

Capstone Session I

- Please add to the chat your name, municipality, and role within your municipality
- Please also add to the chat the name of one or two community institutions in that you want to work with on your Capstone (e.g. school, block club, Greek letter organization, sports team, etc.)

The Civic Innovation Hub

Facilitated by

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August 23rd, 2023

Zoom Basics

- Use the chat feature to ask questions or make comments during presentations
- Change your name
- Mute and unmute

Commitments

Basic commitments:

- As facilitators, we will
 - Respectfully listen to you
 - Move at a deliberate pace
 - Ask you to place questions in the chat “parking lot”
 - Keep jargon to a minimum
- We expect everyone to
 - Step up, step back
 - Actively listen
 - Mutual Respect
 - Respectfully disagree

Agenda

- Overview
- Discussion about limitations of municipalities + Biden disaster declaration
- Presentation: maps, stakeholders, capstones
- Breakout 1:
 - Identify asset and strategies for capstones
- Shareback
- Breakout 2:
 - Identify and plan for potential capstone challenges
- Planning for Field Trip
- Wrap-up

Vision

The Calumet Region is a region in which **infrastructure solutions** are planned and built with **resident and community leadership**.

What? Green Infrastructure and other Solutions

Green infrastructure refers to natural systems including forests, floodplains, wetlands and soils that provide additional benefits for human well-being, such as flood protection and climate regulation.

Gray infrastructure refers to structures such as sewers, pipes, roads, water treatment plants, dams, seawalls, or roads.

The time is now!

- As we saw last month in our discussion about recent flooding, municipalities are somewhat limited in what they can do, but there are opportunities to secure funding from the Infrastructure Investment and Jobs Act, EJ grants, FEMA, etc.
- We aim to have your community well poised to get money and use it for best impact

Illinois Disaster Declaration

**How Federal Assistance
Reaches your Community
After a Disaster**



Illinois Disaster Declaration

What does this mean for our communities?

- **How a disaster gets declared:**

- [fema.gov/disaster/how-declared](https://www.fema.gov/disaster/how-declared)
- <https://youtu.be/RPU2uGgdg5A>

- **What do expect after registering with FEMA:**

<https://www.fema.gov/fact-sheet/what-expect-after-registering-fema-cook-county-illinois-flood>

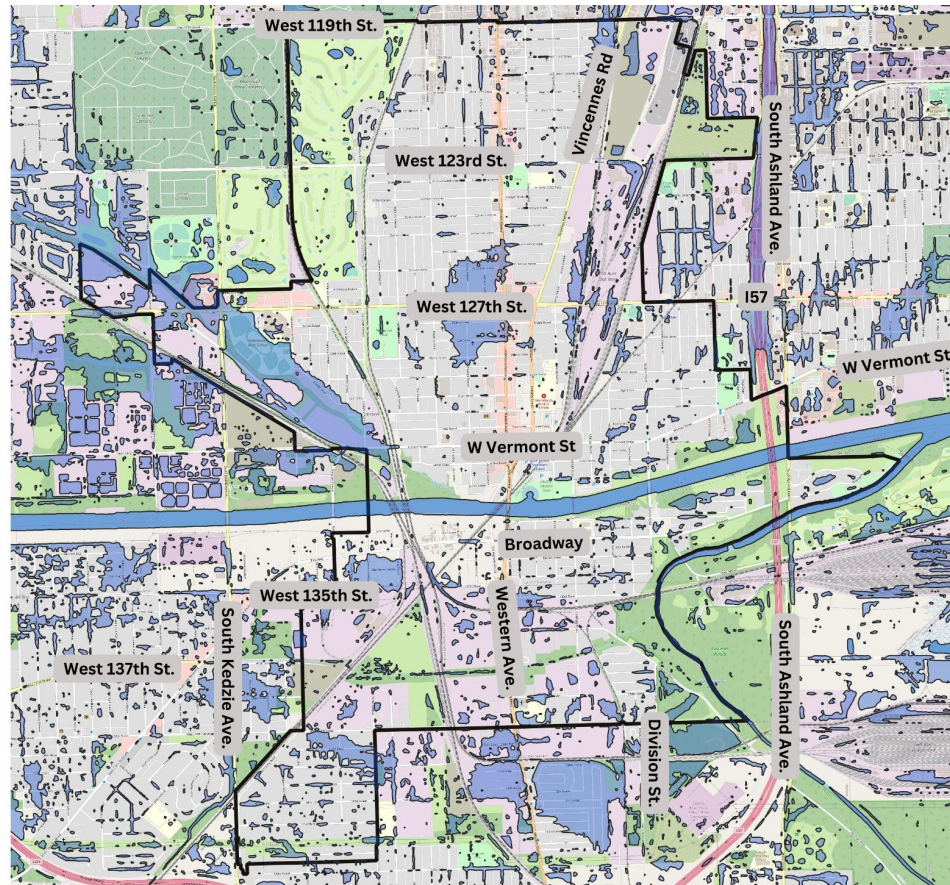
- **FEMA Teams going door-to-door:**

<https://www.fema.gov/press-release/20230818/fema-teams-working-cook-county-neighborhoods>

- **Disaster Fraud:**

<https://www.fema.gov/press-release/20230817/cook-county-disaster-survivors-beware-disaster-fraud>

Review of Topographic Wetness



Review of Topographic Wetness

- **What is topographic wetness?**
 - We live in a flat landscape
 - Stormwater moves slowly when it doesn't have hills to run down
 - Stormwater collects and pools
 - **The Topographic Wetness Index** helps us understand where water *may* collect and pool based on a community's elevation changes

Review of Topographic Wetness

- **Why does it show a flood zone in my neighborhood when I don't experience flooding?**
 - This map assumes that the sewer system is at capacity (e.g., large storms) and then looks at where water would collect and pool in that scenario.
 - It can be used to predict high-risk flood areas during large storms or when sewers are not draining properly

Where is there power?

Stakeholders that can help

- **Community Resources, Community Organizing**
- **Local Governments**
 - Municipality
 - Park District
 - School District
- **Regional Resources and Agencies**
 - Metropolitan Water Reclamation District (MWRD)
 - Cook County
- **State Resources and Agencies**
 - Illinois EPA
 - State Revolving Loan Fund
- **Federal Resources and Agencies**

Capstone Projects

- **Purpose of capstones**
 - Residents ID solutions
 - Muni staff/ other stakeholders follow resident leadership
- **Range of possibilities**
 - Education/ Social Media campaign
 - Mutual Aid Networks
 - Community space that manages stormwater/
Demonstration project
 - Infrastructure project
- **Aim for multiple community benefits**
- **Overview of capstone steps**
 - Dedicated capstone sessions
 - Field Trips
 - Build from community power, connect with experts,
respond to data

Reflection

First Field Trip!

- **September 16th, 10:00am-noon**
- **Alsip Boat Launch**

AGENDA:

- **EAT!**
- **Tour Alsip Green Infrastructure Installation**
 - **Municipal/ Resident interactions**
 - **Green Infrastructure Maintenance**
 - **Public Private Partnerships**
 - **Inter and Intra Governmental Agreements**
- **Capstone activity - looking at community assets maps**