



FEMA

# Risk MAP: Forest County Floodplain Update

FEMA Region V

Countywide Map Update Kick-Off Meeting  
April 13, 2023

**RiskMAP**  
Increasing Resilience Together



# Meeting Agenda

- **Introductions**
- **Risk MAP Overview / NFIP**
- **Countywide Map Update Project Scope**
- **Desired Input from Communities**
- **Engineering Methods / Mitigation**
- **Individual questions/discussion**
- **Close**

# Introductions

- **Zoom reminder**
- **Risk MAP Project Team, Wisconsin Department of Natural Resources (WDNR)**
  - Emily Szajna - Project Lead
  - Brian Cunningham - NFIP Coordinator
  - Chad Heimerl - Floodplain Engineer
  - Chris Olds - Floodplain Engineer
  - Forest Van Asten – Regional Engineer
  - Ben Sanborn – Floodplain GIS Specialist
- **Wisconsin Emergency Management (WEM)**
  - Heather Thole– State Hazard Mitigation Officer

# Introductions

- **Federal Emergency Management Agency (FEMA)**

- Munib Ahmad – Region V Engineer
- Ken Hinterlong – Region V Engineer
- Frank Shockey – Region V Senior NFIP Specialist
- Cadence Peterson – Region V Planner

# The Vision for Risk MAP

FEMA's Risk Mapping, Assessment, and Planning (Risk MAP) program involves collaboration with State, Local, and Tribal entities to deliver quality data that increases public awareness and leads to action that reduces risk to life and property



# National Flood Insurance Program (NFIP)

- **A voluntary program based on a mutual agreement between the Federal government and the local community:**
  - In exchange for adopting and enforcing floodplain management ordinances, Federally-backed flood insurance is made available to community property owners and disaster assistance.
  
- **NFIP Goals:**
  - Reduce the loss of life and property caused by flooding
  - Reduce rising disaster relief costs caused by flooding
  - Maintain the natural and beneficial functions of the floodplains
  - Minimize business interruptions and other economic disruptions

# Flood Insurance



- All buildings can experience flooding
- Homeowner policies do not cover flooding
- Floods are caused by many sources

[Floodplains | Wisconsin DNR](#)

# National Flood Insurance Program (NFIP)- Participating/Non-Participating Communities

**What kind of assistance or support would you benefit from related to the NFIP?**

CID	Community Name	Init FHBM	Init FIRM	Current Effective Map Date	Reg-Emer Date
550143	City of Crandon	06/07/1974	01/02/1987	12/16/2011	01/02/1987
550603	Forest County	05/08/1981	12/16/2011	12/16/2011	06/24/2014
550661*	Forest County Potawatomi Community		12/16/2011	12/16/2011	
550593*	Sokaogon Chippewa Community		12/16/2011	12/16/2011	

\* Not in the NFIP

# National Flood Insurance Program (NFIP)- Participating/Non-Participating Communities

**What kind of assistance or support would you benefit from related to the NFIP?**

CID	Community	Policies in Force	Insurance In Force	Total Paid Losses	Total Paid Amount
550143	City of Crandon	1	\$52,000	1	\$8,211
550603	Forest County	7	\$738,000	2	\$25,048
550661*	Forest County Potawatomi Community	0	\$0	0	\$0
550593*	Sokaogon Chippewa Community	0	\$0	0	\$0

\*Not in the NFIP

# Countywide Map Update Timeline

## Forest County

- **April 13, 2023: Kick-off Meeting**
- **2025: Flood Risk Review Meeting**
  - Hydraulic Modeling Completed, draft data made available to community officials
- **Future efforts (yet to be funded) would include preliminary and final countywide FIRMS**

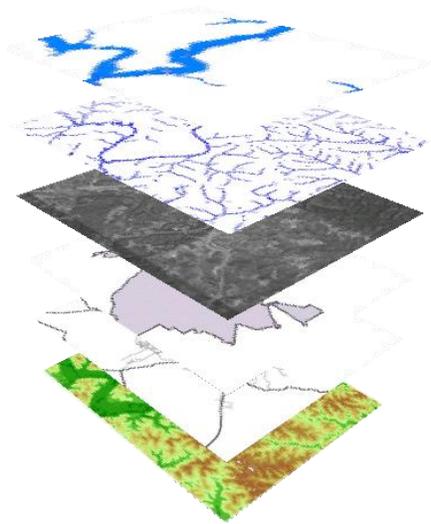
# Countywide Map Update: Forest County

- **Areas on the existing Flood Insurance Rate Maps (FIRMs) will be updated. Goals are to:**
  - Incorporate updated topographic (redelineation of detailed studies) and hydrologic data
  - Keep same level of detail: areas studied using approximate methods (A zones) will remain A zones
    - Base Flood Elevations (BFE's), or the elevation to which floodwaters are anticipated to rise during a 1% annual chance flood, will not be published if not currently shown.
  - Share updated work map products digitally with communities



# What data are we looking for from you?

- Data listed below:



Transportation Layers

High Water Marks

Political Boundaries

Essential Facility Data

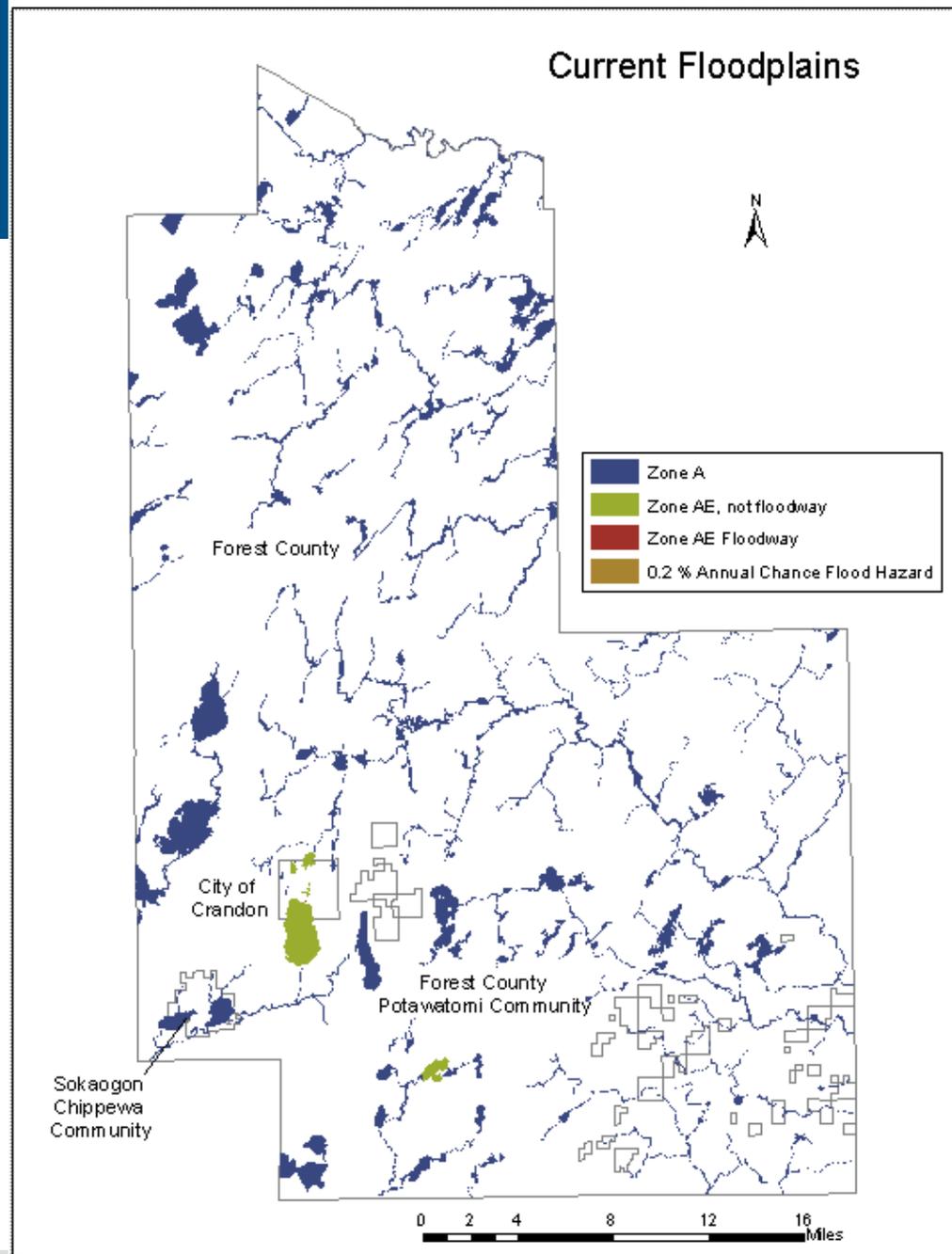
Areas of Mitigation  
Interest

LiDAR - 2017

# Current Floodplains

[FEMA's National Flood Hazard Layer \(NFHL\) Viewer](#)

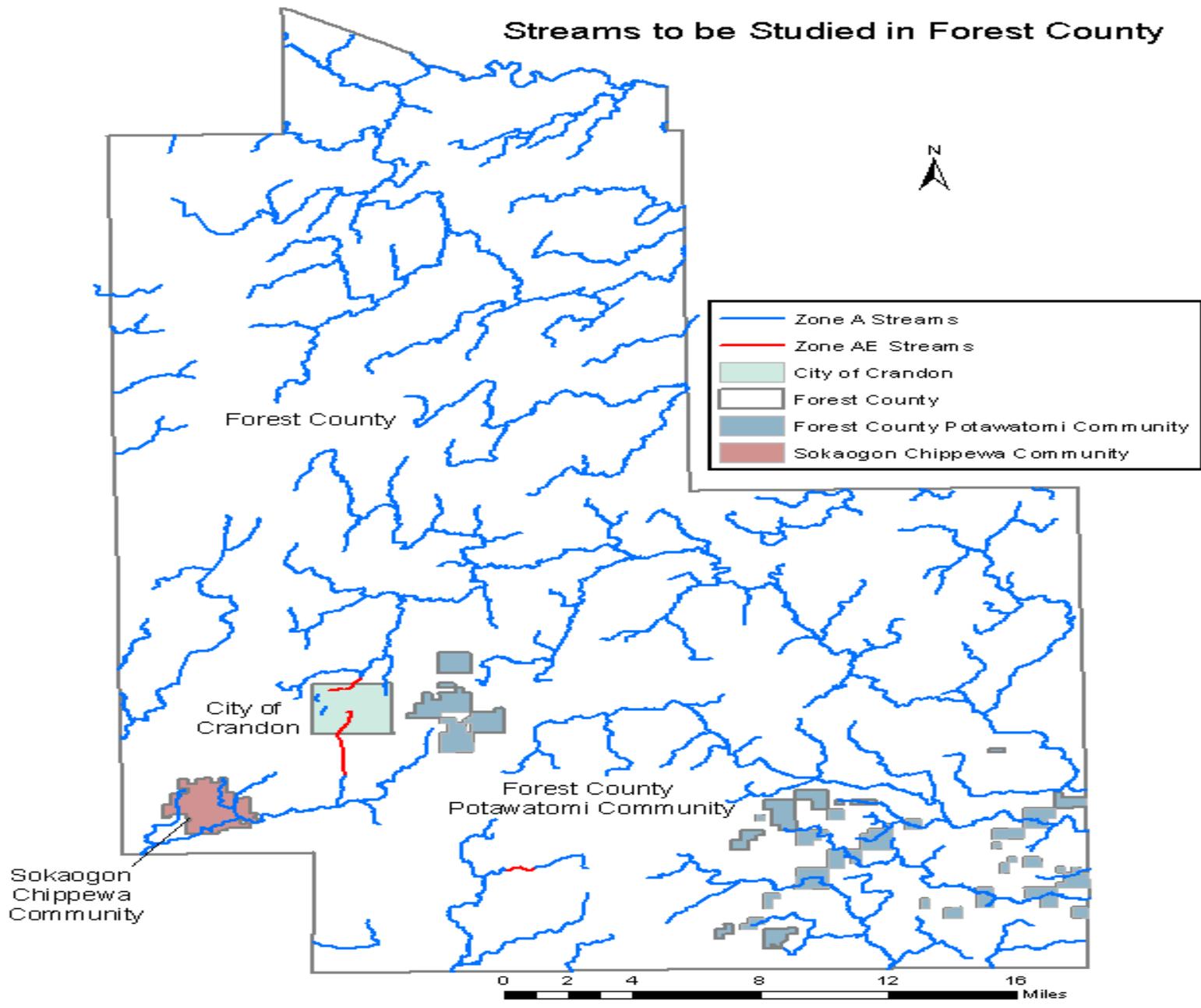
[FEMA Flood Map Service Center](#)



# Studied Streams for this Project

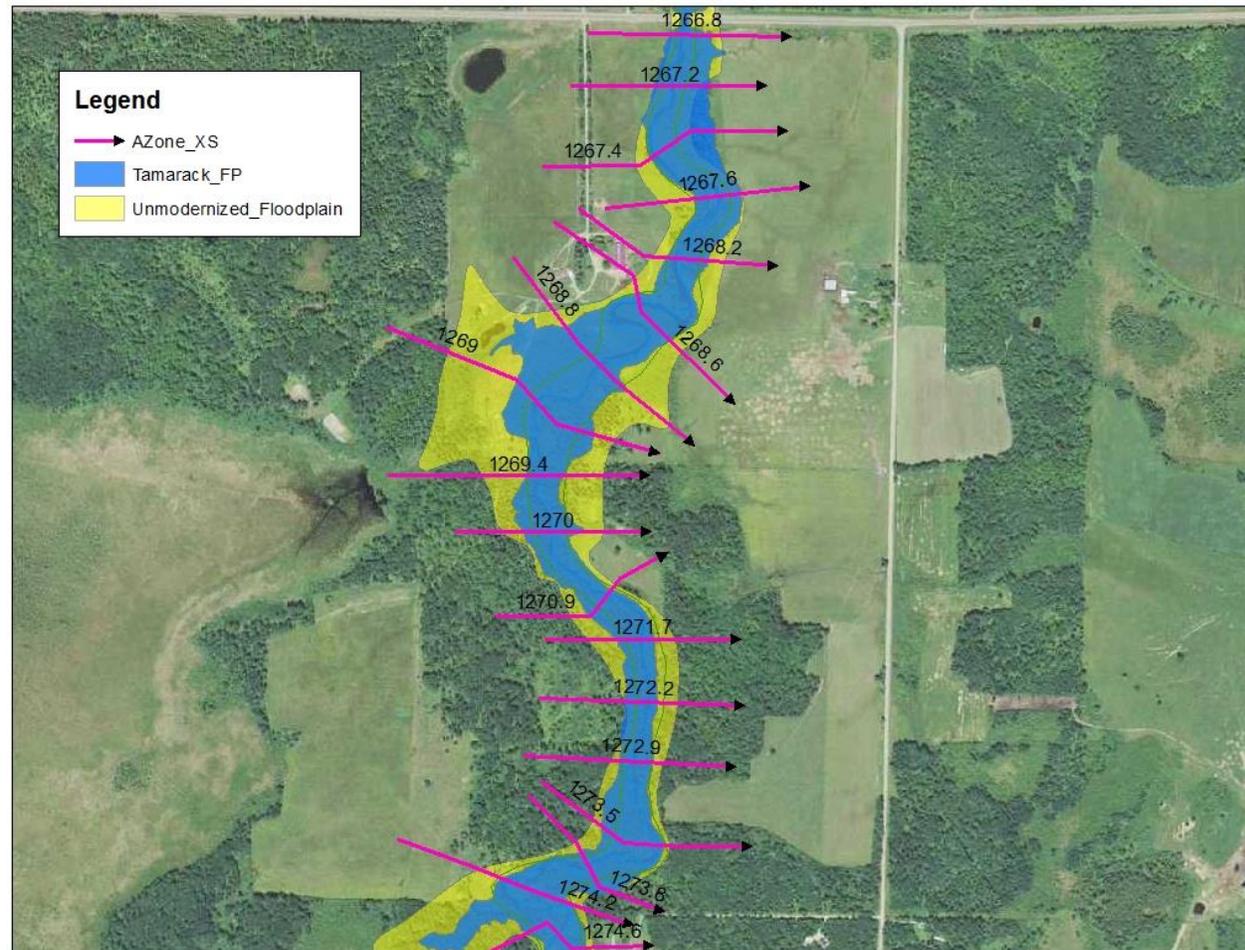
- **Updated approximate (Zone A) streams : 673.2 miles**
  - Listed in the enclosure you received with the meeting invite letter
  
- **Re-delineated detailed (Zone AE) streams: 5.8 miles**
  - Clear Lake
  - Clear Lake Outlet
  - Peshtigo Lake
  - Metonga Lake
  - Surprise Lake
  - Surprise Lake Outlet

# Streams to be Studied in Forest County





# Updated Digital Zone A Mapping With Estimated Base Flood Elevations



# Work map example



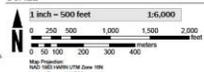
### FLOOD HAZARD INFORMATION

- SPECIAL FLOOD HAZARD AREAS**
  - Vertical Flood Hazard (SFH) Zone A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z
  - Regulatory Floodway
  - 0.2% Annual Chance Flood Hazard, Areas of 1% Annual Chance Flood Hazard with average depth less than one foot or with drainage areas of less than one square mile (Zone 1)
  - Flood Hazard (Zone 2)
  - Area with Reduced Flood Risk due to Lower Topography (Zone 3)
  - Area with Flood Risk due to Lower Topography (Zone 4)
- OTHER AREAS OF FLOOD HAZARD**
  - Area of Unincorporated Flood Hazard (Zone 5)
  - Area of Unincorporated Flood Hazard (Zone 6)
- OTHER AREAS**
  - Channel, Culvert, or Storm Sewer
  - Levee, Dike, or Floodwall
  - Coastal Structure with 1% Annual Chance
  - Water Surface Elevation
  - Flooded Terrain
  - Special Flood Hazard
  - Public Structure
  - Hydrographic Feature
  - Base Flood Elevation Line (BFE)
  - Limit of Study
  - Jurisdiction Boundary

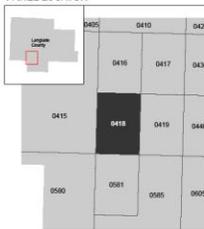
### NOTES TO USERS

For information and questions about the Draft Flood Hazard Map (SFH), please contact the Langlade County Planning and Zoning Department at 30076 or 30078. The map is for informational purposes only and does not constitute a contract. The map is subject to change without notice. The map is not to be used for any purpose other than that intended. The map is not to be used for any purpose other than that intended. The map is not to be used for any purpose other than that intended.

### SCALE



### PANEL LOCATOR



**NATIONAL FLOOD INSURANCE PROGRAM**  
**DRAFT FLOOD INSURANCE RATE MAP**  
**LANGLADE COUNTY**  
**WISCONSIN**  
**AND INCORPORATED AREAS**

PROJECT CONTACT:  
 COMMUNITY: LANGLADE COUNTY  
 CITY OF AGENCY: LANGLADE COUNTY  
 UNINCORPORATED AREAS: UNINCORPORATED AREAS

MAP NUMBER: 569670540E  
 EFFECTIVE DATE: 03/27/2023  
 Draft Panel Created: 03/27/2023

# Hazard Mitigation Planning Status

- Forest County's current All Hazards Mitigation Plan: 2021
- Mole Lake All Hazards Mitigation Plan: 2023 update in progress; 2016 Plan
- Benefits of mitigation planning
- **Do you desire support with planning in the future?**
  - FEMA, DNR and WEM can help
  - [Hazard Mitigation Assistance Grants | FEMA.gov](#)

# Impacts of Digital Data

- **Mapping may be incorporated in future HMP planning**
- **More accurate mapping may help in emergency planning**
- **Mitigation actions more easily identified**
- **Flood insurance determinations are easier**
- **Floodplain permitting may be easier**

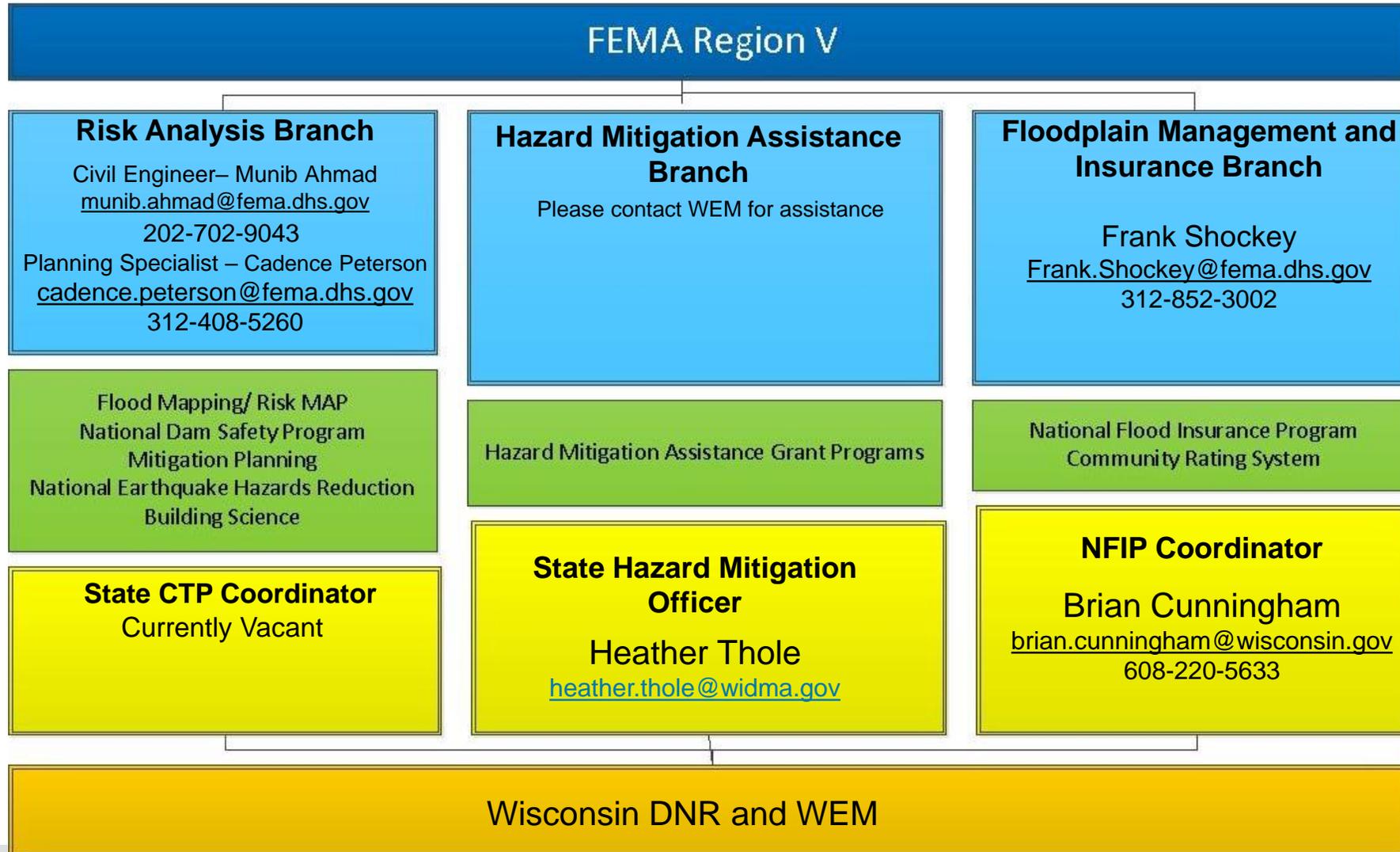
# Community Engagement Possibilities

- **Mitigation Funding 101 (WEM)**
- **Safe Room Workshop (WEM)**
- **Floodplain regulation workshop (DNR)**
- **Flood insurance workshop (DNR)**
- **CRS workshop (DNR)**

# Disaster Assistance

- **Presidential Disaster Declarations resulting in Individual Assistance and/or Public Assistance being made available:**
  - No recent Disaster Declarations since 2019

# FEMA and State Contacts



# Discussion & Questions

- **Engineering Methods 30-day comment period**
- **Questions**