

## 2019 Gogebic County Hazard Mitigation Public Opinion Survey

### We need your help!

Gogebic County is currently updating their five-year hazard mitigation plan as required by the Federal Emergency Management Agency (FEMA). A committee and staff in Gogebic 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 and risk of future hazard events to your community.

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

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

Although participation in this survey is optional, we strongly encourage you to respond. All responses will be kept confidential. **Please respond by Friday, July 12, 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:

**Angela Yu, Assistant Regional Planner**

WUPPDR

(906) 482-7205 ext. 118

[ayu@wuppdr.org](mailto:ayu@wuppdr.org)

Paper surveys can be mailed back using the attached envelope or to:

Angela Yu

Western U.P. Planning and Development Region (WUPPDR)

400 Quincy St., 8<sup>th</sup> Floor

Hancock, MI 49930

**Thank you for your time and participation!**

1. Where do you live in Gogebic County?

- |  |  |  |
|--|--|--|
| <input type="checkbox"/> City of Bessemer  | <input type="checkbox"/> Bessemer Township | <input type="checkbox"/> Marenisco Township  |
| <input type="checkbox"/> City of Ironwood  | <input type="checkbox"/> Erwin Township    | <input type="checkbox"/> Wakefield Township  |
| <input type="checkbox"/> City of Wakefield | <input type="checkbox"/> Ironwood Township | <input type="checkbox"/> Watersmeet Township |
- Outside Gogebic County; please specify: \_\_\_\_\_

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

- Yes                       No

**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 in the next five (5) years?

Hazards	Very Concerned	Somewhat Concerned	Neutral	Not Very Concerned	Not Concerned
<b>WEATHER HAZARDS</b>					
Extreme Weather Temperatures (hot/cold)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Fog	<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"/>
Ice and Sleet Storms	<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"/>
Severe Winds (Windstorms)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Snowstorms and Blizzards	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Tornados	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>GEOLOGIC HAZARDS</b>					
Earthquakes	<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"/>
Subsidence (sink holes or ground collapse)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>HYDROLOGICAL HAZARDS</b>					
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"/>
Flooding due to precipitation event or snowmelt	<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"/>
<b>ECOLOGICAL HAZARDS</b>					
Invasive Species (Emerald Ash Borer/Asian Carp)	<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"/>
<b>INDUSTIRAL HAZARDS</b>					
Scrap Tire Fires	<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"/>
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"/>
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"/>
<b>INFRASTRUCTURE HAZARDS</b>					
Infrastructure failure & resulting hazards (e.g. power outage)	<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"/>
<b>HUMAN RELATED</b>					
Civil Disturbances (rioting)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Public Health Emergencies (disease epidemic)	<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"/>
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**, what are the closest major cross street to this location?

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"/> Phone   |   |
| <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
<b>1. <u>Prevention</u></b> 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"/>
<b>2. <u>Property Protection</u></b> Modification or removal of existing buildings to protect them from a hazard. Examples include purchase, relocation, raised elevation, and structural retrofits (updates).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>3. <u>Natural Resource Protection</u></b> 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"/>
<b>4. <u>Structural Projects</u></b> 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"/>
<b>5. <u>Emergency Services</u></b> 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"/>
<b>6. <u>Public Education and Awareness</u></b> 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!**