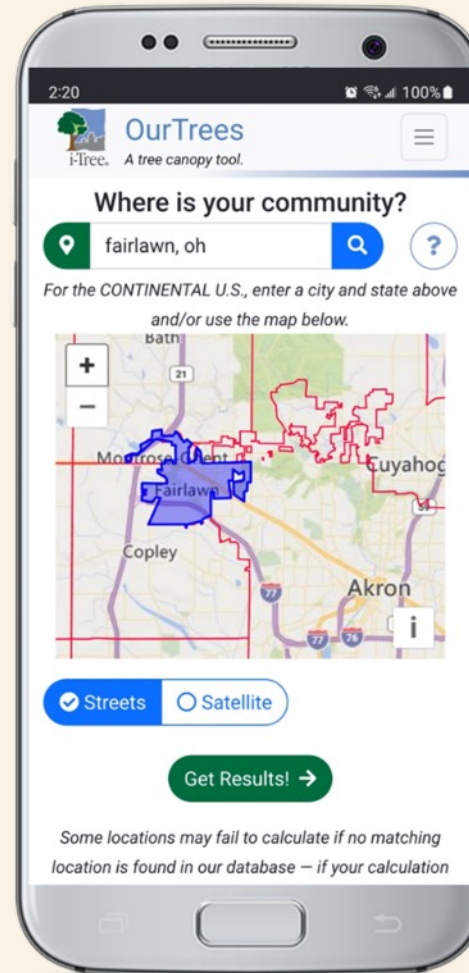


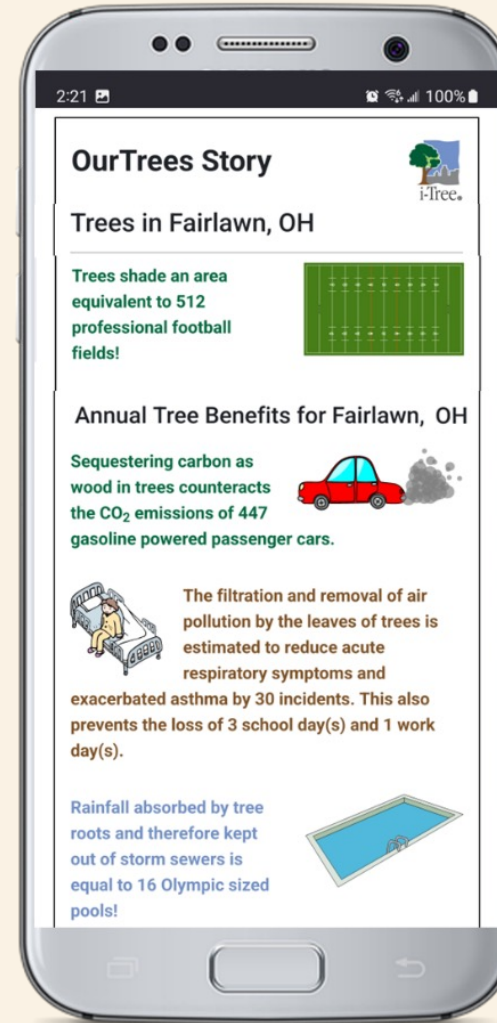
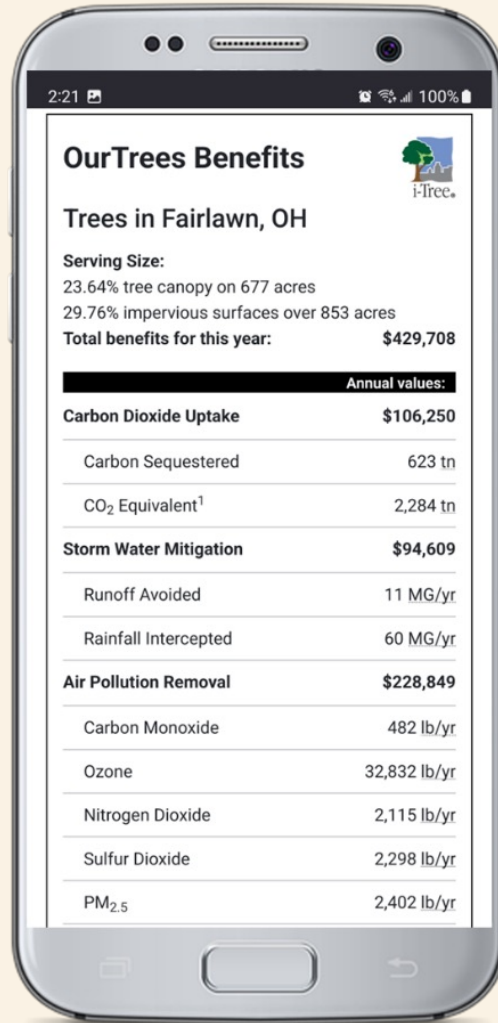
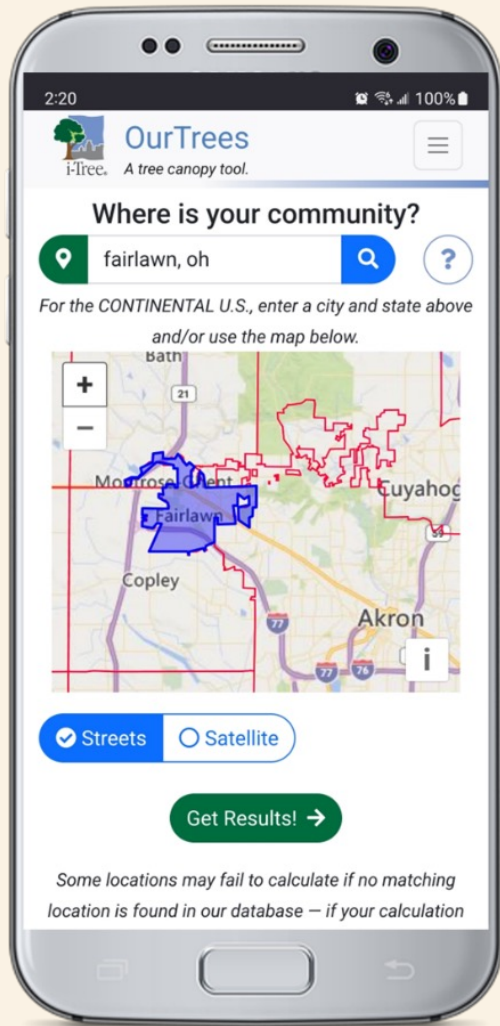
Air Quality
Interaction with EPA criterion pollutants resulting in improved health



OurTrees

- A snapshot of the tree canopy cover of your community
- See tree canopy benefits in minutes
- Based on US Census and NLCD tree canopy cover data
- Mobile friendly tool



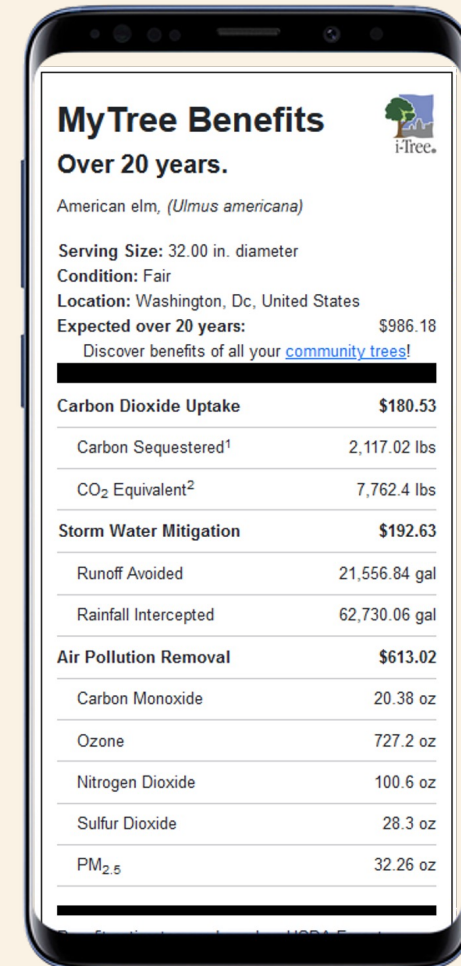


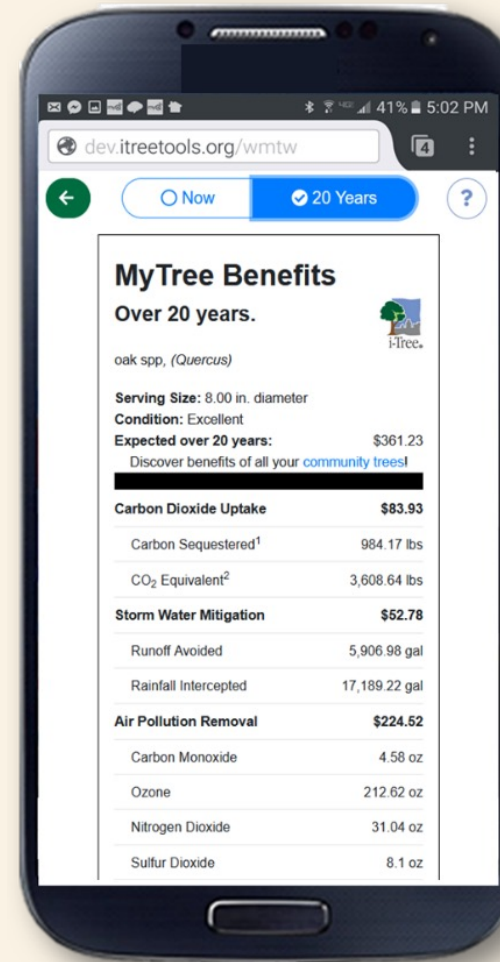
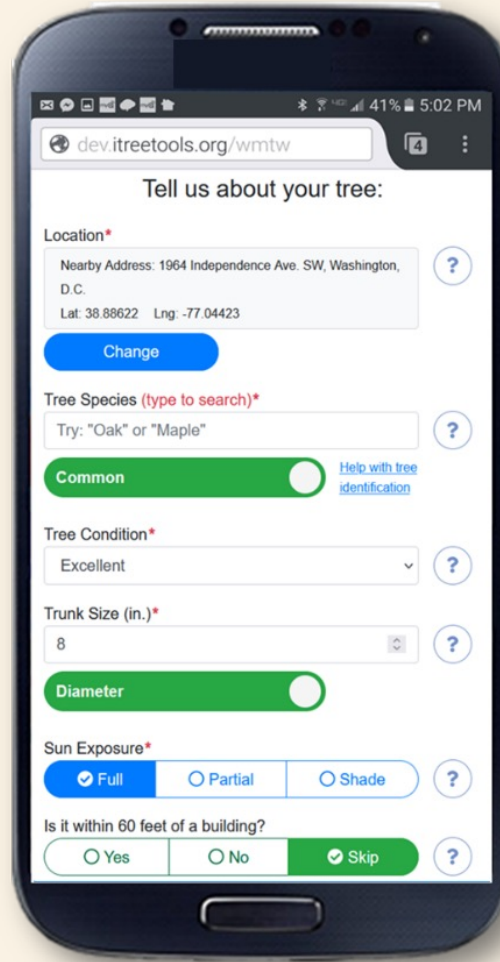
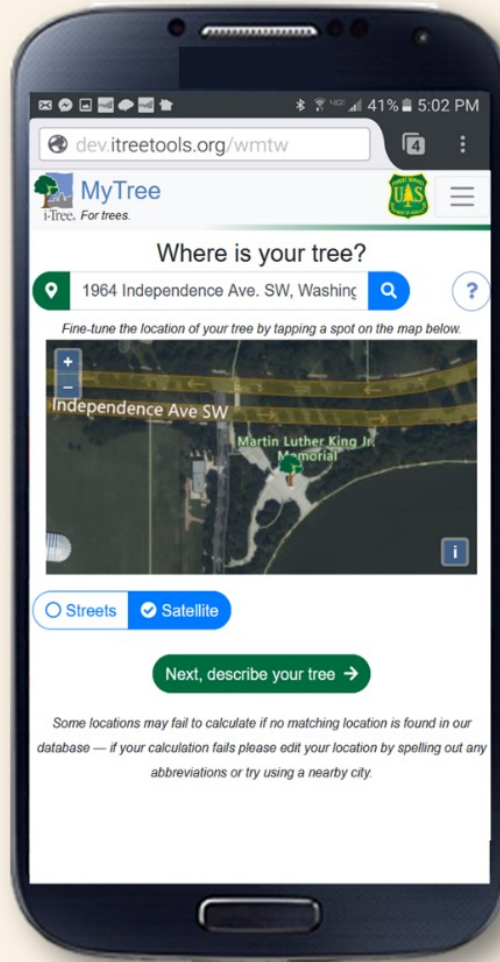
OurTrees.itreetools.org



MyTree

- Individual tree tool
- Easy to use – only species ID and DBH measurement needed
- Simple, easy to digest output
- Available worldwide





MyTree.itreetools.org



ALLIANCE FOR COMMUNITY TREES DAY

#EUTreeTag Campaign

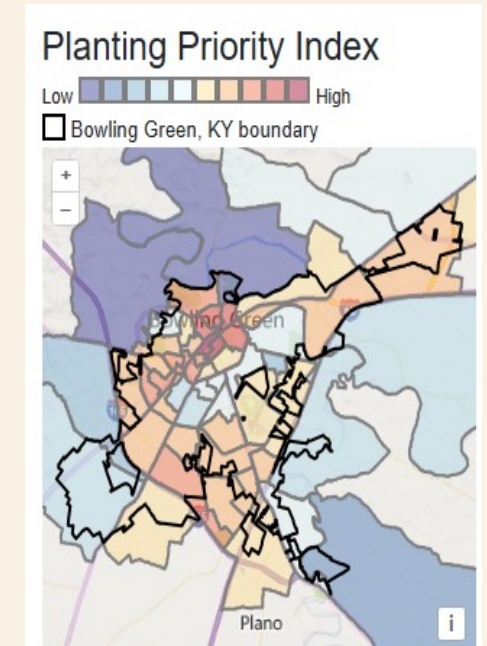
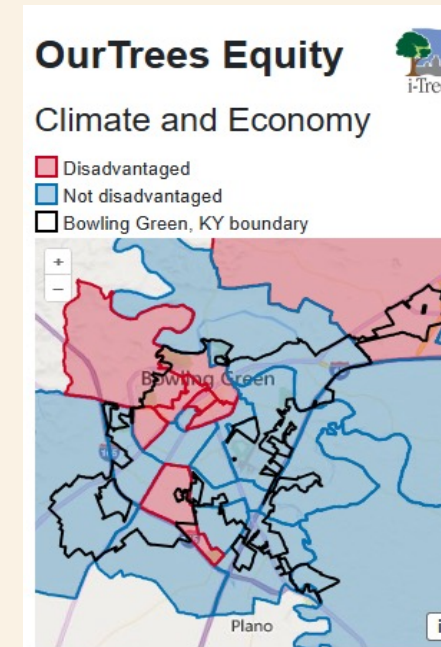
- Led by Pius Floris Boomverzorging with participation from 12 other organizations
- Created tree tags and placed them on them trees on a specific day
- Over 700 trees tagged!



Outreach with i-Tree



- Educate the public with OurTrees, which helps them become invested in caring for the trees



I-TREE AT PARTNERS IN COMMUNITY FORESTRY

Wednesday

i-Tree Real World: Chicago

Indoor “Field” Experience 1-4pm

- Connect with members of the i-Tree Development, Science, and Support teams
- See live demos of i-Tree tools and learn how to set up an i-Tree Eco plot
- Explore the future of i-Tree with Cool Air, the urban heat island modeler

Thursday

2:45 – 3:25 pm (Red Lacquer Room)

**Fostering the Forest for All:
Growing Further with i-Tree**

Alexis Ellis; USFS Northern Research Station
Robert Seemann; USFS

**Bringing the Receipts: Using i-Tree
to Capture Your Impact**

Jason Henning; Davey Tree Expert Company





THANK YOU

i-TreeTools.org

Contact: info@itreetools.org

Follow us on LinkedIn:



ALLIANCE FOR COMMUNITY TREES DAY