

WASHINGTON COUNTY, ILLINOIS



# HAZARD MITIGATION PLAN



**PUBLIC MEETING  
DECEMBER 8, 2022**



# AGENDA

6:30 pm | December 8th 2022



- ~~○ Overall process and timeline~~
- Mitigation Goals
- Current progress - Report
- Top 3 predominant Hazards (Washington County- overall)
- Top Hazards per community
- Moving forward- Draft timeline for next steps
- Grant information
- Discussion and questions



## MITIGATION GOALS

- **Goal 1:** Reduce risk of injury or death from natural hazards.
- **Goal 2:** Reduce risk of property damage from natural hazards.
- **Goal 3:** Educate public on disaster preparedness.
- **Goal 4:** Maintain or increase coordination and response to natural hazards across jurisdictions.





# COMMUNITY PARTICIPATION GUIDELINES

1. Attend a minimum of 1 meeting
2. Submit a list of community documents
3. Confirm hazards that affect the community
4. Confirm the list of Critical facilities
5. Develop goals for the community
6. Develop and prioritize mitigation actions
7. Host opportunities for public involvement
8. Review and comment on Draft plan

Jurisdiction	Attend 1 meeting	Risk Assessment	Mitigation Projects
Washington County	Y	Y	Y
Addieville	Y	Y	Y
Ashley	Y	Y	Y
Du Bois	Y	Y	Y
Hoyleton	Y	Y	Y
Irvington	Y	Y	Y
Nashville	Y	Y	Y
New Minden	Y	Y	Y
Oakdale	Y	Y	Y
Okawville	N	Y	Y
Radom	Y	Y	Y
Richview	Y	Y	Y
Venedy	N	N	N
Wamac	Y	Y	Y





## RISK ASSESSMENT RESULTS- RANKED

### Risk assessment

A process of defining and describing hazards by characterizing their probability, frequency, and severity and evaluating adverse consequences, including potential losses and injuries.

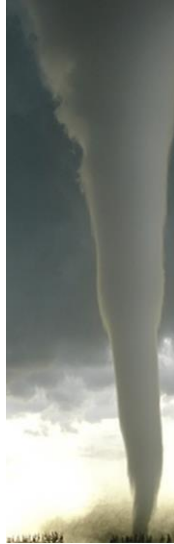
- Based on Risk Assessments + surveys

$$\text{Risk (R)} = \text{Probability (P)} \times \text{Severity (S)}$$

RANK	HAZARD	AVERAGE RISK SCORE
1	Tornado	14.4
2	Pandemic	14.0
3	Severe storms	12.2
4	Severe winter storms	9.1
5	Extreme heat	7.8
6	Extreme cold	7.4
7	Hazmat	7.0
8	Drought	6.6
9	Earthquake	6.1
10	Flash floods	3.6
11	Riverine floods	2.5
12	Wildfire	2.2
13	Mine subsidence	2.0
14	Dam failure	1.8

# TOP 3 HAZARDS IN WASHINGTON COUNTY

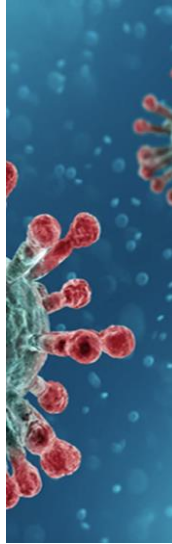
1



TORNADO

- Community shelters need to be retrofitted to withstand tornado damage
- Lack of tornado sirens

2



PANDEMIC

- Large senior, vulnerable population in several communities
- Slow response times to emergencies

3



SEVERE STORM

- Severe storms often halt day to day activities and services
- Often accompanied by property damage



# PLAN MAINTENANCE



- Discuss maintaining the plan ~ update in 5 years (2028)
  - Monitoring
    - Process to track progress/status of mitigation actions
  - Evaluating
    - Criteria to determine if plan is effective
  - Updating
    - Where, when & who will participate in update process during the 5 years



# FEDERAL MITIGATION GRANTS

Pre-applications to State in **September**, final applications in **January** following year

## **Building Resilient Infrastructure and Communities (BRIC)**

Replaced PDM program. Provides funding for hazard mitigation planning, and the implementation of mitigation projects *prior* to a disaster event

## **Flood Mitigation Assistance (FMA) Program**

Property owners who participate in the FMA program must have a flood insurance policy on the structure to be mitigated that is current at the time of application and maintained through award

## **Hazard Mitigation Grant Program (HMGP)**

Provides funding to implement long-term hazard mitigation measures after a major disaster declaration. Rolling applications, eligibility.





# PLAN ADOPTION





## PLAN ADOPTION



- The final plan will not be approved until the community adopts the plan and FEMA receives documentation of formal adoption
- While plan adoption usually occurs through a formal resolution, council minutes, consent agendas, or other forms of adoption are acceptable if allowed by local law.
- Each jurisdiction must submit documentation of adoption to the State, which is responsible for forwarding this on to the FEMA Regional Office. If you choose to use the APA (Approval Pending Adoption) process, adoption must take place within 1 year of receipt of FEMA's APA notification.



## TODAY'S TASKS



- Complete the capability assessment form
- Review report, especially mitigation goals and projects for your jurisdiction
- Discuss and determine maintenance plan and strategy



Thank you! Questions?

In case of questions or queries, please email us at [mitigation@isws.illinois.edu](mailto:mitigation@isws.illinois.edu)

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