ON TO 2050

Calumet Stormwater Collaborative

September 7, 2018

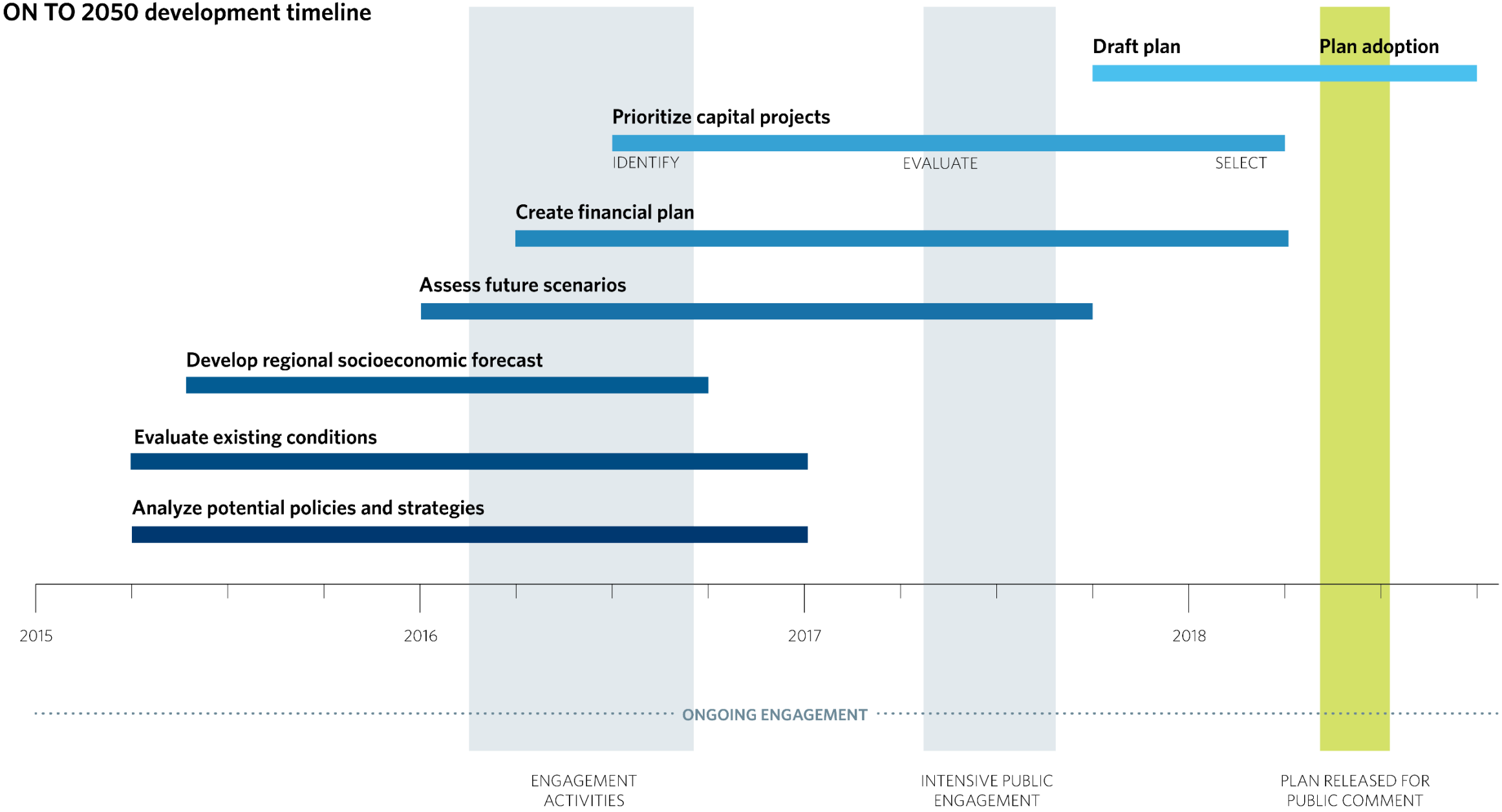
CMAP

Agenda

ON TO 2050 and flood-related recommendations

Local Technical Assistance (LTA) projects

ON TO 2050 development timeline



Grow the economy through opportunity for all

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Prioritized Investment

Target resources to maximize benefits

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Community
Prosperity
Environment
Governance
Mobility

CMAP

Environment

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Goal:

A region prepared for climate change

Recommendations:

- Plan for climate resilience
- Intensify climate mitigation efforts

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Goal:

Development practices that protect natural resources

Recommendations:

- **Improve natural resources through the redevelopment process**
- **Integrate land preservation into strategic growth efforts**

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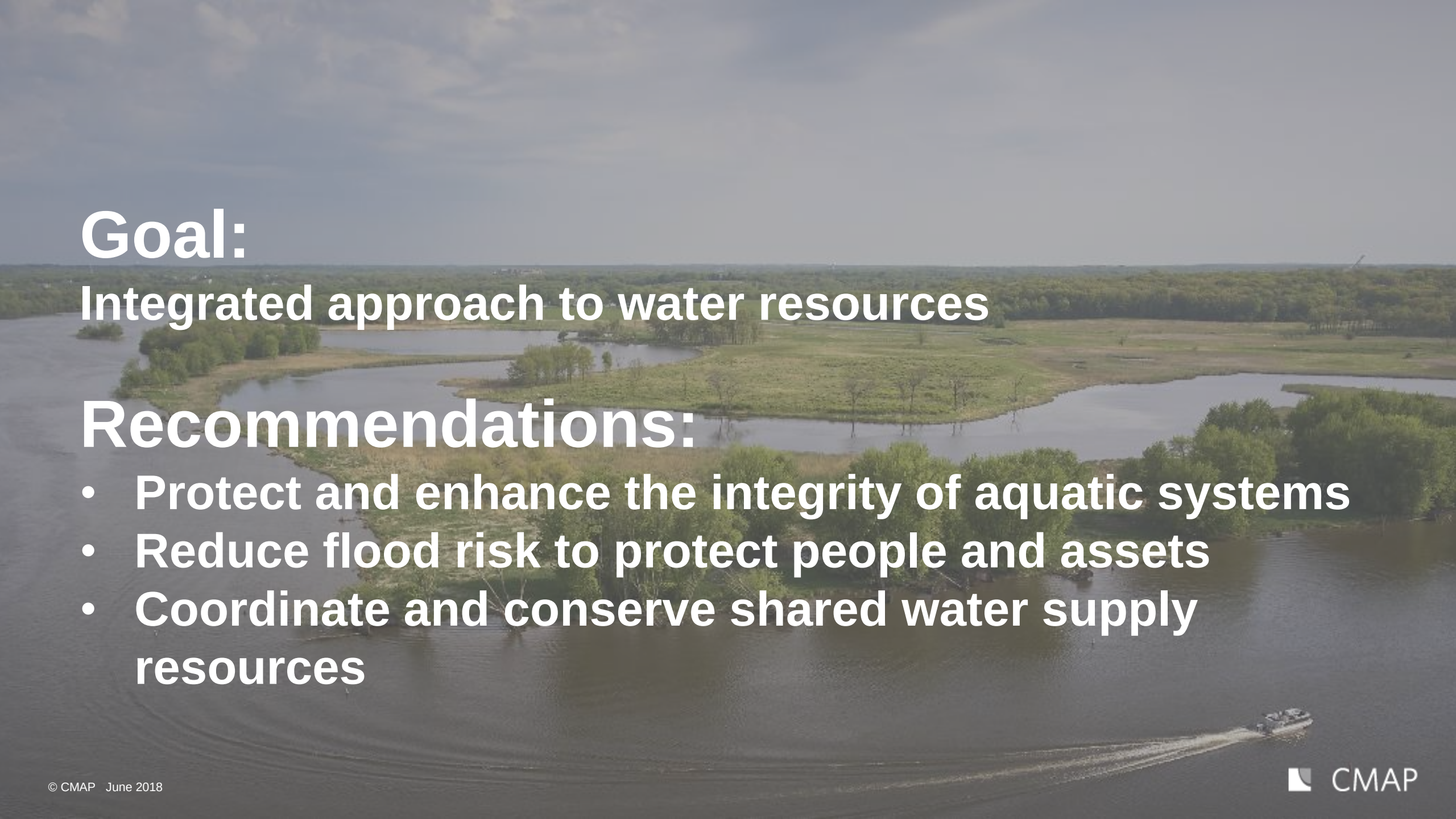

Goal:

Integrated approach to water resources

Recommendations:

- Protect and enhance the integrity of aquatic systems
- Reduce flood risk to protect people and assets
- Coordinate and conserve shared water supply resources

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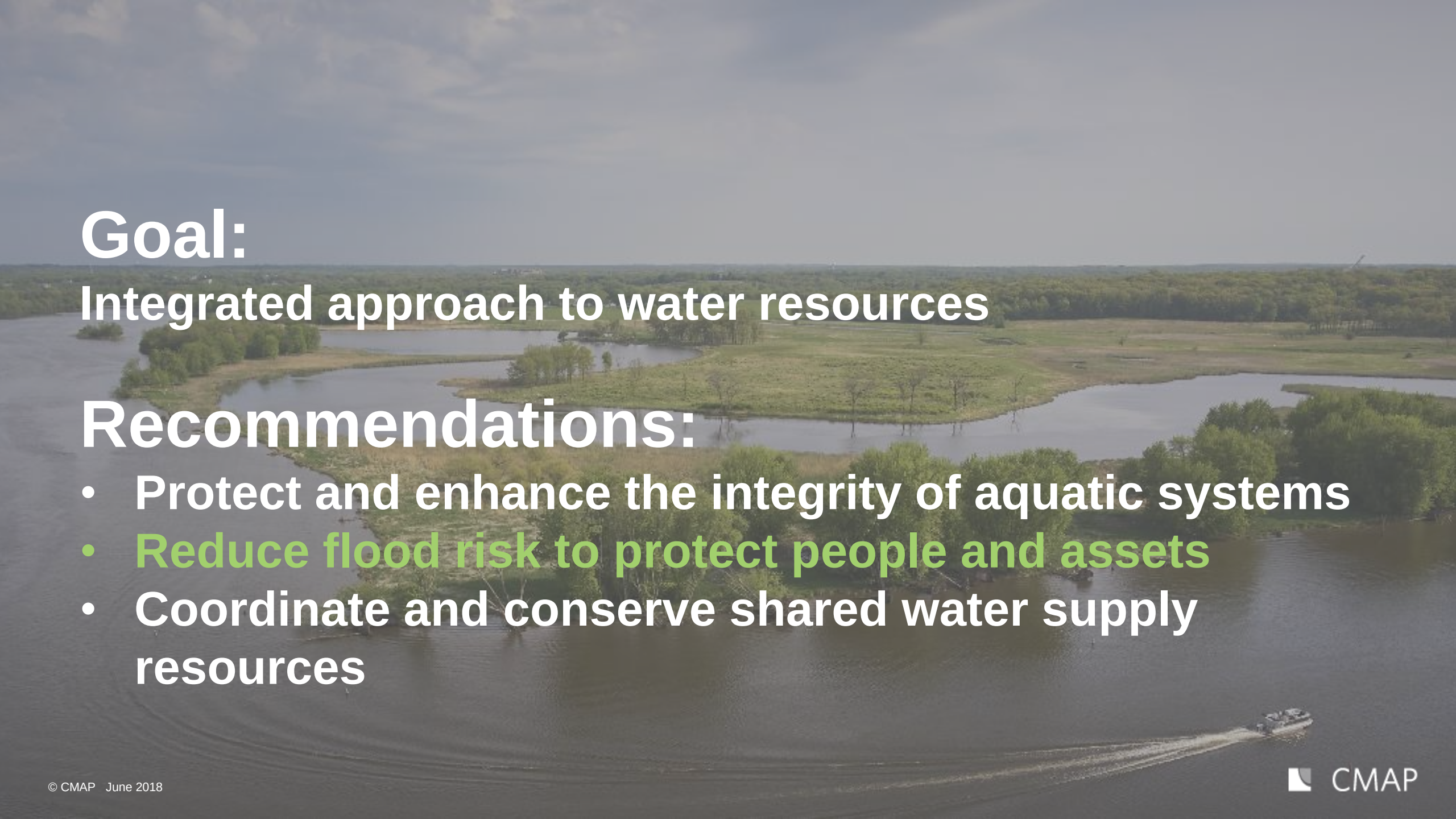

Goal:

Integrated approach to water resources

Recommendations:

- Protect and enhance the integrity of aquatic systems
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Strategies for reducing flood risk

Identify and communicate flooding risk

Improve planning and development techniques to reduce current and future risk

Maintain and invest in grey and green infrastructure

Address flooding vulnerability of critical transportation assets

Integrate stormwater management into transportation projects

Selected actions

Local governments should update plans and development standards to improve stormwater and floodplain management.

County stormwater agencies and municipalities should continue advancing watershed and sewer modeling efforts to identify and increase awareness of areas of riverine and urban flooding risk.

Local governments should collect flooding data and communicate risk and possible solutions to residents and businesses, with particular attention to residents who may be more vulnerable to the impacts of flooding.

Local governments should use the Regional Urban Flood Susceptibility Index, along with other mapping, planning, and modeling efforts to prioritize flood mitigation investments.

Related actions

CMAP and partners should explore the use of transfers, credits, and water quality and volume trading programs to achieve regional water resource goals.

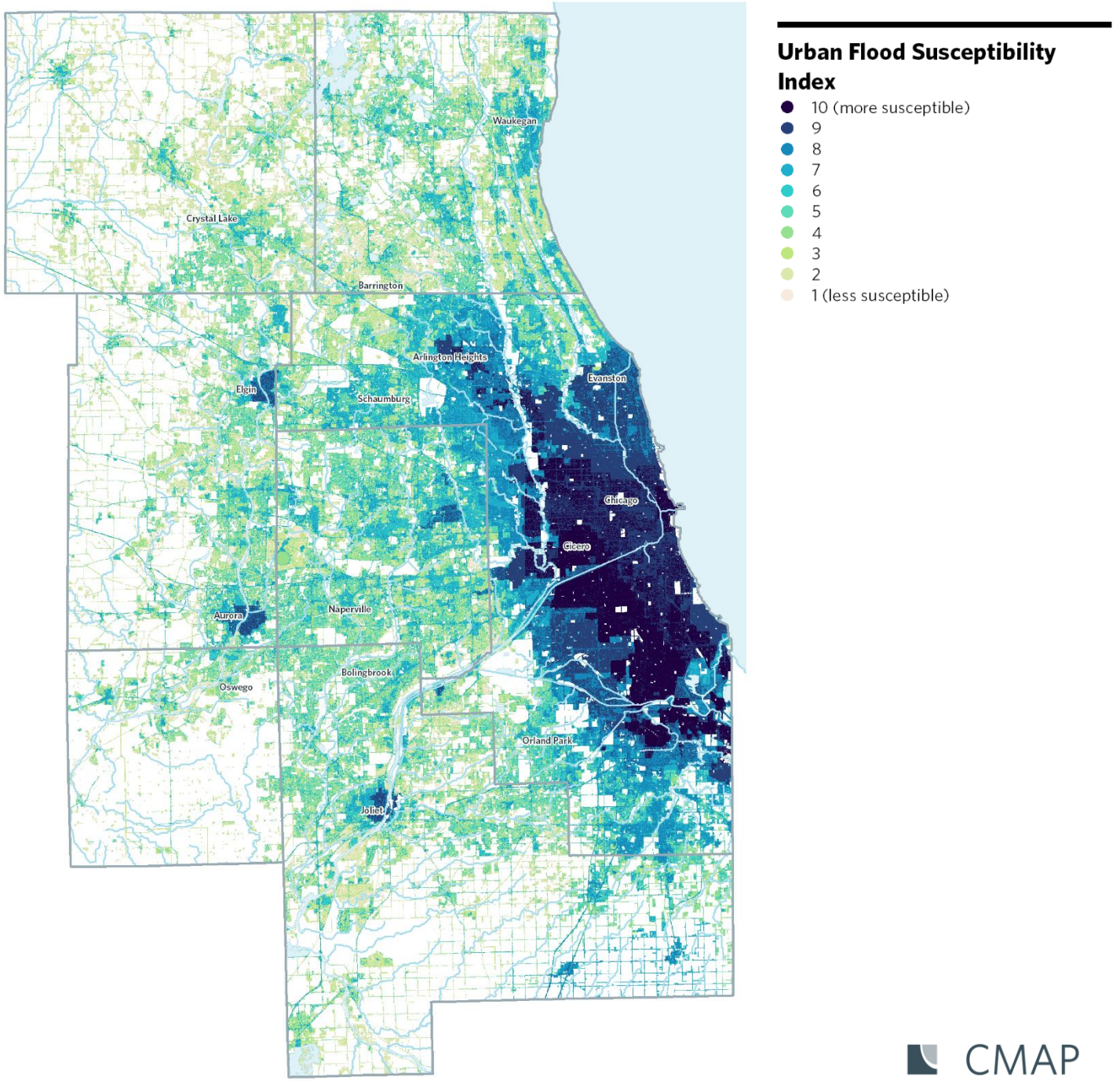
Local governments and other land managers should protect and expand open spaces to enhance natural stormwater management while achieving resource management goals.

CMAP and partners should continue to provide technical assistance and provide supplemental planning staff to lower capacity communities.

Urban Flood Susceptibility Index

Based on the relationship between reported flood locations and the following factors:

- Topographic Wetness Index
- Combined Sewer Service Area
- Elevation differential between property and nearest FEMA BFE
- Impervious Cover
- Age of First Development
- Precipitation variation with 10-yr, 2-hr storm from NOAA Atlas 14



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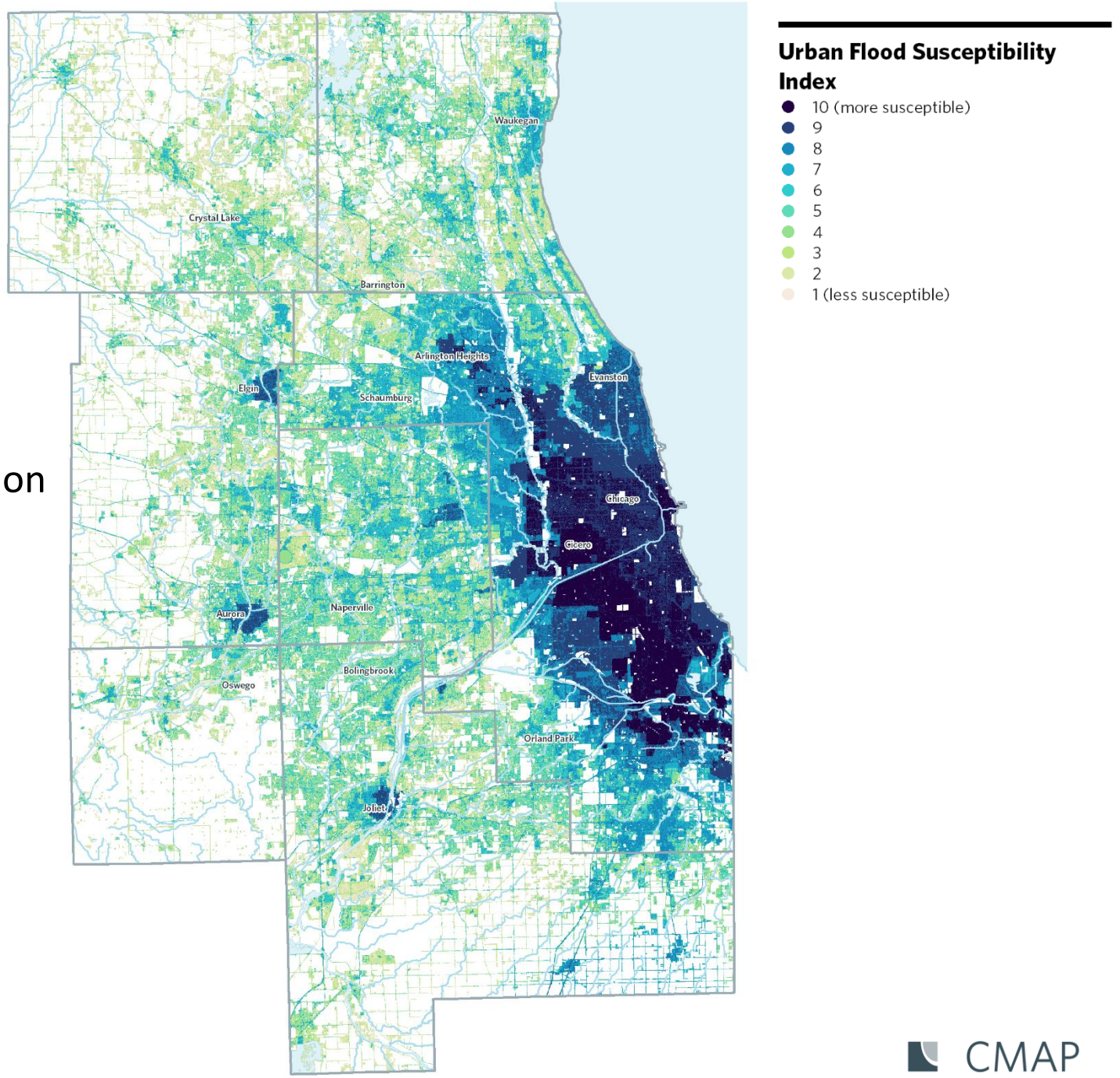
Urban Flood Susceptibility Index

Potential applications

- Help CMAP focus Local Technical Assistance Projects.
- Inform open space preservation and restoration decisions
- Inform vulnerability assessments

Limitations

- No sewer information or any modeling
- No capital improvements



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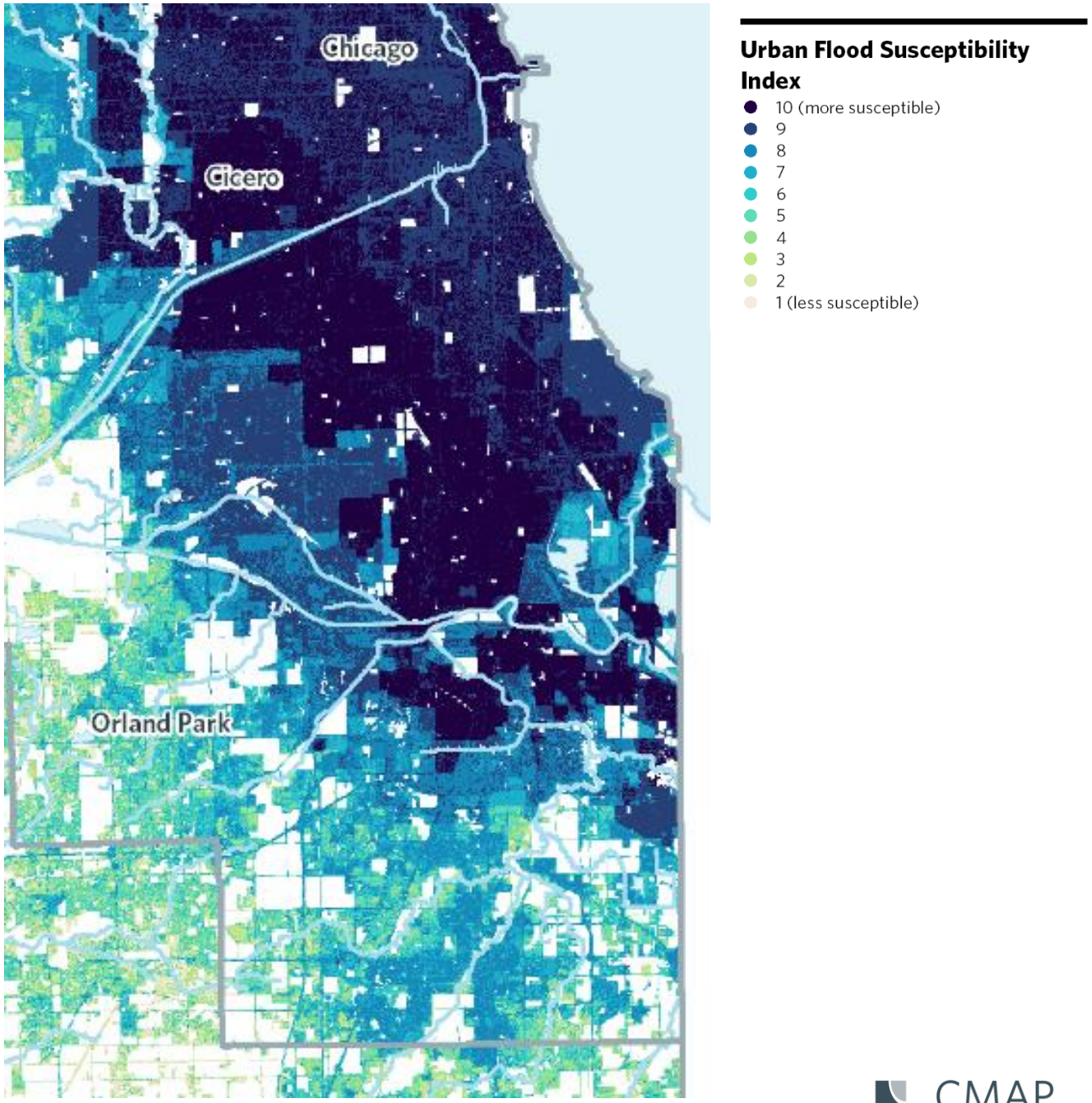
Urban Flood Susceptibility Index

CSC WORKPLAN
Activity #2:
Establish baseline of non-overbank flooding

Document extent of current urban flooding events to focus future activities.



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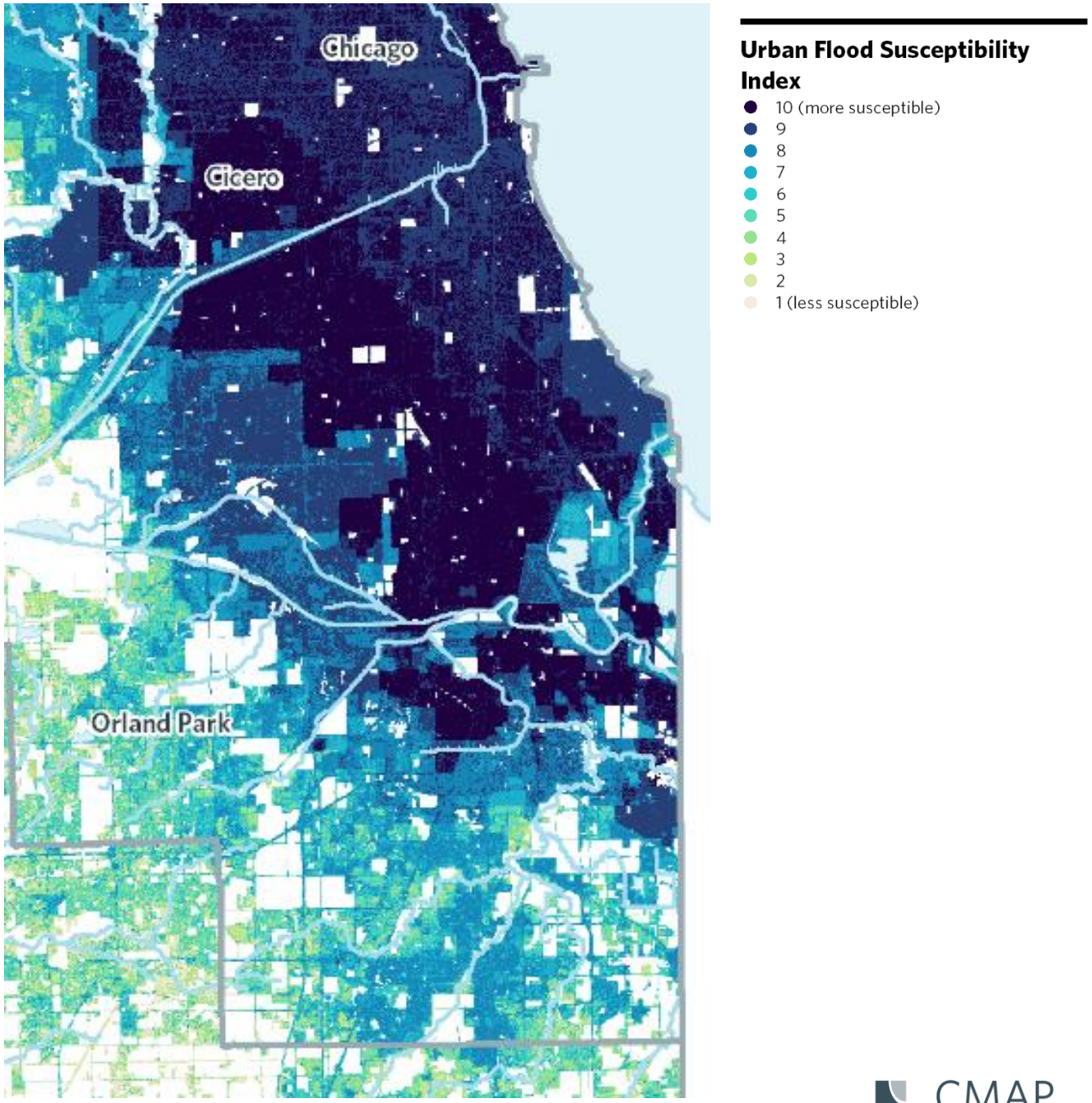
Urban Flood Susceptibility Index

CSC WORKPLAN
Activity #2:
Establish baseline of non-overbank flooding

- What size storms do we want the baseline to reflect?
- Do we want to use the baseline to monitor progress over time?



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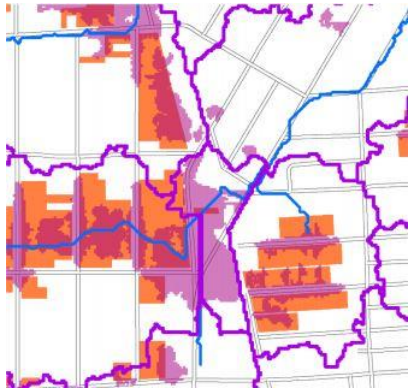
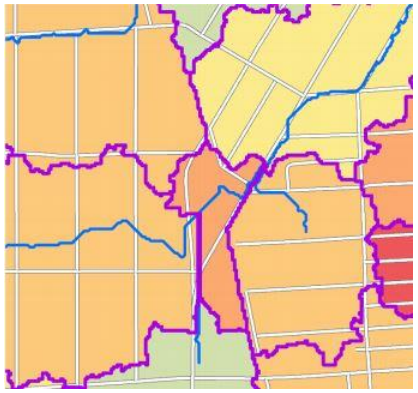
Urban Flood Susceptibility Index





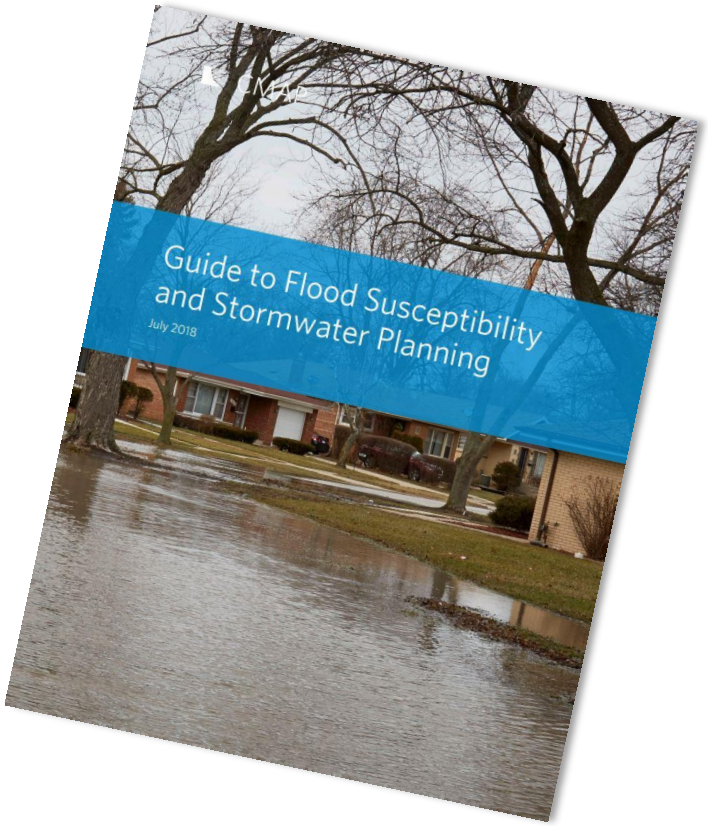
Guide

- Outlines how to interpret the FSI and its limitations.

- Describes steps to integrate stormwater issues into local planning processes.

Data and methodology

datahub.cmap.illinois.gov



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Current LTA projects in the Calumet

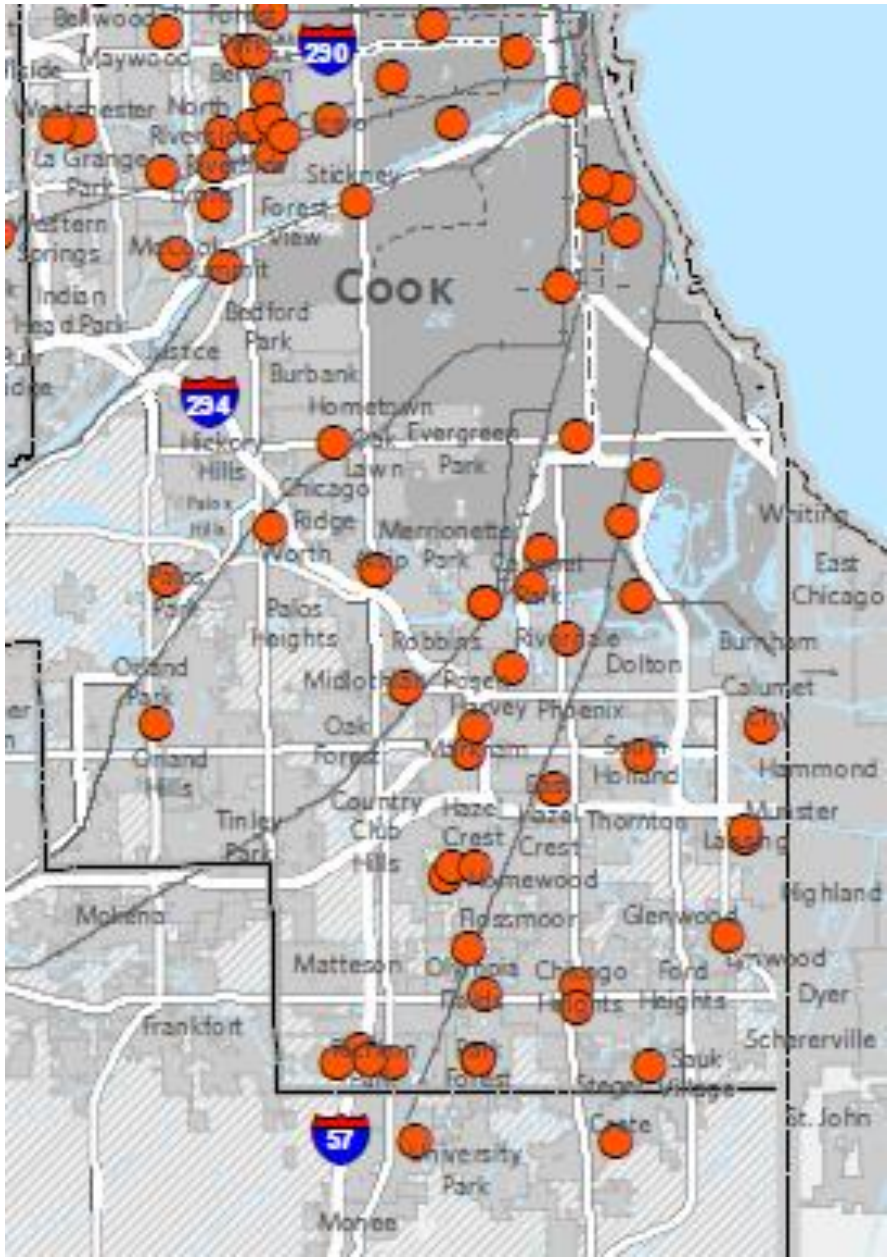
Projects with stormwater planning components:

- Calumet Park Comprehensive Plan
- Midlothian Stormwater Management Capital Plan
- Sauk Village Comprehensive Plan
- Richton Park Stormwater Management Concept

Other LTA projects:

- SSMMA Pilot “Circuit Rider” Program
- Robbins Stormwater, TOD, and Industrial Areas Plan
- Illinois International Port District Planning Priorities Report
- McKinley Park Neighborhood Plan
- Thornton Planning Priorities Report

LTA projects in the Calumet



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LTA Call for Projects

September 6	**Call for projects released**
September 11	Information session
September 28	If transit-related project, contact made to transit agency for letter of support
October 26	Applications due before Noon CST
November - December	CMAP / RTA staff evaluate applications and may contact applicants with additional questions on their application
January 2019	Preliminary project selection recommendations released
February – March 2019	RTA conducts a public comment period on the recommended projects CMAP Board is presented with the selected program of projects for consideration RTA Board is notified of recommended Community Planning projects; successful applicants notified

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LTA Call for Projects

www.cmap.illinois.gov/programs/lta/call-for-projects

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Celebrate in Millennium Park

October 10

RSVP
www.cmap.illinois.gov

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Questions?

www.cmap.illinois.gov/onto2050

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