

Clermont County Risk Assessment Survey

Q3 Severe Storms

Frequency# of local disaster declarations	3Moderate
Avg Duration of Responsetime period of response	2 Low-Moderate
Avg Speed of Onsetwarning time	4Mod-High
Avg Magnitude% of community affected	4Mod-High
Impact on Businesseslength of time critical facilities could be shutdown	3Moderate
Impact on People# and severity of injuries	3Moderate
Impact on Property% of severely damaged properties	3Moderate

Page 4: Risk Assessment - Tornadoes

Q4 Tornadoes

Frequency# of local disaster declarations	2 Low-Moderate
Avg Duration of Responsetime period of response	2 Low-Moderate
Avg Speed of Onsetwarning time	5High
Avg Magnitude% of community affected	4Mod-High
Impact on Businesseslength of time critical facilities could be shutdown	3Moderate
Impact on People# and severity of injuries	3Moderate
Impact on Property% of severely damaged properties	3Moderate

Page 5: Risk Assessment - Landslides

Q5 Landslides

Frequency# of local disaster declarations	2 Low-Moderate
Avg Duration of Responsetime period of response	3Moderate
Avg Speed of Onsetwarning time	3Moderate
Avg Magnitude% of community affected	1 Low/No
Impact on Businesseslength of time critical facilities could be shutdown	1 Low/No
Impact on People# and severity of injuries	1 Low/No
Impact on Property% of severely damaged properties	1 Low/No

Page 6: Risk Assessment - Hazardous Material Accident

Q6 Hazardous Material Accident

Frequency# of local disaster declarations	2 Low-Moderate
Avg Duration of Responsetime period of response	3Moderate
Avg Speed of Onsetwarning time	5High
Avg Magnitude% of community affected	3Moderate
Impact on Businesseslength of time critical facilities could be shutdown	3Moderate
Impact on People# and severity of injuries	3Moderate
Impact on Property% of severely damaged properties	3Moderate

Page 7: Risk Assessment - Dam Failure

Q7 Dam Failure

Frequency# of local disaster declarations	1 Low/No
Avg Duration of Responsetime period of response	4Mod-High
Avg Speed of Onsetwarning time	5High
Avg Magnitude% of community affected	2 Low-Moderate
Impact on Businesseslength of time critical facilities could be shutdown	2 Low-Moderate
Impact on People# and severity of injuries	2 Low-Moderate
Impact on Property% of severely damaged properties	2 Low-Moderate

Page 8: Risk Assessment - Invasive Species

Q8 Invasive Species

Frequency# of local disaster declarations	1 Low/No
Avg Duration of Responsetime period of response	2 Low-Moderate
Avg Speed of Onsetwarning time	1 Low/No
Avg Magnitude% of community affected	3Moderate
Impact on Businesseslength of time critical facilities could be shutdown	3Moderate
Impact on People# and severity of injuries	1 Low/No
Impact on Property% of severely damaged properties	2 Low-Moderate

Page 9: Risk Assessment - Utility Failure

Q9 Utility Failure

Frequency# of local disaster declarations	5High
Avg Duration of Responsetime period of response	3Moderate
Avg Speed of Onsetwarning time	5High
Avg Magnitude% of community affected	4Mod-High
Impact on Businesseslength of time critical facilities could be shutdown	4Mod-High
Impact on People# and severity of injuries	1 Low/No
Impact on Property% of severely damaged properties	2 Low-Moderate

Page 10: Risk Assessment - Drought

Q10 Drought

Frequency# of local disaster declarations	3Moderate
Avg Duration of Responsetime period of response	4Mod-High
Avg Speed of Onsetwarning time	3Moderate
Avg Magnitude% of community affected	4Mod-High
Impact on Businesseslength of time critical facilities could be shutdown	2 Low-Moderate
Impact on People# and severity of injuries	2 Low-Moderate
Impact on Property% of severely damaged properties	2 Low-Moderate

Page 11: Risk Assessment - Earthquake

Q11 Earthquake

Frequency# of local disaster declarations	1 Low/No
Avg Duration of Responsetime period of response	3Moderate
Avg Speed of Onsetwarning time	5High
Avg Magnitude% of community affected	5High
Impact on Businesseslength of time critical facilities could be shutdown	4Mod-High
Impact on People# and severity of injuries	4Mod-High
Impact on Property% of severely damaged properties	4Mod-High

Page 12: Risk Assessment - Wildfire

Q12 Wildfire

Frequency# of local disaster declarations	2 Low-Moderate
Avg Duration of Responsetime period of response	3Moderate
Avg Speed of Onsetwarning time	3Moderate
Avg Magnitude% of community affected	2 Low-Moderate
Impact on Businesseslength of time critical facilities could be shutdown	2 Low-Moderate
Impact on People# and severity of injuries	2 Low-Moderate
Impact on Property% of severely damaged properties	2 Low-Moderate

Page 13: Risk Assessment - Terrorism

Q13 Terrorism

Frequency# of local disaster declarations	1 Low/No
Avg Duration of Responsetime period of response	3Moderate
Avg Speed of Onsetwarning time	5High
Avg Magnitude% of community affected	5High
Impact on Businesseslength of time critical facilities could be shutdown	5High
Impact on People# and severity of injuries	5High
Impact on Property% of severely damaged properties	4Mod-High

Page 14: Risk Assessment - Extreme Temperatures

Q14 Extreme Temperatures

Frequency# of local disaster declarations	3Moderate
Avg Duration of Responsetime period of response	3Moderate
Avg Speed of Onsetwarning time	3Moderate
Avg Magnitude% of community affected	3Moderate
Impact on Businesseslength of time critical facilities could be shutdown	3Moderate
Impact on People# and severity of injuries	3Moderate
Impact on Property% of severely damaged properties	3Moderate

Page 15: Survey Complete!

Q15 General Comments

Respondent skipped this question

#5

COMPLETE

Collector: Web Link 1 (Web Link)
Started: Friday, December 28, 2018 9:45:07 AM
Last Modified: Friday, December 28, 2018 9:53:36 AM
Time Spent: 00:08:28
IP Address: 8.21.104.114

Page 1: Survey Instructions

Q1 Name and Organization

Name	CHRIS MEHLMAN
Organization	CLERMONT COUNTY AUDITOR'S OFFICE
Title/Position	DEPUTY AUDITOR
Email Address	CMEHLMAN@CLERMONTCOUNTYOHIO.GOV

Page 2: Risk Assessment - Flooding

Q2 Flooding

Frequency# of local disaster declarations	4Mod-High
Avg Duration of Responsetime period of response	4Mod-High
Avg Speed of Onsetwarning time	4Mod-High
Avg Magnitude% of community affected	3Moderate
Impact on Businesseslength of time critical facilities could be shutdown	4Mod-High
Impact on People# and severity of injuries	3Moderate
Impact on Property% of severely damaged properties	3Moderate

Page 3: Risk Assessment - Severe Storms

Q3 Severe Storms

Frequency# of local disaster declarations	3Moderate
Avg Duration of Responsetime period of response	3Moderate
Avg Speed of Onsetwarning time	4Mod-High
Avg Magnitude% of community affected	4Mod-High
Impact on Businesseslength of time critical facilities could be shutdown	3Moderate
Impact on People# and severity of injuries	3Moderate
Impact on Property% of severely damaged properties	3Moderate

Page 4: Risk Assessment - Tornadoes

Q4 Tornadoes

Frequency# of local disaster declarations	3Moderate
Avg Duration of Responsetime period of response	4Mod-High
Avg Speed of Onsetwarning time	4Mod-High
Avg Magnitude% of community affected	4Mod-High
Impact on Businesseslength of time critical facilities could be shutdown	4Mod-High
Impact on People# and severity of injuries	4Mod-High
Impact on Property% of severely damaged properties	4Mod-High

Page 5: Risk Assessment - Landslides

Q5 Landslides

Frequency# of local disaster declarations	1 Low/No
Avg Duration of Responsetime period of response	2 Low-Moderate
Avg Speed of Onsetwarning time	2 Low-Moderate
Avg Magnitude% of community affected	1 Low/No
Impact on Businesseslength of time critical facilities could be shutdown	1 Low/No
Impact on People# and severity of injuries	1 Low/No
Impact on Property% of severely damaged properties	2 Low-Moderate

Page 6: Risk Assessment - Hazardous Material Accident

Q6 Hazardous Material Accident

Frequency# of local disaster declarations	1 Low/No
Avg Duration of Responsetime period of response	2 Low-Moderate
Avg Speed of Onsetwarning time	2 Low-Moderate
Avg Magnitude% of community affected	3Moderate
Impact on Businesseslength of time critical facilities could be shutdown	3Moderate
Impact on People# and severity of injuries	3Moderate
Impact on Property% of severely damaged properties	2 Low-Moderate

Page 7: Risk Assessment - Dam Failure

Q7 Dam Failure

Frequency# of local disaster declarations	1 Low/No
Avg Duration of Responsetime period of response	4Mod-High
Avg Speed of Onsetwarning time	4Mod-High
Avg Magnitude% of community affected	5High
Impact on Businesseslength of time critical facilities could be shutdown	5High
Impact on People# and severity of injuries	5High
Impact on Property% of severely damaged properties	5High

Page 8: Risk Assessment - Invasive Species

Q8 Invasive Species

Frequency# of local disaster declarations	1 Low/No
Avg Duration of Responsetime period of response	2 Low-Moderate
Avg Speed of Onsetwarning time	2 Low-Moderate
Avg Magnitude% of community affected	1 Low/No
Impact on Businesseslength of time critical facilities could be shutdown	1 Low/No
Impact on People# and severity of injuries	1 Low/No
Impact on Property% of severely damaged properties	1 Low/No

Page 9: Risk Assessment - Utility Failure

Q9 Utility Failure

Frequency# of local disaster declarations	4Mod-High
Avg Duration of Responsetime period of response	4Mod-High
Avg Speed of Onsetwarning time	4Mod-High
Avg Magnitude% of community affected	5High
Impact on Businesseslength of time critical facilities could be shutdown	5High
Impact on People# and severity of injuries	2 Low-Moderate
Impact on Property% of severely damaged properties	4Mod-High

Page 10: Risk Assessment - Drought

Q10 Drought

Frequency# of local disaster declarations	1 Low/No
Avg Duration of Responsetime period of response	2 Low-Moderate
Avg Speed of Onsetwarning time	1 Low/No
Avg Magnitude% of community affected	4Mod-High
Impact on Businesseslength of time critical facilities could be shutdown	4Mod-High
Impact on People# and severity of injuries	2 Low-Moderate
Impact on Property% of severely damaged properties	4Mod-High

Page 11: Risk Assessment - Earthquake

Q11 Earthquake

Frequency# of local disaster declarations	1 Low/No
Avg Duration of Responsetime period of response	1 Low/No
Avg Speed of Onsetwarning time	1 Low/No
Avg Magnitude% of community affected	4Mod-High
Impact on Businesseslength of time critical facilities could be shutdown	4Mod-High
Impact on People# and severity of injuries	4Mod-High
Impact on Property% of severely damaged properties	4Mod-High

Page 12: Risk Assessment - Wildfire

Q12 Wildfire

Frequency# of local disaster declarations	1 Low/No
Avg Duration of Responsetime period of response	1 Low/No
Avg Speed of Onsetwarning time	1 Low/No
Avg Magnitude% of community affected	3Moderate
Impact on Businesseslength of time critical facilities could be shutdown	2 Low-Moderate
Impact on People# and severity of injuries	2 Low-Moderate
Impact on Property% of severely damaged properties	3Moderate

Page 13: Risk Assessment - Terrorism

Q13 Terrorism

Frequency# of local disaster declarations	2 Low-Moderate
Avg Duration of Responsetime period of response	3Moderate
Avg Speed of Onsetwarning time	2 Low-Moderate
Avg Magnitude% of community affected	4Mod-High
Impact on Businesseslength of time critical facilities could be shutdown	4Mod-High
Impact on People# and severity of injuries	5High
Impact on Property% of severely damaged properties	5High

Page 14: Risk Assessment - Extreme Temperatures

Q14 Extreme Temperatures

Frequency# of local disaster declarations	1 Low/No
Avg Duration of Responsetime period of response	1 Low/No
Avg Speed of Onsetwarning time	1 Low/No
Avg Magnitude% of community affected	3Moderate
Impact on Businesseslength of time critical facilities could be shutdown	2 Low-Moderate
Impact on People# and severity of injuries	2 Low-Moderate
Impact on Property% of severely damaged properties	1 Low/No

Page 15: Survey Complete!

Q15 General Comments

Respondent skipped this question

Appendix F:

Meeting

Documentation

Other Surveys

Name & Organization: Samuel Reed OEMA**GOALS SURVEY**

It is important to revisit the goals from the 2014 Clermont County All-Hazards Mitigation Plan to help guide the current update to the plan. Please provide input on if these goals still relevant. If a goal is still applicable as written, please check (✓) the box; if the goal needs to be modified or removed, please write how it should be modified or why it should be removed on the line below the goal.

Previous Goals (from the 2014 Plan)

- ☒ Reduce loss of life and injury from hazard events
- ☒ Minimize damage to personal and public property
- ☒ Provide public awareness of potential hazards and mitigation efforts
- ☒ Update critical facility locations and identify new critical facilities to prevent disruption during and after an event
- ☒ Identify areas of greatest impact from hazards (e.g. High-water marks, repetitive loss, etc.)
- ☒ Coordinate mitigation efforts through communication and collaboration between jurisdictions and all departments
- ☒ Develop plans/programs to identify and reduce a hazard's risk (e.g. Emergency action plans, Power Restoration Plans, etc.)

New Goals

If there is a new goal that should be included, please write that goal on the lines below.

- ☐ Provide public awareness to NFIP
- ☐ Provide public awareness for grant programs
- ☐ pertaining to safe rooms, ~~and~~
- ☐ _____

Name & Organization: Samuel Reed Ohio EMA

HAZARD PRIORITIES

Instructions:

1. Consider each hazard below.
2. Rate each hazard on a scale of 0 to 5 based on how important each hazard is to your community.
3. If a hazard should not be studied, give it a zero (0).
4. Provide any comments you would like to share regarding your selected ratings.

Priority Rating Scale:

- 0 = Not a Priority/Remove
 1 = Lowest Priority
 2 = Low-Medium Priority
 3 = Medium Priority
 4 = Medium-High Priority
 5 = Highest Priority

2014 Hazards	Priority Ratings (0-5)
1. Flooding	5
2. Severe Storms	5
3. Tornadoes	5
4. Landslides	4
5. Hazardous Material Accident	5
6. Dam Failure	3
7. Invasive Species	2
8. Utility Failure	4
9. Drought	3
10. Earthquake	1
11. Winter Storms	4
Possible Additional Hazards	Priority Ratings (0-5)
12. Wildfire	0
13. Terrorism	2
14. Hurricanes/Tropical Storms	1
15. Mine Subsidence	1
16. Extreme Temperatures	2

Comments

Could be tied in with terrorism, but look at cyber security such as malware or ransomware that could lead to utility failure or economic loss.
 Separate Riverine Flooding and Flash Flooding.

Name & Organization:

Gigi Neal OSU Extension**GOALS SURVEY**

It is important to revisit the goals from the 2014 Clermont County All-Hazards Mitigation Plan to help guide the current update to the plan. Please provide input on if these goals still relevant. If a goal is still applicable as written, please check (✓) the box; if the goal needs to be modified or removed, please write how it should be modified or why it should be removed on the line below the goal.

Previous Goals (from the 2014 Plan)☒ Reduce loss of life and injury from hazard events☒ Minimize damage to personal and public property☒ Provide public awareness of potential hazards and mitigation efforts☒ Update critical facility locations and identify new critical facilities to prevent disruption during and after an event☒ Identify areas of greatest impact from hazards (e.g. High-water marks, repetitive loss, etc.)dead trees removal☒ Coordinate mitigation efforts through communication and collaboration between jurisdictions and all departments☒ Develop plans/programs to identify and reduce a hazard's risk (e.g. Emergency action plans, Power Restoration Plans, etc.)**New Goals**

If there is a new goal that should be included, please write that goal on the lines below.

- ☐ _____
- ☐ _____
- ☐ _____
- ☐ _____

Name & Organization: Gigi Neal OSU Extension
HAZARD PRIORITIES
Instructions:

1. Consider each hazard below.
2. Rate each hazard on a scale of 0 to 5 based on how important each hazard is to your community.
3. If a hazard should not be studied, give it a zero (0).
4. Provide any comments you would like to share regarding your selected ratings.

Priority Rating Scale:

- 0 = Not a Priority/Remove
 1 = Lowest Priority
 2 = Low-Medium Priority
 3 = Medium Priority
 4 = Medium-High Priority
 5 = Highest Priority

2014 Hazards	Priority Ratings (0-5)
1. Flooding	4
2. Severe Storms	4
3. Tornadoes	4
4. Landslides	2
5. Hazardous Material Accident	2
6. Dam Failure	3
7. Invasive Species	4
8. Utility Failure	3
9. Drought	4
10. Earthquake	0
11. Winter Storms	3
Possible Additional Hazards	Priority Ratings (0-5)
12. Wildfire	1
13. Terrorism	1
14. Hurricanes/Tropical Storms	2
15. Mine Subsidence	0
16. Extreme Temperatures	4
Comments	

#2

COMPLETE

Collector: Web Link 1 (Web Link)
Started: Wednesday, December 05, 2018 2:38:05 AM
Last Modified: Wednesday, December 05, 2018 2:42:41 AM
Time Spent: 00:04:36
IP Address: 208.102.202.71

Page 1: Survey Instructions

Q1 Name and Organization

Name	Janelle Jessie
Organization	N/A
Title/Position	N/A
Email Address	penguinslive@yahoo.com

Page 2: Goals Survey

Q2 Reduce loss of life and injury from hazard events	Keep goal as written with no modifications
---	--

Q3 Minimize damage to personal and public property	Keep goal as written with no modifications
---	--

Q4 Provide public awareness of potential hazards and mitigation efforts	Keep goal as written with no modifications
--	--

Q5 Update critical facility locations and identify new critical facilities to prevent disruption during and after an event	Keep goal as written with no modifications
---	--

Q6 Identify areas of greatest impact from hazards (e.g. High-water marks, repetitive loss, etc.)	Keep goal as written with no modifications
---	--

Q7 Coordinate mitigation efforts through communication and collaboration between jurisdictions and all departments	Keep goal as written with no modifications
---	--

Clermont Co. All-Hazards Mitigation Plan, Goals/Hazard Priority Survey

Q8 Develop plans/programs to identify and reduce a hazard's risk (e.g. Emergency action plans, Power Restoration Plans, etc.)

Keep goal as written with no modifications

Q9 If there is a new goal that should be included, please type that goal below

Respondent skipped this question

Page 3: Hazard Priorities

Q10 2014 Hazards

Flooding	Medium-High Priority
Severe Storms	Highest Priority
Tornadoes	Highest Priority
Landslides	Medium Priority
Hazardous Material Accident	Highest Priority
Dam Failure	Highest Priority
Invasive Species	Medium Priority
Utility Failure	Medium Priority
Drought	Low-Medium Priority
Earthquake	Low-Medium Priority
Winter Storms	Lowest Priority

Q11 Possible Additional Hazards

Wildfire	Medium-High Priority
Terrorism	Highest Priority
Hurricanes/Tropical Storms	Lowest Priority
Mine Subsidence	Lowest Priority
Extreme Temperatures	N/A

Q12 Comments

Respondent skipped this question

Page 4: Survey Complete!

Q13 General Comments

Respondent skipped this question

#3

COMPLETE

Collector: Web Link 1 (Web Link)
Started: Thursday, December 06, 2018 3:16:22 PM
Last Modified: Thursday, December 06, 2018 3:33:05 PM
Time Spent: 00:16:43
IP Address: 71.65.81.19

Page 1: Survey Instructions

Q1 Name and Organization

Name	Roger
Organization	Home owner
Title/Position	Dad
Email Address	unixpro2@gmail.com

Page 2: Goals Survey

Q2 Reduce loss of life and injury from hazard events	Keep goal as written with no modifications
--	--

Q3 Minimize damage to personal and public property	Keep goal as written with no modifications
--	--

Q4 Provide public awareness of potential hazards and mitigation efforts	Keep goal as written with no modifications
---	--

Q5 Update critical facility locations and identify new critical facilities to prevent disruption during and after an event	Keep goal as written with no modifications
--	--

Q6 Identify areas of greatest impact from hazards (e.g. High-water marks, repetitive loss, etc.)	Keep goal as written with no modifications
--	--

Q7 Coordinate mitigation efforts through communication and collaboration between jurisdictions and all departments	Keep goal as written with no modifications
--	--

Clermont Co. All-Hazards Mitigation Plan, Goals/Hazard Priority Survey

Q8 Develop plans/programs to identify and reduce a hazard's risk (e.g. Emergency action plans, Power Restoration Plans, etc.)

Keep goal as written with no modifications

Q9 If there is a new goal that should be included, please type that goal below

Respondent skipped this question

Page 3: Hazard Priorities

Q10 2014 Hazards

Flooding	Highest Priority
Severe Storms	Highest Priority
Tornadoes	Medium-High Priority
Landslides	Medium Priority
Hazardous Material Accident	Medium Priority
Dam Failure	Medium Priority
Invasive Species	Low-Medium Priority
Utility Failure	Medium-High Priority
Drought	Low-Medium Priority
Earthquake	Lowest Priority
Winter Storms	Medium-High Priority

Q11 Possible Additional Hazards

Wildfire	Medium Priority
Terrorism	Low-Medium Priority
Hurricanes/Tropical Storms	Lowest Priority
Mine Subsidence	Lowest Priority
Extreme Temperatures	Low-Medium Priority

Q12 Comments

Respondent skipped this question

Page 4: Survey Complete!

Q13 General Comments

Respondent skipped this question

#5

COMPLETE

Collector: Web Link 1 (Web Link)
Started: Tuesday, December 11, 2018 1:09:21 PM
Last Modified: Tuesday, December 11, 2018 1:17:54 PM
Time Spent: 00:08:33
IP Address: 192.234.122.28

Page 1: Survey Instructions

Q1 Name and Organization

Name	John Kappesser
Organization	Duke Energy
Title/Position	Lead Business Continuity Specialist
Email Address	John.Kappesser@Duke-Energy.com

Page 2: Goals Survey

Q2 Reduce loss of life and injury from hazard events	Keep goal as written with no modifications
---	--

Q3 Minimize damage to personal and public property	Keep goal as written with no modifications
---	--

Q4 Provide public awareness of potential hazards and mitigation efforts	Keep goal as written with no modifications
--	--

Q5 Update critical facility locations and identify new critical facilities to prevent disruption during and after an event	Keep goal as written with no modifications
---	--

Q6 Identify areas of greatest impact from hazards (e.g. High-water marks, repetitive loss, etc.)	Keep goal as written with no modifications
---	--

Q7 Coordinate mitigation efforts through communication and collaboration between jurisdictions and all departments	Keep goal as written with no modifications
---	--

Clermont Co. All-Hazards Mitigation Plan, Goals/Hazard Priority Survey

Q8 Develop plans/programs to identify and reduce a hazard's risk (e.g. Emergency action plans, Power Restoration Plans, etc.)

Keep goal as written with no modifications

Q9 If there is a new goal that should be included, please type that goal below

Respondent skipped this question

Page 3: Hazard Priorities

Q10 2014 Hazards

Flooding	Highest Priority
Severe Storms	Medium-High Priority
Landslides	Medium Priority
Hazardous Material Accident	Highest Priority
Dam Failure	Medium-High Priority
Invasive Species	Medium Priority
Utility Failure	Medium Priority
Drought	Low-Medium Priority
Earthquake	Medium Priority
Winter Storms	Medium Priority

Q11 Possible Additional Hazards

Wildfire	Medium Priority
Hurricanes/Tropical Storms	Lowest Priority
Mine Subsidence	Low-Medium Priority
Extreme Temperatures	Low-Medium Priority

Q12 Comments

Respondent skipped this question

Page 4: Survey Complete!

Q13 General Comments

Consider hazardous material spill as a possible hazard.

#8

INCOMPLETE

Collector: Web Link 1 (Web Link)
Started: Wednesday, December 12, 2018 3:41:09 PM
Last Modified: Wednesday, December 12, 2018 3:42:29 PM
Time Spent: 00:01:20
IP Address: 72.49.105.224

Page 1: Survey Instructions

Q1 Name and Organization

Name	Jerry E Perry
Organization	American Legion Batavia Post 237
Title/Position	Commander
Email Address	Post237al@gmail.com

Page 2: Goals Survey

Q2 Reduce loss of life and injury from hazard events	Respondent skipped this question
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Q3 Minimize damage to personal and public property	Respondent skipped this question
--	----------------------------------

Q4 Provide public awareness of potential hazards and mitigation efforts	Respondent skipped this question
---	----------------------------------

Q5 Update critical facility locations and identify new critical facilities to prevent disruption during and after an event	Respondent skipped this question
--	----------------------------------

Q6 Identify areas of greatest impact from hazards (e.g. High-water marks, repetitive loss, etc.)	Respondent skipped this question
--	----------------------------------

Q7 Coordinate mitigation efforts through communication and collaboration between jurisdictions and all departments	Respondent skipped this question
--	----------------------------------

Q8 Develop plans/programs to identify and reduce a hazard's risk (e.g. Emergency action plans, Power Restoration Plans, etc.)	Respondent skipped this question
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Clermont Co. All-Hazards Mitigation Plan, Goals/Hazard Priority Survey

Q9 If there is a new goal that should be included, please type that goal below

Respondent skipped this question

Page 3: Hazard Priorities

Q10 2014 Hazards

Respondent skipped this question

Q11 Possible Additional Hazards

Respondent skipped this question

Q12 Comments

Respondent skipped this question

Page 4: Survey Complete!

Q13 General Comments

Respondent skipped this question

#13

INCOMPLETE

Collector: Web Link 1 (Web Link)
Started: Wednesday, January 02, 2019 11:54:40 AM
Last Modified: Wednesday, January 02, 2019 11:57:22 AM
Time Spent: 00:02:42
IP Address: 73.112.58.229

Page 1: Survey Instructions

Q1 Name and Organization

Name	B funk
Organization	Longport
Title/Position	OEM
Email Address	zoning@longport-nj.us

Page 2: Goals Survey

Q2 Reduce loss of life and injury from hazard events	Keep goal as written with no modifications
--	--

Q3 Minimize damage to personal and public property	Keep goal as written with no modifications
--	--

Q4 Provide public awareness of potential hazards and mitigation efforts	Keep goal as written with no modifications
---	--

Q5 Update critical facility locations and identify new critical facilities to prevent disruption during and after an event	Keep goal as written with no modifications
--	--

Q6 Identify areas of greatest impact from hazards (e.g. High-water marks, repetitive loss, etc.)	Keep goal as written with no modifications
--	--

Q7 Coordinate mitigation efforts through communication and collaboration between jurisdictions and all departments	Keep goal as written with no modifications
--	--

Clermont Co. All-Hazards Mitigation Plan, Goals/Hazard Priority Survey

Q8 Develop plans/programs to identify and reduce a hazard's risk (e.g. Emergency action plans, Power Restoration Plans, etc.)

Keep goal as written with no modifications

Q9 If there is a new goal that should be included, please type that goal below

Respondent skipped this question

Page 3: Hazard Priorities

Q10 2014 Hazards

Flooding	Highest Priority
Severe Storms	Highest Priority
Tornadoes	Lowest Priority
Landslides	Lowest Priority
Hazardous Material Accident	Low-Medium Priority
Dam Failure	Lowest Priority
Invasive Species	Lowest Priority
Utility Failure	Medium Priority
Drought	Lowest Priority
Earthquake	Lowest Priority
Winter Storms	Highest Priority

Q11 Possible Additional Hazards

Wildfire	Lowest Priority
Terrorism	Medium Priority
Hurricanes/Tropical Storms	Highest Priority
Mine Subsidence	Lowest Priority
Extreme Temperatures	Medium Priority

Q12 Comments

Respondent skipped this question

Page 4: Survey Complete!

Q13 General Comments

Respondent skipped this question



NEW MITIGATION ACTIONS SCORING MATRIX

NAME: John Karpas JURISDICTION: Duke Energy

Hazard & Associated Mitigation Action	Applicable to your jurisdiction?	Cost-Effective	Technically Feasible	Environmentally Sound	Immediate Need	Total Risk Reduction	Comments
All Hazards							
1. Develop/update back-up power generation capabilities at critical government facilities (e.g. temporary storm safe locations, community EOCs).	Yes	2	2	2	2	8	
2. Develop/update Continuity of Operations Plans							
3. Provide public education and outreach on disaster preparedness including websites, newsletters, social media, Preparedness Month events, etc.							
4. Develop or update Emergency Operation Plans							
5. Maintain an all-hazard outdoor warning siren system, including repairing, replacing, and upgrading.							
6. Continue fire code enforcement activities							
7. Update building and zoning codes to limit exposure to or prepare for potential hazards.							
Flooding							
1. Improve storm water management system.	Yes	2	3	3	1	9	
2. Identify and study poor draining areas to control flooding.	Yes	1	2	2	1	6	
3. Repair or replace ditching and culverts to control flooding.	Yes	2	4	4	2	12	
4. Continue to identify and study riverbank stabilization opportunities.							
5. Provide mitigation option guidance to property owners of Repetitive Loss and Severely Repetitive Loss Structures, such as acquisition, relocation, elevation, dry flood proofing, and wet flood proofing.	Yes	2	3	4	2	11	Reduces our cost of Rates
6. Continue to implement floodplain regulations.							
7. Encourage residents in flood prone areas to purchase flood insurance.							
Severe Storms							
1. A public education campaign on having multiple means to receive severe weather notifications, such as weather radios, smart phone apps, social media feeds, and/or registration for mass notification systems.	Yes						
2. Create a Standard Operating Guideline for the timely clearing of roads from debris caused by severe storms.	Yes						
3. Maintain StormReady Certification	Yes						
4. Adopting new or amend existing ordinances to include guidelines on building construction, surge and lightning protection, roofing shingles, and backup power devices.	Yes	2	2	4	1	9	



Hazard & Associated Mitigation Action	Applicable to your jurisdiction?	Cost-Effective	Technically Feasible	Environmentally Sound	Immediate Need	Total Risk Reduction	Comments
Tornadoes							
1. Adopt stronger construction standards to address high winds and tornadoes.	Yes	2	2	2	2	8	
2. Promote the Ohio Safe Room Rebate Program for the construction and installation of residential safe rooms.							
3. Require tie-downs for manufactured homes placed on land in Clermont County and its municipalities.							
4. Identify tornado safe locations for residents to seek shelter during tornadoes/high wind events, through coordination with local municipalities.							
Hazardous Materials Accidents							
1. Develop a Wellhead Protection Plan							
2. Organize an annual drill to prepare for a disaster involving hazardous materials.							
3. Report what hazardous materials are being handled on-site and amounts according to regulation.							
4. Update commodity flow study to identify types and volume of hazardous materials transported via river, pipeline, truck, rail, and plane.							
Utility Failure							
1. Tree trimming in right of ways along utility lines	Yes	3	3	1	2	9	
2. Work with local utilities to ensure that construction requirements include burying/protecting power lines, designed-failure, and tree management.	Yes	3	2	2	2	9	
Winter Storms							
1. Provide public education on winter weather safety, including family/traveler emergency preparedness, driver safety, and animal protection.							
2. Review local codes and ordinances, and modify as needed, to reduce the possibility of damage from winter storms.							
3. Prepare local government for severe winter storms by utilizing snow fences to limit blowing and drifting of snow over critical roadway segments.							
Dam Failure							
1. Coordinate with ODNR to implement Dam Safety Program							
2. Ensure dam owners develop/update their dam safety plan							
3. Ensure dam owners are prepared to respond should their dam fail							
4. Identify downstream risk should dam failure occur							
5. Coordinate with local communities to ensure they understand risk to dam failures and the impact it would have on their community.							



NEW MITIGATION ACTIONS SCORING MATRIX

Hazard & Associated Mitigation Action	Applicable to your jurisdiction?	Cost-Effective	Technically Feasible	Environmentally Sound	Immediate Need	Total Risk Reduction	Comments
Terrorism							
1. Encourage critical infrastructure to implement protective measures at their facilities.							
2. Continue to refine emergency operation plans to respond to and recover from potential acts of terrorism.							
3. Encourage government agencies to review and update emergency plans, communications procedures, and continuity of operation plans.							
4. Coordinate with local law enforcement to ensure the safety of large public gathering events.							
5. Provide guidance to schools, churches, government agencies, health care facilities, and other critical facilities on improving protection, preparedness, response, and recovery activities to an active aggressor threat.							
Landslides							
1. Develop a map of landslide prone areas.							
2. Develop a slide-prone area ordinance to limit fill or dumping and address drainage or other landslide related problems.							
3. Develop drainage control regulations to reduce the risk of landslides resulting from saturated soils.							
4. Develop grading ordinances which require developers and landowners to obtain permits prior to filling or regrading.							
5. Implement Sanitary System Codes to reduce the effect of drainage on landslides by limiting the type and location of sanitary systems.							
6. Consider relocation of structures to less hazardous locations.							
7. Consider acquisition of land and structures and enforce permanent restrictions on development.							
8. Implement Restraining Structures to hold soil in place.							
9. Implement Debris-Flow Measures, such as stabilization, energy dissipation, and flow control measures, to reduce damage in sloping areas.							
10. Implement Grading to increase slope stability.							
11. Consider Vegetation Placement and Management Plans to increase soil stability.							
12. Consider placement of utilities. (Placing utilities outside of landslide areas decreases the risk of service disruption.)	Yes	2	2	3	1	8	
13. Implement Abatement Districts to pool resources to mitigate common hazards.							



Hazard & Associated Mitigation Action	Applicable to your jurisdiction?	Cost-Effective	Technically Feasible	Environmentally Sound	Immediate Need	Total Risk Reduction	Comments
Invasive Species							
1. Implement an invasive species education program that covers associated hazards, identification, behavior, and quarantine procedures.							
2. Share information with the public that explains the importance of not importing or exporting firewood.							
3. Collaborate with wildlife managers, agricultural producers, and hunters to develop an action plan to address feral swine in Clermont County.							
4. Work with agricultural producers to monitor and minimize nutrient runoff in order to prevent Harmful Algal Blooms.							
Extreme Temperatures							
1. Provide guidance and resources for vulnerable populations during extreme temperature events.							
2. Provide guidance and resources on utility assistance programs.							
Drought							
1. Encourage property owners to prepare for droughts by installing equipment that reduces water use.							
2. Develop water storage plans, water use ordinances, contingency plans, and water delivery systems in water utility operating plans.							
3. Encourage farmers to purchase crop insurance.							
Wildfire							
1. Implement outreach efforts to promote fire safe construction.							
2. Promote public education on smoking hazards and recreational fire risks.							
3. Provide public education on extreme fire danger and red flag warnings, including what it means and what actions to take when it is issued.							
4. Develop public education materials on when and where open burning is permissible, and when a permit is required.							
5. Review and update local codes and ordinances to reduce the risk and effects of wildfire.							
Earthquakes							
1. Ensure building codes and ordinances address earthquakes, such as buildings as structural hazards, non-structural hazards, infrastructure hardening, bridge strengthening, and amend as needed.							
2. Use community outreach activities to foster an awareness of earthquake mitigation activities in homes, schools, and businesses.							
3. Work with insurance industry representatives to increase public awareness of the importance of earthquake insurance for home and building owners.							

[illegible]



NAME: Margaret M. Nizer JURISDICTION: OKI Regional Council

Hazard & Associated Mitigation Action	Applicable to your jurisdiction?	Cost-Effective	Technically Feasible	Environmentally Sound	Immediate Need	Total Risk Reduction	Comments
1-5 Scale (5 most cost effective)							
All Hazards							
1. Develop/update back-up power generation capabilities at critical government facilities (e.g. temporary storm safe locations, community EOCs).	Y	3	5	5	3	3	
2. Develop/update Continuity of Operations Plans	Y	4	5	5	5	4	
3. Provide public education and outreach on disaster preparedness including websites, newsletters, social media, Preparedness Month events, etc.	Y	3	5	5	2	3	
4. Develop or update Emergency Operation Plans	Y	3	5	5	4	3	
5. Maintain an all-hazard outdoor warning siren system, including repairing, replacing, and upgrading.	Y	2	5	3	3	3	
6. Continue fire code enforcement activities	Y	4	4	2	3	3	
7. Update building and zoning codes to limit exposure to or prepare for potential hazards.	Y	2	4	5	3	3	
Flooding							
1. Improve storm water management system.	Y	3	5	5	5	3	
2. Identify and study poor draining areas to control flooding.	Y	3	5	5	3	3	
3. Repair or replace ditching and culverts to control flooding.	Y	2	4	3	3	3	
4. Continue to identify and study riverbank stabilization opportunities.	Y	2	4	5	2	2	
5. Provide mitigation option guidance to property owners of Repetitive Loss and Severely Repetitive Loss Structures, such as acquisition, relocation, elevation, dry flood proofing, and wet flood proofing.	Y	3	5	4	2	2	
6. Continue to implement floodplain regulations.	Y	3	5	4	4	4	
7. Encourage residents in flood prone areas to purchase flood insurance.	Y	4	4	3	2	2	
Severe Storms							
1. A public education campaign on having multiple means to receive severe weather notifications, such as weather radios, smart phone apps, social media feeds, and/or registration for mass notification systems.	Y	3	5	5	3	2	
2. Create a Standard Operating Guideline for the timely clearing of roads from debris caused by severe storms.	N						
3. Maintain StormReady Certification	N						
4. Adopting new or amend existing ordinances to include guidelines on building construction, surge and lightning protection, roofing shingles, and backup power devices.	N						



Hazard & Associated Mitigation Action	Applicable to your jurisdiction?	Cost-Effective	Technically Feasible	Environmentally Sound	Immediate Need	Total Risk Reduction	Comments
Tornadoes							
1. Adopt stronger construction standards to address high winds and tornadoes.	N						
2. Promote the Ohio Safe Room Rebate Program for the construction and installation of residential safe rooms.	Y	3	4	5	3	2	
3. Require tie-downs for manufactured homes placed on land in Clermont County and its municipalities.	N						
4. Identify tornado safe locations for residents to seek shelter during tornadoes/high wind events, through coordination with local municipalities.	Y	3	4	5	4	3	
Hazardous Materials Accidents							
1. Develop a Wellhead Protection Plan	Y	5	5	5	5	3	
2. Organize an annual drill to prepare for a disaster involving hazardous materials.	N						
3. Report what hazardous materials are being handled on-site and amounts according to regulation.	Y	4	4	5	4	3	
4. Update commodity flow study to identify types and volume of hazardous materials transported via river, pipeline, truck, rail, and plane.	Y	5	5	5	4	3	
Utility Failure							
1. Tree trimming in right of ways along utility lines	N						
2. Work with local utilities to ensure that construction requirements include burying/protecting power lines, designed-failure, and tree management.	N						
Winter Storms							
1. Provide public education on winter weather safety, including family/traveler emergency preparedness, driver safety, and animal protection.	Y	3	4	5	3	2	
2. Review local codes and ordinances, and modify as needed, to reduce the possibility of damage from winter storms.	Y	4	4	5	3	2	
3. Prepare local government for severe winter storms by utilizing snow fences to limit blowing and drifting of snow over critical roadway segments.	N						
Dam Failure							
1. Coordinate with ODNR to implement Dam Safety Program	Y	4	4	5	3	4	
2. Ensure dam owners develop/update their dam safety plan	Y	4	4	5	3	4	
3. Ensure dam owners are prepared to respond should their dam fail	N						
4. Identify downstream risk should dam failure occur	Y	5	4	5	3	3	
5. Coordinate with local communities to ensure they understand risk to dam failures and the impact it would have on their community.	Y	4	4	5	3	4	



NEW MITIGATION ACTIONS SCORING MATRIX

Hazard & Associated Mitigation Action	Applicable to your jurisdiction?	Cost-Effective	Technically Feasible	Environmentally Sound	Immediate Need	Total Risk Reduction	Comments
Terrorism							
1. Encourage critical infrastructure to implement protective measures at their facilities.	Y	3	3	4	3	2	
2. Continue to refine emergency operation plans to respond to and recover from potential acts of terrorism.	N						
3. Encourage government agencies to review and update emergency plans, communications procedures, and continuity of operation plans.	Y	3	4	4	3	2	
4. Coordinate with local law enforcement to ensure the safety of large public gathering events.	N						
5. Provide guidance to schools, churches, government agencies, health care facilities, and other critical facilities on improving protection, preparedness, response, and recovery activities to an active aggressor threat.	Y	3	3	5	3	2	
Landslides							
1. Develop a map of landslide prone areas.	Y	3	5	5	3	3	
2. Develop a slide-prone area ordinance to limit fill or dumping and address drainage or other landslide related problems.	N						
3. Develop drainage control regulations to reduce the risk of landslides resulting from saturated soils.	N						
4. Develop grading ordinances which require developers and landowners to obtain permits prior to filling or regrading.	N						
5. Implement Sanitary System Codes to reduce the effect of drainage on landslides by limiting the type and location of sanitary systems.	N						
6. Consider relocation of structures to less hazardous locations.	Y	2	3	4	3	6	
7. Consider acquisition of land and structures and enforce permanent restrictions on development.	Y	4	4	5	3	3	
8. Implement Restraining Structures to hold soil in place.	N						
9. Implement Debris-Flow Measures, such as stabilization, energy dissipation, and flow control measures, to reduce damage in sloping areas.	N						
10. Implement Grading to increase slope stability.	N						
11. Consider Vegetation Placement and Management Plans to increase soil stability.	Y	4	3	my 3	3	2	
12. Consider placement of utilities. (Placing utilities outside of landslide areas decreases the risk of service disruption.)	N						
13. Implement Abatement Districts to pool resources to mitigate common hazards.	N						



NEW MITIGATION ACTIONS SCORING MATRIX

Hazard & Associated Mitigation Action	Applicable to your jurisdiction?	Cost-Effective	Technically Feasible	Environmentally Sound	Immediate Need	Total Risk Reduction	Comments
Invasive Species							
1. Implement an invasive species education program that covers associated hazards, identification, behavior, and quarantine procedures.	Y	3	4	5	3	2	
2. Share information with the public that explains the importance of not importing or exporting firewood.	Y	3	4	5	3	2	
3. Collaborate with wildlife managers, agricultural producers, and hunters to develop an action plan to address feral swine in Clermont County.	Y	3	4	5	3	2	
4. Work with agricultural producers to monitor and minimize nutrient runoff in order to prevent Harmful Algal Blooms.	Y	3	3	5	4	2	
Extreme Temperatures							
1. Provide guidance and resources for vulnerable populations during extreme temperature events.	Y	4	5	5	3	2	
2. Provide guidance and resources on utility assistance programs.	Y	4	5	5	3	2	
Drought							
1. Encourage property owners to prepare for droughts by installing equipment that reduces water use.	Y	3	3	4	3	3	
2. Develop water storage plans, water use ordinances, contingency plans, and water delivery systems in water utility operating plans.	Y	3	3	4	3	3	
3. Encourage farmers to purchase crop insurance.	N						
Wildfire							
1. Implement outreach efforts to promote fire safe construction.	N						
2. Promote public education on smoking hazards and recreational fire risks.	Y	4	3	4	2	3	
3. Provide public education on extreme fire danger and red flag warnings, including what it means and what actions to take when it is issued.	Y	4	3	4	3	3	
4. Develop public education materials on when and where open burning is permissible, and when a permit is required.	Y	4	3	5	3	3	
5. Review and update local codes and ordinances to reduce the risk and effects of wildfire.	N						
Earthquakes							
1. Ensure building codes and ordinances address earthquakes, such as buildings as structural hazards, non-structural hazards, infrastructure hardening, bridge strengthening, and amend as needed.	N						
2. Use community outreach activities to foster an awareness of earthquake mitigation activities in homes, schools, and businesses.	Y	4	3	4	3	3	
3. Work with insurance industry representatives to increase public awareness of the importance of earthquake insurance for home and building owners.	N						

[illegible]



CLERMONT COUNTY ALL-HAZARDS MITIGATION PLAN
NEW MITIGATION ACTIONS SCORING MATRIX

NAME: DENNIS WALDBILLIG JURISDICTION: GRAFTON CINCINNATI HAZMAT

Hazard & Associated Mitigation Action	Applicable to Your Jurisdiction?	Cost-Effective	Technically Feasible	Environmentally Sound	Immediate Need	Total Risk Reduction	Comments
All Hazards							
1. Develop/update back-up power generation capabilities at critical government facilities (e.g. temporary storm safe locations, community EOCs).	No						
2. Develop/update Continuity of Operations Plans	No						
3. Provide public education and outreach on disaster preparedness including websites, newsletters, social media, Preparedness Month events, etc.	No						
4. Develop or update Emergency Operation Plans	No						
5. Maintain an all-hazard outdoor warning siren system, including repairing, replacing, and upgrading.	No						
6. Continue fire code enforcement activities	No						
7. Update building and zoning codes to limit exposure to or prepare for potential hazards.	No						
Flooding							
1. Improve storm water management system.	No						
2. Identify and study poor draining areas to control flooding.	No						
3. Repair or replace ditching and culverts to control flooding.	No						
4. Continue to identify and study riverbank stabilization opportunities.	No						
5. Provide mitigation option guidance to property owners of Repetitive Loss and Severely Repetitive Loss Structures, such as acquisition, relocation, elevation, dry flood proofing, and wet flood proofing.	No						
6. Continue to implement floodplain regulations.	No						
7. Encourage residents in flood prone areas to purchase flood insurance.	No						
Severe Storms							
1. A public education campaign on having multiple means to receive severe weather notifications, such as weather radios, smart phone apps, social media feeds, and/or registration for mass notification systems.	No						
2. Create a Standard Operating Guideline for the timely clearing of roads from debris caused by severe storms.	No						
3. Maintain StormReady Certification	No						
4. Adopting new or amend existing ordinances to include guidelines on building construction, surge and lightning protection, roofing shingles, and backup power devices.	No						



NEW MITIGATION ACTIONS SCORING MATRIX

Hazard & Associated Mitigation Action	Applicable to your jurisdiction?	Cost-Effective	Technically Feasible	Environmentally Sound	Immediate Need	Total Risk Reduction	Comments
Tornadoes							
1. Adopt stronger construction standards to address high winds and tornadoes.	N/A						
2. Promote the Ohio Safe Room Rebate Program for the construction and installation of residential safe rooms.	N/A						
3. Require tie-downs for manufactured homes placed on land in Clermont County and its municipalities.	N/A						
4. Identify tornado safe locations for residents to seek shelter during tornadoes/high wind events, through coordination with local municipalities.	N/A						
Hazardous Materials Accidents							
1. Develop a Wellhead Protection Plan	N/A						
2. Organize an annual drill to prepare for a disaster involving hazardous materials.	YES	3	5	5	3	3	
3. Report what hazardous materials are being handled on-site and amounts according to regulation.	YES	5	5	5	7	3	
4. Update commodity flow study to identify types and volume of hazardous materials transported via river, pipeline, truck, rail, and plane.	YES	3	5	5	3	3	
Utility Failure							
1. Tree trimming in right of ways along utility lines	N/A						
2. Work with local utilities to ensure that construction requirements include burying/protecting power lines, designed-failure, and tree management.	N/A						
Winter Storms							
1. Provide public education on winter weather safety, including family/traveler emergency preparedness, driver safety, and animal protection.	N/A						
2. Review local codes and ordinances, and modify as needed, to reduce the possibility of damage from winter storms.	N/A						
3. Prepare local government for severe winter storms by utilizing snow fences to limit blowing and drifting of snow over critical roadway segments.	N/A						
Dam Failure							
1. Coordinate with ODNR to implement Dam Safety Program	N/A						
2. Ensure dam owners develop/update their dam safety plan	N/A						
3. Ensure dam owners are prepared to respond should their dam fail	N/A						
4. Identify downstream risk should dam failure occur	N/A						
5. Coordinate with local communities to ensure they understand risk to dam failures and the impact it would have on their community.	N/A						



Hazard & Associated Mitigation Action	Applicable to your jurisdiction?	Cost-Effective	Technically Feasible	Environmentally Sound	Immediate Need	Total Risk Reduction	Comments
Terrorism							
1. Encourage critical infrastructure to implement protective measures at their facilities.	Yes	+	+	+	+	+	
2. Continue to refine emergency operation plans to respond to and recover from potential acts of terrorism.	Yes	+	+	+	+	+	
3. Encourage government agencies to review and update emergency plans, communications procedures, and continuity of operation plans.	Yes	+	+	+	+	+	
4. Coordinate with local law enforcement to ensure the safety of large public gathering events.	Yes	+	+	+	+	+	
5. Provide guidance to schools, churches, government agencies, health care facilities, and other critical facilities on improving protection, preparedness, response, and recovery activities to an active aggressor threat.	Yes	+	+	+	+	+	
Landslides							
1. Develop a map of landslide prone areas.	No						
2. Develop a slide-prone area ordinance to limit fill or dumping and address drainage or other landslide related problems.	No						
3. Develop drainage control regulations to reduce the risk of landslides resulting from saturated soils.	No						
4. Develop grading ordinances which require developers and landowners to obtain permits prior to filling or regrading.	No						
5. Implement Sanitary System Codes to reduce the effect of drainage on landslides by limiting the type and location of sanitary systems.	No						
6. Consider relocation of structures to less hazardous locations.	No						
7. Consider acquisition of land and structures and enforce permanent restrictions on development.	No						
8. Implement Restraining Structures to hold soil in place.	No						
9. Implement Debris-Flow Measures, such as stabilization, energy dissipation, and flow control measures, to reduce damage in sloping areas.	No						
10. Implement Grading to increase slope stability.	No						
11. Consider Vegetation Placement and Management Plans to increase soil stability.	No						
12. Consider placement of utilities. (Placing utilities outside of landslide areas decreases the risk of service disruption.)	No						
13. Implement Abatement Districts to pool resources to mitigate common hazards.	No						



NEW MITIGATION ACTIONS SCORING MATRIX

Hazard & Associated Mitigation Action	Applicable to your jurisdiction?	Cost-Effective	Technically Feasible	Environmentally Sound	Immediate Need	Total Risk Reduction	Comments
Invasive Species							
1. Implement an invasive species education program that covers associated hazards, identification, behavior, and quarantine procedures.	N/A						
2. Share information with the public that explains the importance of not importing or exporting firewood.	N/A						
3. Collaborate with wildlife managers, agricultural producers, and hunters to develop an action plan to address feral swine in Clermont County.	N/A						
4. Work with agricultural producers to monitor and minimize nutrient runoff in order to prevent Harmful Algal Blooms.	N/A						
Extreme Temperatures							
1. Provide guidance and resources for vulnerable populations during extreme temperature events.	N/A						
2. Provide guidance and resources on utility assistance programs.	N/A						
Drought							
1. Encourage property owners to prepare for droughts by installing equipment that reduces water use.	N/A						
2. Develop water storage plans, water use ordinances, contingency plans, and water delivery systems in water utility operating plans.	N/A						
3. Encourage farmers to purchase crop insurance.	N/A						
Wildfire							
1. Implement outreach efforts to promote fire safe construction.	N/A						
2. Promote public education on smoking hazards and recreational fire risks.	N/A						
3. Provide public education on extreme fire danger and red flag warnings, including what it means and what actions to take when it is issued.	N/A						
4. Develop public education materials on when and where open burning is permissible, and when a permit is required.	N/A						
5. Review and update local codes and ordinances to reduce the risk and effects of wildfire.	N/A						
Earthquakes							
1. Ensure building codes and ordinances address earthquakes, such as buildings as structural hazards, non-structural hazards, infrastructure hardening, bridge strengthening, and amend as needed.	N/A						
2. Use community outreach activities to foster an awareness of earthquake mitigation activities in homes, schools, and businesses.	N/A						
3. Work with insurance industry representatives to increase public awareness of the importance of earthquake insurance for home and building owners.	N/A						

[illegible]

PUBLIC OPINION SURVEY

The purpose of this survey is to inform the hazard mitigation planning update in Clermont County. This information will be used to help improve prioritization, mitigation, and risk reduction efforts. Participation in this survey is voluntary; all data gathered in this survey will remain anonymous.

This survey should take less than 10 minutes to complete.

Demographics

1. What community do you live in? out of county Covington, KY
2. How long have you lived in that community? 2 years
3. What community do you work in? Cincinnati

Hazard & Disaster Information

We would like to know about your experiences involving hazards and your exposure to preparedness information.

4. During the past 5 years, have you or someone in your household directly experienced a disaster event, such as a flood, severe windstorm, wildfire, or other type of disaster in the county?

☒ Yes
☒ No (if No, Skip to Question 5)

If "Yes", which of these disaster events have you or someone in your household experienced in the last five years? (Please check all that apply)

- | | |
|---|---|
| <input type="checkbox"/> Dam Failure | <input type="checkbox"/> Landslide |
| <input checked="" type="checkbox"/> Damaging Winds | <input type="checkbox"/> Mine Subsidence |
| <input checked="" type="checkbox"/> Drought | <input type="checkbox"/> Lightning Strike |
| <input type="checkbox"/> Earthquakes | <input checked="" type="checkbox"/> Severe Summer Storm |
| <input checked="" type="checkbox"/> Extreme Temperature | <input type="checkbox"/> Terrorism |
| <input type="checkbox"/> Flooding | <input type="checkbox"/> Tornadoes |
| <input type="checkbox"/> Hazardous Materials Incident | <input type="checkbox"/> Utility/Power Failure |
| <input type="checkbox"/> Hurricane/Tropical Storm | <input type="checkbox"/> Wildfire |
| <input checked="" type="checkbox"/> Invasive Species | <input checked="" type="checkbox"/> Winter Storm |

5. How concerned are you about the following hazards affecting your community?
(Check the corresponding box for each hazard)

Hazards	Very Concerned	Somewhat Concerned	Neutral	Not Very Concerned	Not Concerned
Dam Failure	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Damaging Winds	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Drought	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Earthquakes	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Extreme Temperature	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Flooding	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Hazardous Materials Incident	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Hurricane/Tropical Storm	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Invasive Species	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Landslide	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Mine Subsidence	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Lightning Strike	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Severe Storm	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Terrorism	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Tornadoes	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Utility/Power Failure	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Wildfire	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Winter Storm	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

6. From whom did you last receive information about how to make members of your household and your home safer from disasters? (Please check only one)

- | | |
|---|--|
| <input type="checkbox"/> News Media | <input type="checkbox"/> Elected official |
| <input type="checkbox"/> Government agency | <input type="checkbox"/> American Red Cross |
| <input type="checkbox"/> Insurance agent/company | <input type="checkbox"/> Other non-profit |
| <input type="checkbox"/> Utility company | <input checked="" type="checkbox"/> Social Media (e.g. Facebook) |
| <input type="checkbox"/> University or research institution | <input type="checkbox"/> Not Sure |
| <input type="checkbox"/> Neighbor/friend/family member | <input type="checkbox"/> Other: _____ |

7. What is the most effective way for you to receive information about how to make your household and home safer from disasters? (Please check up to three)

- | | |
|--|--|
| <input type="checkbox"/> Newspapers | <input type="checkbox"/> Outdoor advertisements |
| <input type="checkbox"/> Television | <input type="checkbox"/> Books |
| <input type="checkbox"/> Radio | <input type="checkbox"/> Mail |
| <input type="checkbox"/> Email newsletters | <input type="checkbox"/> Chamber of Commerce |
| <input type="checkbox"/> Online news outlets | <input type="checkbox"/> Public workshops/meetings |
| <input checked="" type="checkbox"/> Social media (e.g. Facebook) | <input type="checkbox"/> Magazine |
| <input checked="" type="checkbox"/> Schools | <input type="checkbox"/> Other: _____ |

Community Vulnerabilities and Hazard Mitigation Strategies

In order to assess community risk, we need to understand which community assets may be vulnerable to hazards in the region. Vulnerable assets are those community features, characteristics, or resources that may be impacted by natural hazards (e.g. populations with functional needs, economic components, environmental resources, etc.) The next set of questions will focus on vulnerable assets in your community and preferred strategies to mitigate risk in those assets.

8. What specific community assets are most important to you? *(Check the box for each asset)*

Community Assets	Very Important	Somewhat Important	Neutral	Not Very Important	Not Important
Elder-care facilities	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Schools (K-12)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Hospitals	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Major Bridges	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Fire/Police Stations	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Museums/Historic bldgs.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Major employers	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Small businesses	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
College/University	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
City Hall/Courthouse	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Parks	<input type="checkbox"/>	<input checked="" 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"/>

9. Hazards can have a significant impact on a community but planning for these events can help lessen the impacts. The following statements will help determine citizen priorities regarding planning for hazards in your county. *Please tell us how important each one is to you.*

Statements	Very Important	Somewhat Important	Neutral	Not Very Important	Not Important
Protecting private property	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Protecting critical facilities (Transportation networks, hospitals, fire stations)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Preventing development in hazard areas	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Enhancing the function of natural features (e.g. wetlands, streams)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Protecting historical and cultural landmarks	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Protecting and reducing damage to utilities	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Strengthening emergency services (e.g. police, fire, ambulance)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Disclosing hazard risks during real estate transactions	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Promoting cooperation among public agencies, citizens, non-profit organizations, and businesses	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

10. A number of activities can reduce your community's risk from hazards. Please check the box that best represents your opinion of the following strategies to reduce the risk and loss associated with disasters.

Community-wide Strategies	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree	Not Sure
I support a regulatory approach to reducing risk	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I support policies to prohibit development in areas affected by hazards (i.e. floodplain)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I support the use of tax dollars to compensate land owners to not develop in high-risk areas	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I support the use of local tax dollars to reduce risks and losses from natural disasters	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I support protecting historical and cultural structures	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I would be willing to make my home more disaster-resilient	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I support improving the disaster preparedness of local schools	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I support the disclosure of hazard risks during real estate transactions	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Mitigation and Preparedness Activities in Your Household

Households can prepare for hazards in order to prevent damage to property, injuries, and loss of life. The precautions you take and training you receive can make a significant difference in your ability to recover from a disaster or emergency. The following question focuses on your household's preparedness for disaster events.

11. In the following list, please check those activities that you have done, plan to do in the near future, have not done, or are unable to do. Please check one answer per preparedness activity.

In your household, has your household:	Have Done	Plan to Do	Not Done	Unable to Do
Attended meetings or received written information on natural disasters or emergency preparedness?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Talked with members in your household about what to do in a natural disaster/emergency?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Developed a "Household/Family Emergency Plan"	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Prepared a Disaster Supply Kit	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
In the last year, has anyone pursued First Aid or CPR training?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Placed smoke detectors on each level of the house	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Discussed or created a utility shutoff procedure in the event of a natural disaster?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

General Comments

12. Please provide any comments you would like to share regarding disasters.

PUBLIC OPINION SURVEY

The purpose of this survey is to inform the hazard mitigation planning update in Clermont County. This information will be used to help improve prioritization, mitigation, and risk reduction efforts. Participation in this survey is voluntary; all data gathered in this survey will remain anonymous.

This survey should take less than 10 minutes to complete.

Demographics

1. What community do you live in? Clearcreek Township (Warren County)
2. How long have you lived in that community? 25 years (3 months)
3. What community do you work in? Batavia, Ohio

Hazard & Disaster Information

We would like to know about your experiences involving hazards and your exposure to preparedness information.

4. During the past 5 years, have you or someone in your household directly experienced a disaster event, such as a flood, severe windstorm, wildfire, or other type of disaster in the county?

☐ Yes

☒ No (if No, Skip to Question 5)

If "Yes", which of these disaster events have you or someone in your household experienced in the last five years? (Please check all that apply)

- | | |
|---|--|
| <input type="checkbox"/> Dam Failure | <input type="checkbox"/> Landslide |
| <input type="checkbox"/> Damaging Winds | <input type="checkbox"/> Mine Subsidence |
| <input type="checkbox"/> Drought | <input type="checkbox"/> Lightning Strike |
| <input type="checkbox"/> Earthquakes | <input type="checkbox"/> Severe Summer Storm |
| <input type="checkbox"/> Extreme Temperature | <input type="checkbox"/> Terrorism |
| <input type="checkbox"/> Flooding | <input type="checkbox"/> Tornadoes |
| <input type="checkbox"/> Hazardous Materials Incident | <input type="checkbox"/> Utility/Power Failure |
| <input type="checkbox"/> Hurricane/Tropical Storm | <input type="checkbox"/> Wildfire |
| <input type="checkbox"/> Invasive Species | <input type="checkbox"/> Winter Storm |

5. How concerned are you about the following hazards affecting your community?
(Check the corresponding box for each hazard)

Hazards	Very Concerned	Somewhat Concerned	Neutral	Not Very Concerned	Not Concerned
Dam Failure	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Damaging Winds	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Drought	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Earthquakes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Extreme Temperature	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Flooding	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Hazardous Materials Incident	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Hurricane/Tropical Storm	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Invasive Species	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Landslide	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Mine Subsidence	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Lightning Strike	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Severe Storm	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Terrorism	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Tornadoes	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Utility/Power Failure	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Wildfire	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Winter Storm	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

6. From whom did you **last** receive information about how to make members of your household and your home safer from disasters? (Please check only one)

- | | |
|---|---|
| <input type="checkbox"/> News Media | <input type="checkbox"/> Elected official |
| <input checked="" type="checkbox"/> Government agency | <input type="checkbox"/> American Red Cross |
| <input type="checkbox"/> Insurance agent/company | <input type="checkbox"/> Other non-profit |
| <input type="checkbox"/> Utility company | <input type="checkbox"/> Social Media (e.g. Facebook) |
| <input type="checkbox"/> University or research institution | <input type="checkbox"/> Not Sure |
| <input type="checkbox"/> Neighbor/friend/family member | <input type="checkbox"/> Other: _____ |

7. What is the **most** effective way for you to receive information about how to make your household and home safer from disasters? (Please check up to three)

- | | |
|--|--|
| <input type="checkbox"/> Newspapers | <input type="checkbox"/> Outdoor advertisements |
| <input checked="" type="checkbox"/> Television | <input type="checkbox"/> Books |
| <input checked="" type="checkbox"/> Radio | <input type="checkbox"/> Mail |
| <input type="checkbox"/> Email newsletters | <input type="checkbox"/> Chamber of Commerce |
| <input type="checkbox"/> Online news outlets | <input type="checkbox"/> Public workshops/meetings |
| <input checked="" type="checkbox"/> Social media (e.g. Facebook) | <input type="checkbox"/> Magazine |
| <input type="checkbox"/> Schools | <input type="checkbox"/> Other: _____ |

Community Vulnerabilities and Hazard Mitigation Strategies

In order to assess community risk, we need to understand which community assets may be vulnerable to hazards in the region. Vulnerable assets are those community features, characteristics, or resources that may be impacted by natural hazards (e.g. populations with functional needs, economic components, environmental resources, etc.) The next set of questions will focus on vulnerable assets in your community and preferred strategies to mitigate risk in those assets.

8. What specific community assets are most important to you? *(Check the box for each asset)*

Community Assets	Very Important	Somewhat Important	Neutral	Not Very Important	Not Important
Elder-care facilities	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Schools (K-12)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Hospitals	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Major Bridges	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Fire/Police Stations	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Museums/Historic bldgs.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Major employers	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Small businesses	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
College/University	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
City Hall/Courthouse	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Parks	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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"/>

9. Hazards can have a significant impact on a community but planning for these events can help lessen the impacts. The following statements will help determine citizen priorities regarding planning for hazards in your county. *Please tell us how important each one is to you.*

Statements	Very Important	Somewhat Important	Neutral	Not Very Important	Not Important
Protecting private property	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Protecting critical facilities (Transportation networks, hospitals, fire stations)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Preventing development in hazard areas	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Enhancing the function of natural features (e.g. wetlands, streams)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Protecting historical and cultural landmarks	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Protecting and reducing damage to utilities	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Strengthening emergency services (e.g. police, fire, ambulance)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Disclosing hazard risks during real estate transactions	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Promoting cooperation among public agencies, citizens, non-profit organizations, and businesses	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

10. A number of activities can reduce your community's risk from hazards. Please check the box that best represents your opinion of the following strategies to reduce the risk and loss associated with disasters.

Community-wide Strategies	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree	Not Sure
I support a regulatory approach to reducing risk	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I support policies to prohibit development in areas affected by hazards (i.e. floodplain)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I support the use of tax dollars to compensate land owners to not develop in high-risk areas	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I support the use of local tax dollars to reduce risks and losses from natural disasters	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I support protecting historical and cultural structures	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I would be willing to make my home more disaster-resilient	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I support improving the disaster preparedness of local schools	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I support the disclosure of hazard risks during real estate transactions	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Mitigation and Preparedness Activities in Your Household

Households can prepare for hazards in order to prevent damage to property, injuries, and loss of life. The precautions you take and training you receive can make a significant difference in your ability to recover from a disaster or emergency. The following question focuses on your household's preparedness for disaster events.

11. In the following list, please check those activities that you have done, plan to do in the near future, have not done, or are unable to do. Please check one answer per preparedness activity.

In your household, has your household:	Have Done	Plan to Do	Not Done	Unable to Do
Attended meetings or received written information on natural disasters or emergency preparedness?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Talked with members in your household about what to do in a natural disaster/emergency?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Developed a "Household/Family Emergency Plan"	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Prepared a Disaster Supply Kit	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
In the last year, has anyone pursued First Aid or CPR training?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Placed smoke detectors on each level of the house	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Discussed or created a utility shutoff procedure in the event of a natural disaster?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

General Comments

12. Please provide any comments you would like to share regarding disasters.

#1

COMPLETE

Collector: Web Link 1 (Web Link)
Started: Tuesday, December 11, 2018 1:37:18 PM
Last Modified: Tuesday, December 11, 2018 1:43:15 PM
Time Spent: 00:05:57
IP Address: 192.234.122.28

Page 1: Survey Instructions

Q1 For which community are you responding? Not Applicable

Page 2: Hazard & Disaster Information

Q2 How concerned are you about your community being impacted by a disaster? Somewhat Concerned

Q3 Have you been impacted by a disaster in your community? Yes

Q4 If you answered "yes" to the previous question, please indicate the type(s) of disasters which have affected your community in the past five years? (Please check all that apply)

Flooding, Utility Failure, Winter Storm

Page 3: Community Vulnerabilities & Hazard Mitigation Strategies

Clermont County Public Opinion Survey

Q5 A number of community-wide activities can reduce risks from hazards. In general, these activities fall into one of four (4) categories. Please rate how important you think each one is for your community to consider pursuing.

Structure and Infrastructure Projects - construct "brick and mortar" infrastructure and building improvements to eliminate or reduce hazard threats, or to mitigate the impacts of hazards. Examples include new culverts, storm-proof windows, etc.	Very Important
Preparedness, Coordination, and Response Actions - ensure that a framework exists to facilitate and coordinate the administration of planned activities. Integrate prevention/mitigation activities into local community operations.	Somewhat Important
Education and Awareness Programs - provide education and community outreach to raise awareness of hazards and generate support for individual and community-wide efforts to reduce risk. Examples include school programs, public information campaigns, etc.	Very Important
Local Plans and Regulations - Integrate mitigation into local ordinances and regulations to protect vulnerable resources and reduce risk. Examples include development restrictions in flood zones, capital planning for mitigation projects, etc.	Somewhat Important

Q6 Resources to mitigate hazards are limited. Hard choices must be made about which community assets and services to prioritize. Please rate your priority areas below.

Protect critical facilities and infrastructure	Very Important
Prevent development in hazard prone-areas	Somewhat Important
Protect/enhance natural features to aid in mitigation (e.g. restore wetlands, streams, etc.)	Somewhat Important
Protect historic and cultural landmarks	Somewhat Important
Protect and reduce damage to utilities	Very Important
Strengthen emergency services	Very Important
Promote cooperation among public agencies and community partners	Somewhat Important

Q7 Rate how important these community assets are to you.

Critical-care Facilities	Very Important
Schools (K-12)	Very Important
Hospitals	Very Important
Major Bridges	Very Important
Fire/Police Stations	Very Important
Museums/Historic Buildings	Somewhat Important
Major Employers	Somewhat Important
Small Businesses	Somewhat Important
College/University	Somewhat Important
Municipal Buildings	Somewhat Important
Parks	Not Important

Page 4: Personal Preparedness

Q8 What personal preparedness measures have you taken?

Attended meeting/training on emergency preparedness	Yes
Talked with members in your household about what to do in a disaster	Yes
Developed a Family Emergency Plan	Yes
Prepared a Disaster Supply Kit	No
In the last year, taken First Aid or CPR training	No
Placed smoke detectors on each level of the house	Yes
Discussed or created a utility shutoff procedure in the event of a natural disaster	Yes

Q9 How do you generally receive warnings and alerts regarding severe weather events? Please check all that apply.

TV News ,
Outlet
Radio,
Outdoor Warning Siren,
Cell Phone Apps,
E-mail,
Social Media

Q10 What is the most effective way for you to receive information on how to make your home, business, and community more resistant to disasters? Please check all that apply.

Local Newspaper,
Neighbor/Friend/Family Member,
Social ,
Media
Television,
Radio,
Direct Mailings,
E-mail

Q11 Please provide any comments you would like to share regarding disasters.

Need to have a plan

#6

COMPLETE

Collector: Web Link 1 (Web Link)
Started: Thursday, January 10, 2019 10:18:09 AM
Last Modified: Thursday, January 10, 2019 10:25:20 AM
Time Spent: 00:07:11
IP Address: 128.146.189.126

Page 1: Survey Instructions

Q1 For which community are you responding? **Not Applicable**

Page 2: Hazard & Disaster Information

Q2 How concerned are you about your community being impacted by a disaster? **Extremely Concerned**

Q3 Have you been impacted by a disaster in your community? **Yes**

Q4 If you answered "yes" to the previous question, please indicate the type(s) of disasters which have affected your community in the past five years? (Please check all that apply)

Damaging Winds,
Drought,
Extreme Temperatures ,
Flooding,
Invasive Species ,
Severe Storm,
Tornado,
Utility Failure ,
Winter Storm

Page 3: Community Vulnerabilities & Hazard Mitigation Strategies

Clermont County Public Opinion Survey

Q5 A number of community-wide activities can reduce risks from hazards. In general, these activities fall into one of four (4) categories. Please rate how important you think each one is for your community to consider pursuing.

Structure and Infrastructure Projects - construct "brick and mortar" infrastructure and building improvements to eliminate or reduce hazard threats, or to mitigate the impacts of hazards. Examples include new culverts, storm-proof windows, etc.	Somewhat Important
Preparedness, Coordination, and Response Actions - ensure that a framework exists to facilitate and coordinate the administration of planned activities. Integrate prevention/mitigation activities into local community operations.	Very Important
Education and Awareness Programs - provide education and community outreach to raise awareness of hazards and generate support for individual and community-wide efforts to reduce risk. Examples include school programs, public information campaigns, etc.	Very Important
Local Plans and Regulations - Integrate mitigation into local ordinances and regulations to protect vulnerable resources and reduce risk. Examples include development restrictions in flood zones, capital planning for mitigation projects, etc.	Somewhat Important

Q6 Resources to mitigate hazards are limited. Hard choices must be made about which community assets and services to prioritize. Please rate your priority areas below.

Protect critical facilities and infrastructure	Somewhat Important
Prevent development in hazard prone-areas	Somewhat Important
Protect/enhance natural features to aid in mitigation (e.g. restore wetlands, streams, etc.)	Very Important
Protect historic and cultural landmarks	Somewhat Important
Protect and reduce damage to utilities	Very Important
Strengthen emergency services	Very Important
Promote cooperation among public agencies and community partners	Very Important

Q7 Rate how important these community assets are to you.

Critical-care Facilities	Very Important
Schools (K-12)	Somewhat Important
Hospitals	Very Important
Major Bridges	Very Important
Fire/Police Stations	Very Important
Museums/Historic Buildings	Somewhat Important
Major Employers	Somewhat Important
Small Businesses	Somewhat Important
College/University	Somewhat Important
Municipal Buildings	Somewhat Important
Parks	Somewhat Important

Page 4: Personal Preparedness

Q8 What personal preparedness measures have you taken?

Attended meeting/training on emergency preparedness	Yes
Talked with members in your household about what to do in a disaster	Yes
Developed a Family Emergency Plan	No
Prepared a Disaster Supply Kit	No
In the last year, taken First Aid or CPR training	No
Placed smoke detectors on each level of the house	Yes
Discussed or created a utility shutoff procedure in the event of a natural disaster	No

Q9 How do you generally receive warnings and alerts regarding severe weather events? Please check all that apply.

TV News ,
 Outlet
 NOAA All-Hazard ,
 Radio
 Outdoor Warning Siren,
 Cell Phone Apps,
 E-mail,
 Social Media

Q10 What is the most effective way for you to receive information on how to make your home, business, and community more resistant to disasters? Please check all that apply.

Other non-profit,
 Social ,
 Media
 E-mail ,
 Other (please specify):
 OSU Extension

Q11 Please provide any comments you would like to share regarding disasters.

Respondent skipped this question

#8

COMPLETE

Collector: Web Link 1 (Web Link)
Started: Friday, February 15, 2019 1:37:04 PM
Last Modified: Friday, February 15, 2019 1:39:40 PM
Time Spent: 00:02:35
IP Address: 66.161.222.98

Page 1: Survey Instructions

Q1 For which community are you responding? **Not Applicable**

Page 2: Hazard & Disaster Information

Q2 How concerned are you about your community being impacted by a disaster? **Somewhat Concerned**

Q3 Have you been impacted by a disaster in your community? **No**

Q4 If you answered "yes" to the previous question, please indicate the type(s) of disasters which have affected your community in the past five years? (Please check all that apply) **Respondent skipped this question**

Page 3: Community Vulnerabilities & Hazard Mitigation Strategies

Clermont County Public Opinion Survey

Q5 A number of community-wide activities can reduce risks from hazards. In general, these activities fall into one of four (4) categories. Please rate how important you think each one is for your community to consider pursuing.

Structure and Infrastructure Projects - construct "brick and mortar" infrastructure and building improvements to eliminate or reduce hazard threats, or to mitigate the impacts of hazards. Examples include new culverts, storm-proof windows, etc.	Very Important
Preparedness, Coordination, and Response Actions - ensure that a framework exists to facilitate and coordinate the administration of planned activities. Integrate prevention/mitigation activities into local community operations.	Very Important
Education and Awareness Programs - provide education and community outreach to raise awareness of hazards and generate support for individual and community-wide efforts to reduce risk. Examples include school programs, public information campaigns, etc.	Very Important
Local Plans and Regulations - Integrate mitigation into local ordinances and regulations to protect vulnerable resources and reduce risk. Examples include development restrictions in flood zones, capital planning for mitigation projects, etc.	Somewhat Important

Q6 Resources to mitigate hazards are limited. Hard choices must be made about which community assets and services to prioritize. Please rate your priority areas below.

Protect critical facilities and infrastructure	Very Important
Prevent development in hazard prone-areas	Very Important
Protect/enhance natural features to aid in mitigation (e.g. restore wetlands, streams, etc.)	Very Important
Protect historic and cultural landmarks	Very Important
Protect and reduce damage to utilities	Somewhat Important
Strengthen emergency services	Somewhat Important
Promote cooperation among public agencies and community partners	Somewhat Important

Q7 Rate how important these community assets are to you.

Critical-care Facilities	Very Important
Schools (K-12)	Very Important
Hospitals	Very Important
Major Bridges	Very Important
Fire/Police Stations	Very Important
Museums/Historic Buildings	Very Important
Major Employers	Somewhat Important
Small Businesses	Somewhat Important
College/University	Very Important
Municipal Buildings	Very Important
Parks	Very Important

Page 4: Personal Preparedness

Q8 What personal preparedness measures have you taken?

Attended meeting/training on emergency preparedness	Yes
Talked with members in your household about what to do in a disaster	Yes
Developed a Family Emergency Plan	Yes
Prepared a Disaster Supply Kit	Yes
In the last year, taken First Aid or CPR training	Yes
Placed smoke detectors on each level of the house	Yes
Discussed or created a utility shutoff procedure in the event of a natural disaster	No

Q9 How do you generally receive warnings and alerts regarding severe weather events? Please check all that apply.

TV News ,
Outlet
Radio,
Cell Phone Apps,
E-mail,
Social Media

Q10 What is the most effective way for you to receive information on how to make your home, business, and community more resistant to disasters? Please check all that apply.

Television,
Direct Mailings,
E-mail ,
Local Library

Q11 Please provide any comments you would like to share regarding disasters.

Respondent skipped this question



Name & Organization:

Squid 0 Reed O EMA - Absta. due to lack of historical knowledge

RISK ASSESSMENT SURVEY

As part of the reporting requirements to the State, the level of risk for each hazard needs to be rated based on several factors. Consider each of the factors below and on a scale of 1 - 5 / 1 - 4, provide a best estimate on the level of risk from each hazard, where "5" / "4" indicate the worst-case and "1" represents little to no impacts, severity or effects. Consider events from the past year.

Factors for each hazard include:

- Frequency: # of local disaster declarations
- Average Duration of Response: time period of response
- Average Speed of Onset: warning time
- Average Magnitude: % of community affected
- Impact on Businesses: length of time critical facilities could be shutdown
- Impact on People: # and severity of injuries
- Impact on Property: % of severely damaged properties

	Flood				
	1	2	3	4	5
Frequency (# of Local Disaster Declarations)	<input type="checkbox"/> None	<input type="checkbox"/> Low (1-2)	<input type="checkbox"/> Medium (3-5)	<input type="checkbox"/> High (6-8)	<input type="checkbox"/> Excessive (9+)
Avg. Duration of Response (Time period of response)	<input type="checkbox"/> Less than 1/2 Day	<input type="checkbox"/> Less than 1 Day	<input type="checkbox"/> Less than 1 Week	<input type="checkbox"/> Less than 1 Month	<input type="checkbox"/> Less than 1 Year
Avg. Speed of Onset (Warning Time)	<input type="checkbox"/> Over 24 Hours	<input type="checkbox"/> 12 - 24 Hours	<input type="checkbox"/> 5 - 12 Hours	<input type="checkbox"/> Little to No Warning	
Avg. Magnitude (% of Community Affected)	<input type="checkbox"/> Less than 10%	<input type="checkbox"/> 10% - 25%	<input type="checkbox"/> 25% - 50%	<input type="checkbox"/> Greater than 50%	
Impact on Businesses (Length of time critical facilities could be shutdown)	<input type="checkbox"/> Less 24 Hours	<input type="checkbox"/> 1 Week	<input type="checkbox"/> 2 Weeks	<input type="checkbox"/> 30 Days or More	
Impact on People (# and Severity of Injuries)	<input type="checkbox"/> No injuries	<input type="checkbox"/> Some Minor Injuries	<input type="checkbox"/> Multiple Severe Injuries	<input type="checkbox"/> Multiple Deaths	
Impact on Property (% of severely damaged properties)	<input type="checkbox"/> Less than 10%	<input type="checkbox"/> 10% - 25%	<input type="checkbox"/> 25% - 50%	<input type="checkbox"/> Greater than 50%	



CLERMONT COUNTY ALL-HAZARDS MITIGATION PLAN

Severe Storms	1	2	3	4	5
Frequency (# of Local Disaster Declarations)	<input type="checkbox"/> None	<input type="checkbox"/> Low (1-2)	<input type="checkbox"/> Medium (3-5)	<input type="checkbox"/> High (6-8)	<input type="checkbox"/> Excessive (9+)
Avg. Duration of Response (Time period of response)	<input type="checkbox"/> Less than 1/2 Day	<input type="checkbox"/> Less than 1 Day	<input type="checkbox"/> Less than 1 Week	<input type="checkbox"/> Less than 1 Month	<input type="checkbox"/> Less than 1 Year
Avg. Speed of Onset (Warning Time)	<input type="checkbox"/> Over 24 Hours	<input type="checkbox"/> 12 - 24 Hours	<input type="checkbox"/> 6 - 12 Hours	<input type="checkbox"/> Little to No Warning	
Avg. Magnitude (% of Community Affected)	<input type="checkbox"/> Less than 10%	<input type="checkbox"/> 10% - 25%	<input type="checkbox"/> 25% - 50%	<input type="checkbox"/> Greater than 50%	
Impact on Businesses (Length of time critical facilities could be shutdown)	<input type="checkbox"/> Less 24 Hours	<input type="checkbox"/> 1 Week	<input type="checkbox"/> 2 Weeks	<input type="checkbox"/> 30 Days or More	
Impact on People (# and Severity of Injuries)	<input type="checkbox"/> No injuries	<input type="checkbox"/> Some Minor Injuries	<input type="checkbox"/> Multiple Severe Injuries	<input type="checkbox"/> Multiple Deaths	
Impact on Property (% of severely damaged properties)	<input type="checkbox"/> Less than 10%	<input type="checkbox"/> 10% - 25%	<input type="checkbox"/> 25% - 50%	<input type="checkbox"/> Greater than 50%	

Tornadoes	1	2	3	4	5
Frequency (# of Local Disaster Declarations)	<input type="checkbox"/> None	<input type="checkbox"/> Low (1-2)	<input type="checkbox"/> Medium (3-5)	<input type="checkbox"/> High (6-8)	<input type="checkbox"/> Excessive (9+)
Avg. Duration of Response (Time period of response)	<input type="checkbox"/> Less than 1/2 Day	<input type="checkbox"/> Less than 1 Day	<input type="checkbox"/> Less than 1 Week	<input type="checkbox"/> Less than 1 Month	<input type="checkbox"/> Less than 1 Year
Avg. Speed of Onset (Warning Time)	<input type="checkbox"/> Over 24 Hours	<input type="checkbox"/> 12 - 24 Hours	<input type="checkbox"/> 6 - 12 Hours	<input type="checkbox"/> Little to No Warning	
Avg. Magnitude (% of Community Affected)	<input type="checkbox"/> Less than 10%	<input type="checkbox"/> 10% - 25%	<input type="checkbox"/> 25% - 50%	<input type="checkbox"/> Greater than 50%	
Impact on Businesses (Length of time critical facilities could be shutdown)	<input type="checkbox"/> Less 24 Hours	<input type="checkbox"/> 1 Week	<input type="checkbox"/> 2 Weeks	<input type="checkbox"/> 30 Days or More	
Impact on People (# and Severity of Injuries)	<input type="checkbox"/> No injuries	<input type="checkbox"/> Some Minor Injuries	<input type="checkbox"/> Multiple Severe Injuries	<input type="checkbox"/> Multiple Deaths	
Impact on Property (% of severely damaged properties)	<input type="checkbox"/> Less than 10%	<input type="checkbox"/> 10% - 25%	<input type="checkbox"/> 25% - 50%	<input type="checkbox"/> Greater than 50%	



CLERMONT COUNTY ALL-HAZARDS MITIGATION PLAN

	1	2	3	4	5
Landslides					
Frequency (# of Local Disaster Declarations)	<input type="checkbox"/> None	<input type="checkbox"/> Low (1-2)	<input type="checkbox"/> Medium (3-5)	<input type="checkbox"/> High (6-8)	<input type="checkbox"/> Excessive (9+)
Avg. Duration of Response (Time period of response)	<input type="checkbox"/> Less than 1/2 Day	<input type="checkbox"/> Less than 1 Day	<input type="checkbox"/> Less than 1 Week	<input type="checkbox"/> Less than 1 Month	<input type="checkbox"/> Less than 1 Year
Avg. Speed of Onset (Warning Time)	<input type="checkbox"/> Over 24 Hours	<input type="checkbox"/> 12 - 24 Hours	<input type="checkbox"/> 6 - 12 Hours	<input type="checkbox"/> Little to No Warning	
Avg. Magnitude (% of Community Affected)	<input type="checkbox"/> Less than 10%	<input type="checkbox"/> 10% - 25%	<input type="checkbox"/> 25% - 50%	<input type="checkbox"/> Greater than 50%	
Impact on Businesses (Length of time critical facilities could be shutdown)	<input type="checkbox"/> Less 24 Hours	<input type="checkbox"/> 1 Week	<input type="checkbox"/> 2 Weeks	<input type="checkbox"/> 30 Days or More	
Impact on People (# and Severity of Injuries)	<input type="checkbox"/> No injuries	<input type="checkbox"/> Some Minor Injuries	<input type="checkbox"/> Multiple Severe Injuries	<input type="checkbox"/> Multiple Deaths	
Impact on Property (% of severely damaged properties)	<input type="checkbox"/> Less than 10%	<input type="checkbox"/> 10% - 25%	<input type="checkbox"/> 25% - 50%	<input type="checkbox"/> Greater than 50%	

	1	2	3	4	5
Hazardous Materials Accident					
Frequency (# of Local Disaster Declarations)	<input type="checkbox"/> None	<input type="checkbox"/> Low (1-2)	<input type="checkbox"/> Medium (3-5)	<input type="checkbox"/> High (6-8)	<input type="checkbox"/> Excessive (9+)
Avg. Duration of Response (Time period of response)	<input type="checkbox"/> Less than 1/2 Day	<input type="checkbox"/> Less than 1 Day	<input type="checkbox"/> Less than 1 Week	<input type="checkbox"/> Less than 1 Month	<input type="checkbox"/> Less than 1 Year
Avg. Speed of Onset (Warning Time)	<input type="checkbox"/> Over 24 Hours	<input type="checkbox"/> 12 - 24 Hours	<input type="checkbox"/> 6 - 12 Hours	<input type="checkbox"/> Little to No Warning	
Avg. Magnitude (% of Community Affected)	<input type="checkbox"/> Less than 10%	<input type="checkbox"/> 10% - 25%	<input type="checkbox"/> 25% - 50%	<input type="checkbox"/> Greater than 50%	
Impact on Businesses (Length of time critical facilities could be shutdown)	<input type="checkbox"/> Less 24 Hours	<input type="checkbox"/> 1 Week	<input type="checkbox"/> 2 Weeks	<input type="checkbox"/> 30 Days or More	
Impact on People (# and Severity of Injuries)	<input type="checkbox"/> No injuries	<input type="checkbox"/> Some Minor Injuries	<input type="checkbox"/> Multiple Severe Injuries	<input type="checkbox"/> Multiple Deaths	
Impact on Property (% of severely damaged properties)	<input type="checkbox"/> Less than 10%	<input type="checkbox"/> 10% - 25%	<input type="checkbox"/> 25% - 50%	<input type="checkbox"/> Greater than 50%	



CLERMONT COUNTY ALL-HAZARDS MITIGATION PLAN

Dam Failure	1	2	3	4	5
Frequency (# of Local Disaster Declarations)	<input type="checkbox"/> None	<input type="checkbox"/> Low (1-2)	<input type="checkbox"/> Medium (3-5)	<input type="checkbox"/> High (6-8)	<input type="checkbox"/> Excessive (9+)
Avg. Duration of Response (Time period of response)	<input type="checkbox"/> Less than 1/2 Day	<input type="checkbox"/> Less than 1 Day	<input type="checkbox"/> Less than 1 Week	<input type="checkbox"/> Less than 1 Month	<input type="checkbox"/> Less than 1 Year
Avg. Speed of Onset (Warning Time)	<input type="checkbox"/> Over 24 Hours	<input type="checkbox"/> 12 - 24 Hours	<input type="checkbox"/> 6 - 12 Hours	<input type="checkbox"/> Little to No Warning	
Avg. Magnitude (% of Community Affected)	<input type="checkbox"/> Less than 10%	<input type="checkbox"/> 10% - 25%	<input type="checkbox"/> 25% - 50%	<input type="checkbox"/> Greater than 50%	
Impact on Businesses (Length of time critical facilities could be shutdown)	<input type="checkbox"/> Less than 24 Hours	<input type="checkbox"/> 1 Week	<input type="checkbox"/> 2 Weeks	<input type="checkbox"/> 30 Days or More	
Impact on People (# and Severity of Injuries)	<input type="checkbox"/> No injuries	<input type="checkbox"/> Some Minor Injuries	<input type="checkbox"/> Multiple Severe Injuries	<input type="checkbox"/> Multiple Deaths	
Impact on Property (% of severely damaged properties)	<input type="checkbox"/> Less than 10%	<input type="checkbox"/> 10% - 25%	<input type="checkbox"/> 25% - 50%	<input type="checkbox"/> Greater than 50%	

Invasive Species (Emerald Ash Borer & Asian Longhorn Beetle)	1	2	3	4	5
Frequency (# of Local Disaster Declarations)	<input type="checkbox"/> None	<input type="checkbox"/> Low (1-2)	<input type="checkbox"/> Medium (3-5)	<input type="checkbox"/> High (6-8)	<input type="checkbox"/> Excessive (9+)
Avg. Duration of Response (Time period of response)	<input type="checkbox"/> Less than 1/2 Day	<input type="checkbox"/> Less than 1 Day	<input type="checkbox"/> Less than 1 Week	<input type="checkbox"/> Less than 1 Month	<input type="checkbox"/> Less than 1 Year
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Avg. Magnitude (% of Community Affected)	<input type="checkbox"/> Less than 10%	<input type="checkbox"/> 10% - 25%	<input type="checkbox"/> 25% - 50%	<input type="checkbox"/> Greater than 50%	
Impact on Businesses (Length of time critical facilities could be shutdown)	<input type="checkbox"/> Less than 24 Hours	<input type="checkbox"/> 1 Week	<input type="checkbox"/> 2 Weeks	<input type="checkbox"/> 30 Days or More	
Impact on People (# and Severity of Injuries)	<input type="checkbox"/> No injuries	<input type="checkbox"/> Some Minor Injuries	<input type="checkbox"/> Multiple Severe Injuries	<input type="checkbox"/> Multiple Deaths	
Impact on Property (% of severely damaged properties)	<input type="checkbox"/> Less than 10%	<input type="checkbox"/> 10% - 25%	<input type="checkbox"/> 25% - 50%	<input type="checkbox"/> Greater than 50%	



CLERMONT COUNTY ALL-HAZARDS MITIGATION PLAN

Utility Failure	1	2	3	4	5
Frequency (# of Local Disaster Declarations)	<input type="checkbox"/> None	<input type="checkbox"/> Low (1-2)	<input type="checkbox"/> Medium (3-5)	<input type="checkbox"/> High (6-8)	<input type="checkbox"/> Excessive (9+)
Avg. Duration of Response (Time period of response)	<input type="checkbox"/> Less than 1/2 Day	<input type="checkbox"/> Less than 1 Day	<input type="checkbox"/> Less than 1 Week	<input type="checkbox"/> Less than 1 Month	<input type="checkbox"/> Less than 1 Year
Avg. Speed of Onset (Warning Time)	<input type="checkbox"/> Over 24 Hours	<input type="checkbox"/> 12 - 24 Hours	<input type="checkbox"/> 6 - 12 Hours	<input type="checkbox"/> Little to No Warning	
Avg. Magnitude (% of Community Affected)	<input type="checkbox"/> Less than 10%	<input type="checkbox"/> 10% - 25%	<input type="checkbox"/> 25% - 50%	<input type="checkbox"/> Greater than 50%	
Impact on Businesses (Length of time critical facilities could be shutdown)	<input type="checkbox"/> Less 24 Hours	<input type="checkbox"/> 1 Week	<input type="checkbox"/> 2 Weeks	<input type="checkbox"/> 30 Days or More	
Impact on People (# and Severity of Injuries)	<input type="checkbox"/> No Injuries	<input type="checkbox"/> Some Minor Injuries	<input type="checkbox"/> Multiple Severe Injuries	<input type="checkbox"/> Multiple Deaths	
Impact on Property (% of severely damaged properties)	<input type="checkbox"/> Less than 10%	<input type="checkbox"/> 10% - 25%	<input type="checkbox"/> 25% - 50%	<input type="checkbox"/> Greater than 50%	

Drought	1	2	3	4	5
Frequency (# of Local Disaster Declarations)	<input type="checkbox"/> None	<input type="checkbox"/> Low (1-2)	<input type="checkbox"/> Medium (3-5)	<input type="checkbox"/> High (6-8)	<input type="checkbox"/> Excessive (9+)
Avg. Duration of Response (Time period of response)	<input type="checkbox"/> Less than 1/2 Day	<input type="checkbox"/> Less than 1 Day	<input type="checkbox"/> Less than 1 Week	<input type="checkbox"/> Less than 1 Month	<input type="checkbox"/> Less than 1 Year
Avg. Speed of Onset (Warning Time)	<input type="checkbox"/> Over 24 Hours	<input type="checkbox"/> 12 - 24 Hours	<input type="checkbox"/> 6 - 12 Hours	<input type="checkbox"/> Little to No Warning	
Avg. Magnitude (% of Community Affected)	<input type="checkbox"/> Less than 10%	<input type="checkbox"/> 10% - 25%	<input type="checkbox"/> 25% - 50%	<input type="checkbox"/> Greater than 50%	
Impact on Businesses (Length of time critical facilities could be shutdown)	<input type="checkbox"/> Less 24 Hours	<input type="checkbox"/> 1 Week	<input type="checkbox"/> 2 Weeks	<input type="checkbox"/> 30 Days or More	
Impact on People (# and Severity of Injuries)	<input type="checkbox"/> No Injuries	<input type="checkbox"/> Some Minor Injuries	<input type="checkbox"/> Multiple Severe Injuries	<input type="checkbox"/> Multiple Deaths	
Impact on Property (% of severely damaged properties)	<input type="checkbox"/> Less than 10%	<input type="checkbox"/> 10% - 25%	<input type="checkbox"/> 25% - 50%	<input type="checkbox"/> Greater than 50%	



CLERMONT COUNTY ALL-HAZARDS MITIGATION PLAN

Earthquake	1	2	3	4	5
Frequency (# of Local Disaster Declarations)	<input type="checkbox"/> None	<input type="checkbox"/> Low (1-2)	<input type="checkbox"/> Medium (3-5)	<input type="checkbox"/> High (6-8)	<input type="checkbox"/> Excessive (9+)
Avg. Duration of Response (Time period of response)	<input type="checkbox"/> Less than 1/2 Day	<input type="checkbox"/> Less than 1 Day	<input type="checkbox"/> Less than 1 Week	<input type="checkbox"/> Less than 1 Month	<input type="checkbox"/> Less than 1 Year
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Avg. Magnitude (% of Community Affected)	<input type="checkbox"/> Less than 10%	<input type="checkbox"/> 10% - 25%	<input type="checkbox"/> 25% - 50%	<input type="checkbox"/> Greater than 50%	
Impact on Businesses (Length of time critical facilities could be shutdown)	<input type="checkbox"/> Less 24 Hours	<input type="checkbox"/> 1 Week	<input type="checkbox"/> 2 Weeks	<input type="checkbox"/> 30 Days or More	
Impact on People (# and Severity of Injuries)	<input type="checkbox"/> No injuries	<input type="checkbox"/> Some Minor Injuries	<input type="checkbox"/> Multiple Severe Injuries	<input type="checkbox"/> Multiple Deaths	
Impact on Property (% of severely damaged properties)	<input type="checkbox"/> Less than 10%	<input type="checkbox"/> 10% - 25%	<input type="checkbox"/> 25% - 50%	<input type="checkbox"/> Greater than 50%	

Wildfire	1	2	3	4	5
Frequency (# of Local Disaster Declarations)	<input type="checkbox"/> None	<input type="checkbox"/> Low (1-2)	<input type="checkbox"/> Medium (3-5)	<input type="checkbox"/> High (6-8)	<input type="checkbox"/> Excessive (9+)
Avg. Duration of Response (Time period of response)	<input type="checkbox"/> Less than 1/2 Day	<input type="checkbox"/> Less than 1 Day	<input type="checkbox"/> Less than 1 Week	<input type="checkbox"/> Less than 1 Month	<input type="checkbox"/> Less than 1 Year
Avg. Speed of Onset (Warning Time)	<input type="checkbox"/> Over 24 Hours	<input type="checkbox"/> 12 - 24 Hours	<input type="checkbox"/> 6 - 12 Hours	<input type="checkbox"/> Little to No Warning	
Avg. Magnitude (% of Community Affected)	<input type="checkbox"/> Less than 10%	<input type="checkbox"/> 10% - 25%	<input type="checkbox"/> 25% - 50%	<input type="checkbox"/> Greater than 50%	
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Impact on People (# and Severity of Injuries)	<input type="checkbox"/> No injuries	<input type="checkbox"/> Some Minor Injuries	<input type="checkbox"/> Multiple Severe Injuries	<input type="checkbox"/> Multiple Deaths	
Impact on Property (% of severely damaged properties)	<input type="checkbox"/> Less than 10%	<input type="checkbox"/> 10% - 25%	<input type="checkbox"/> 25% - 50%	<input type="checkbox"/> Greater than 50%	