

Our Trees.

Our Communities.

Lydia Scott, Director lscott@mortonarb.org

### What is CRTI?

- Collaborative effort to support and host a healthier urban forest in the Chicago Region by 2040.
- Forest comprised of diverse tree species and ages.
- Forest appropriately distributed across land use types.
- Provide improved environmental, economic and social benefits.
- Efforts built on science!

### Where is CRTI?



7 County Chicago Region
(Chicago Metropolitan Agency
for Planning boundaries)

### Who is CRTI?





Executive Advisory Council — The Morton
Arboretum, Openlands, Chicago Wilderness, Forest Preserve of
Cook County, The Nature Conservancy, Metropolitan Mayors
Caucus, Chicago Metropolitan Agency for Planning, Illinois
Landscape Contractors Association, US Forest Service, US Fish
and Wildlife Service

Partners — public and private landowners and managers, contractors, planners, engineers, homeowner associations, developers, and anyone interested or working with trees. Everyone!

## Why CRTI?



It is a regional problem in need of a regional solution.

### We need your help!

## What is going on?

- Forest Composition
- Stewardship and Planting
- Education
- Trees and Green Infrastructure
- Communications
- Risk Assessment and Management
- Industry and Association
- Resources











Quality of Municipal Data and Summary of Data Types **Street Trees** Chicago's Urban Forest Middlefork Savanna Inventory Inventory Top species Top species Top species Honey locust Box elder 26% Shagbark hickory Elm hybrid Green ash 17% Black poplar Callery pear Honey locust 13% Additional data Additional data Average DBH (in) 7.1 ± 4.3 Average DBH (in) 9.6 ± 9.7 Average DBH (in) 8.4 ± 7.3 % Invasive % Invasive 10% West Side Lake Forest **Lake Forest** Leke Mishigan **Tree Census** Top species European buckthorn Green ash 20% **Douglas Park** Inventory Additional data Average DBH (in) Top species Honey locust 13% % Invasives Green ash 10% Hawthorn species 8% Shorewood Additional data **Park Trees** Average DBH (in) Top species American basswood % Invasive 0.5% Bur oak Additional data **UIC Inventory** Average DBH (in) Top species % Invasives Shorewood Honey locust **Street Trees** Crab apple Green ash Top species Additional data Green ash Average DBH Callery pear 12% (in)8.8 ± 5.6 White ash % Invasive Additional data Average DBH(in) 6.0 ± % Invasives Level of **Street Tree Political** Shorewood Available **Boundaries Inventories** Poor Data RTI has Access Municipalites Average No Data Exists/No Access Chicago Regions Good Very Poor Counties 20 30 40 Miles

## Work Group Forest Composition



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## Mapping



- Canopy Analysis
- Chicago Wilderness Green
   Infrastructure Vision
- Oak Recovery Mapping
- US Census Data
- Operational Capacity

## Stewardship and Planting



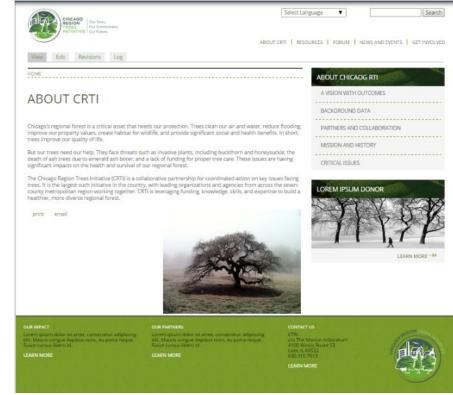
## Education





## Communications





# Risk Assessment and Management





## Industry and Associations



## Resources



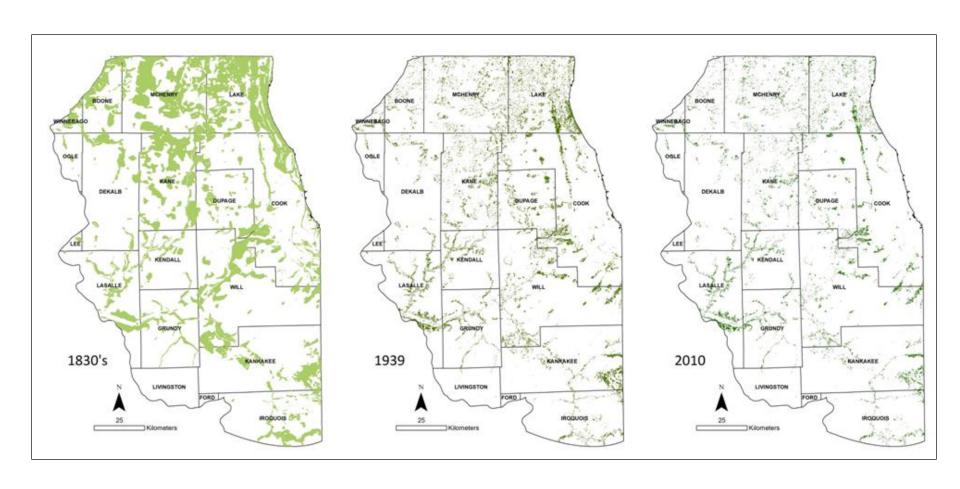


# Trees and Green Infrastructure



- Forest Management Plans
- Policy Ordinances
- Oak Ecosystem Recovery
  - Integration into Public and Private Management

### **OAK ECOSYSTEM RECOVERY PLAN**



#### OAK ECOSYSTEM RECOVERY PLAN

29% of remaining oak woodlands are publicly held 70% or remaining oak woodlands are privately held

- 1. Broad education and outreach
- Improve management strategies
- Public landowner engagement and assistance
- Private landowner engagement and assistance large and small scale
- 5. Expanded nursery production
- Local individual production
- 7. Funding

### OAK ECOSYSTEM RECOVERY PLAN

## **OAKTOBER**

October – Oak Awareness Month



### How can you get involved?



Share what you know.

Engage others.

Take the CRTI message to where you work, live and play.

Participate in a work group.

Tell us what you would like us to know, learn about and share.

### **Contact:**



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