

2019 Keweenaw County Hazard Mitigation Public Opinion Survey

We need your help!

Keweenaw County is currently updating their five year hazard mitigation plan as required by the Federal Emergency Management Agency (FEMA). A committee and staff in Keweenaw County are working with the Western Upper Peninsula Planning & Development Region (WUPPDR) to update the County's Hazard Mitigation Plan. Hazard mitigation is any action taken before, during, or after a disaster to eliminate or reduce the risk to human life and property from natural, technological, or human-related hazards. This survey provides an opportunity for you to share your knowledge and participate in the hazard mitigation planning process. The information you provide will help us better understand your hazard concerns and can lead to mitigation activities that help lessen the impact of future hazard events.

You can either fill out the attached paper survey or participate online at:

<https://www.surveymonkey.com/r/KewCoHazMitPublic>

Although participation in this survey is optional, we strongly encourage you to respond. All responses will be kept confidential. **Please respond by July 19, 2019.** If you have questions regarding this survey or would like to learn about more ways that you can participate in the planning process, please contact:

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Thank you for your time and participation!

Key Definitions:

Hazard - Something that is potentially dangerous or harmful, often the root cause of an unwanted outcome.

Mitigation - The action of reducing the severity, seriousness, or painfulness of something.

Risk - A situation involving exposure to danger; the possibility that something unpleasant or unwelcome will happen.

Vulnerability - The quality or state of being exposed to the possibility of being attacked or harmed, either physically, emotionally, financially, etc.

1. Where do you live in Keweenaw County?

- Allouez Township Eagle Harbor Township Grant Township
 Houghton Township Sherman Township Village of Ahmeek
 Outside Keweenaw County; please specify: _____

2. During the past five (5) years, have you or someone in your household directly experience a hazard in Keweenaw County, such as a severe windstorm, flood, or other type of hazard?

- Yes No (**skip logic here**)

If yes, which of hazards have you or someone in your household experienced in the past five (5) years?

3. How concerned are you about the following hazards affecting your home and community?

Hazards	Very Concerned	Somewhat Concerned	Neutral	Not Very Concerned	Not Concerned
Civil Disturbances (e.g. rioting)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Dam Failure	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Drought	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Extreme Weather Temperatures (hot/cold)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Hail	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Hazardous Materials, Fixed Site (e.g. buildings or industrial site)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Hazardous Materials, Transportation-Related (e.g. waste spill from traffic accident)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Ice/Sleet Storms	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Infrastructure failure & resulting hazards (e.g. power outage)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Landslide /Mudslide	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Lightning	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Petroleum/Natural Gas Pipeline Incident (e.g. rupture/leak resulting in outage)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Public Health Emergency (e.g. disease epidemic)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Flooding due to precipitation event or snowmelt	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Sabotage / Terrorism	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Severe Winds / Wind Storms	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Hazards	Very Concerned	Somewhat Concerned	Neutral	Not Very Concerned	Not Concerned
Shoreline Flooding and Erosion	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Snowstorms / Blizzards	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Structural Fires	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Subsidence (sink holes or ground collapse)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Tornadoes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Transportation Accidents (car crashes)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Wildfires	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other: _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other: _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other: _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

4. Have you taken any actions to make your home or community more resistant to hazards?

- Yes No

IF YES, please explain:

5. Is your home located in a floodplain? Yes No Don't know

6. Does your street or home flood regularly during significant rain events? Yes No

IF YES, provide cross street name and/or specific location(s) on street:

7. If your street or home **does flood regularly** during significant rain events, how many times did it flood in the past 12 months?

- 1 time 2 times 3 times 4 times 5 or more times

8. Do you have flood insurance? Yes No; ***please indicate reason(s) below*** Don't know

- | | |
|--|--|
| <input type="checkbox"/> Not Located in a floodplain | <input type="checkbox"/> Property is elevated or otherwise protected |
| <input type="checkbox"/> Too expensive | <input type="checkbox"/> Insurance company will not provide |
| <input type="checkbox"/> Property never floods | <input type="checkbox"/> Never considered / didn't know about it |
| <input type="checkbox"/> Other (specify): _____ | |

9. What are the most effective ways for you to receive information during or immediately following a hazard emergency?

- | | |
|--|---|
| <input type="checkbox"/> Newspaper | <input type="checkbox"/> Mailings |
| <input type="checkbox"/> Television | <input type="checkbox"/> Public Forums / Meetings |
| <input type="checkbox"/> Radio | <input type="checkbox"/> Other (specify): _____ |
| <input type="checkbox"/> Internet – Social Media (Facebook or Twitter) | _____ |
| <input type="checkbox"/> Internet – Government Website Postings | _____ |

10. In your opinion, what are some steps or projects your local government could take to reduce or eliminate the risk for future hazard damages to your community?

11. Several community-wide activities can reduce our risk from hazards. In general, these activities fall into one of six broad categories. Please tell us how important you think each one is for your community to consider doing:

Category	Very Important	Somewhat Important	Not Important
1. <u>Prevention</u> Administrative or regulatory actions that influence the way land is developed and buildings are built. Examples include planning & zoning, building codes, open space preservation, and floodplain regulations.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. <u>Property Protection</u> Modification or removal of existing buildings to protect them from a hazard. Examples include government purchase, relocation, raised elevation, and structural retrofits (updates).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. <u>Natural Resource Protection</u> Preservation or restoration of the functions of natural systems while minimizing hazard losses. Examples include floodplain protection, forest management, and slope stabilization.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. <u>Structural Projects</u> Modification of the natural conditions for or progression of a hazard. Examples include dams, levees, seawalls, detention/retention basins, channel modification, retaining walls, and storm sewers.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. <u>Emergency Services</u> Protection of people and property during and immediately after a hazard event. Examples include warning systems, evacuation planning, emergency response training, and protection of emergency facilities.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. <u>Public Education and Awareness</u> Informing of citizens about hazards and the techniques they can use to protect themselves and their property. Examples include outreach, school education, library materials, and demonstration events.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Please feel free to provide any additional comments in the space provided:

THANK YOU FOR YOUR PARTICIPATION!