



Planning Partner Adoption

**2019 Cook County
Multi-Jurisdictional Hazard Mitigation Plan
Update
October 2019**



Agenda

- 1. The What and Why of Mitigation**
- 2. Mitigation Pays**
- 3. 2014 Hazard Mitigation Plan**
- 4. Grant Success Stories**
- 5. 2019 HMP Update**
- 6. What Needs to Be Done**



What is Mitigation and Why Do It?

Definition: Any sustained action taken to reduce or eliminate long-term risk to life and property from a hazard event.

WHY?

- Protect human life, and prevent damage or loss of property
- Promote inter-agency coordination and response
- Increase public awareness about hazards
- Increase preparedness within the community
- **Be eligible for grant funds**





Mitigation Pays!

National Institute of Building Sciences

(2017 Interim Report):

- Federal mitigation grants save \$6 per \$1 spent
- These funds are only available if our jurisdiction is part of a FEMA-approved mitigation plan that has been formally adopted by our jurisdiction



“No Plan, No Money”



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2014 Hazard Mitigation Plan

**COOK COUNTY
MULTI-JURISDICTIONAL
HAZARD MITIGATION PLAN**

VOLUME 1—PLANNING-AREA-WIDE ELEMENTS

FINAL
SEPTEMBER 10, 2014

Prepared for:



Cook County
Department of Homeland Security and Emergency Management
69 W. Washington St., Suite 2600
Chicago, Illinois 60602

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Revised November 6, 2014

Prepared by:



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- First-ever Multi-Jurisdictional Hazard Mitigation Plan in Cook County in 2014
- Largest Hazard Mitigation Plan in the U.S
- Approved by FEMA in 2014
- Adopted by all 117 participating jurisdictions
- **Expired: 2019 HMP Update needs to be adopted by local jurisdictions**



Grant Success Stories I:

North Region: 11,200 Feet of New Storm Sewer

- Construction of two water retention basins

North Region: GIS Tree Inventory System

- Inputs data on every tree owned by the village
- Includes the age, photo, species, height, condition and location
- Documented date allows the village to identify those trees in need of removal or trimming

Central Region: Green Alley Pavement System

- 10,600 square yards of impermeable pavement
- Capable of detaining 254,000 gallons of storm-water





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Grant Success Stories II:

South Region: Village Successful in Obtaining Flood Property

Acquisition Grants From:

- Metropolitan Water Reclamation District of Greater Chicago
- Cook County Bureau of Economic Development

Six Central Region Municipalities Combined with MWRD –

The Addison Creek Reservoir Project, a 600-Acre Foot Reservoir:

- Reduces flooding for approximately 2,200 structures
- Removes about 1,700 structures from the floodplain
- Provides \$116 million in flood benefits
- Adds more than 195 million gallons of reservoir storage





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What Have We Been Doing for the 2019 Update?

- Working with the Cook County Department of Homeland Security and Emergency Management
- Documenting hazard incidents from 2014-2019 into the plan
- Updating our jurisdiction profile with demographic and contact information
- Creating New Mitigation Actions for our community





Examples of New Mitigation Actions:



- Re-line existing sewer lines to allow for reduction in localized flooding
- Upgrade emergency power capabilities and critical facilities
- Create and launch a public information campaign via social media and create community events on mitigation



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The 2019 Cook County Multi-Jurisdictional Hazard Mitigation Plan Update:

- The plan update has been approved by IEMA and FEMA
- 121 total jurisdictions (including us) are participating in the 2019 Update
- A total of 367 new mitigation projects in the 2019 Update were identified by Cook County and participating jurisdictions

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HAZARD MITIGATION PLAN
VOLUME 1 – PLANNING-AREA-WIDE ELEMENTS**

FINAL
July 2019

Prepared for:



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Now What?

The Adoption Process

- IEMA and FEMA Approval Pending Adoption: September 23, 2019
- Cook County Plan Adoption and FEMA Approval: September 26, 2019
- Our Jurisdiction needs to adopt both of the following volumes of the plan:
 - **Volume 1:** The base plan
 - **Volume 2:** Both our jurisdiction's Annex and the Cook County Countywide Mitigation Actions
- After we adopt the 2019 Plan, we will have opportunities to pursue grant funding



What Needs to Be Done

- **Adopt the plan as soon as possible**
- **Send a copy of the approved resolution to DHSEM**
- Make sure to complete the Annual Report yearly through 2024
- Continue our partnership with Cook County by participating in the Hazard Mitigation *Program*
- Participate again in 2024
- **WE ARE NOT OFFICIALLY A PART OF THE PLAN UNTIL WE ADOPT IT!**





Thank You!